

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
 Data File : VX034915.D
 Acq On : 01 Apr 2023 10:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/03/2023
 Supervised By : Mahesh Dadoda 04/03/2023

Quant Time: Apr 03 02:13:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	280533	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	483833	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	435990	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	212722	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	220326	51.354	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.700%			
35) Dibromofluoromethane	5.385	113	157405	49.186	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.380%			
50) Toluene-d8	8.647	98	579292	49.043	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.080%			
62) 4-Bromofluorobenzene	11.079	95	233611	51.108	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.220%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	154784	55.319	ug/l	98
3) Chloromethane	1.294	50	179159	51.141	ug/l	99
4) Vinyl Chloride	1.374	62	174690	50.362	ug/l	100
5) Bromomethane	1.611	94	93744	41.590	ug/l	95
6) Chloroethane	1.685	64	99722	44.187	ug/l	99
7) Trichlorofluoromethane	1.886	101	248305	44.528	ug/l	100
8) Diethyl Ether	2.136	74	96689	49.183	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	142838	49.008	ug/l	97
10) Methyl Iodide	2.453	142	159771	44.019	ug/l	91
11) Tert butyl alcohol	2.989	59	171856m	228.303	ug/l	
12) 1,1-Dichloroethene	2.319	96	136497	47.395	ug/l	88
13) Acrolein	2.239	56	165132	213.103	ug/l	99
14) Allyl chloride	2.666	41	272417	48.282	ug/l	95
15) Acrylonitrile	3.062	53	448073	264.442	ug/l	98
16) Acetone	2.386	43	420344	241.177	ug/l	95
17) Carbon Disulfide	2.514	76	322192	44.669	ug/l	100
18) Methyl Acetate	2.703	43	333690	53.886	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	533676	50.050	ug/l	96
20) Methylene Chloride	2.788	84	162058	47.120	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	151273	48.161	ug/l	94
22) Diisopropyl ether	3.757	45	573574	50.382	ug/l	97
23) Vinyl Acetate	3.721	43	2116345	260.655	ug/l	98
24) 1,1-Dichloroethane	3.611	63	304795	49.759	ug/l	98
25) 2-Butanone	4.556	43	651380	256.929	ug/l	99
26) 2,2-Dichloropropane	4.477	77	177224	35.182	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	180010	48.367	ug/l	99
28) Bromochloromethane	4.898	49	144774	48.316	ug/l	96
29) Tetrahydrofuran	5.001	42	424810	267.474	ug/l	98
30) Chloroform	5.093	83	310747	49.947	ug/l	99
31) Cyclohexane	5.471	56	263603	50.458	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	268587	50.589	ug/l	99
36) 1,1-Dichloropropene	5.690	75	229511	48.409	ug/l	98
37) Ethyl Acetate	4.709	43	258400	52.124	ug/l	100
38) Carbon Tetrachloride	5.678	117	228383	51.093	ug/l	99
39) Methylcyclohexane	7.379	83	236291	46.934	ug/l	93
40) Benzene	6.038	78	651752	47.888	ug/l	100

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	147681	54.777	ug/l	96
42) 1,2-Dichloroethane	6.086	62	272777	50.413	ug/l	98
43) Isopropyl Acetate	6.336	43	418722	50.486	ug/l	99
44) Trichloroethene	7.123	130	165882	47.747	ug/l	95
45) 1,2-Dichloropropane	7.428	63	171966	48.488	ug/l	99
46) Dibromomethane	7.580	93	117468	48.139	ug/l	98
47) Bromodichloromethane	7.824	83	230196	51.071	ug/l	97
48) Methyl methacrylate	7.690	41	215165	52.826	ug/l	97
49) 1,4-Dioxane	7.696	88	78273	932.493	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	1292157	263.243	ug/l	99
52) Toluene	8.720	92	413485	46.596	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	231336	47.709	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	254551	47.970	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	164544	48.992	ug/l	98
56) Ethyl methacrylate	9.116	69	273591	51.992	ug/l	98
57) 1,3-Dichloropropane	9.305	76	292923	49.248	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	712015	265.740	ug/l	100
59) 2-Hexanone	9.427	43	977498	263.287	ug/l	99
60) Dibromochloromethane	9.519	129	163715	51.171	ug/l	100
61) 1,2-Dibromoethane	9.610	107	173801	49.765	ug/l	99
64) Tetrachloroethene	9.275	164	140314	44.971	ug/l	96
65) Chlorobenzene	10.079	112	430472	47.454	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	156354	50.126	ug/l	99
67) Ethyl Benzene	10.195	91	798867	48.613	ug/l	97
68) m/p-Xylenes	10.299	106	597926	95.252	ug/l	97
69) o-Xylene	10.640	106	297352	48.354	ug/l	97
70) Styrene	10.653	104	494509	50.374	ug/l	100
71) Bromoform	10.799	173	107560	50.700	ug/l	98
73) Isopropylbenzene	10.963	105	766013	49.160	ug/l	99
74) N-amyl acetate	10.842	43	372218	53.129	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	254887	49.910	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	214074m	49.945	ug/l	
77) Bromobenzene	11.195	156	178811	46.313	ug/l	97
78) n-propylbenzene	11.305	91	877841	48.768	ug/l	99
79) 2-Chlorotoluene	11.366	91	551554	48.531	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	645152	49.520	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	59741	41.771	ug/l #	85
82) 4-Chlorotoluene	11.457	91	638812	48.403	ug/l	99
83) tert-Butylbenzene	11.713	119	600232	49.063	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	644597	48.653	ug/l	99
85) sec-Butylbenzene	11.890	105	725811	48.766	ug/l	100
86) p-Isopropyltoluene	12.012	119	612932	49.388	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	340755	48.462	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	344732	46.942	ug/l	100
89) n-Butylbenzene	12.335	91	517329	47.711	ug/l	98
90) Hexachloroethane	12.536	117	97174	50.537	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	340068	48.291	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	58283	54.675	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	194993	48.958	ug/l	99
94) Hexachlorobutadiene	13.725	225	72946	41.641	ug/l	98
95) Naphthalene	13.774	128	713393	50.409	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	192340	47.887	ug/l	99

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ALS Vial : 57 Sample Multiplier: 1

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MSVOA_X
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VSTDCCC050EC

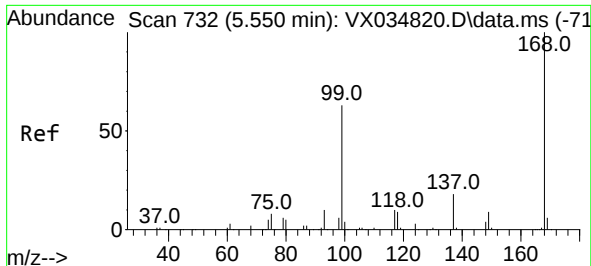
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

Quant Time: Apr 03 02:13:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 01 01:50:18 2023
Response via : Initial Calibration

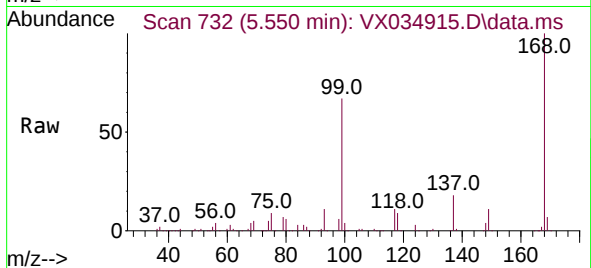
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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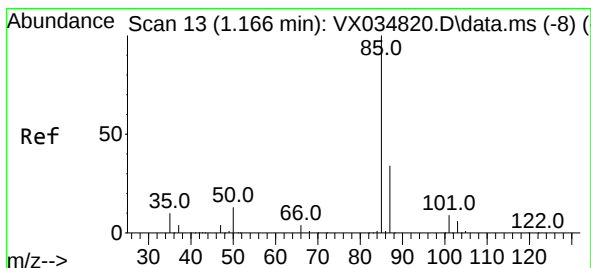
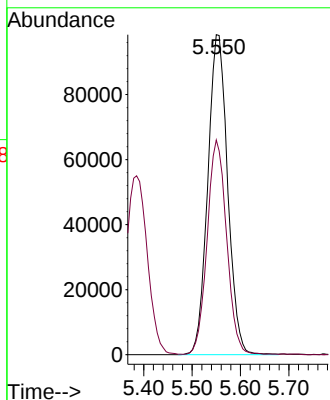
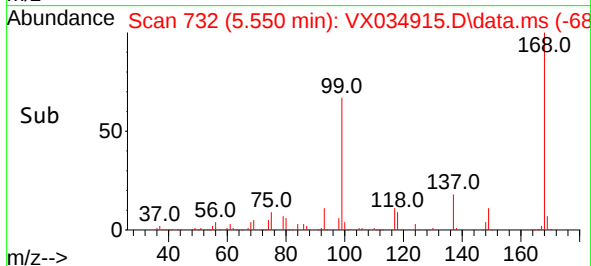
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 28053
Ion Ratio Lower Upper
168 100
99 67.0 45.7 68.5

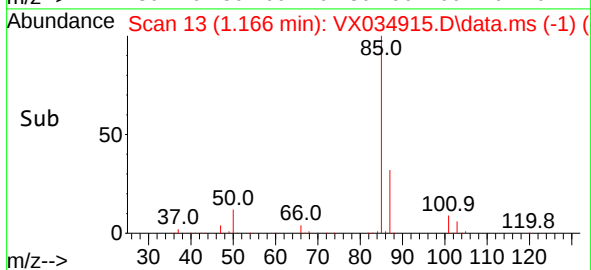
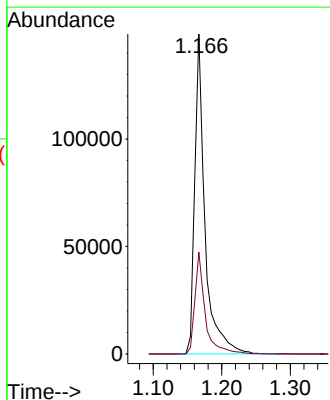
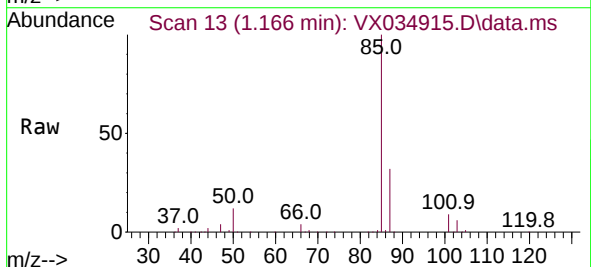
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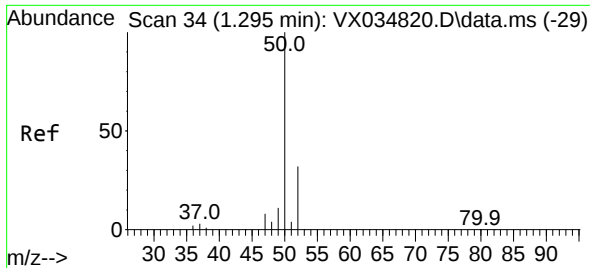
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#2
Dichlorodifluoromethane
Concen: 55.319 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

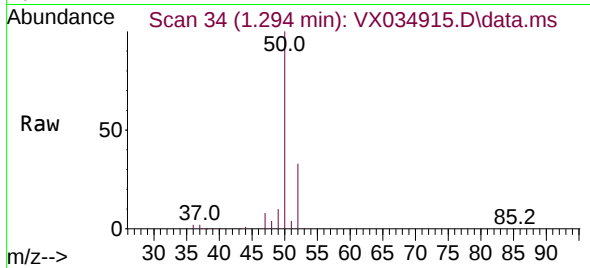
Tgt Ion: 85 Resp: 154784
Ion Ratio Lower Upper
85 100
87 31.8 16.4 49.1





#3
Chloromethane
Concen: 51.141 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

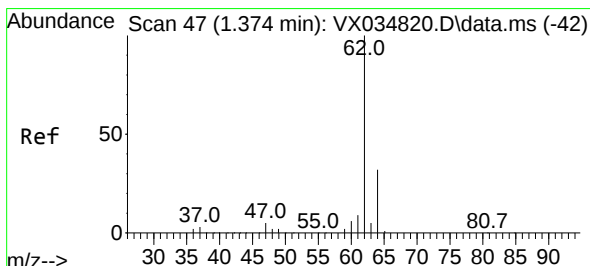
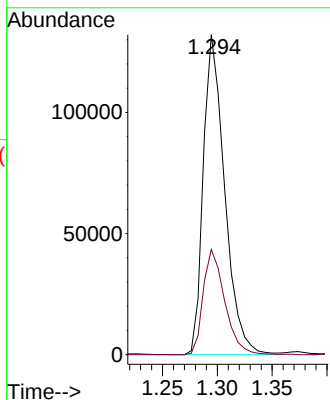
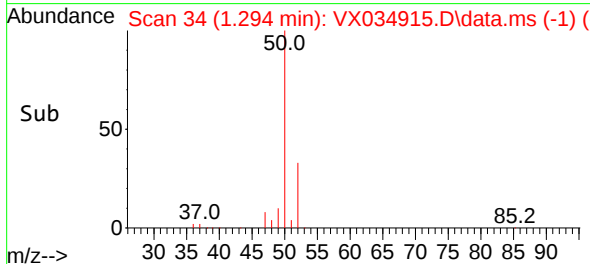
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 179159
Ion Ratio Lower Upper
50 100
52 32.9 25.9 38.9

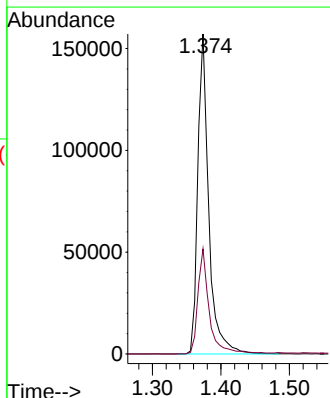
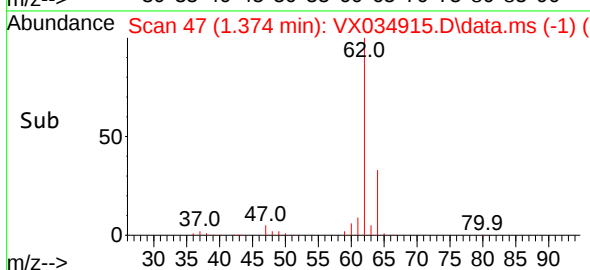
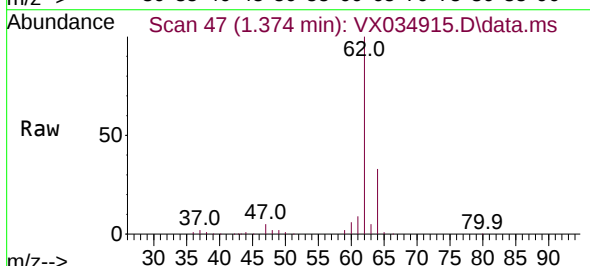
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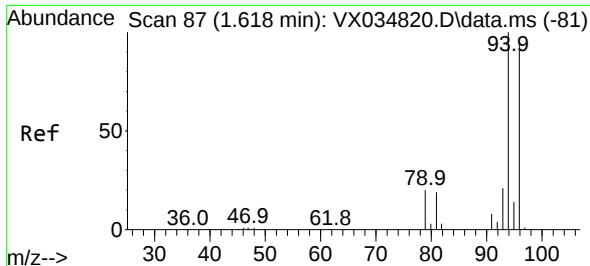
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#4
Vinyl Chloride
Concen: 50.362 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

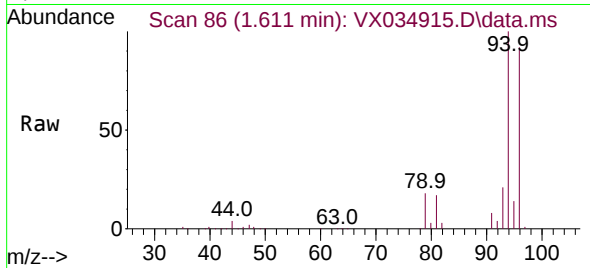
Tgt Ion: 62 Resp: 174690
Ion Ratio Lower Upper
62 100
64 32.8 26.4 39.6





#5
Bromomethane
Concen: 41.590 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

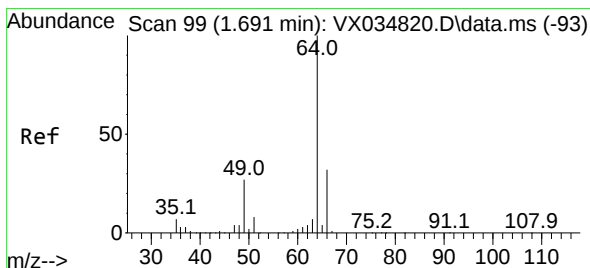
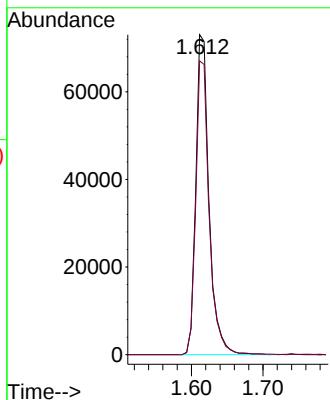
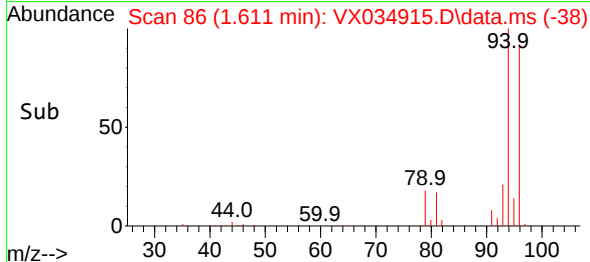
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Tgt Ion: 94 Resp: 93744
Ion Ratio Lower Upper
94 100
96 91.8 77.0 115.6

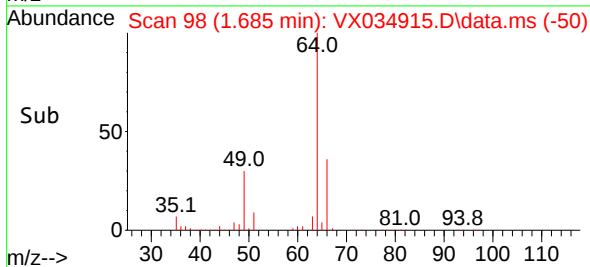
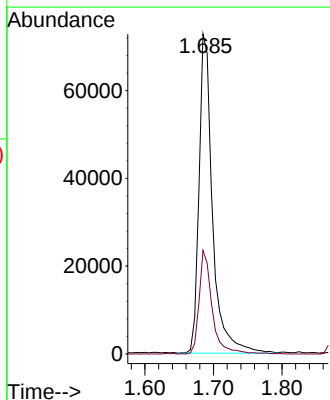
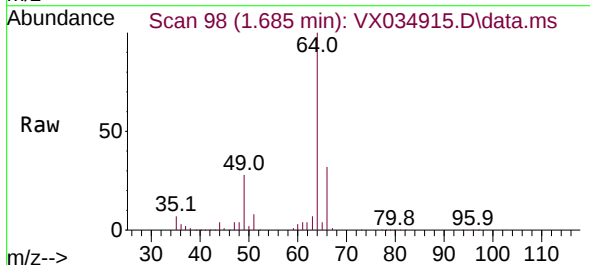
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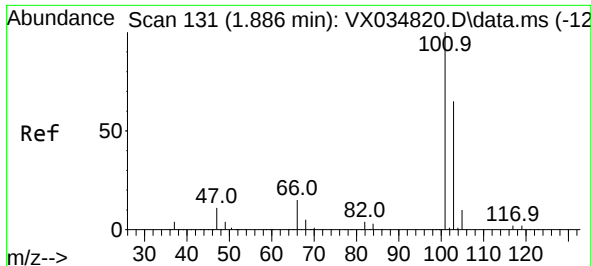
Reviewed By :John Carlone 04/03/2023
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#6
Chloroethane
Concen: 44.187 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX034915.D
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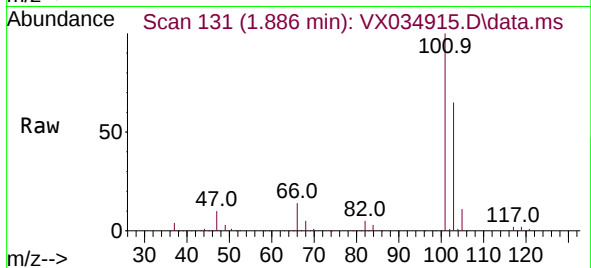
Tgt Ion: 64 Resp: 99722
Ion Ratio Lower Upper
64 100
66 32.5 26.2 39.4





#7
Trichlorofluoromethane
Concen: 44.528 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

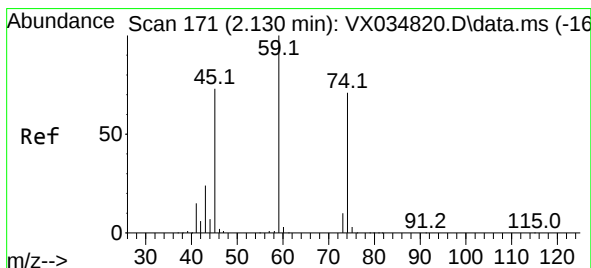
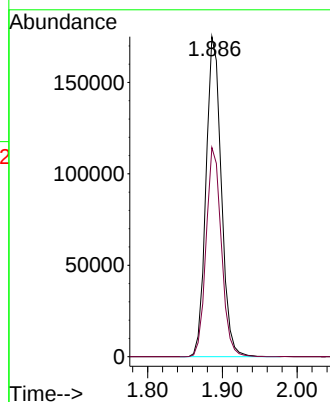
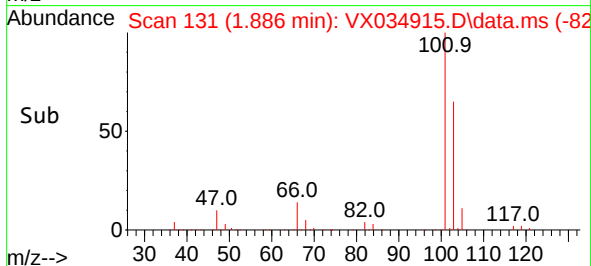
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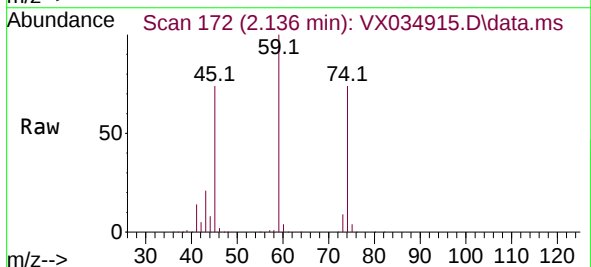
Tgt Ion:101 Resp: 24830
Ion Ratio Lower Upper
101 100
103 65.3 52.0 78.0

Manual Integrations
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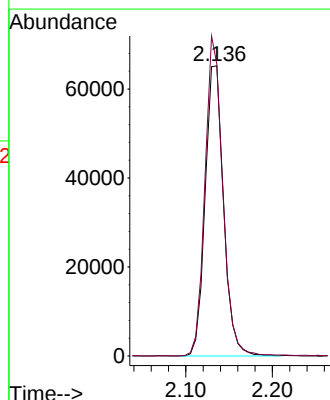
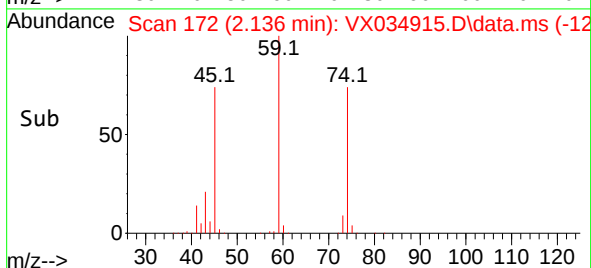
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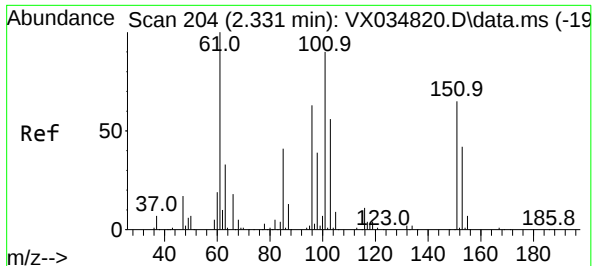


#8
Diethyl Ether
Concen: 49.183 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01



Tgt Ion: 74 Resp: 96689
Ion Ratio Lower Upper
74 100
45 106.3 49.8 149.3





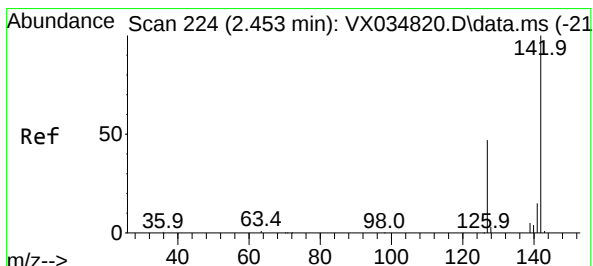
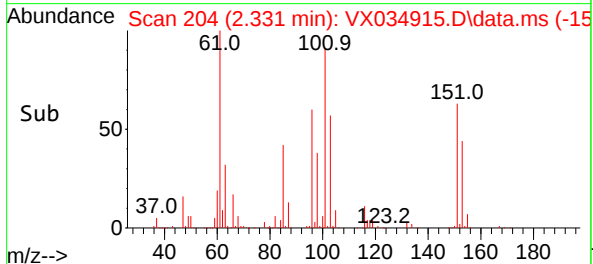
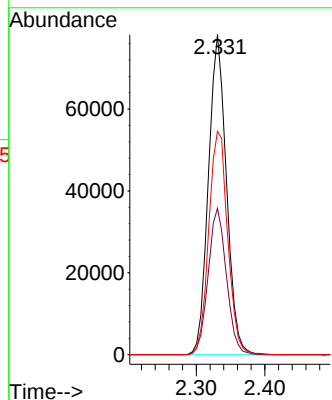
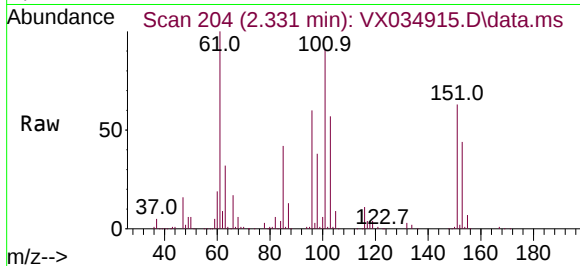
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.008 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 142838
Ion Ratio Lower Upper
101 100
85 46.3 35.4 53.2
151 73.2 60.2 90.4

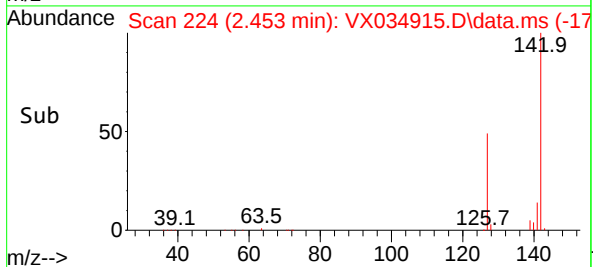
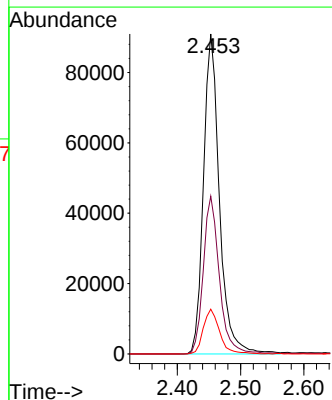
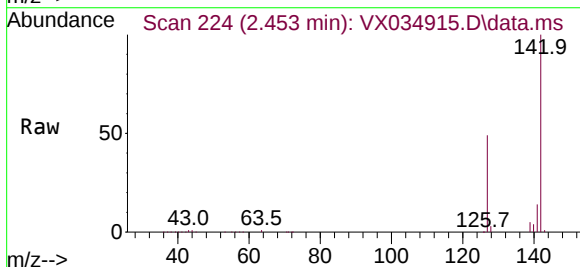
Manual Integrations
APPROVED

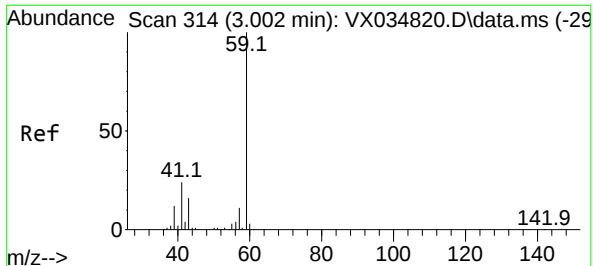
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#10
Methyl Iodide
Concen: 44.019 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

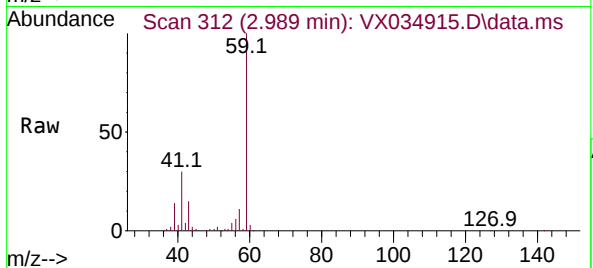
Tgt Ion:142 Resp: 159771
Ion Ratio Lower Upper
142 100
127 49.8 34.0 51.0
141 14.3 11.1 16.7





#11
Tert butyl alcohol
Concen: 228.303 ug/l m
RT: 2.989 min Scan# 314
Delta R.T. -0.012 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

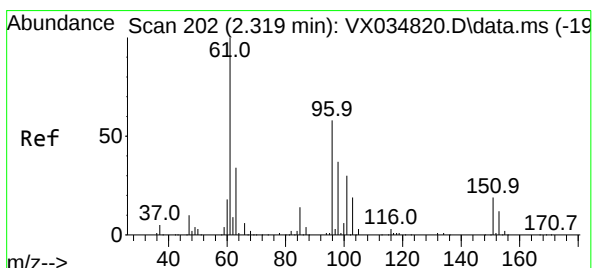
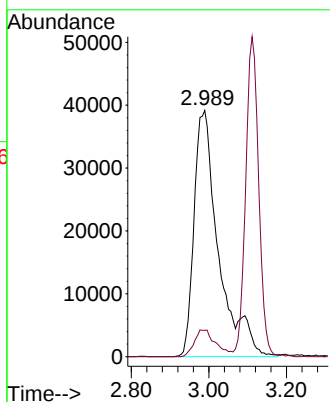
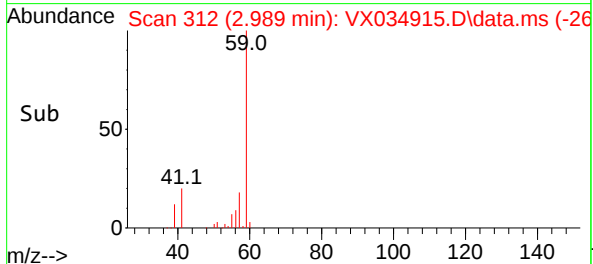
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 171850
Ion Ratio Lower Upper
59 100
57 9.6 8.1 12.1

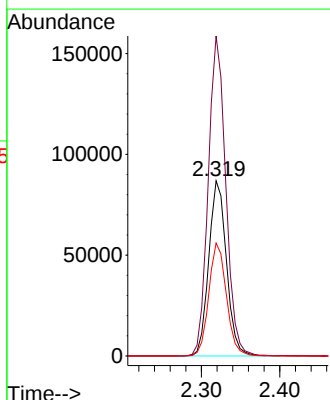
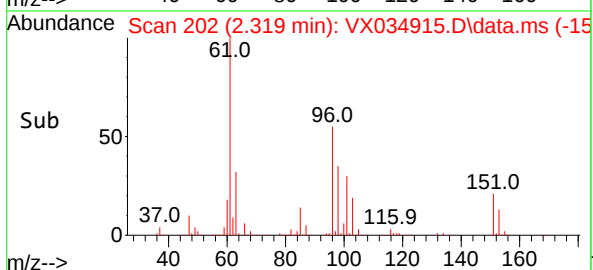
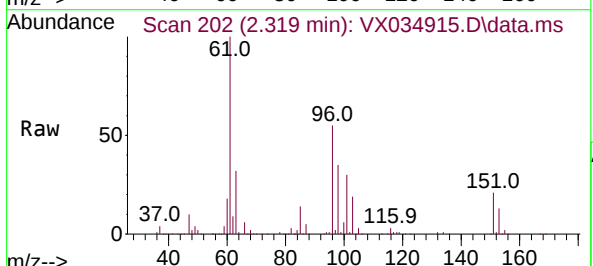
Manual Integrations
APPROVED

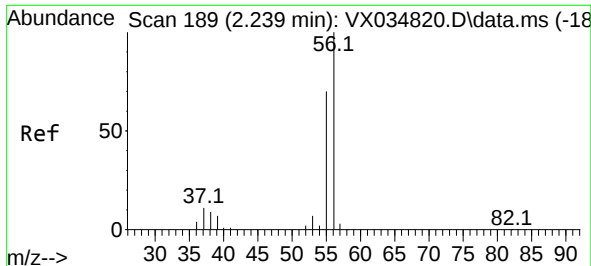
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#12
1,1-Dichloroethene
Concen: 47.395 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

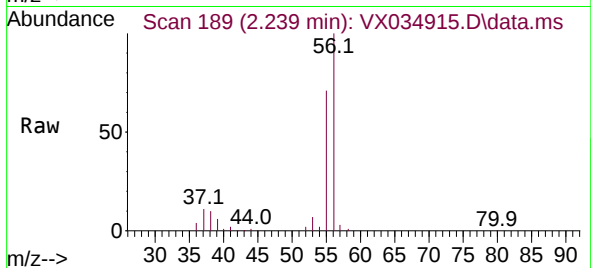
Tgt Ion: 96 Resp: 136497
Ion Ratio Lower Upper
96 100
61 182.7 128.8 193.2
98 64.5 51.4 77.0





#13
Acrolein
Concen: 213.103 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

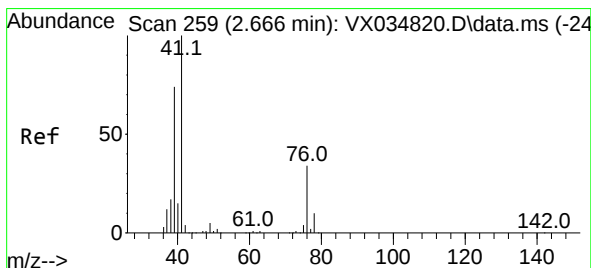
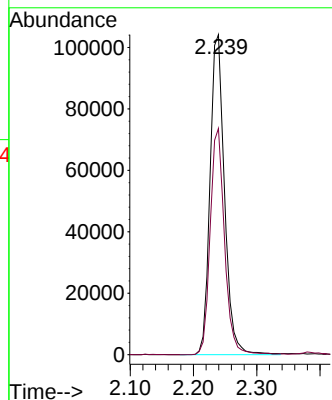
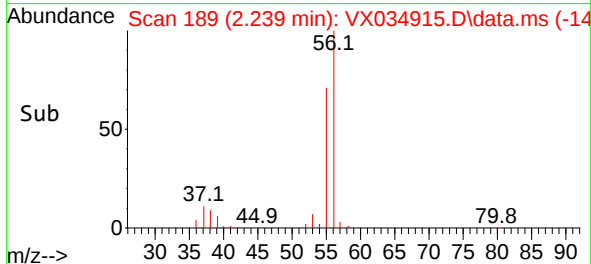
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 16513
Ion Ratio Lower Upper
56 100
55 70.3 56.6 85.0

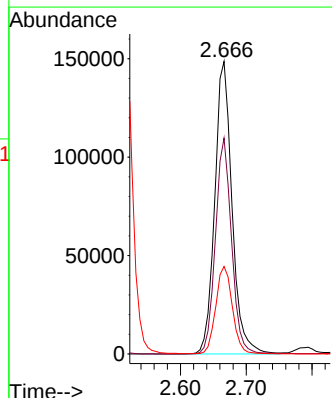
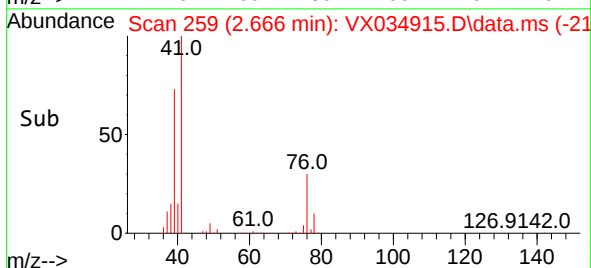
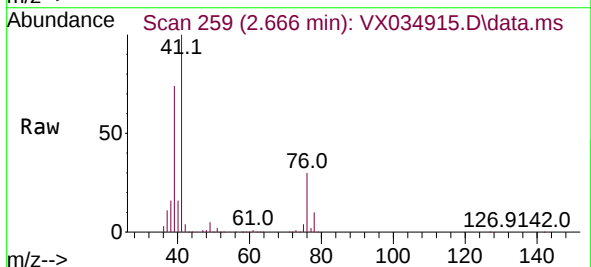
Manual Integrations
APPROVED

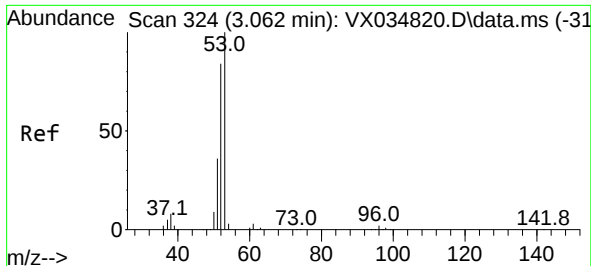
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#14
Allyl chloride
Concen: 48.282 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

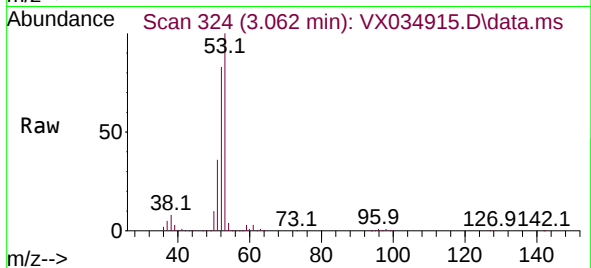
Tgt Ion: 41 Resp: 272417
Ion Ratio Lower Upper
41 100
39 68.8 52.4 78.6
76 28.7 26.0 39.0





#15
Acrylonitrile
Concen: 264.442 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

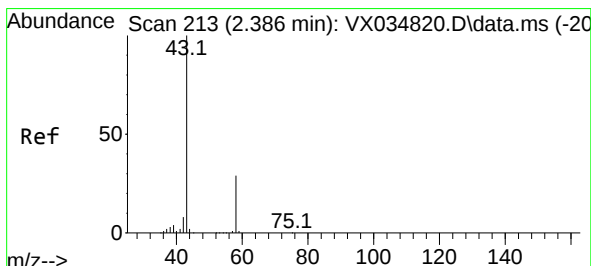
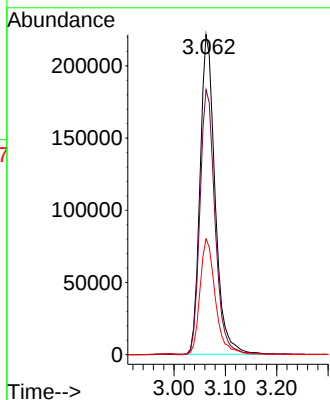
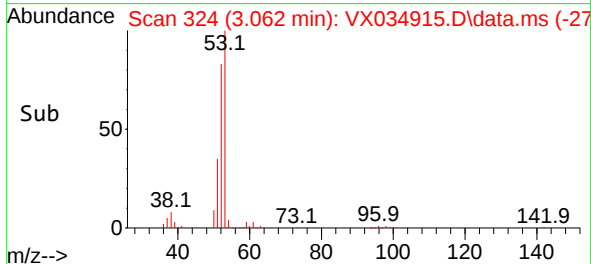
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 448073
Ion Ratio Lower Upper
53 100
52 84.0 66.2 99.2
51 36.9 28.3 42.5

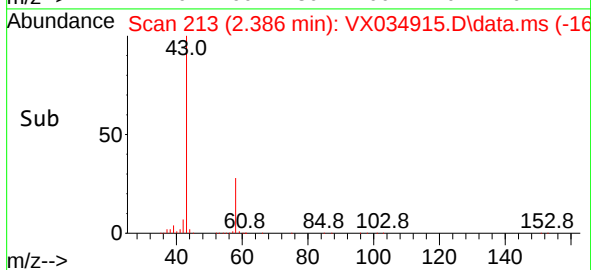
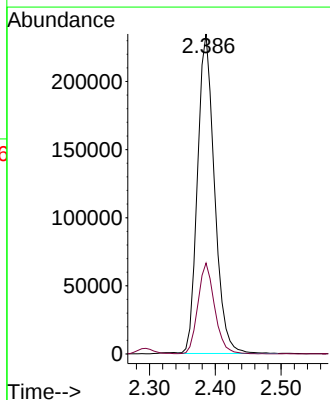
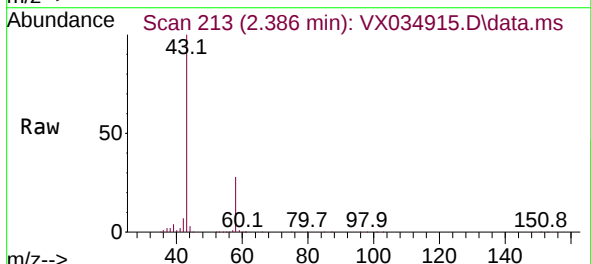
Manual Integrations
APPROVED

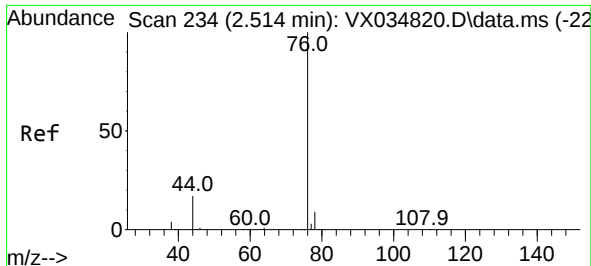
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#16
Acetone
Concen: 241.177 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

Tgt Ion: 43 Resp: 420344
Ion Ratio Lower Upper
43 100
58 28.4 24.7 37.1





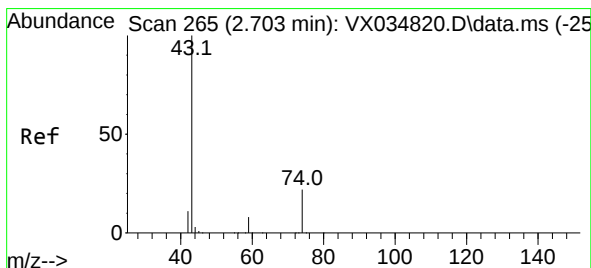
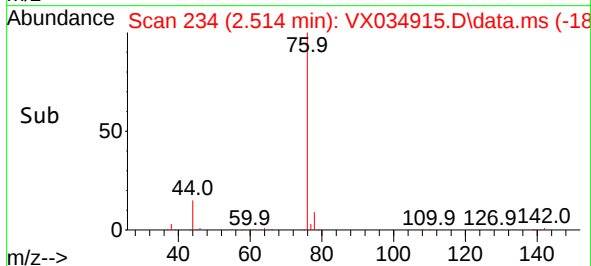
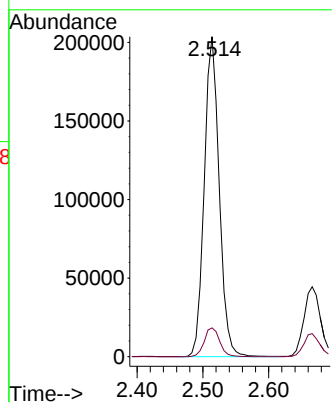
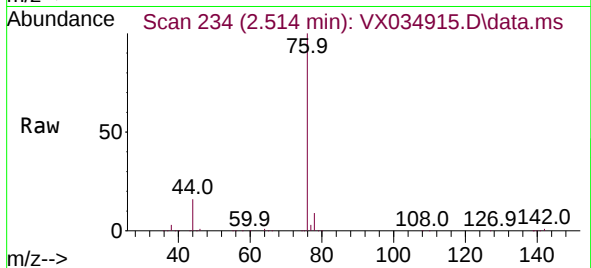
#17
Carbon Disulfide
Concen: 44.669 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 322192
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

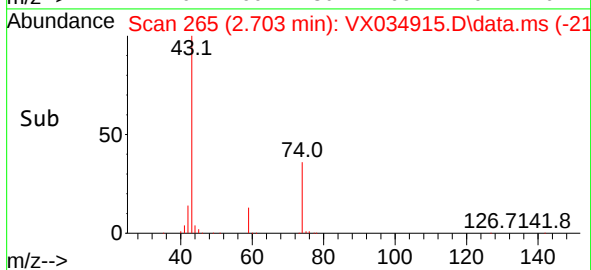
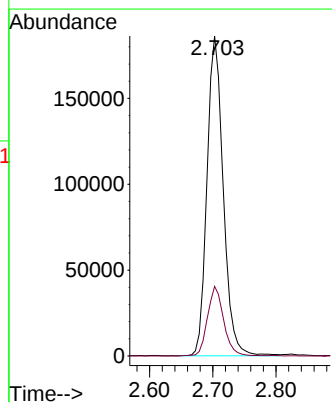
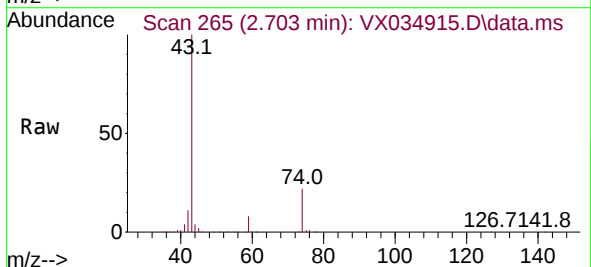
Manual Integrations
APPROVED

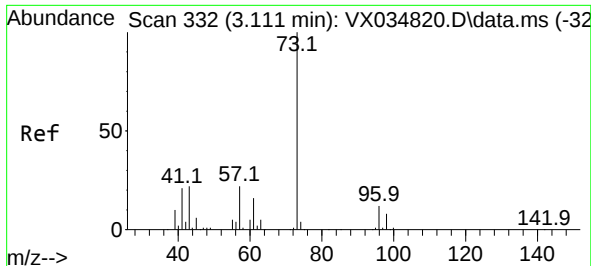
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#18
Methyl Acetate
Concen: 53.886 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

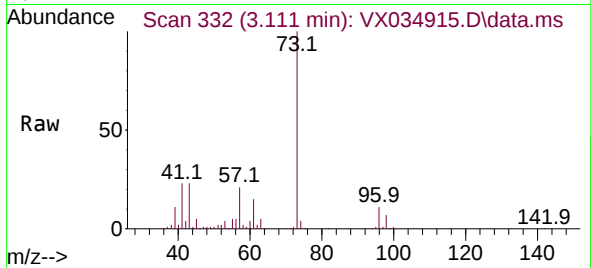
Tgt Ion: 43 Resp: 333690
Ion Ratio Lower Upper
43 100
74 21.7 18.3 27.5





#19
Methyl tert-butyl Ether
Concen: 50.050 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

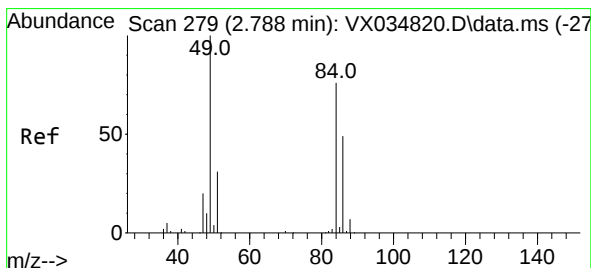
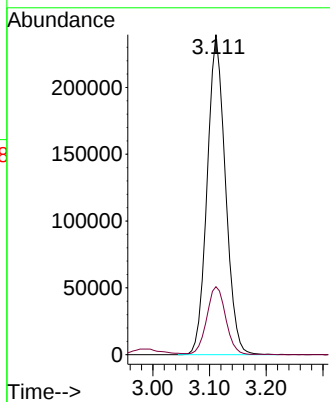
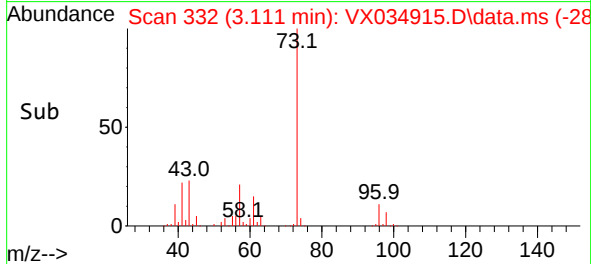
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 533670
Ion Ratio Lower Upper
73 100
57 21.3 18.5 27.7

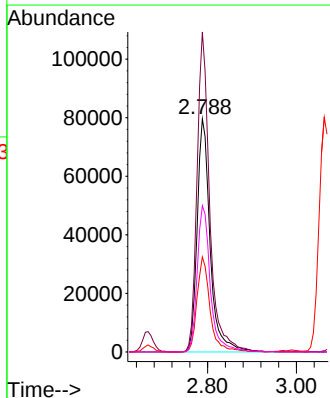
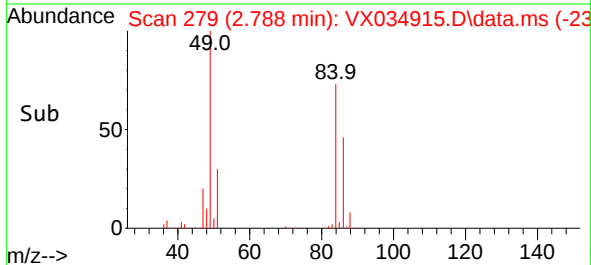
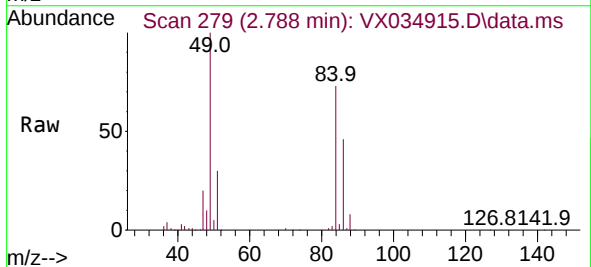
Manual Integrations
APPROVED

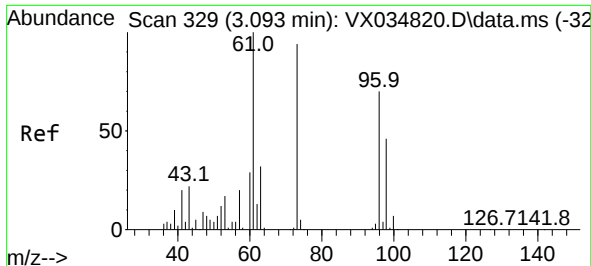
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#20
Methylene Chloride
Concen: 47.120 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

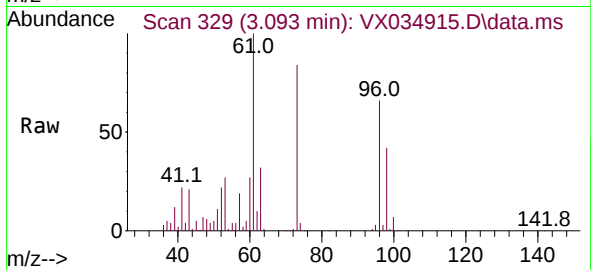
Tgt Ion: 84 Resp: 162058
Ion Ratio Lower Upper
84 100
49 137.3 103.8 155.8
51 40.8 31.8 47.8
86 62.8 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 48.161 ug/l
RT: 3.093 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

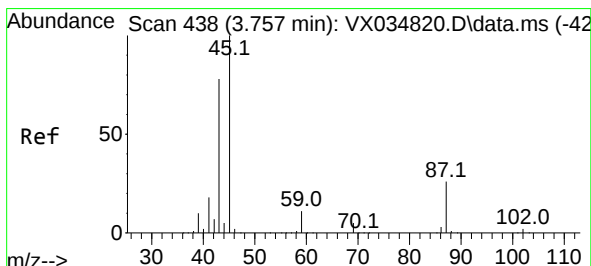
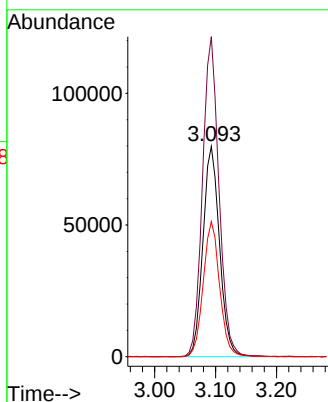
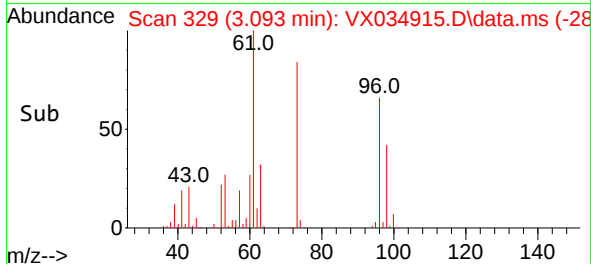
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 15127
Ion Ratio Lower Upper
96 100
61 152.1 113.0 169.6
98 64.3 52.1 78.1

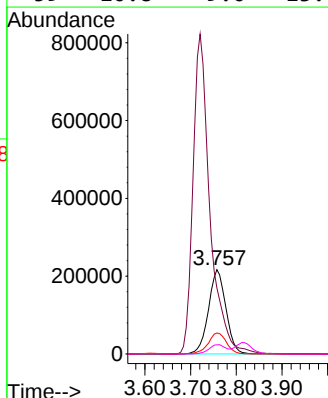
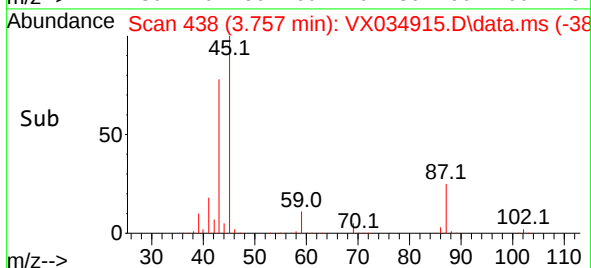
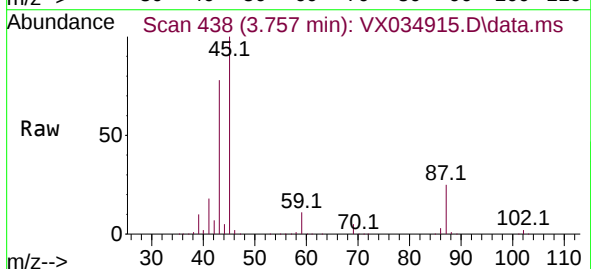
Manual Integrations
APPROVED

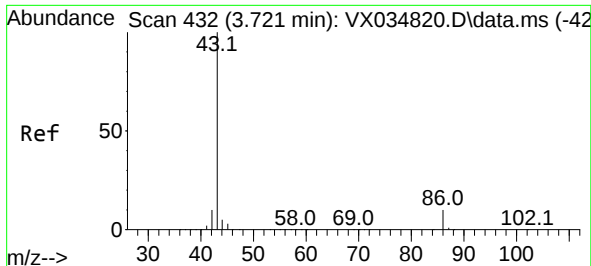
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#22
Diisopropyl ether
Concen: 50.382 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

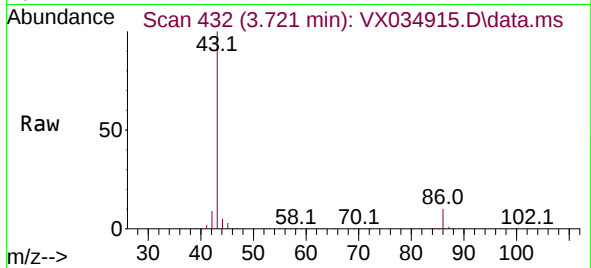
Tgt Ion: 45 Resp: 573574
Ion Ratio Lower Upper
45 100
43 78.0 65.4 98.2
87 24.8 20.6 31.0
59 10.8 9.0 13.6





#23
 Vinyl Acetate
 Concen: 260.655 ug/l
 RT: 3.721 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX034915.D
 Acq: 01 Apr 2023 10:01

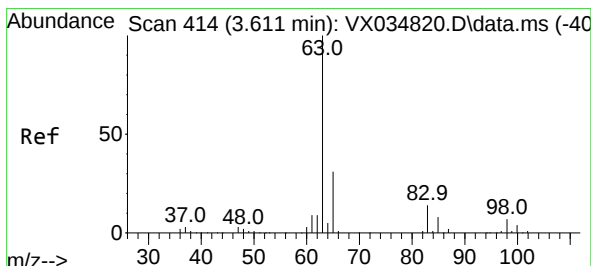
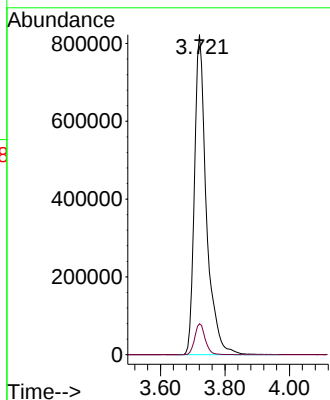
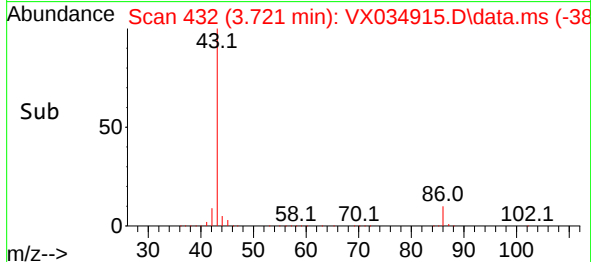
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



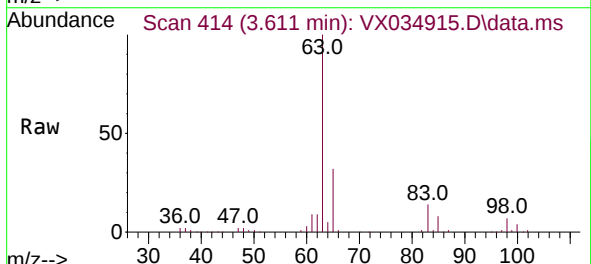
Tgt Ion: 43 Resp: 211634
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.5 12.7

Manual Integrations
 APPROVED

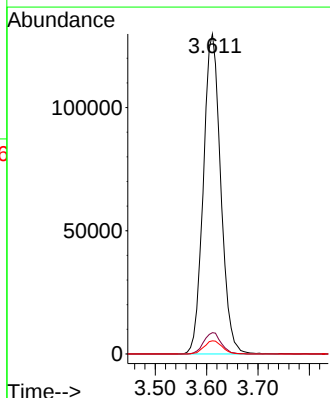
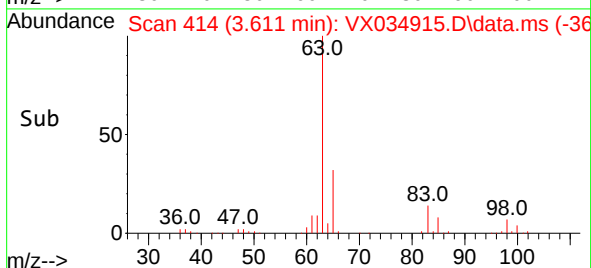
Reviewed By :John Carlone 04/03/2023
 Supervised By :Mahesh Dadoda 04/03/2023

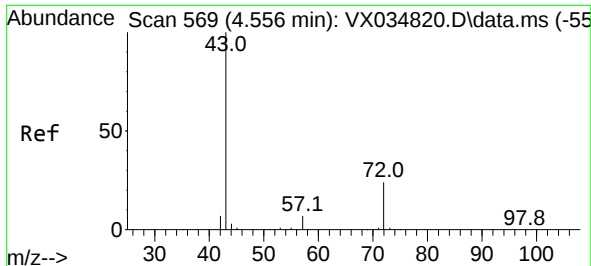


#24
 1,1-Dichloroethane
 Concen: 49.759 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX034915.D
 Acq: 01 Apr 2023 10:01



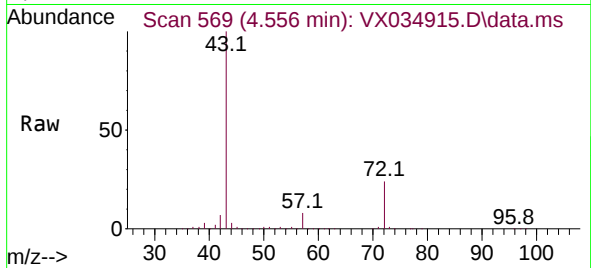
Tgt Ion: 63 Resp: 304795
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.8 11.2
 100 4.1 2.4 7.1





#25
2-Butanone
Concen: 256.929 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

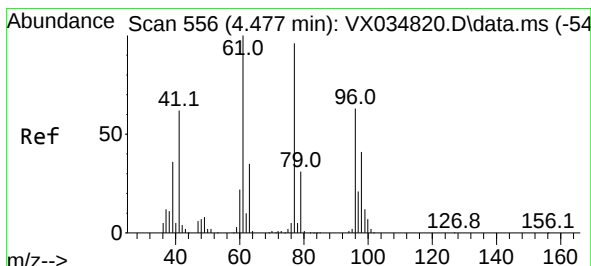
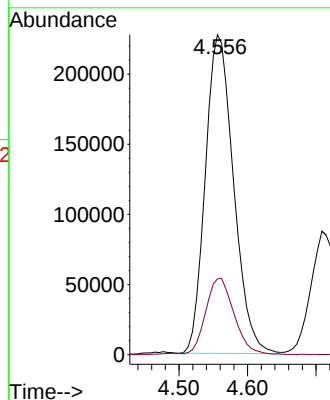
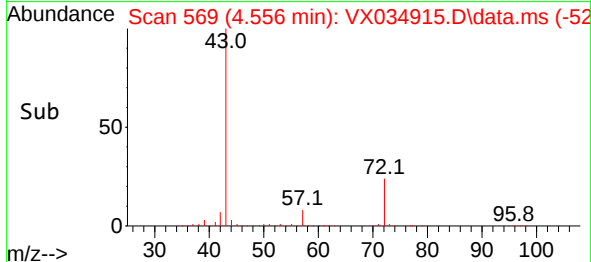
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 651380
Ion Ratio Lower Upper
43 100
72 23.6 19.3 28.9

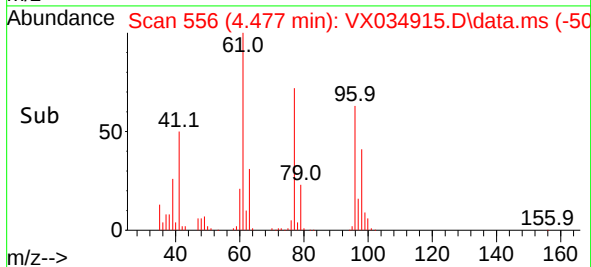
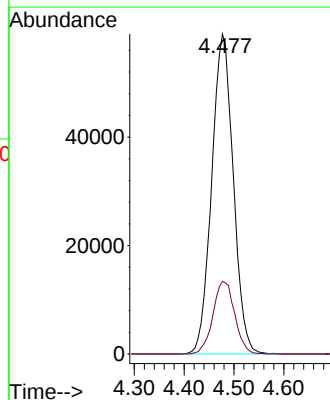
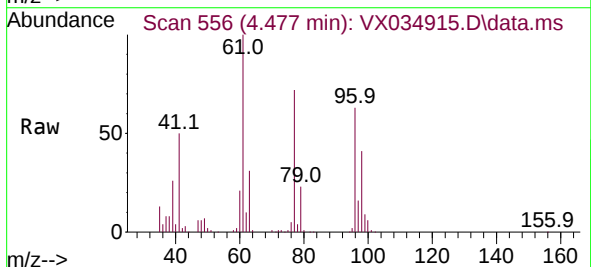
Manual Integrations
APPROVED

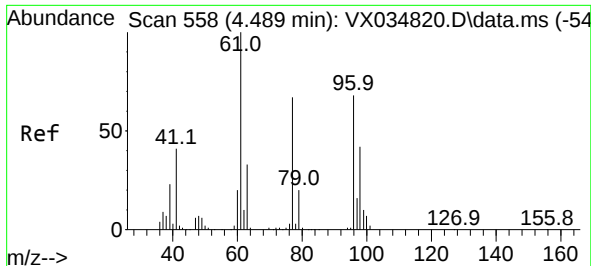
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#26
2,2-Dichloropropane
Concen: 35.182 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

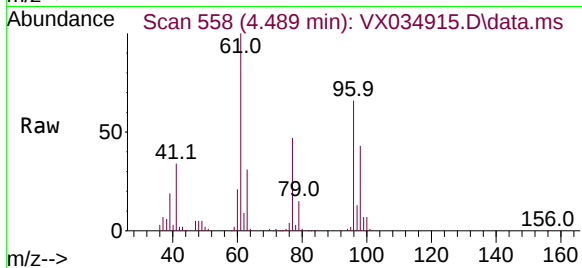
Tgt Ion: 77 Resp: 177224
Ion Ratio Lower Upper
77 100
97 22.9 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 48.367 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. -0.000 min
 Lab File: VX034915.D
 Acq: 01 Apr 2023 10:01

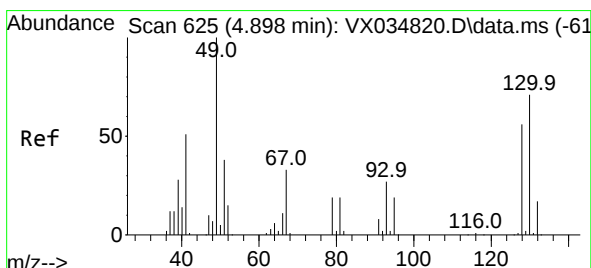
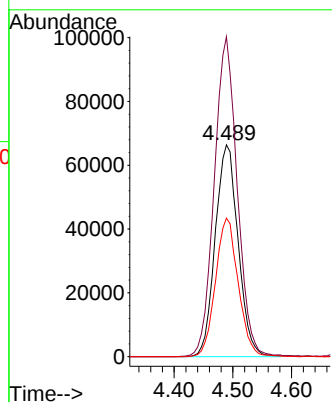
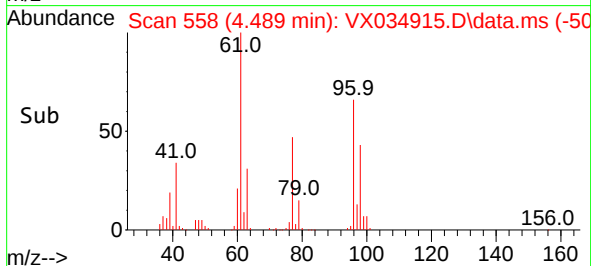
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 180010
 Ion Ratio Lower Upper
 96 100
 61 151.6 0.0 300.4
 98 64.9 0.0 129.0

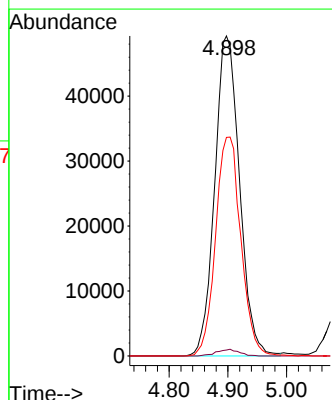
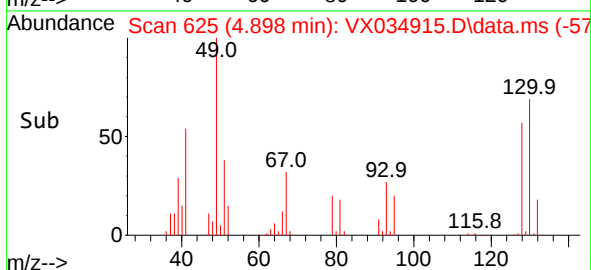
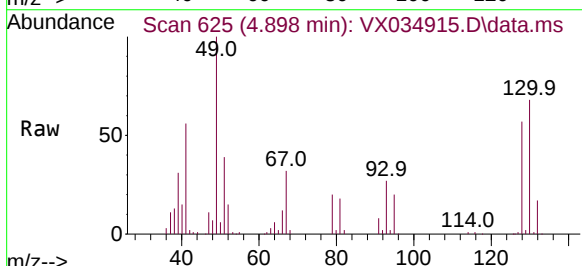
Manual Integrations
 APPROVED

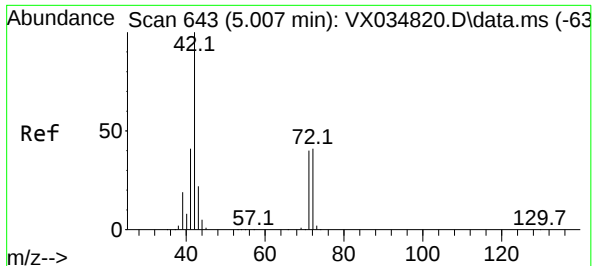
Reviewed By :John Carlone 04/03/2023
 Supervised By :Mahesh Dadoda 04/03/2023



#28
 Bromochloromethane
 Concen: 48.316 ug/l
 RT: 4.898 min Scan# 625
 Delta R.T. 0.000 min
 Lab File: VX034915.D
 Acq: 01 Apr 2023 10:01

Tgt Ion: 49 Resp: 144774
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.0
 130 69.4 58.2 87.2





#29

Tetrahydrofuran

Concen: 267.474 ug/l

RT: 5.001 min Scan# 643

Delta R.T. -0.006 min

Lab File: VX034915.D

Acq: 01 Apr 2023 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 424810

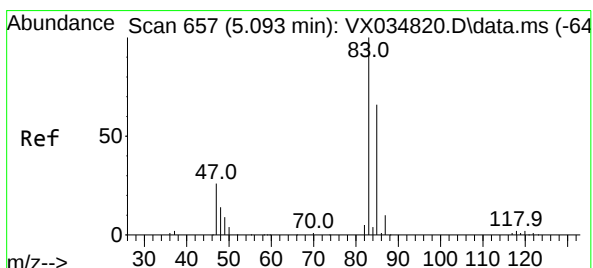
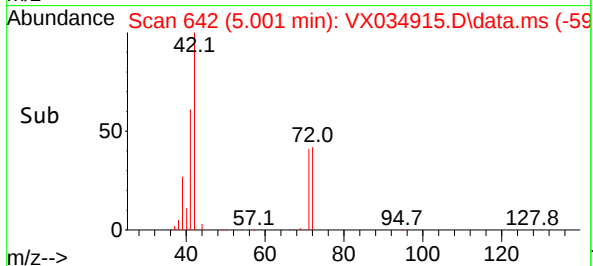
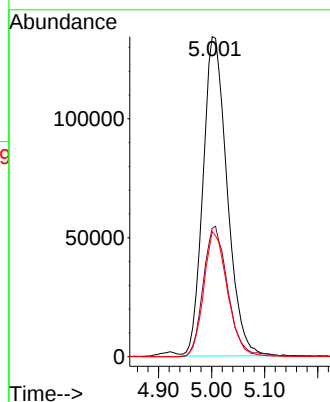
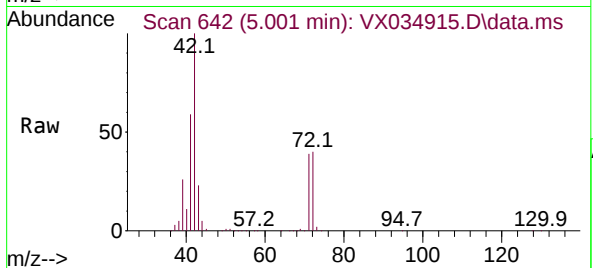
Ion	Ratio	Lower	Upper
42	100		
72	41.5	34.5	51.7
71	38.6	32.1	48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#30

Chloroform

Concen: 49.947 ug/l

RT: 5.093 min Scan# 657

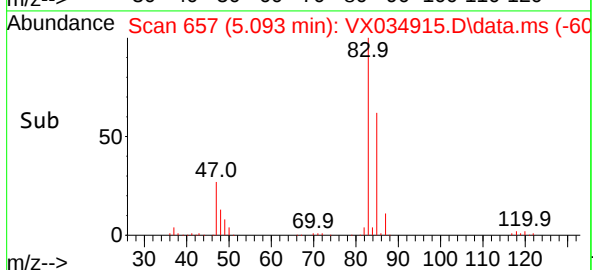
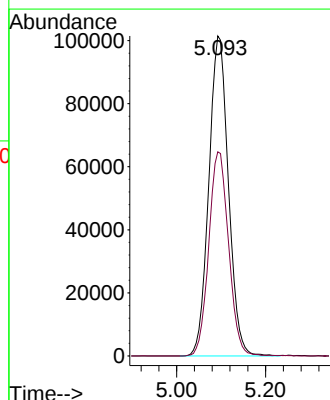
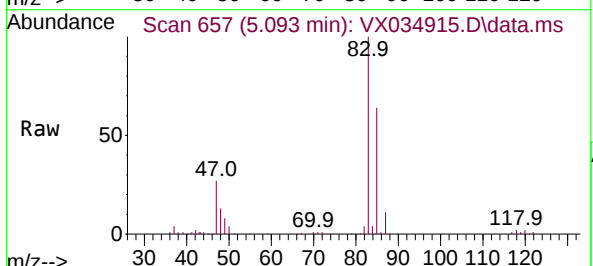
Delta R.T. -0.000 min

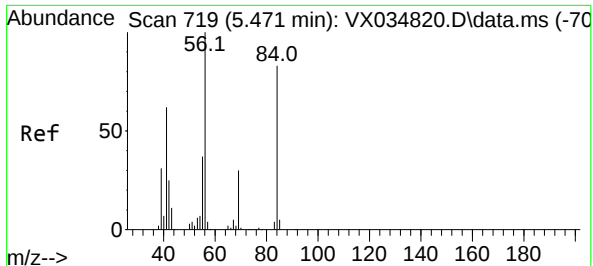
Lab File: VX034915.D

Acq: 01 Apr 2023 10:01

Tgt Ion: 83 Resp: 310747

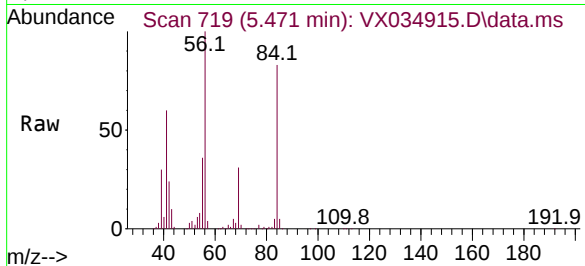
Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.6	76.0





#31
Cyclohexane
Concen: 50.458 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

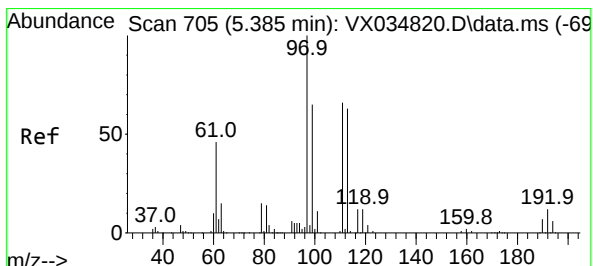
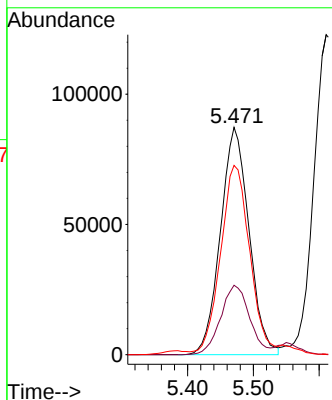
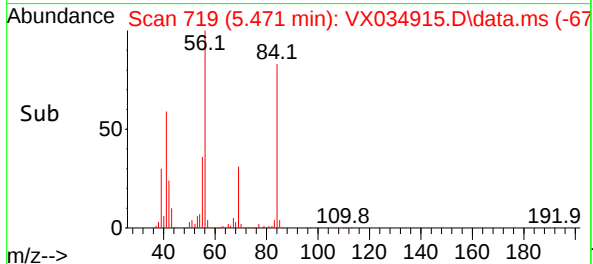
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



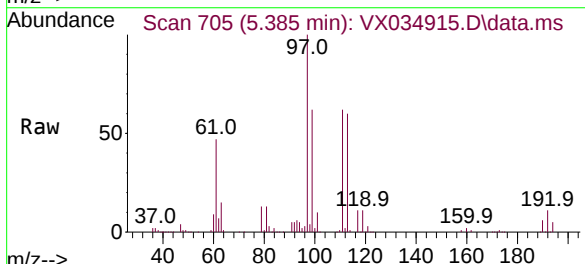
Tgt Ion: 56 Resp: 26360
Ion Ratio Lower Upper
56 100
69 30.6 23.7 35.5
84 81.5 68.5 102.7

Manual Integrations
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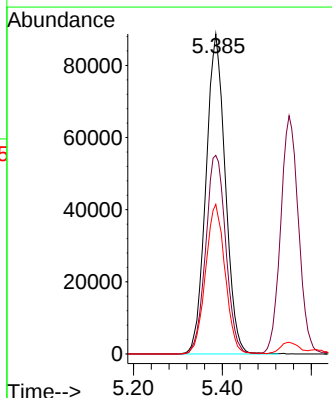
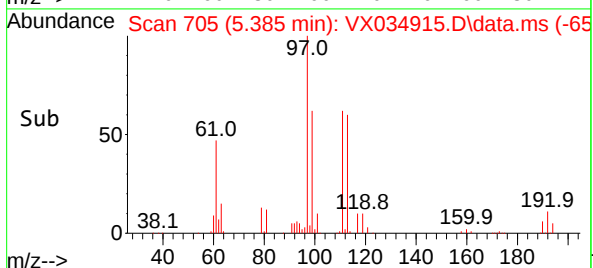
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

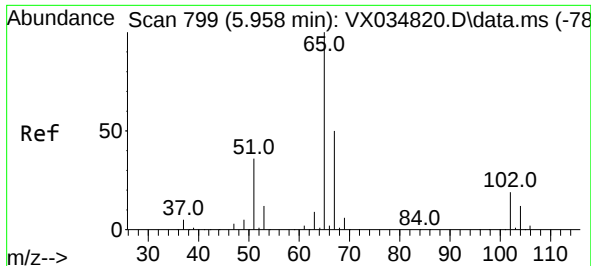


#32
1,1,1-Trichloroethane
Concen: 50.589 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01



Tgt Ion: 97 Resp: 268587
Ion Ratio Lower Upper
97 100
99 64.4 51.1 76.7
61 47.3 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 51.354 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX034915.D

Acq: 01 Apr 2023 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 220320

Ion Ratio Lower Upper

65 100

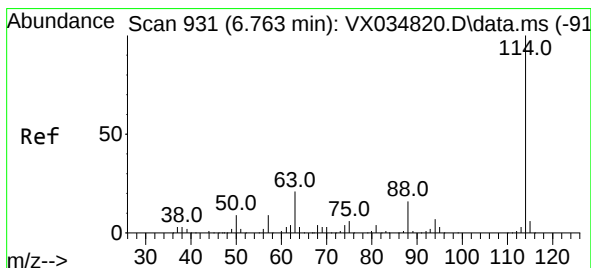
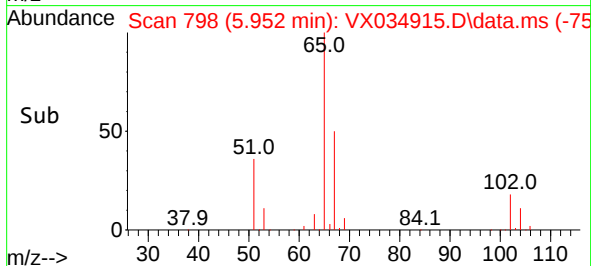
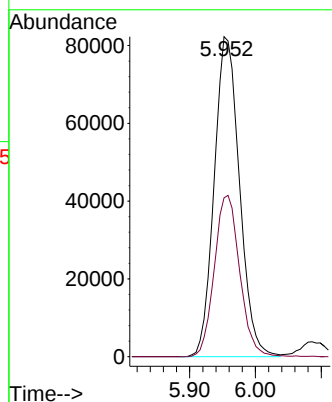
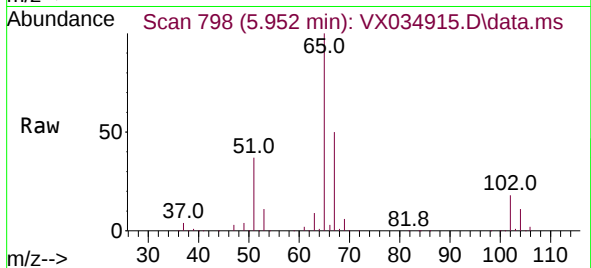
67 50.5 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX034915.D

Acq: 01 Apr 2023 10:01

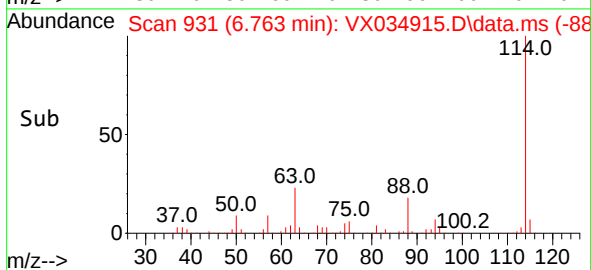
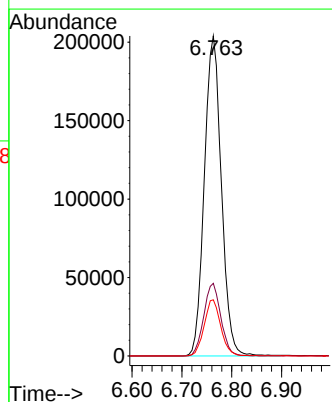
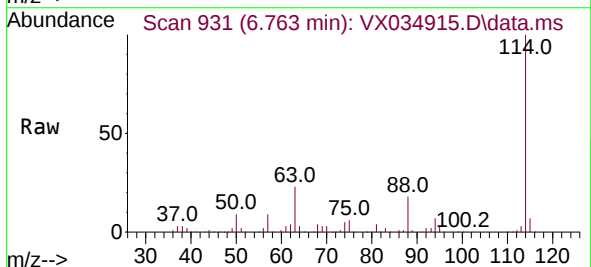
Tgt Ion:114 Resp: 483833

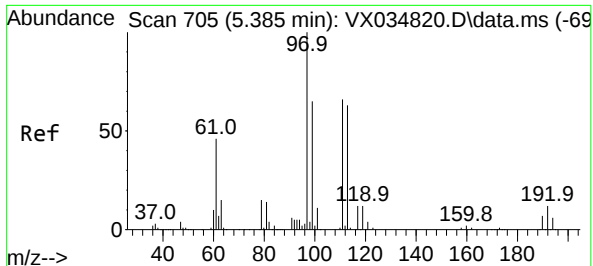
Ion Ratio Lower Upper

114 100

63 22.7 0.0 42.2

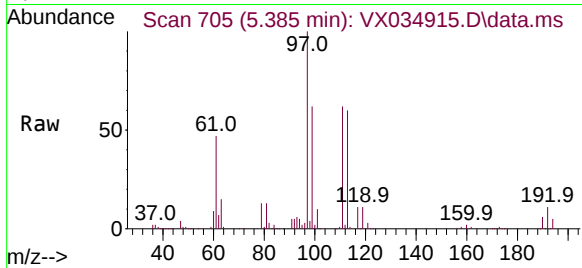
88 17.5 0.0 33.2





#35
Dibromofluoromethane
Concen: 49.186 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

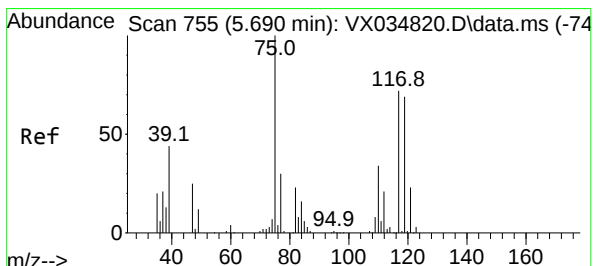
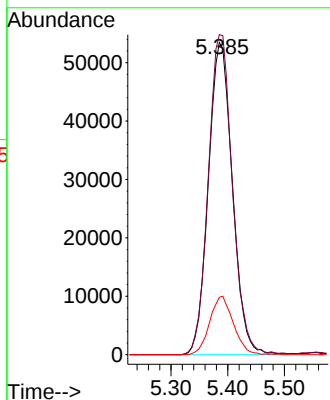
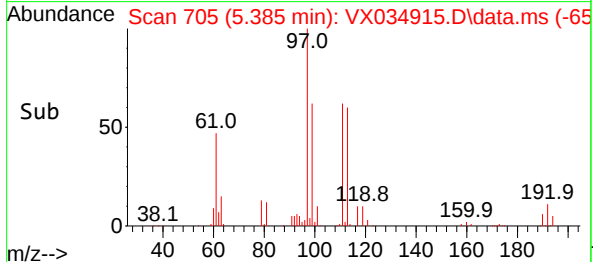
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 15740
Ion Ratio Lower Upper
113 100
111 102.9 83.7 125.5
192 18.5 15.4 23.2

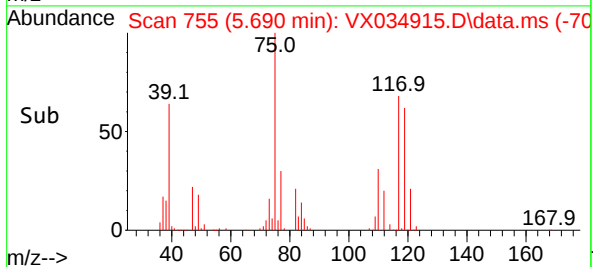
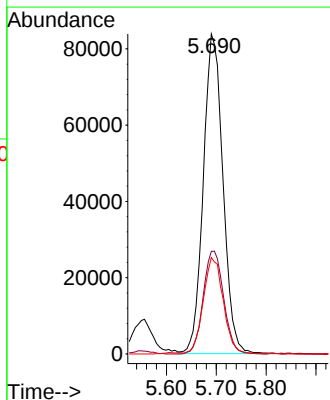
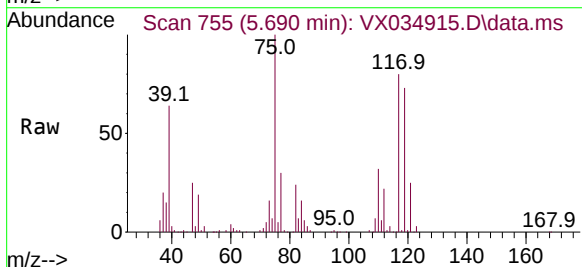
Manual Integrations
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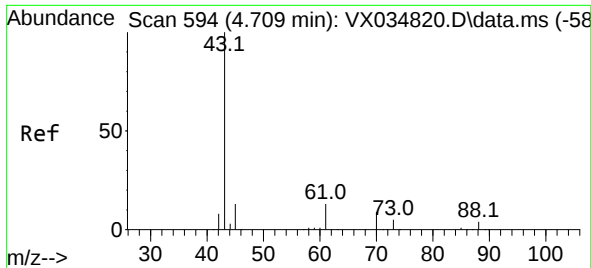
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#36
1,1-Dichloropropene
Concen: 48.409 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

Tgt Ion: 75 Resp: 229511
Ion Ratio Lower Upper
75 100
110 33.4 17.5 52.5
77 30.7 24.3 36.5





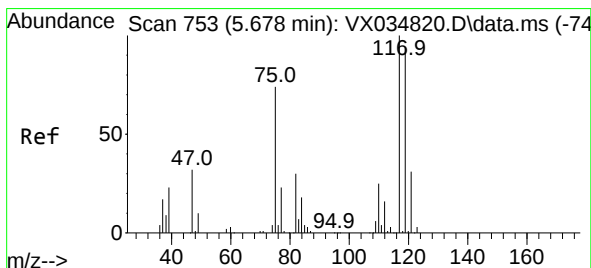
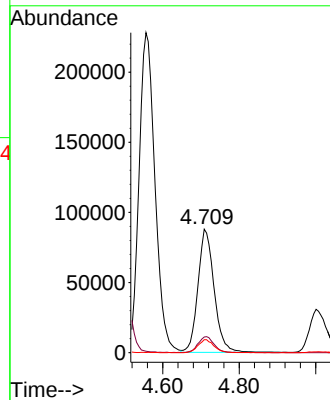
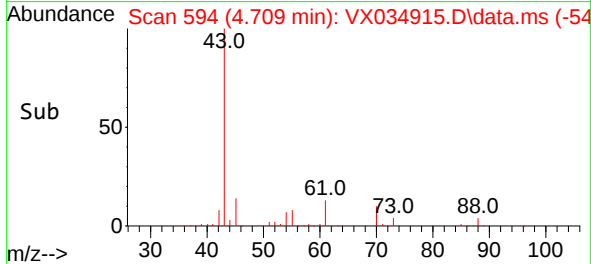
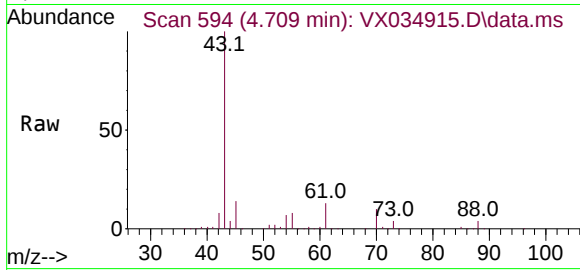
#37
Ethyl Acetate
Concen: 52.124 ug/l
RT: 4.709 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 258400
Ion Ratio Lower Upper
43 100
61 12.7 10.2 15.4
70 10.4 8.2 12.4

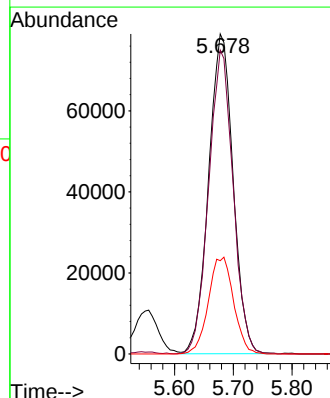
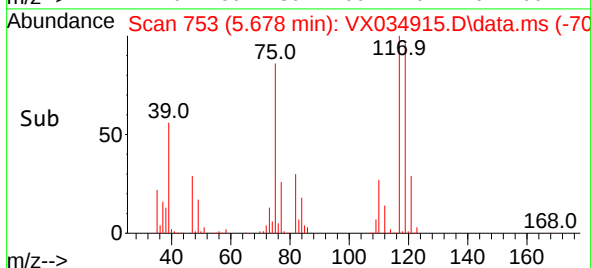
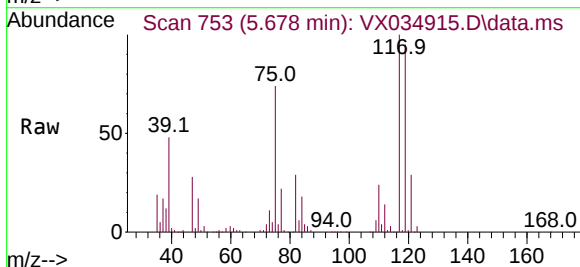
Manual Integrations
APPROVED

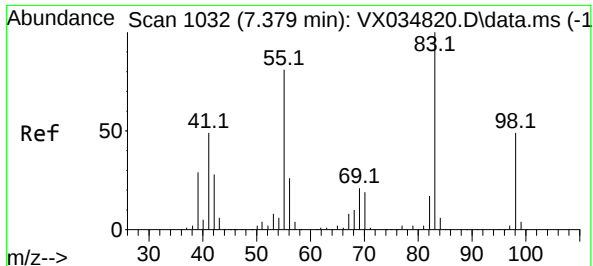
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#38
Carbon Tetrachloride
Concen: 51.093 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

Tgt Ion:117 Resp: 228383
Ion Ratio Lower Upper
117 100
119 95.0 76.6 114.8
121 29.2 23.8 35.6





#39

Methylcyclohexane

Concen: 46.934 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX034915.D

Acq: 01 Apr 2023 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 23629

Ion Ratio Lower Upper

83 100

55 83.3 60.5 90.7

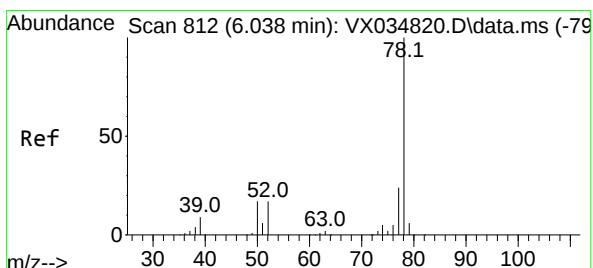
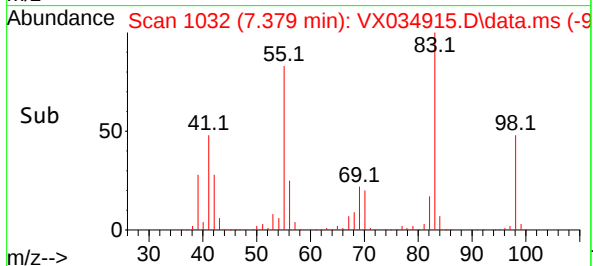
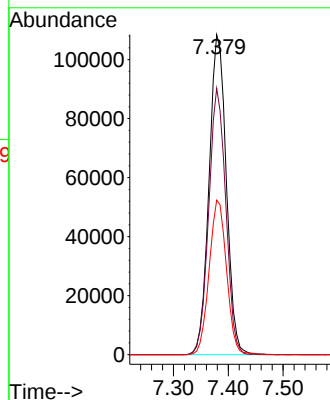
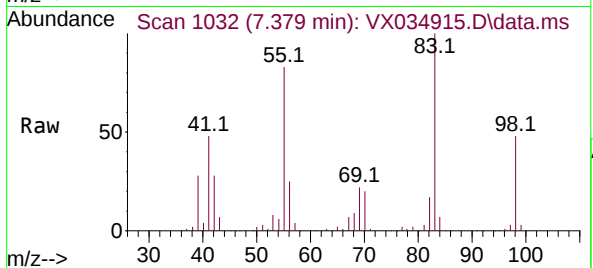
98 48.3 40.4 60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#40

Benzene

Concen: 47.888 ug/l

RT: 6.038 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX034915.D

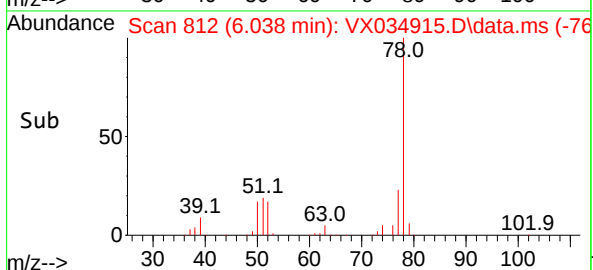
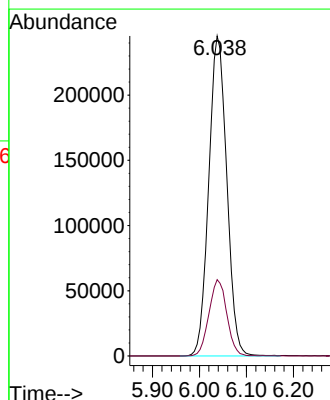
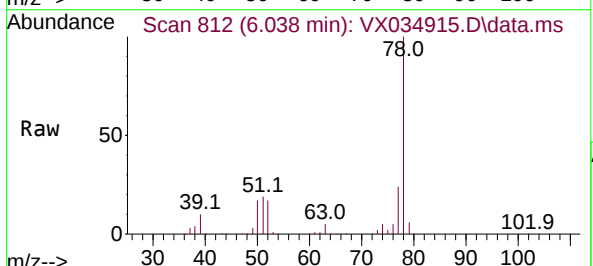
Acq: 01 Apr 2023 10:01

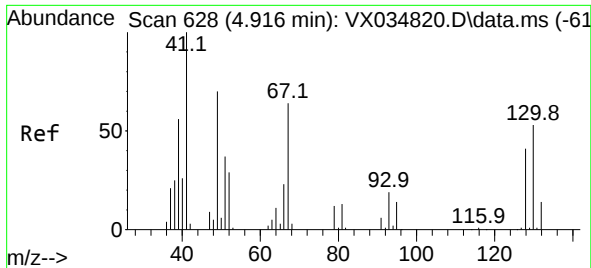
Tgt Ion: 78 Resp: 651752

Ion Ratio Lower Upper

78 100

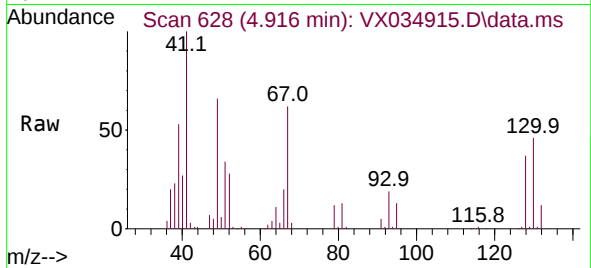
77 23.9 19.0 28.4





#41
Methacrylonitrile
Concen: 54.777 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

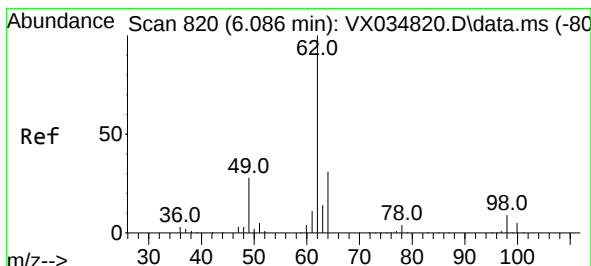
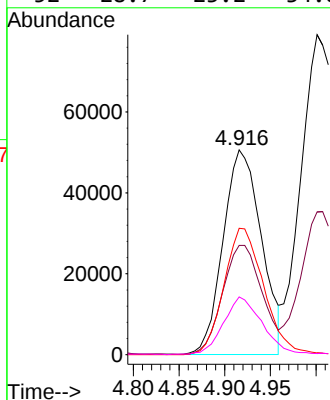
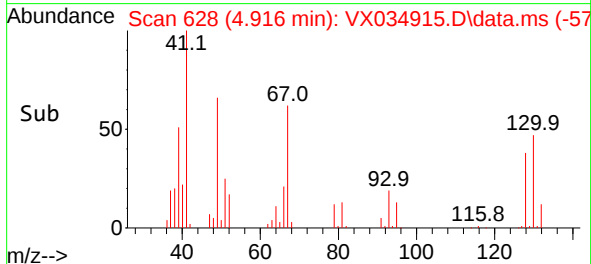
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 14768
Ion Ratio Lower Upper
41 100
39 54.5 45.0 67.6
67 64.4 55.6 83.4
52 28.7 23.2 34.8

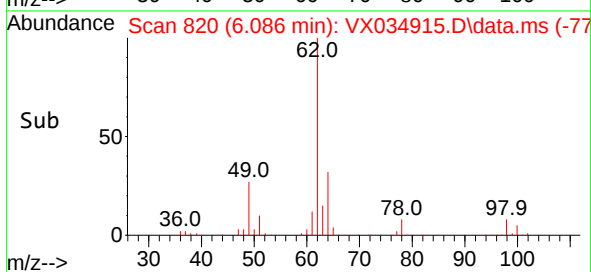
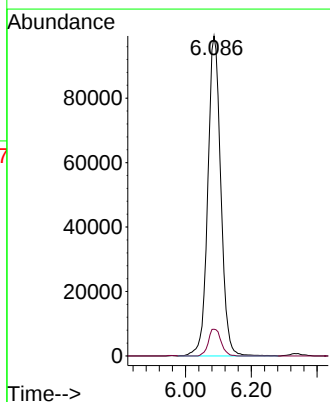
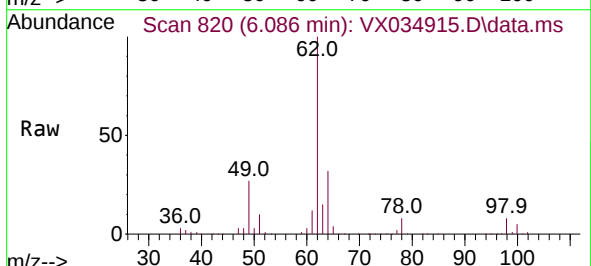
Manual Integrations
APPROVED

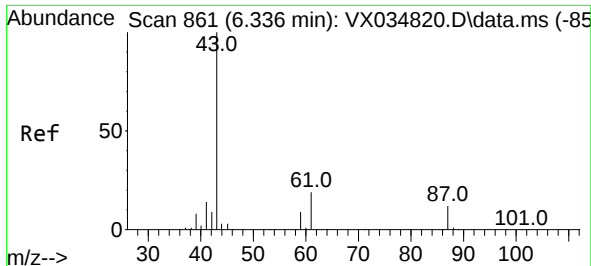
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#42
1,2-Dichloroethane
Concen: 50.413 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

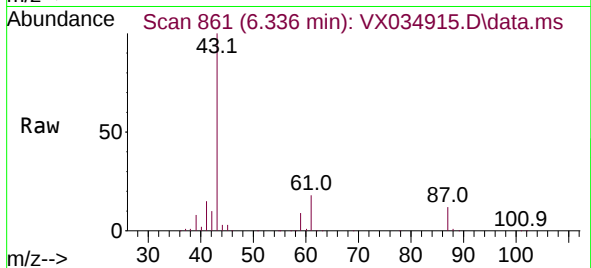
Tgt Ion: 62 Resp: 272777
Ion Ratio Lower Upper
62 100
98 8.2 0.0 18.0





#43
Isopropyl Acetate
Concen: 50.486 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

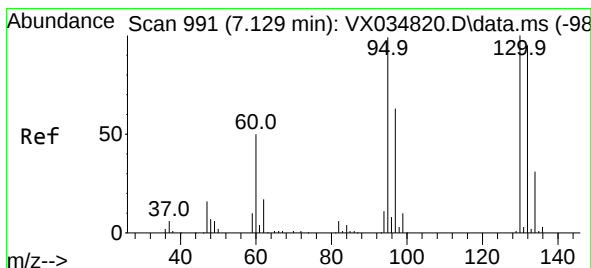
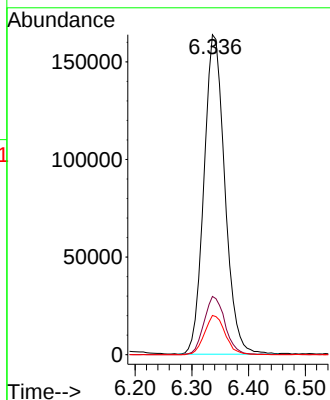
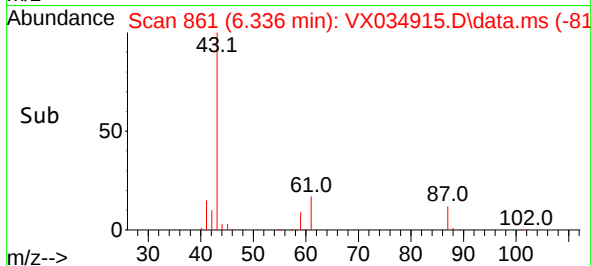
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 41872
Ion Ratio Lower Upper
43 100
61 18.3 15.2 22.8
87 12.2 9.8 14.8

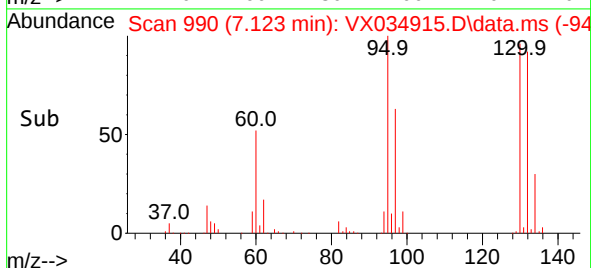
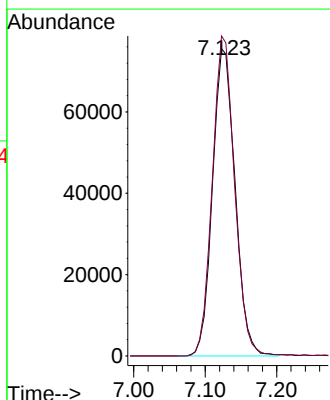
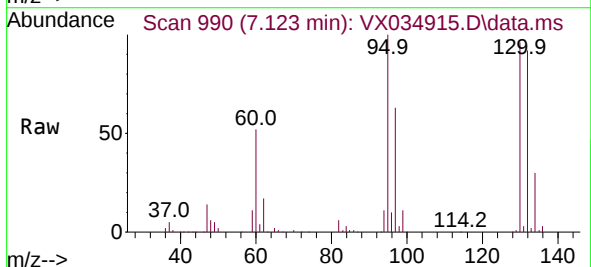
Manual Integrations
APPROVED

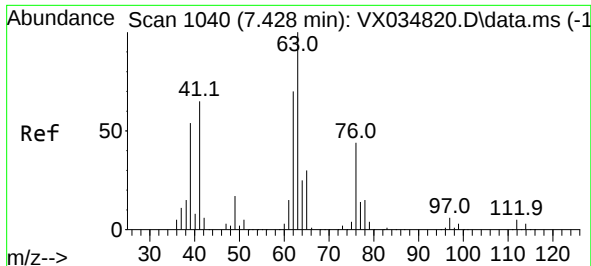
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#44
Trichloroethene
Concen: 47.747 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

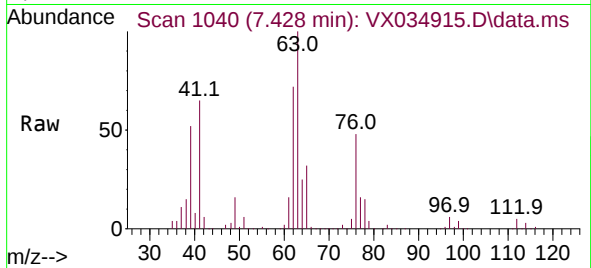
Tgt Ion:130 Resp: 165882
Ion Ratio Lower Upper
130 100
95 104.1 0.0 198.4





#45
1,2-Dichloropropane
Concen: 48.488 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

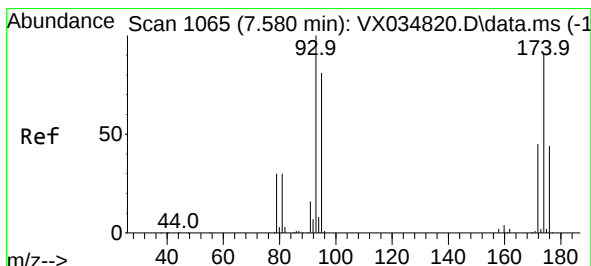
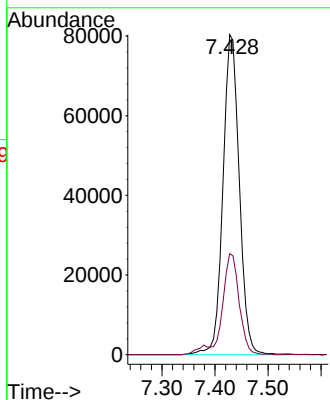
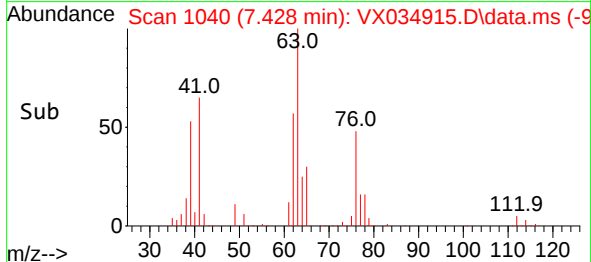
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 63 Resp: 171960
Ion Ratio Lower Upper
63 100
65 31.5 24.6 37.0

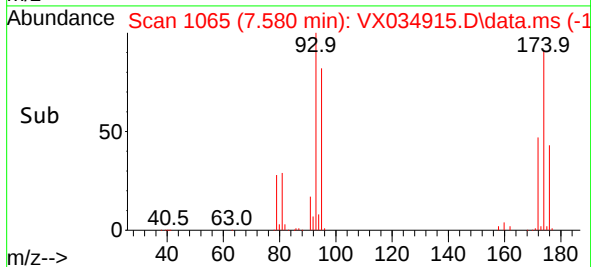
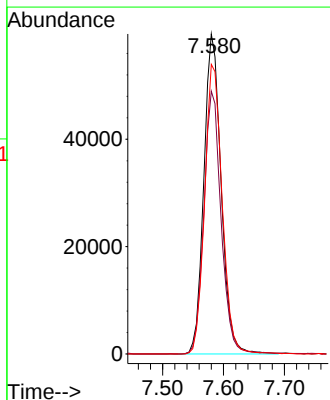
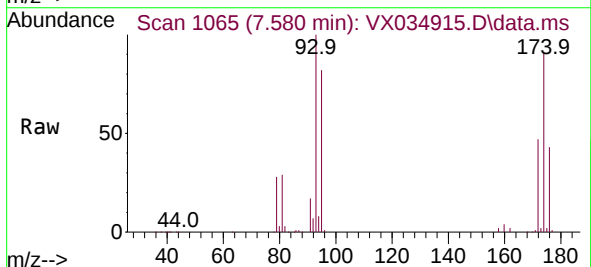
Manual Integrations
APPROVED

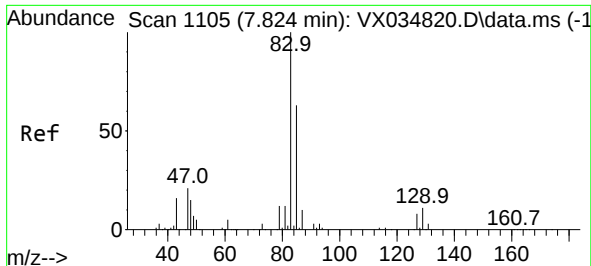
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#46
Dibromomethane
Concen: 48.139 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

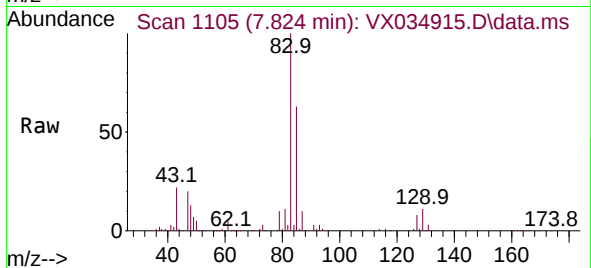
Tgt Ion: 93 Resp: 117468
Ion Ratio Lower Upper
93 100
95 82.3 66.9 100.3
174 91.8 75.4 113.0





#47
Bromodichloromethane
Concen: 51.071 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

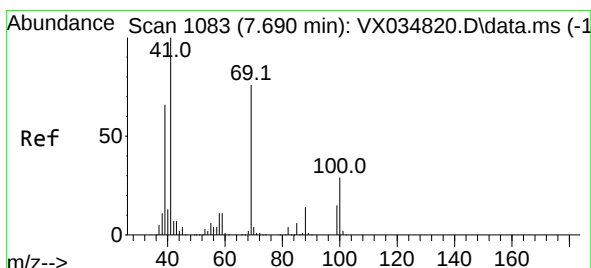
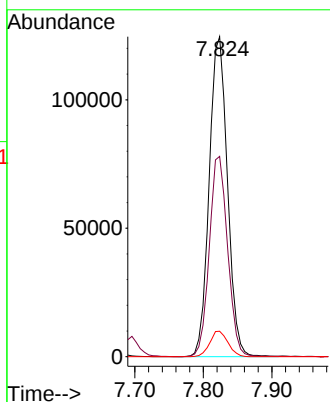
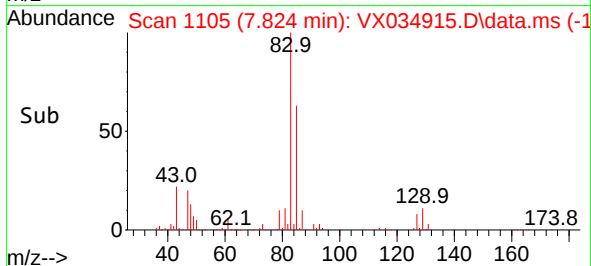
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 230190
Ion Ratio Lower Upper
83 100
85 62.6 52.2 78.4
127 8.0 6.6 9.8

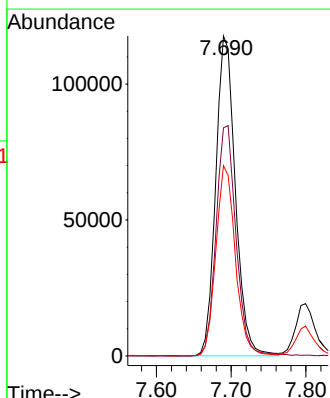
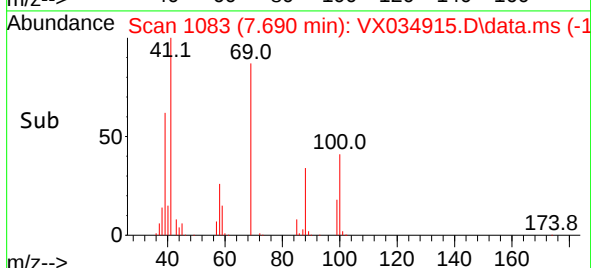
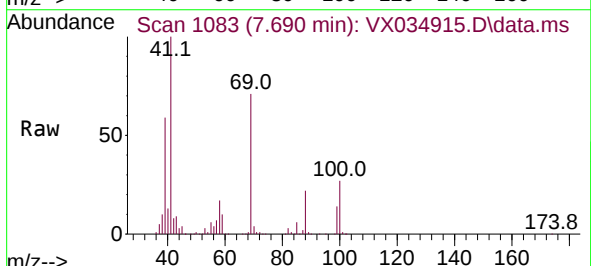
Manual Integrations
APPROVED

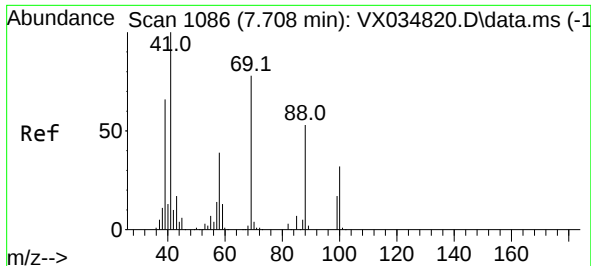
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#48
Methyl methacrylate
Concen: 52.826 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

Tgt Ion: 41 Resp: 215165
Ion Ratio Lower Upper
41 100
69 73.4 62.2 93.4
39 59.4 47.7 71.5





#49

1,4-Dioxane

Concen: 932.493 ug/l

RT: 7.696 min Scan# 1086

Delta R.T. -0.012 min

Lab File: VX034915.D

Acq: 01 Apr 2023 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

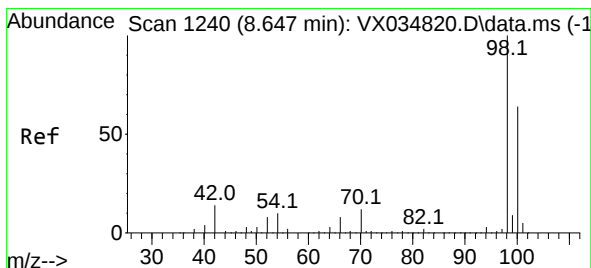
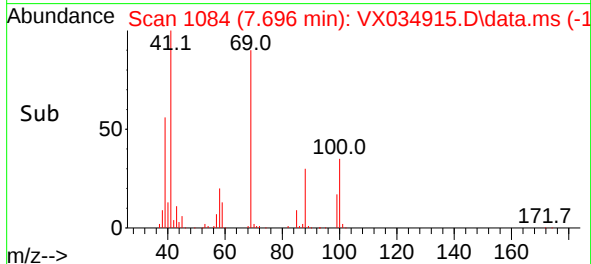
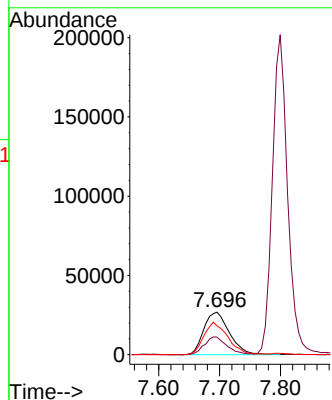
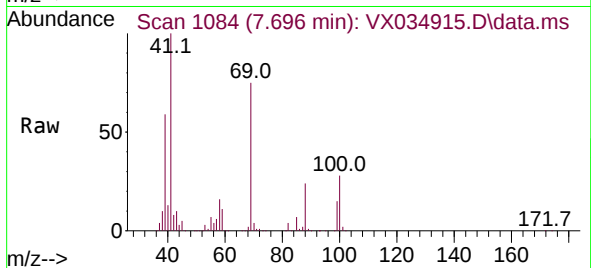
Tgt Ion: 88	Resp: 7827
Ion Ratio	Lower Upper
88 100	
43 37.3	27.7 41.5
58 71.5	56.8 85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#50

Toluene-d8

Concen: 49.043 ug/l

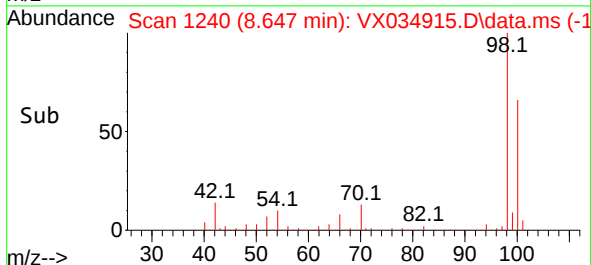
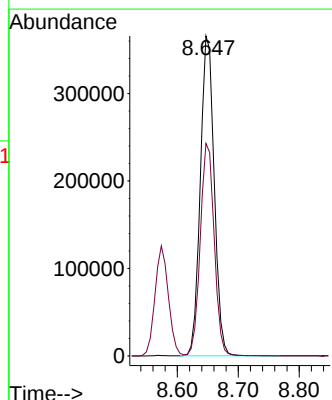
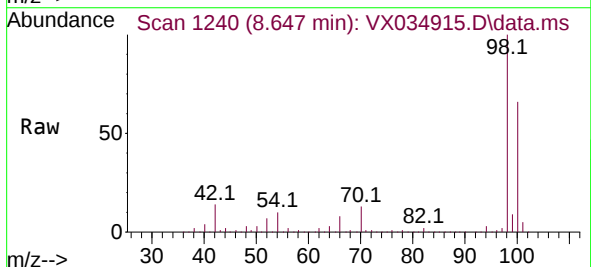
RT: 8.647 min Scan# 1240

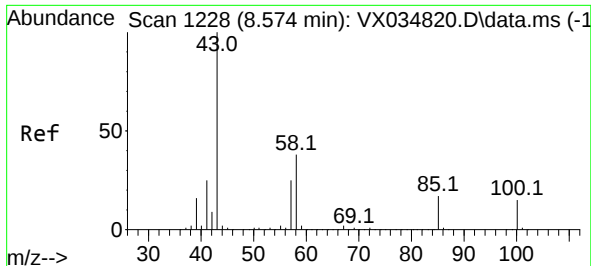
Delta R.T. 0.000 min

Lab File: VX034915.D

Acq: 01 Apr 2023 10:01

Tgt Ion: 98	Resp: 579292
Ion Ratio	Lower Upper
98 100	
100 66.6	52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 263.243 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

Instrument :

MSVOA_X

ClientSampleId :

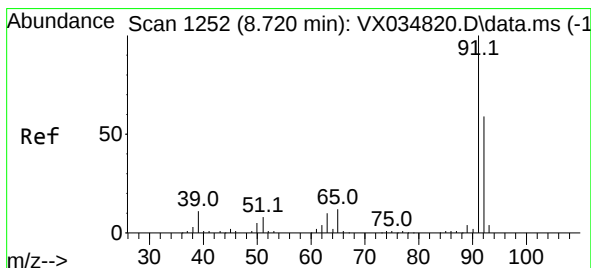
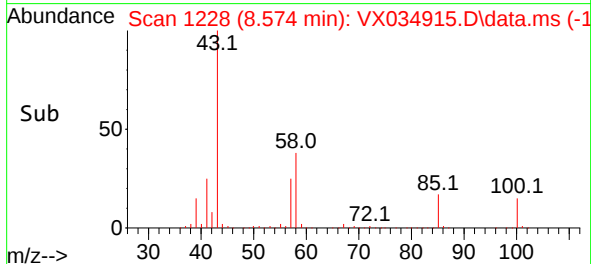
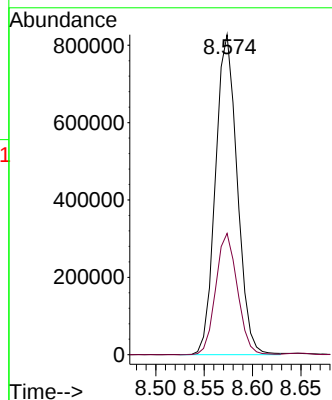
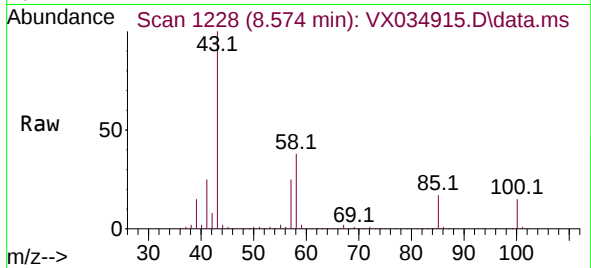
VSTDCCC050EC

Tgt Ion: 43 Resp: 129215
Ion Ratio Lower Upper
43 100
58 37.7 30.6 46.0

Manual Integrations

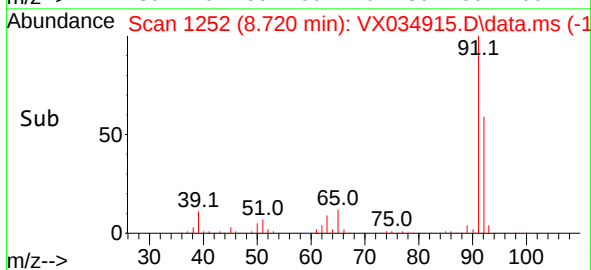
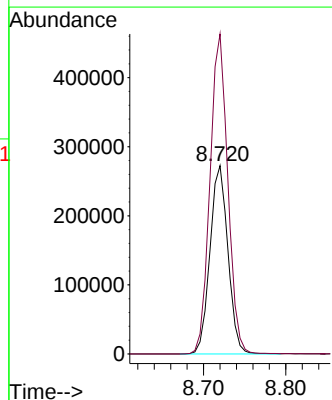
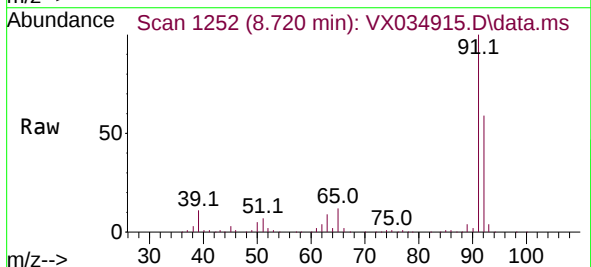
APPROVED

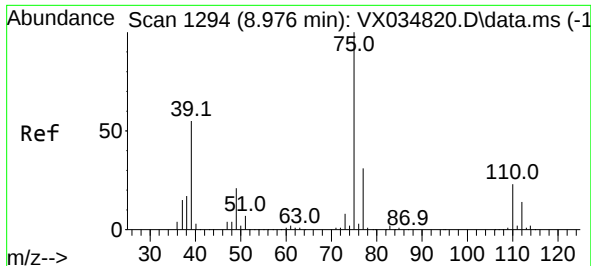
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#52
Toluene
Concen: 46.596 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

Tgt Ion: 92 Resp: 413485
Ion Ratio Lower Upper
92 100
91 168.7 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 47.709 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VX034915.D

Acq: 01 Apr 2023 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 231330

Ion Ratio Lower Upper

75 100

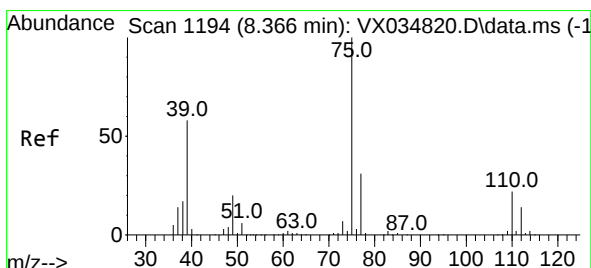
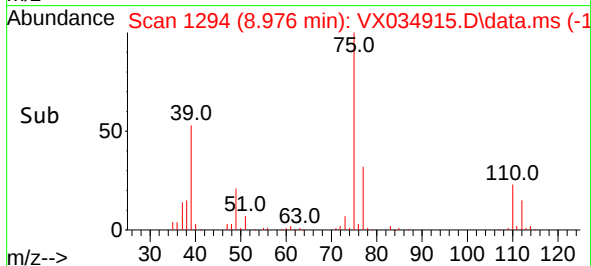
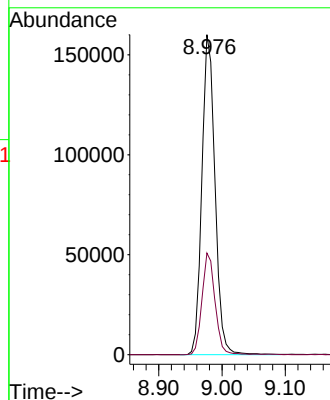
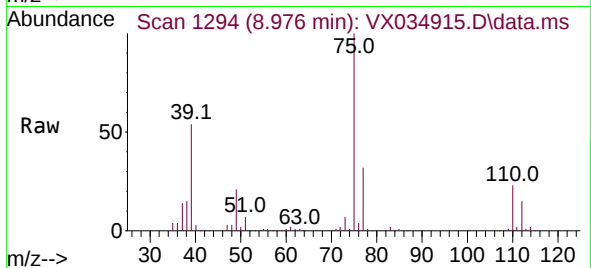
77 31.7 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#54

cis-1,3-Dichloropropene

Concen: 47.970 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX034915.D

Acq: 01 Apr 2023 10:01

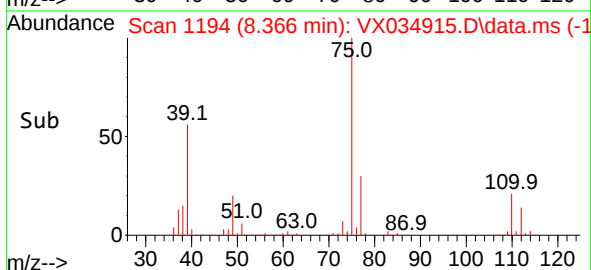
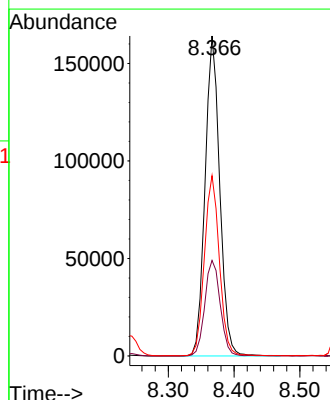
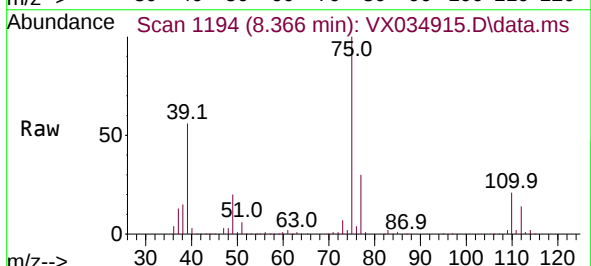
Tgt Ion: 75 Resp: 254551

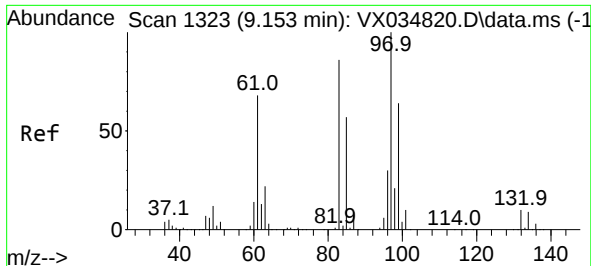
Ion Ratio Lower Upper

75 100

77 29.8 25.0 37.4

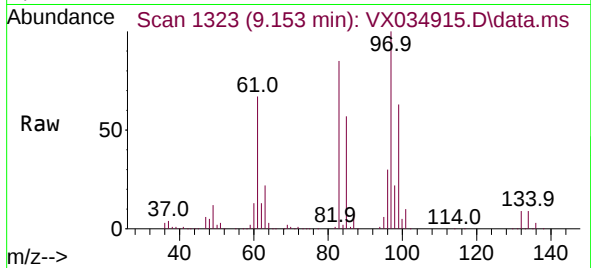
39 56.3 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 48.992 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

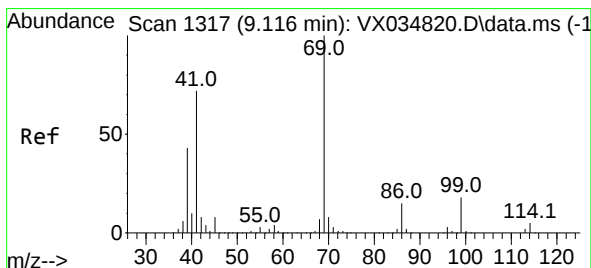
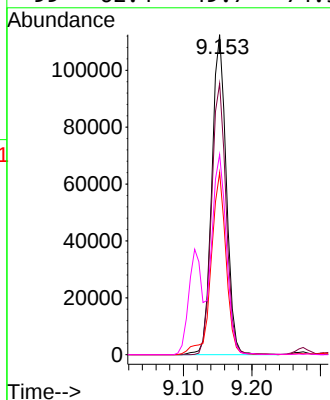
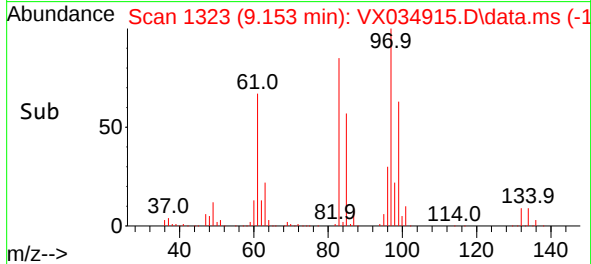
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.8	69.7	104.5
85	56.8	43.7	65.5
99	62.4	49.7	74.5

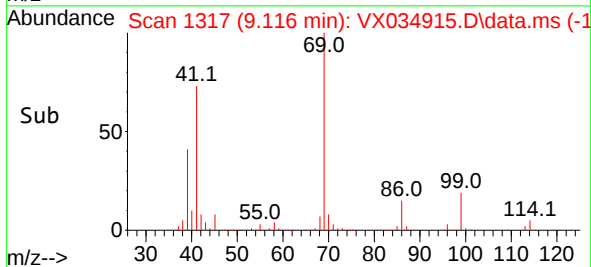
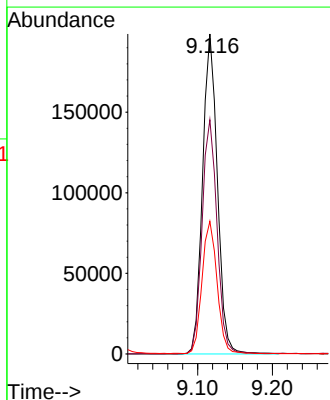
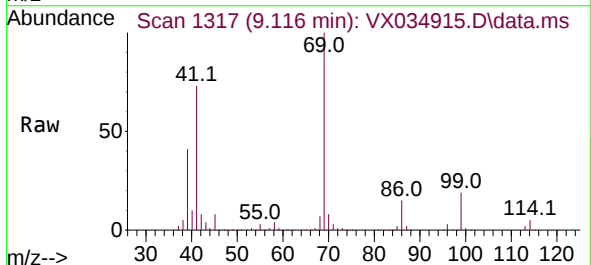
Manual Integrations
APPROVED

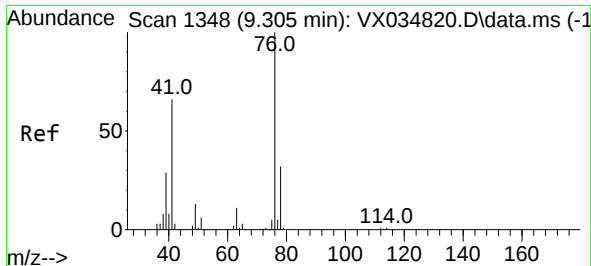
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#56
Ethyl methacrylate
Concen: 51.992 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

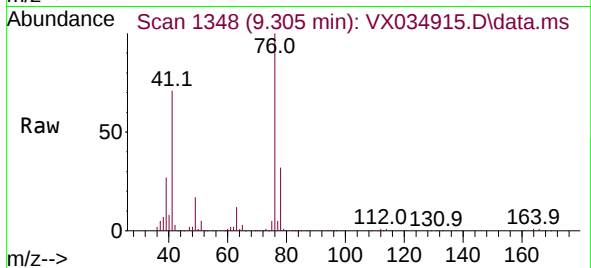
Tgt Ion	Ratio	Lower	Upper
69	100		
41	73.9	57.4	86.0
39	42.0	33.7	50.5





#57
1,3-Dichloropropane
Concen: 49.248 ug/l
RT: 9.305 min Scan# 111
Delta R.T. 0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

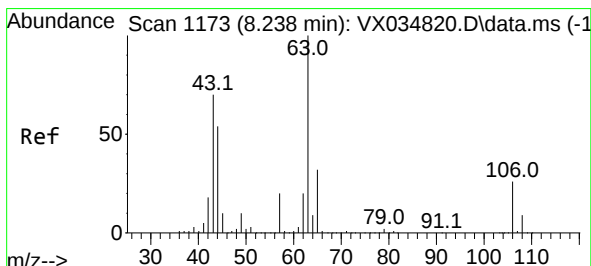
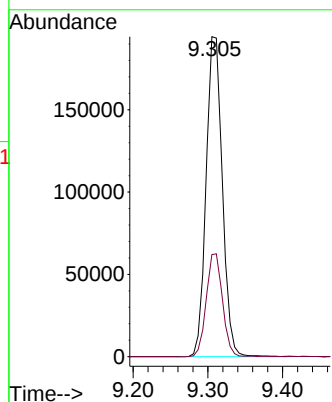
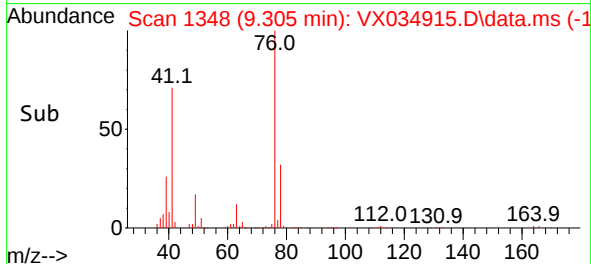
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



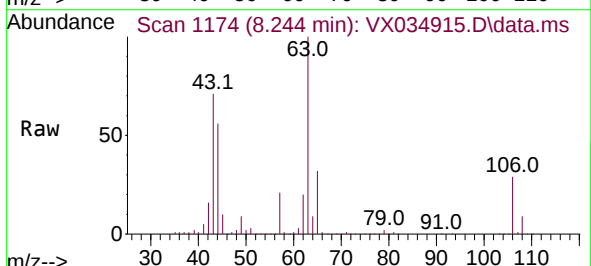
Tgt Ion: 76 Resp: 29292
Ion Ratio Lower Upper
76 100
78 32.2 25.8 38.8

Manual Integrations
APPROVED

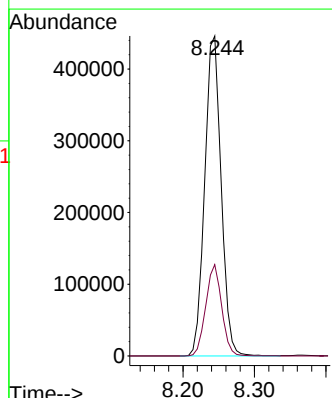
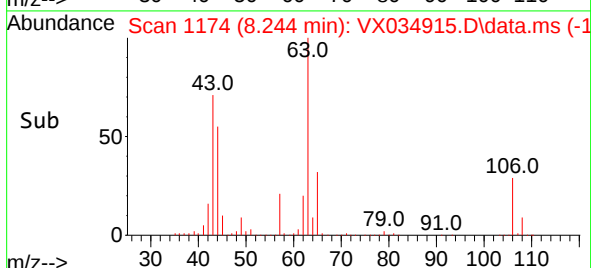
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

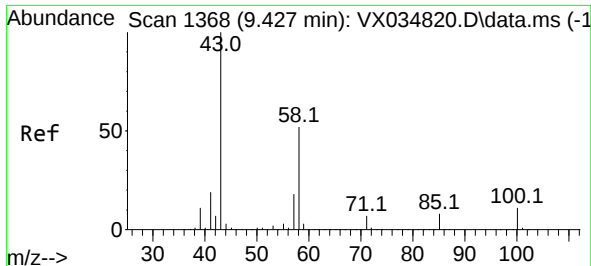


#58
2-Chloroethyl Vinyl ether
Concen: 265.740 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01



Tgt Ion: 63 Resp: 712015
Ion Ratio Lower Upper
63 100
106 27.7 22.2 33.2





#59

2-Hexanone

Concen: 263.287 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX034915.D

Acq: 01 Apr 2023 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 977498

Ion Ratio Lower Upper

43 100

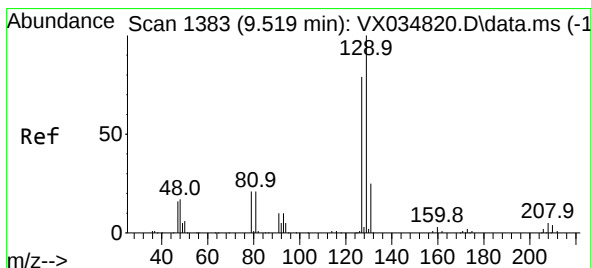
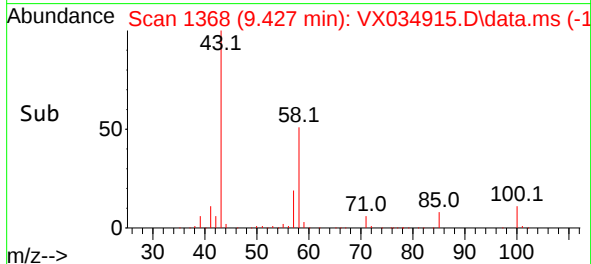
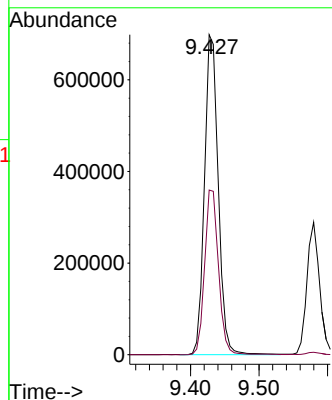
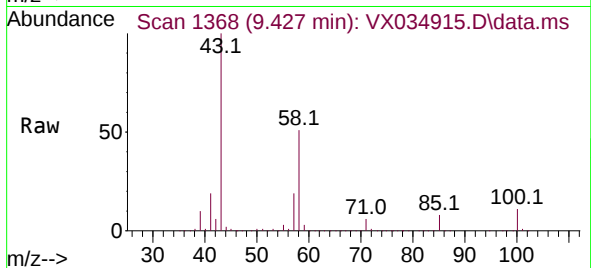
58 51.9 26.3 78.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#60

Dibromochloromethane

Concen: 51.171 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX034915.D

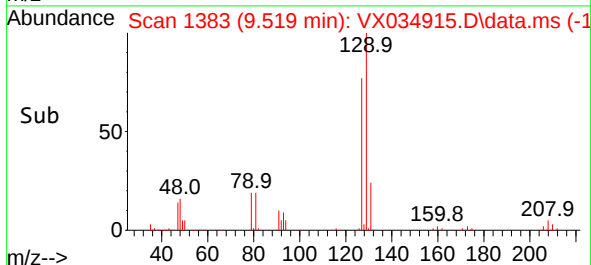
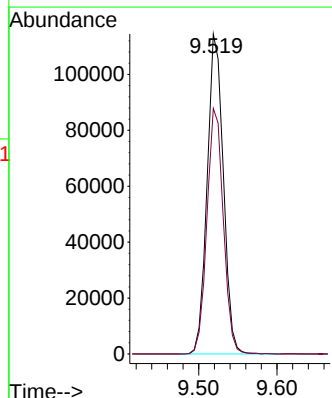
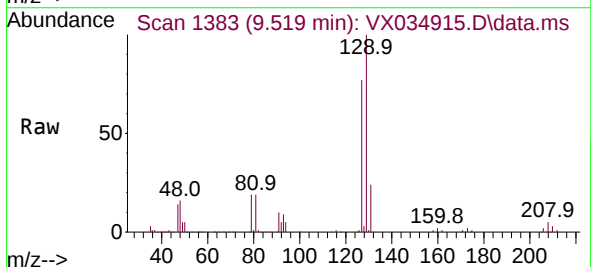
Acq: 01 Apr 2023 10:01

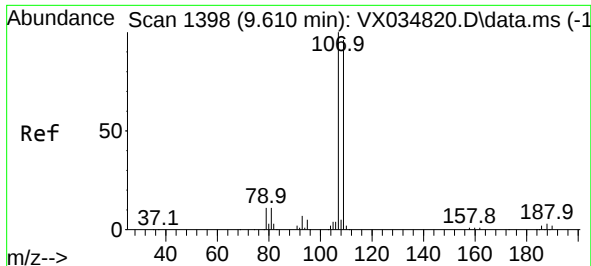
Tgt Ion:129 Resp: 163715

Ion Ratio Lower Upper

129 100

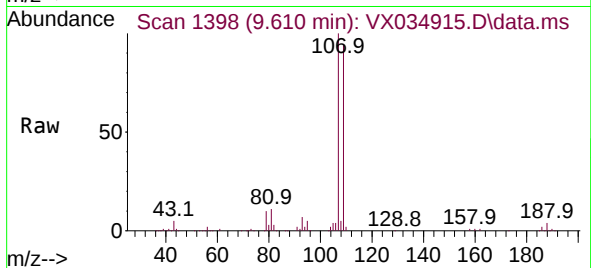
127 77.7 39.0 117.0





#61
1,2-Dibromoethane
Concen: 49.765 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

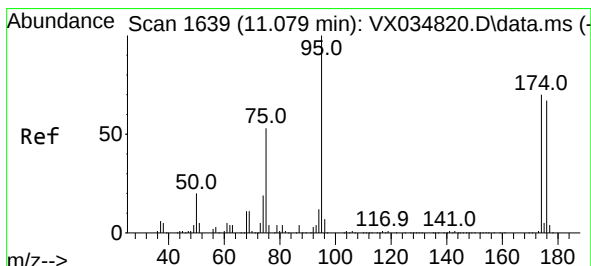
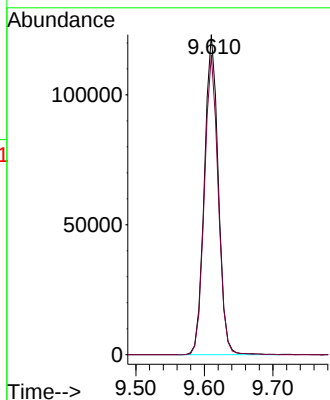
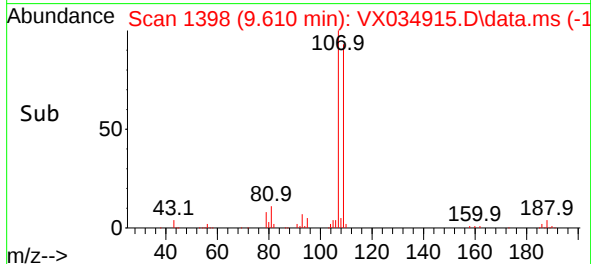
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



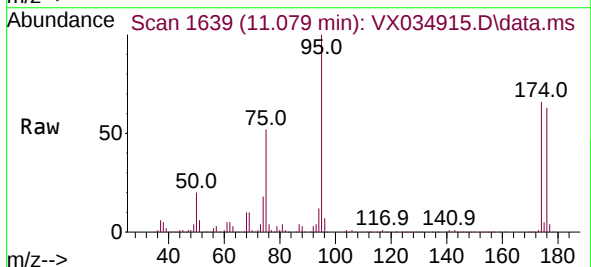
Tgt Ion:107 Resp: 17380
Ion Ratio Lower Upper
107 100
109 93.2 75.3 112.9

Manual Integrations
APPROVED

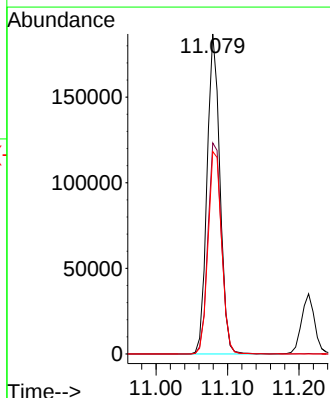
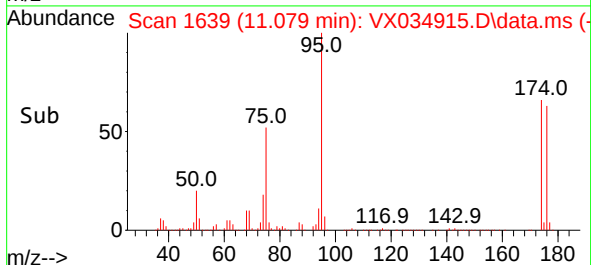
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

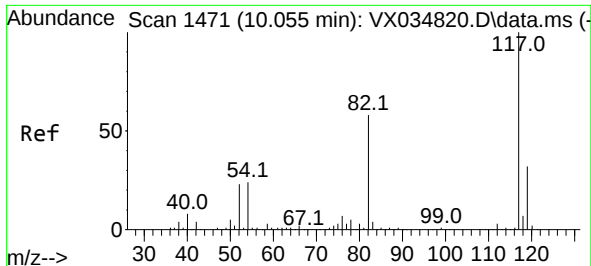


#62
4-Bromofluorobenzene
Concen: 51.108 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01



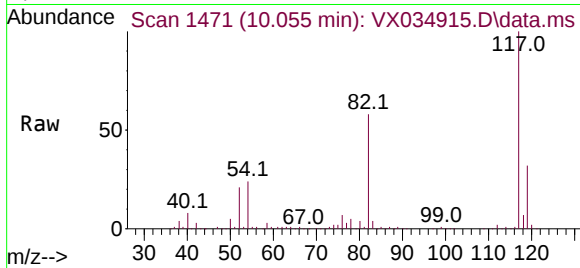
Tgt Ion: 95 Resp: 233611
Ion Ratio Lower Upper
95 100
174 69.7 0.0 147.4
176 66.7 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

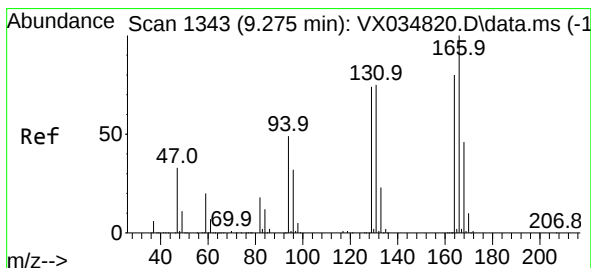
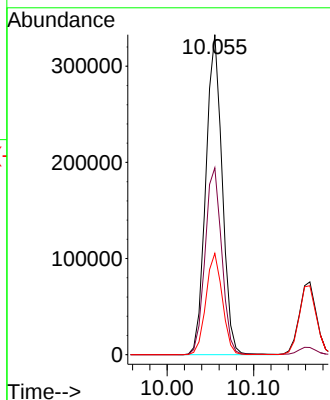
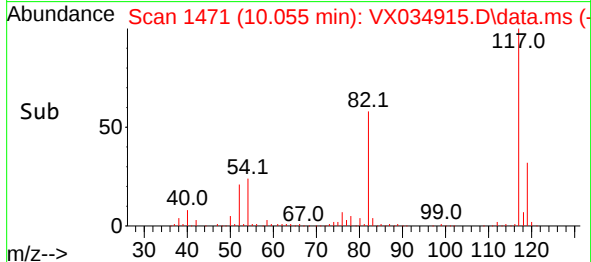
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 435990
Ion Ratio Lower Upper
117 100
82 58.4 45.0 67.4
119 31.7 26.0 39.0

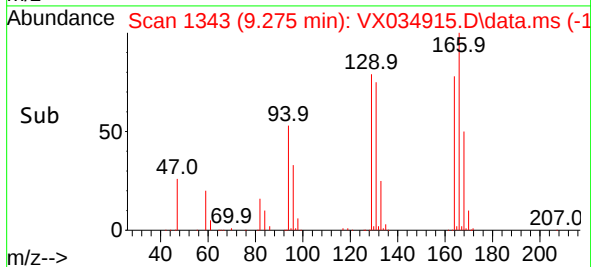
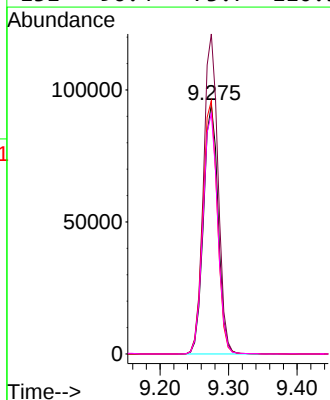
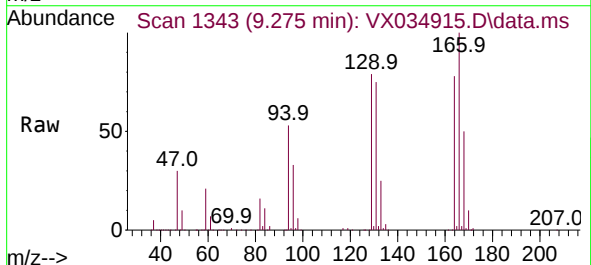
Manual Integrations
APPROVED

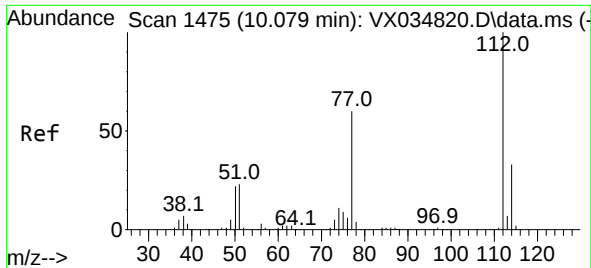
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#64
Tetrachloroethene
Concen: 44.971 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

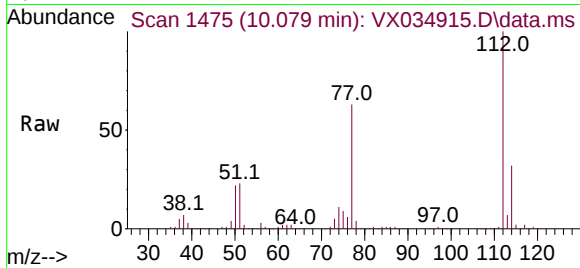
Tgt Ion:164 Resp: 140314
Ion Ratio Lower Upper
164 100
166 128.3 102.7 154.1
129 101.5 75.6 113.4
131 96.4 73.7 110.5





#65
Chlorobenzene
Concen: 47.454 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

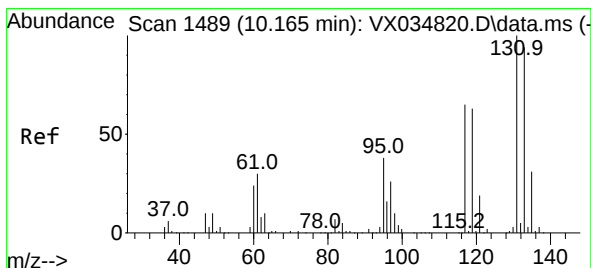
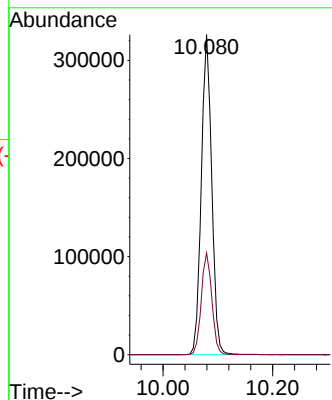
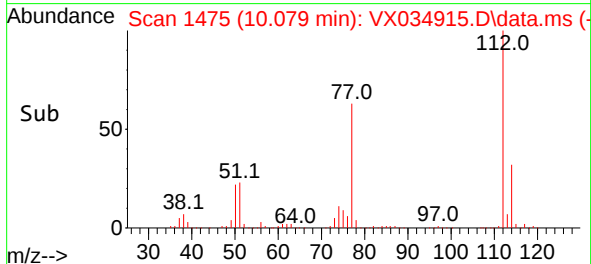
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



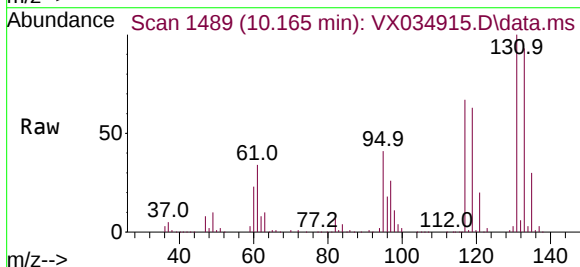
Tgt Ion:112 Resp: 430472
Ion Ratio Lower Upper
112 100
114 31.7 26.2 39.2

Manual Integrations
APPROVED

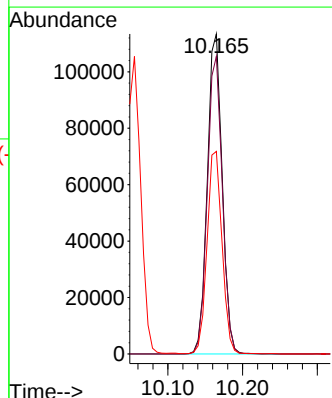
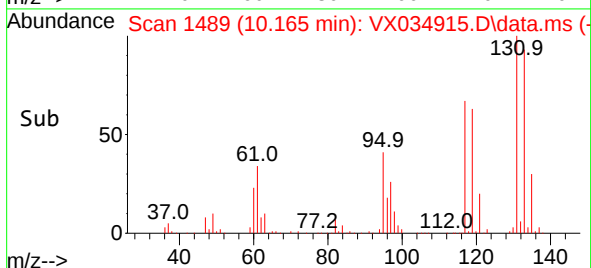
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

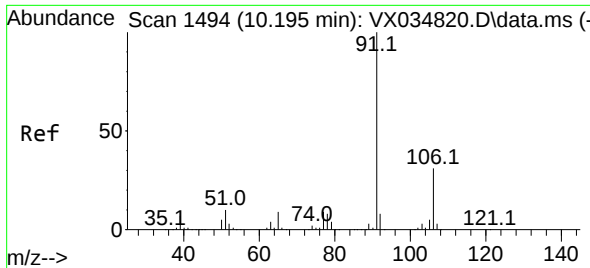


#66
1,1,1,2-Tetrachloroethane
Concen: 50.126 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01



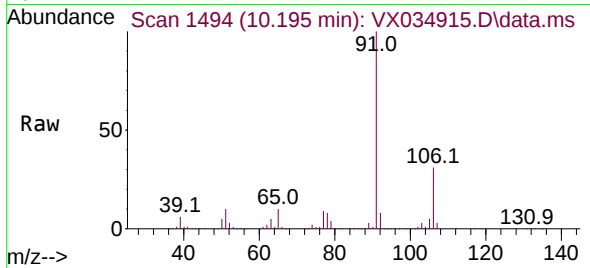
Tgt Ion:131 Resp: 156354
Ion Ratio Lower Upper
131 100
133 93.9 47.1 141.4
119 63.8 32.6 98.0





#67
Ethyl Benzene
Concen: 48.613 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

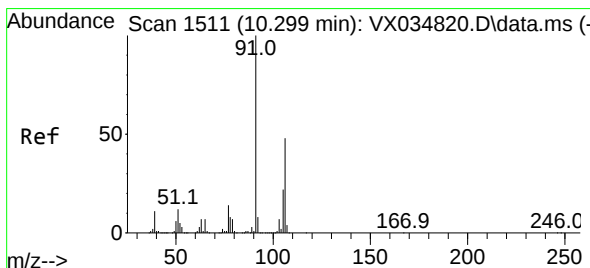
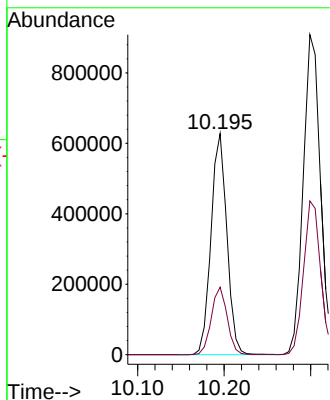
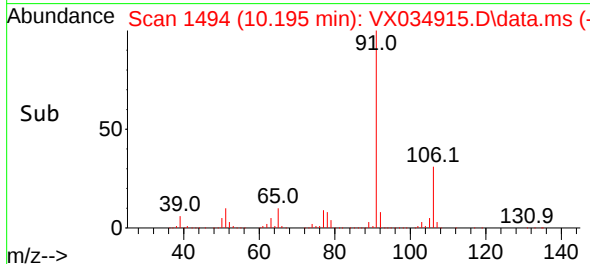
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



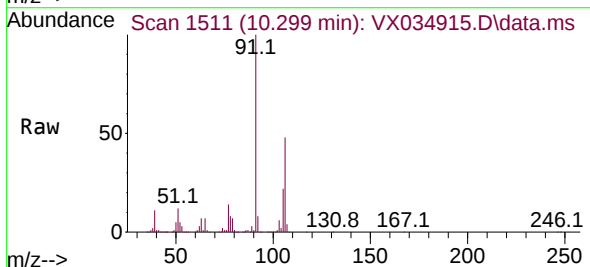
Tgt Ion: 91 Resp: 79886
Ion Ratio Lower Upper
91 100
106 30.6 25.6 38.4

Manual Integrations
APPROVED

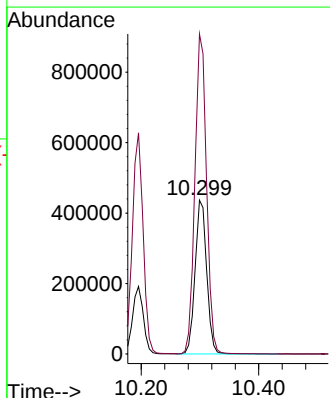
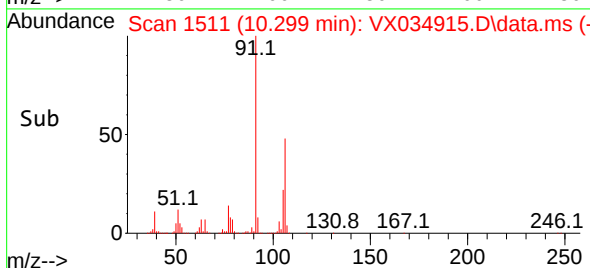
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

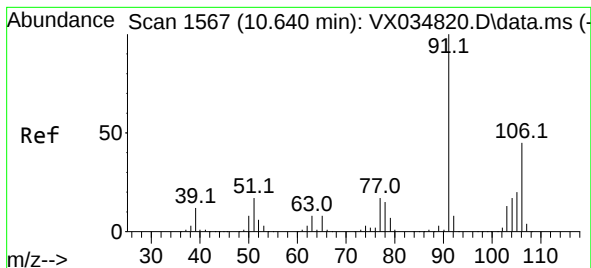


#68
m/p-Xylenes
Concen: 95.252 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01



Tgt Ion:106 Resp: 597926
Ion Ratio Lower Upper
106 100
91 209.0 164.0 246.0





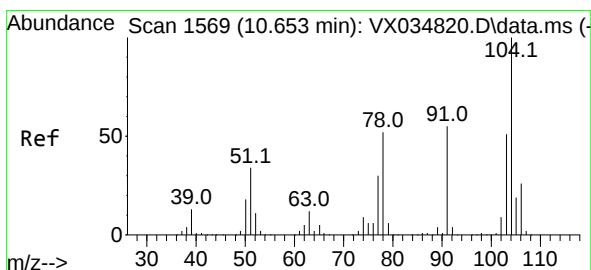
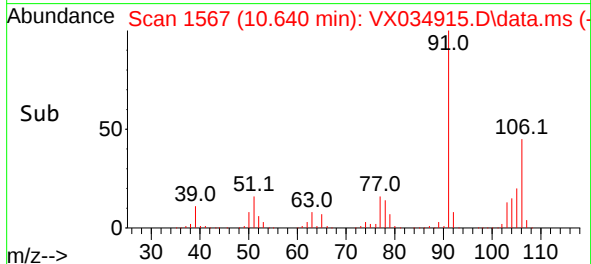
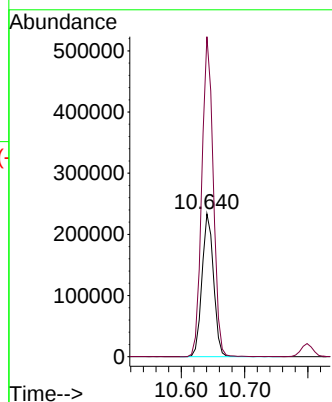
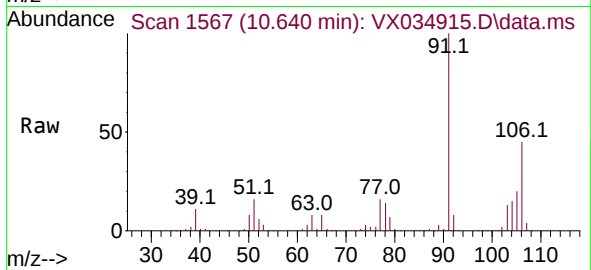
#69
o-Xylene
Concen: 48.354 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 297352
Ion Ratio Lower Upper
106 100
91 221.5 108.5 325.3

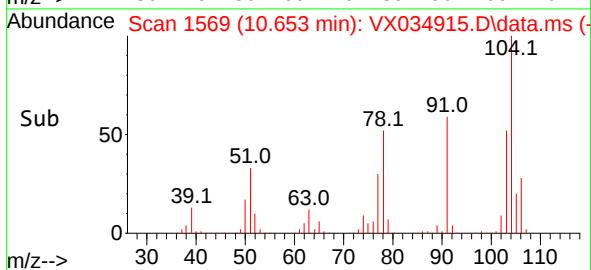
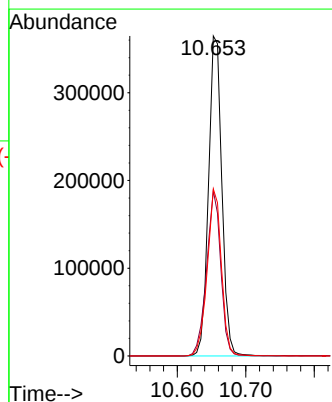
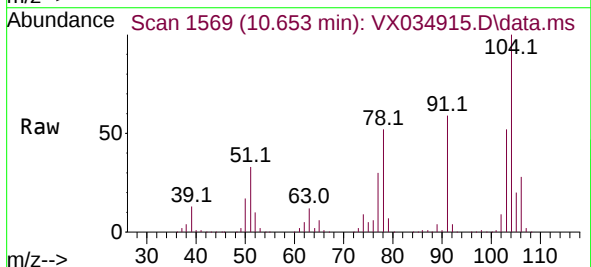
Manual Integrations
APPROVED

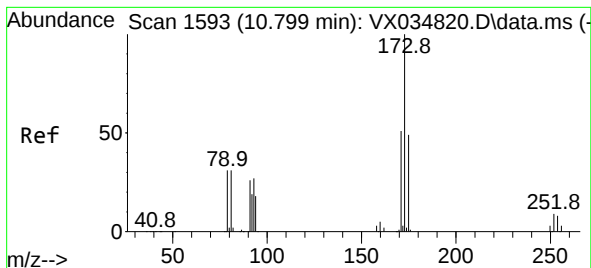
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#70
Styrene
Concen: 50.374 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

Tgt Ion:104 Resp: 494509
Ion Ratio Lower Upper
104 100
78 54.9 43.4 65.2
103 55.3 44.2 66.2





#71

Bromoform

Concen: 50.700 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX034915.D

Acq: 01 Apr 2023 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 107560

Ion Ratio Lower Upper

173 100

175 49.4 24.1 72.4

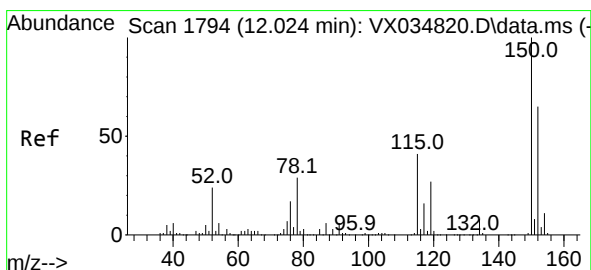
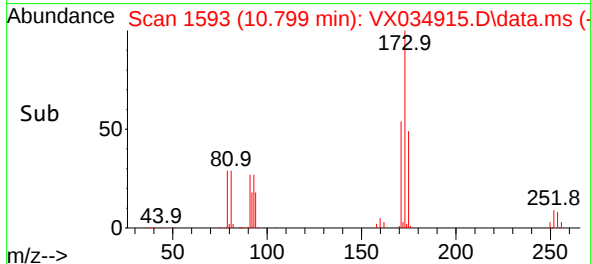
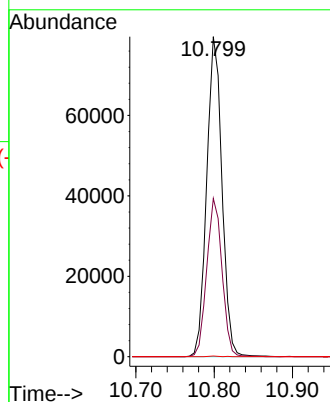
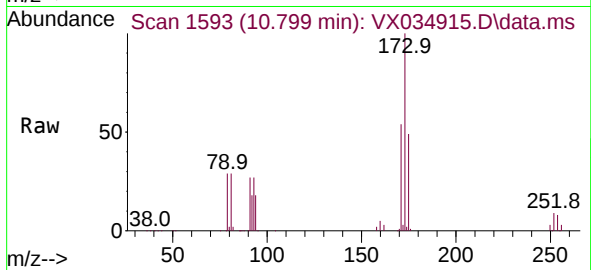
254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX034915.D

Acq: 01 Apr 2023 10:01

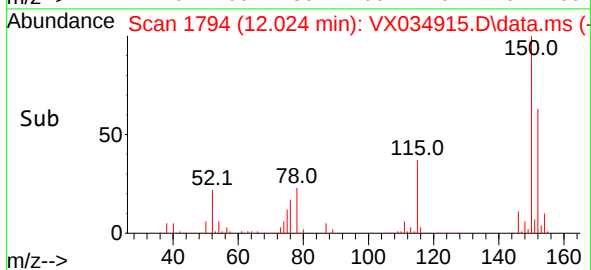
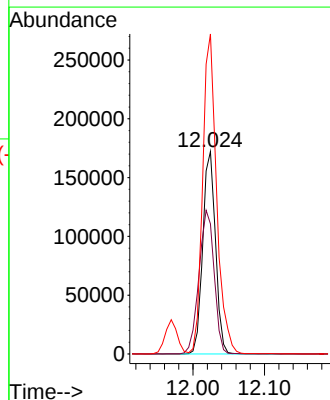
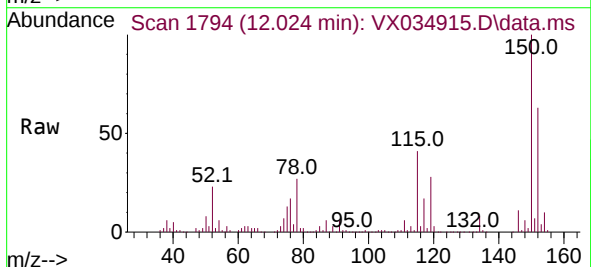
Tgt Ion:152 Resp: 212722

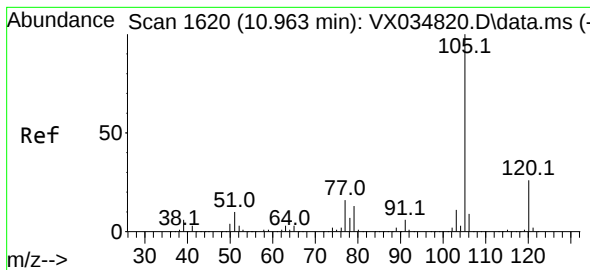
Ion Ratio Lower Upper

152 100

115 85.0 45.0 135.0

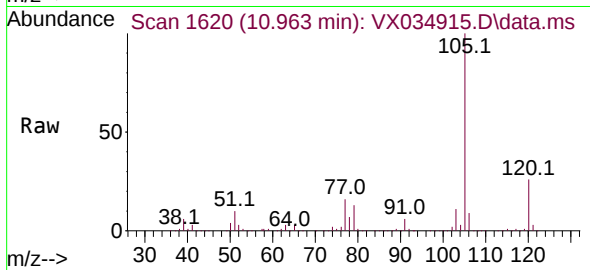
150 173.0 0.0 352.4





#73
Isopropylbenzene
Concen: 49.160 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

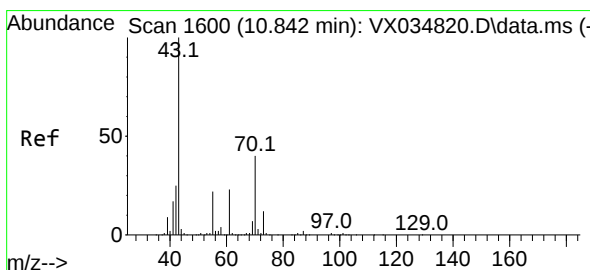
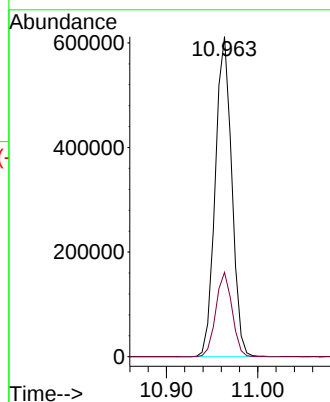
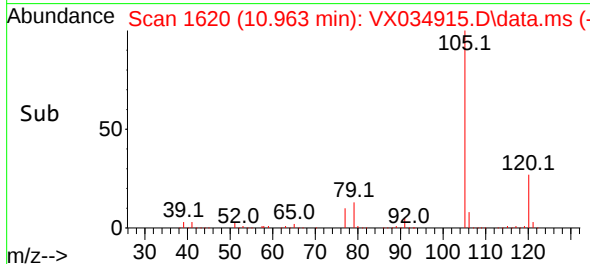
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



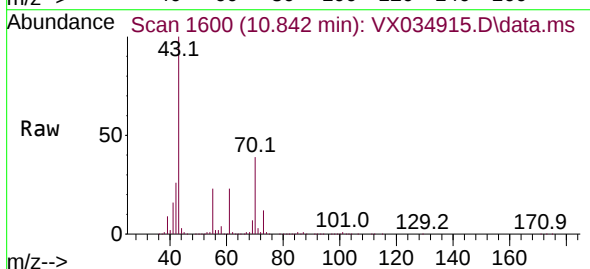
Tgt Ion:105 Resp: 766011
Ion Ratio Lower Upper
105 100
120 26.0 13.3 39.9

Manual Integrations
APPROVED

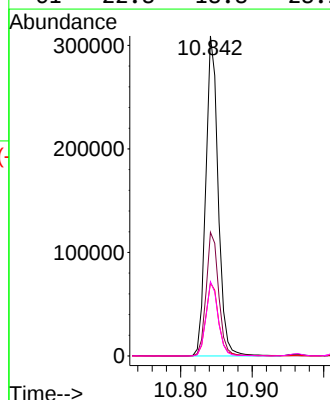
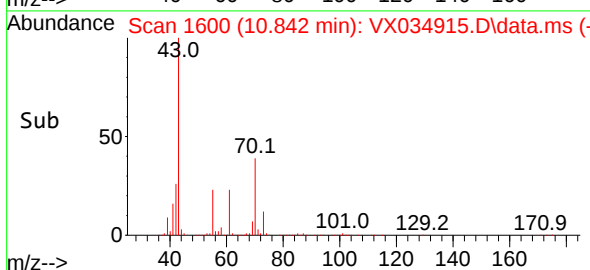
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

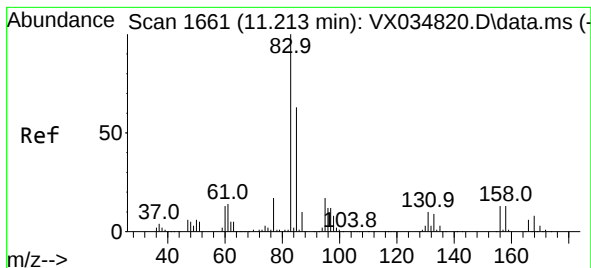


#74
N-ethyl acetate
Concen: 53.129 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01



Tgt Ion: 43 Resp: 372218
Ion Ratio Lower Upper
43 100
70 39.1 32.1 48.1
55 23.4 18.3 27.5
61 22.8 18.8 28.2





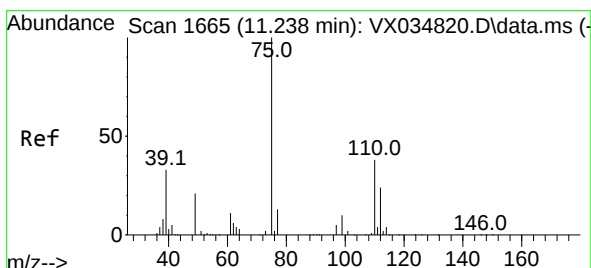
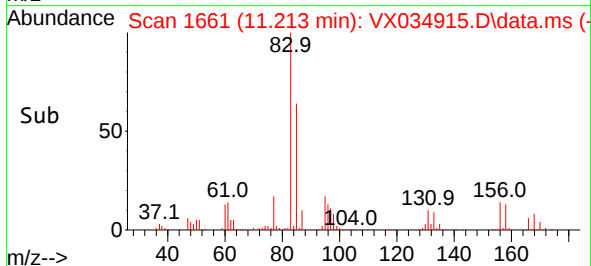
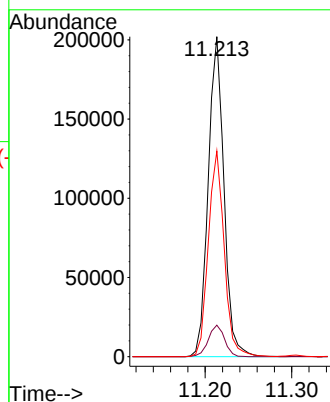
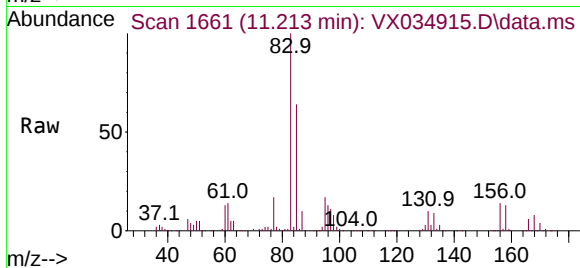
#75
1,1,2,2-Tetrachloroethane
Concen: 49.910 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 25488
Ion Ratio Lower Upper
83 100
131 10.2 4.8 14.3
85 64.9 32.0 96.0

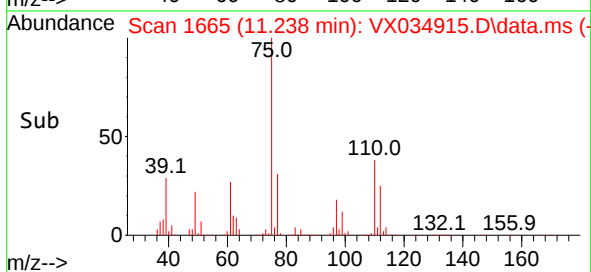
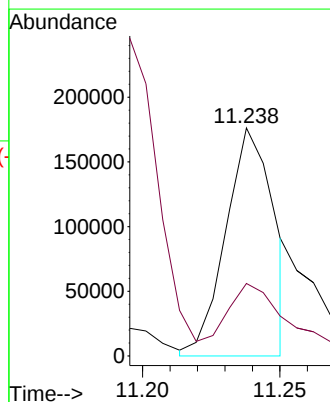
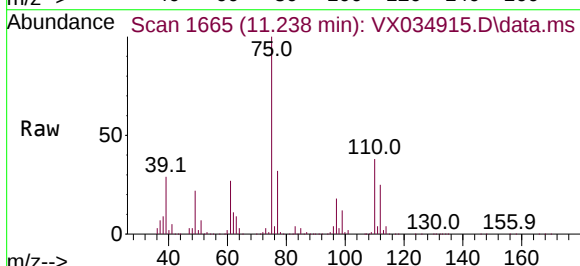
Manual Integrations
APPROVED

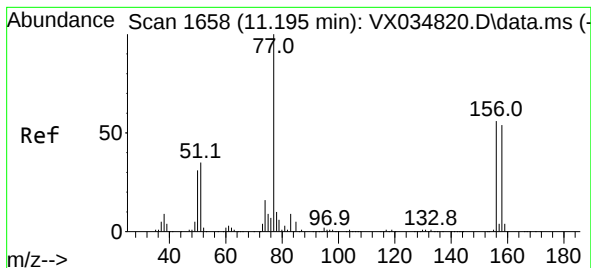
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#76
1,2,3-Trichloropropane
Concen: 49.945 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

Tgt Ion: 75 Resp: 214074
Ion Ratio Lower Upper
75 100
77 41.9 21.6 64.8





#77

Bromobenzene

Concen: 46.313 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX034915.D

Acq: 01 Apr 2023 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 17881

Ion Ratio Lower Upper

156 100

77 178.4 86.7 259.9

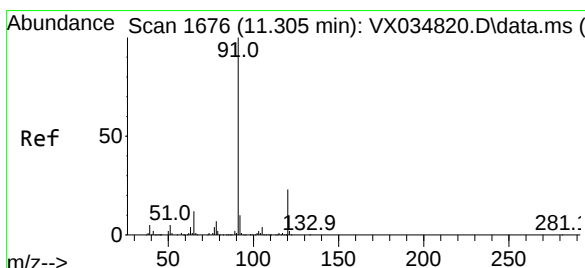
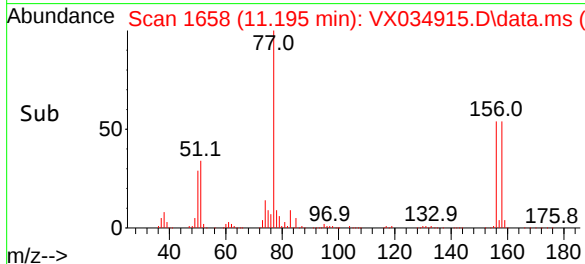
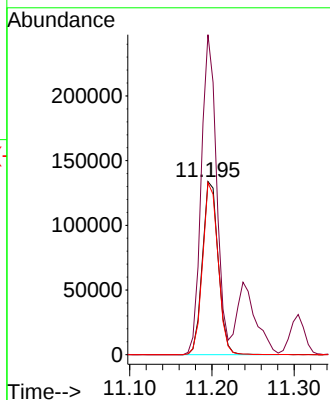
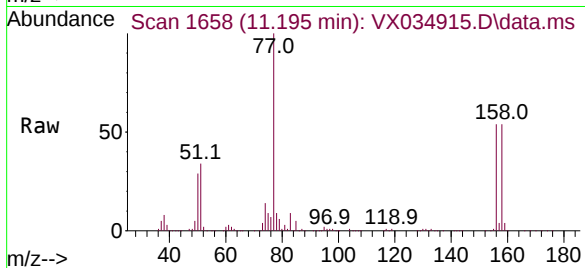
158 97.0 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#78

n-propylbenzene

Concen: 48.768 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX034915.D

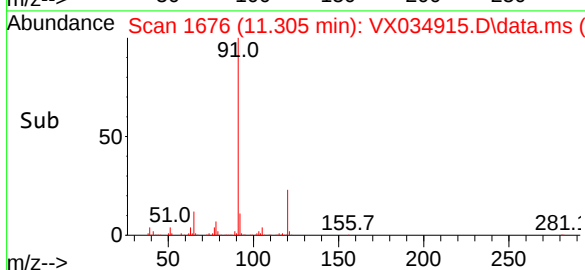
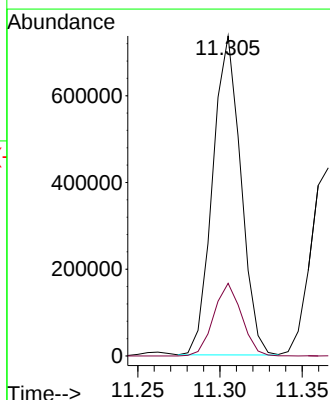
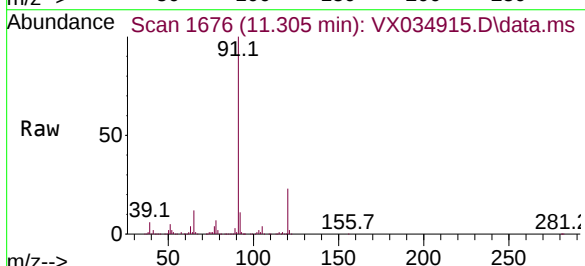
Acq: 01 Apr 2023 10:01

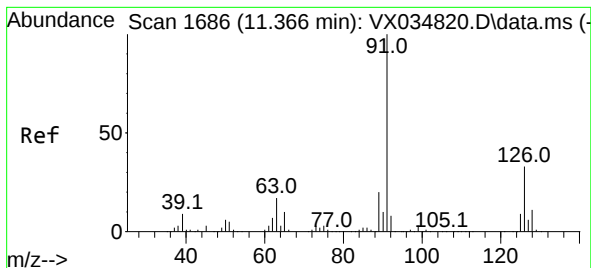
Tgt Ion: 91 Resp: 877841

Ion Ratio Lower Upper

91 100

120 22.5 11.5 34.5





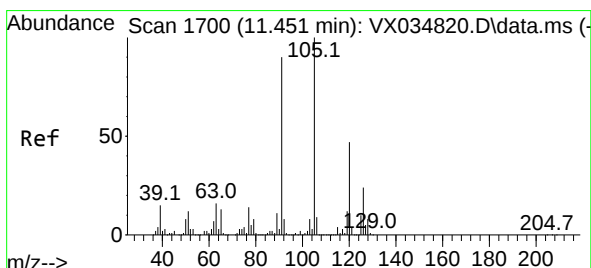
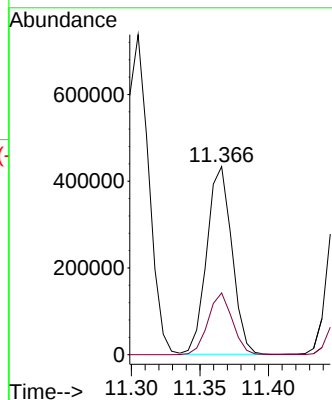
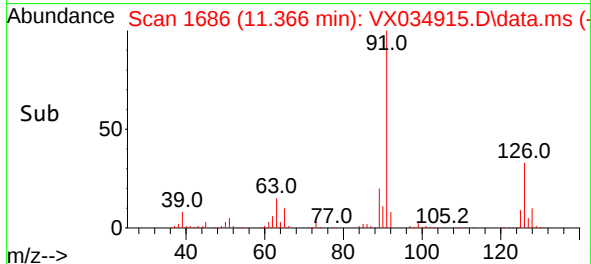
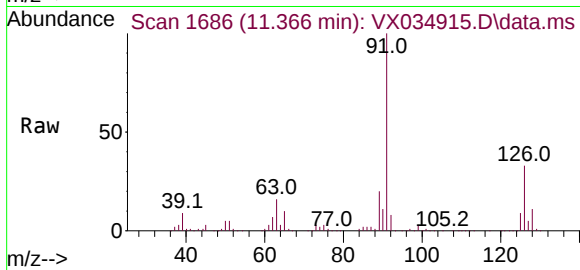
#79
2-Chlorotoluene
Concen: 48.531 ug/l
RT: 11.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 551554
Ion Ratio Lower Upper
91 100
126 31.9 16.3 48.9

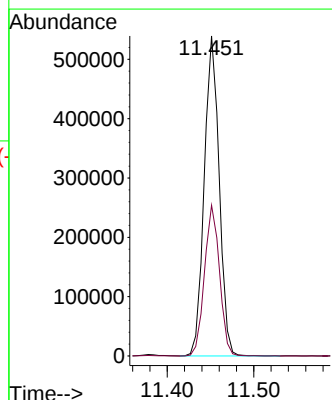
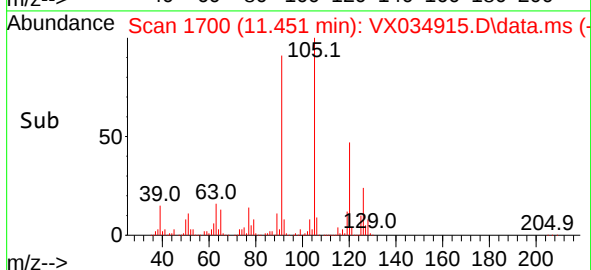
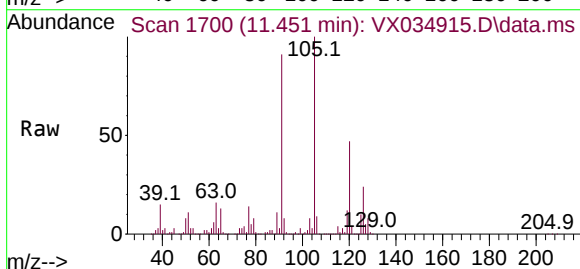
Manual Integrations
APPROVED

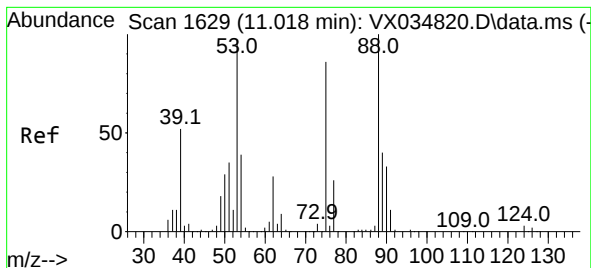
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.520 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

Tgt Ion:105 Resp: 645152
Ion Ratio Lower Upper
105 100
120 47.5 23.7 71.1





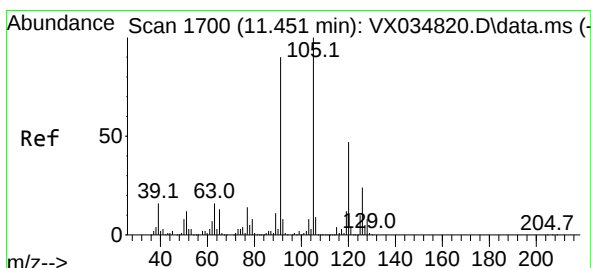
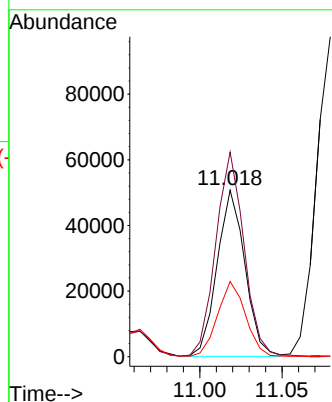
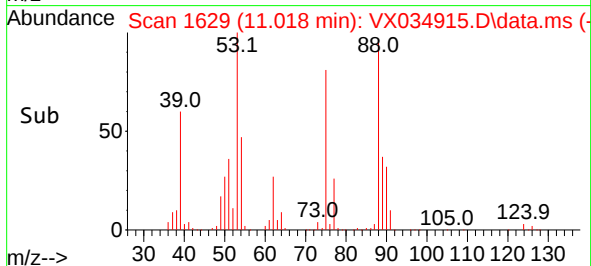
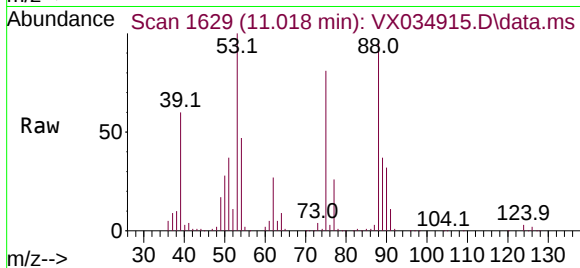
#81
trans-1,4-Dichloro-2-butene
Concen: 41.771 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 5974
Ion Ratio Lower Upper
75 100
53 125.7 82.6 124.0
89 45.6 36.9 55.3

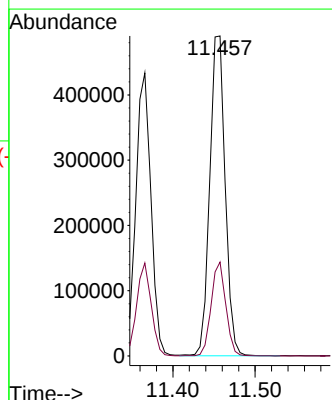
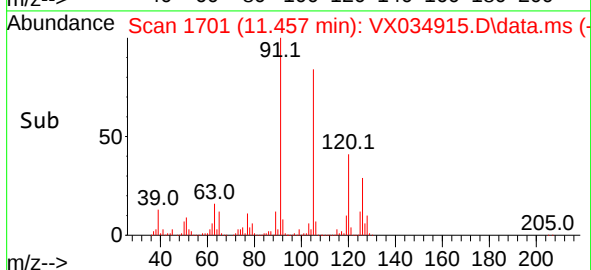
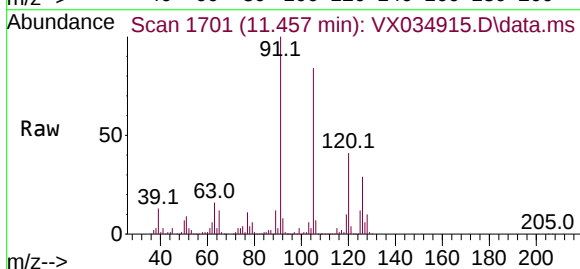
Manual Integrations
APPROVED

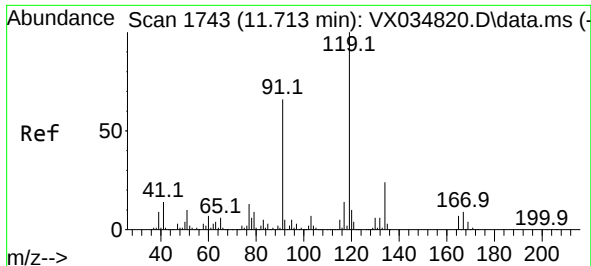
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#82
4-Chlorotoluene
Concen: 48.403 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

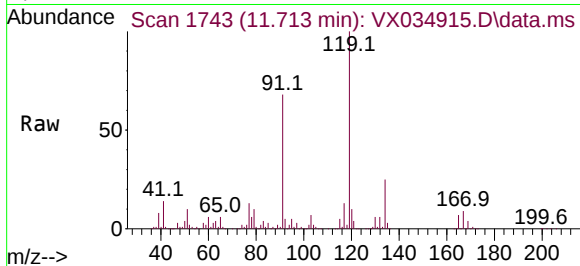
Tgt Ion: 91 Resp: 638812
Ion Ratio Lower Upper
91 100
126 27.8 14.2 42.6





#83
tert-Butylbenzene
Concen: 49.063 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

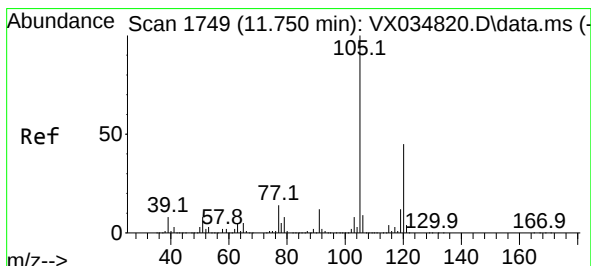
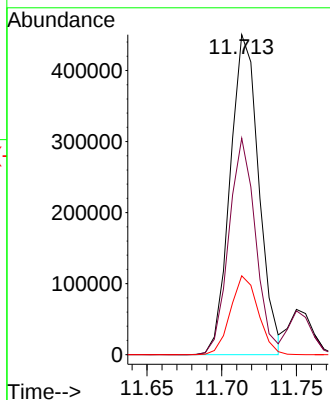
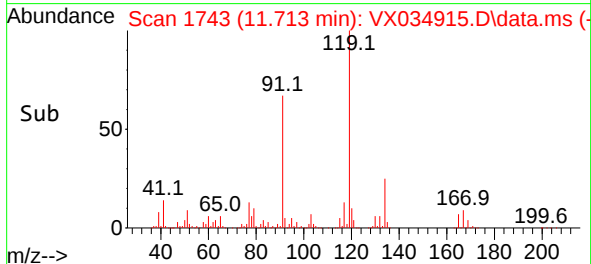
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



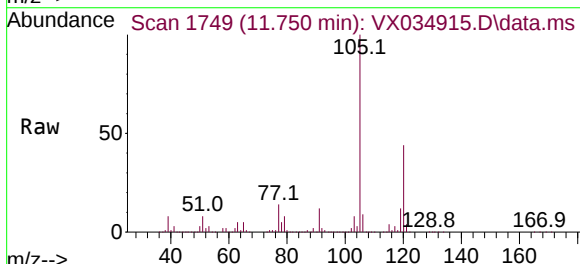
Tgt Ion:119 Resp: 600232
Ion Ratio Lower Upper
119 100
91 63.0 30.6 92.0
134 23.8 11.8 35.4

Manual Integrations
APPROVED

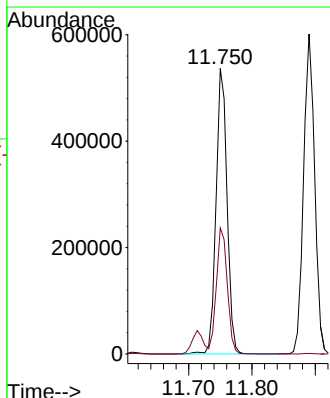
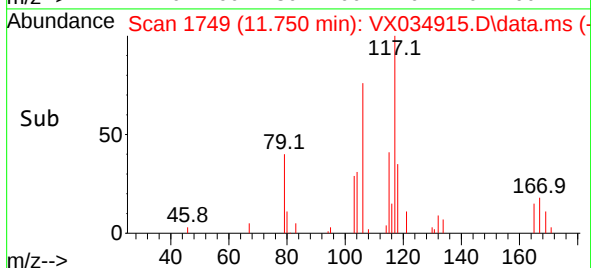
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

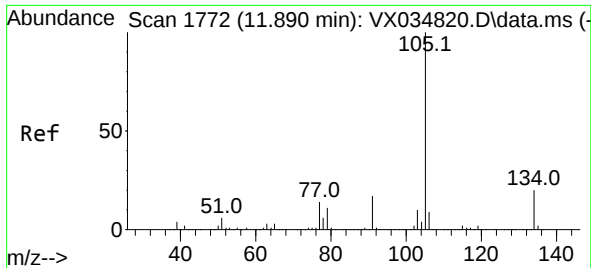


#84
1,2,4-Trimethylbenzene
Concen: 48.653 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01



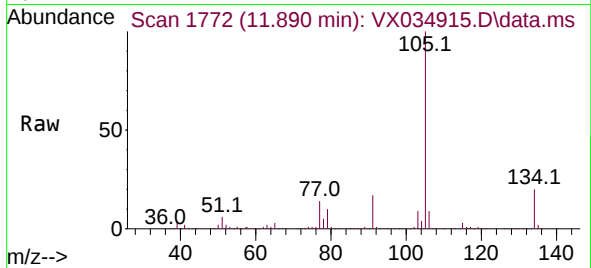
Tgt Ion:105 Resp: 644597
Ion Ratio Lower Upper
105 100
120 43.8 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 48.766 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034915.D
 Acq: 01 Apr 2023 10:01

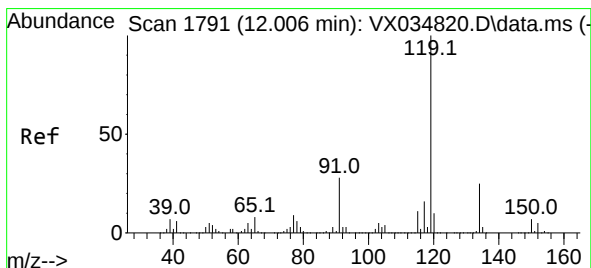
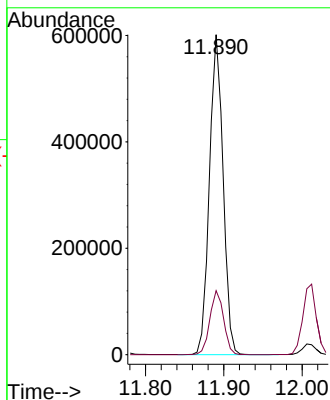
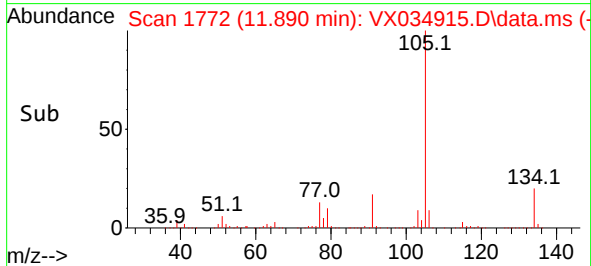
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



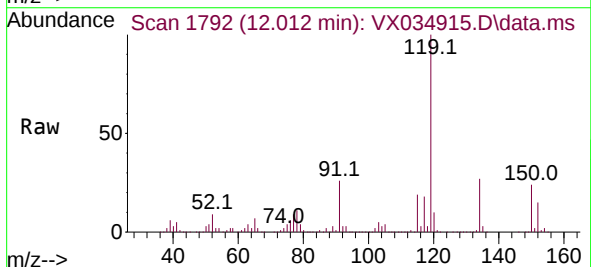
Tgt Ion:105 Resp: 72581
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.4

Manual Integrations
 APPROVED

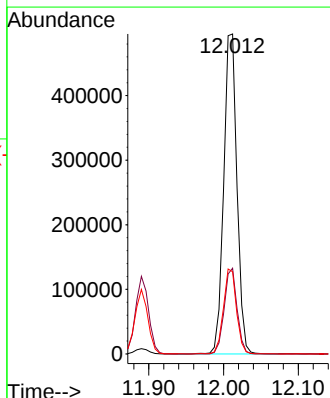
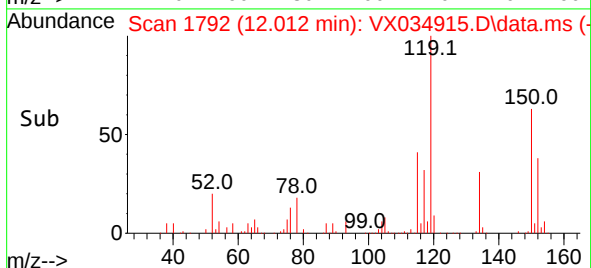
Reviewed By :John Carlone 04/03/2023
 Supervised By :Mahesh Dadoda 04/03/2023

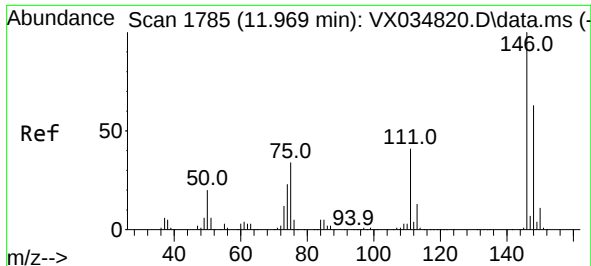


#86
 p-Isopropyltoluene
 Concen: 49.388 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX034915.D
 Acq: 01 Apr 2023 10:01



Tgt Ion:119 Resp: 612932
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.2 39.5
 91 26.1 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 48.462 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX034915.D

Acq: 01 Apr 2023 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 34075

Ion Ratio Lower Upper

146 100

111 42.8 20.9 62.8

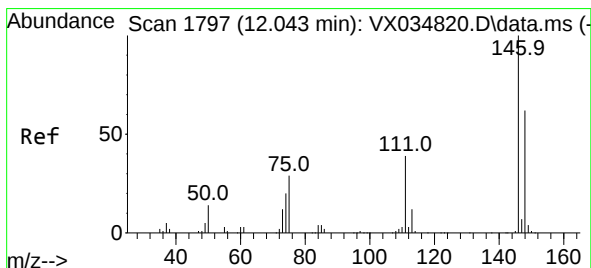
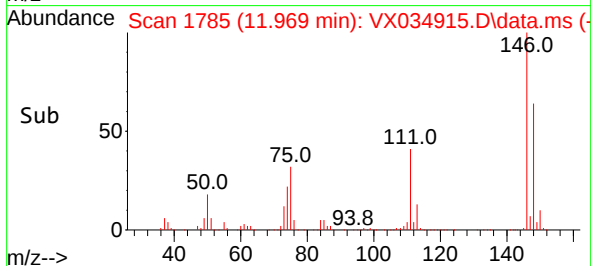
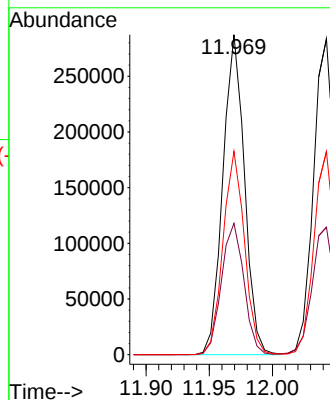
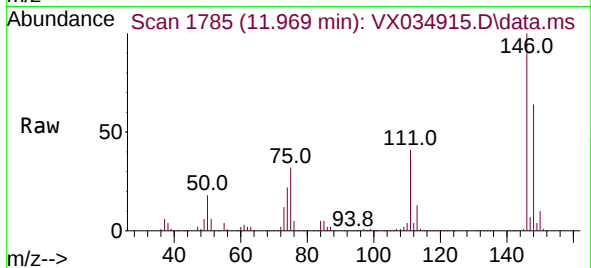
148 63.2 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#88

1,4-Dichlorobenzene

Concen: 46.942 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX034915.D

Acq: 01 Apr 2023 10:01

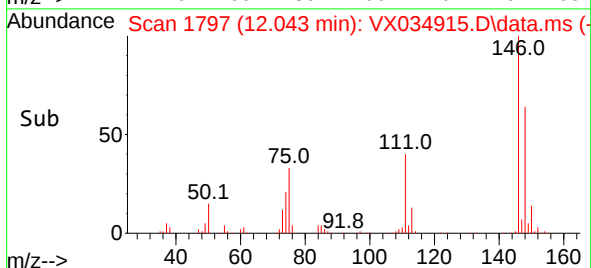
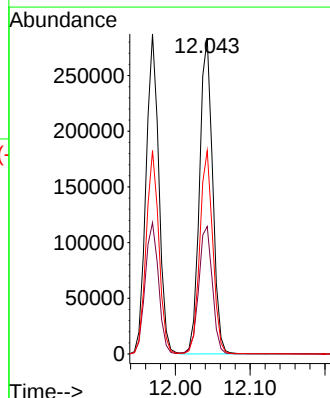
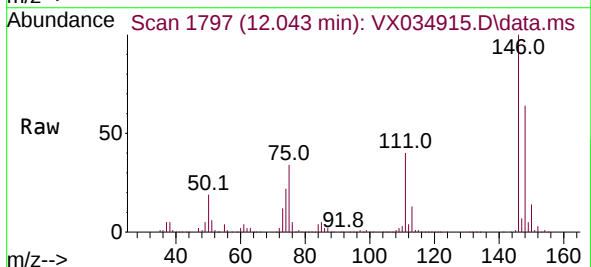
Tgt Ion:146 Resp: 344732

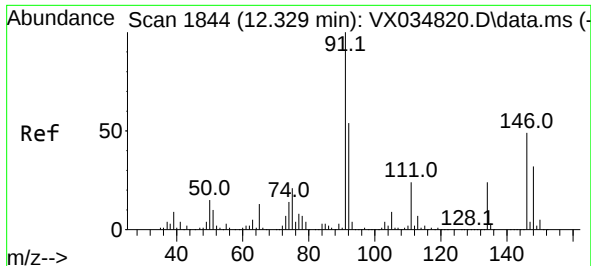
Ion Ratio Lower Upper

146 100

111 41.9 20.6 61.9

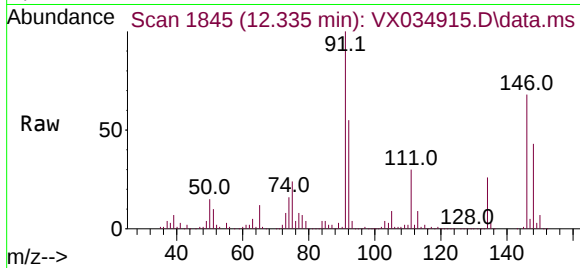
148 63.6 31.8 95.4





#89
n-Butylbenzene
Concen: 47.711 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

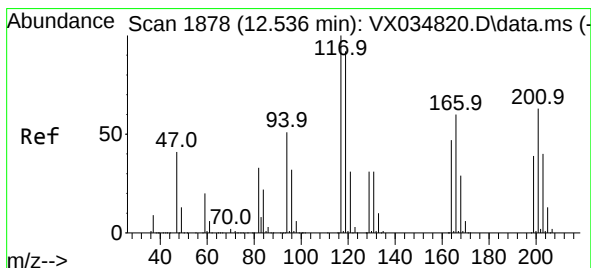
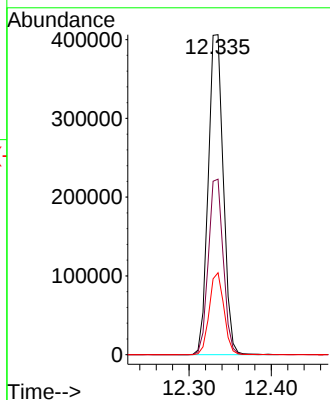
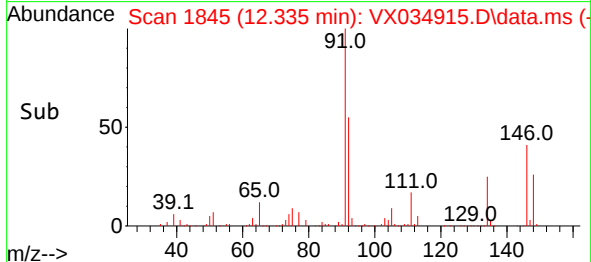
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 517329
Ion Ratio Lower Upper
91 100
92 54.2 27.7 83.0
134 24.9 13.0 38.9

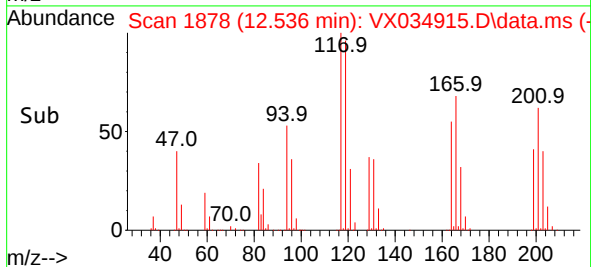
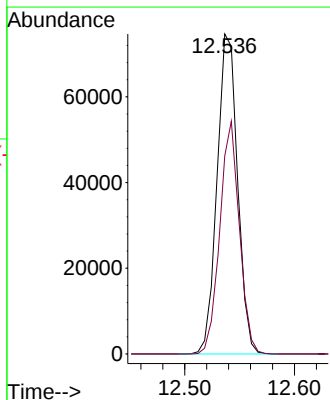
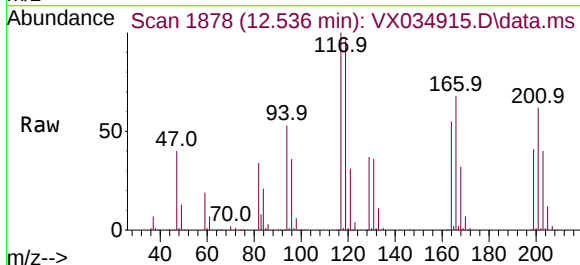
Manual Integrations
APPROVED

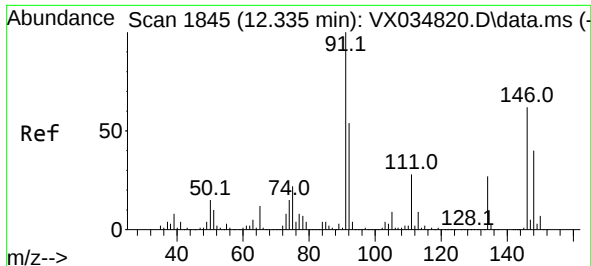
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#90
Hexachloroethane
Concen: 50.537 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

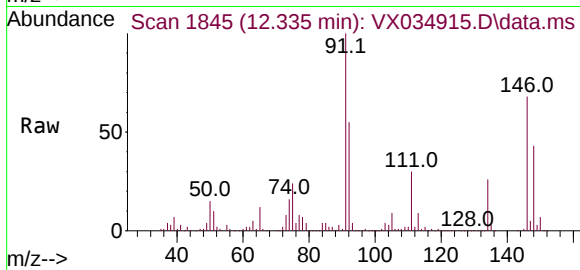
Tgt Ion:117 Resp: 97174
Ion Ratio Lower Upper
117 100
201 69.4 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 48.291 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

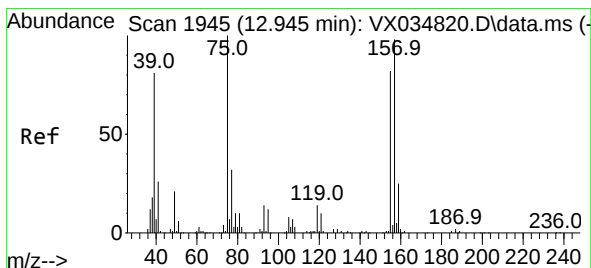
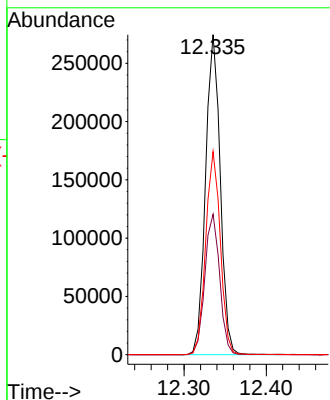
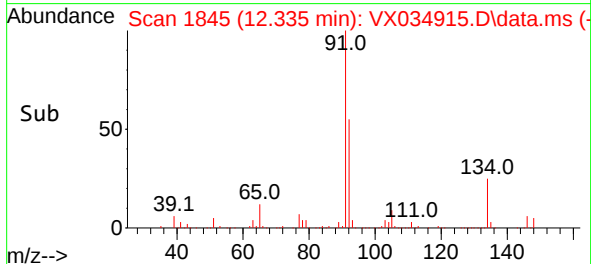
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



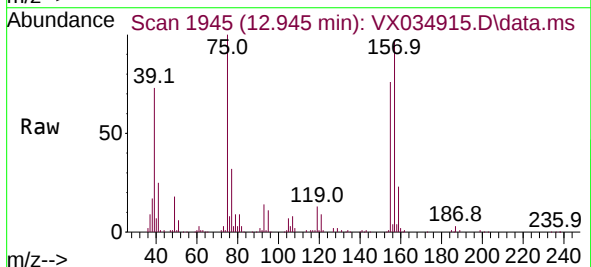
Tgt Ion:146 Resp: 340068
Ion Ratio Lower Upper
146 100
111 44.5 22.0 66.0
148 63.3 32.0 96.0

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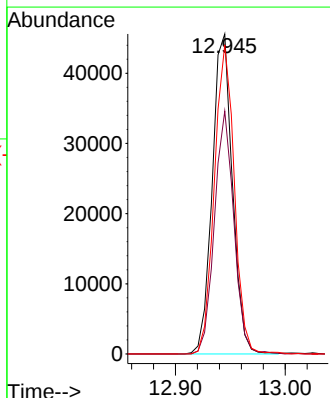
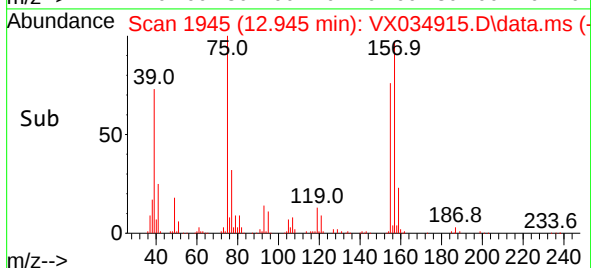
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

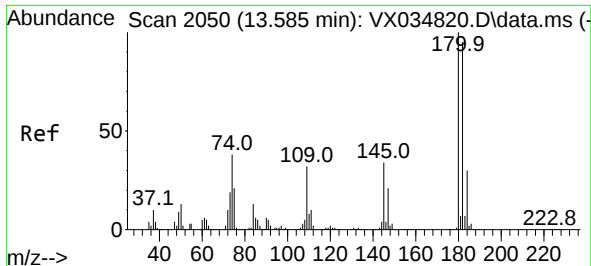


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.675 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01



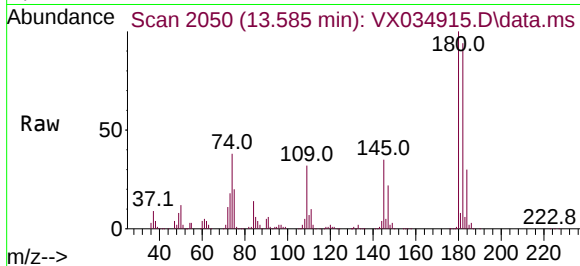
Tgt Ion: 75 Resp: 58283
Ion Ratio Lower Upper
75 100
155 73.4 38.4 115.1
157 95.7 49.9 149.7





#93
1,2,4-Trichlorobenzene
Concen: 48.958 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

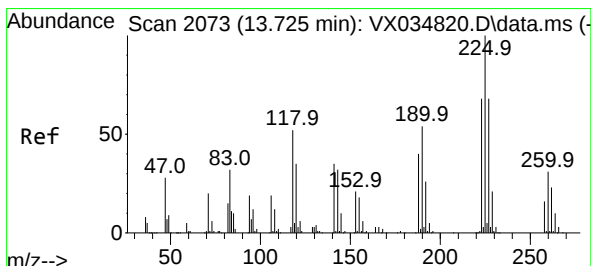
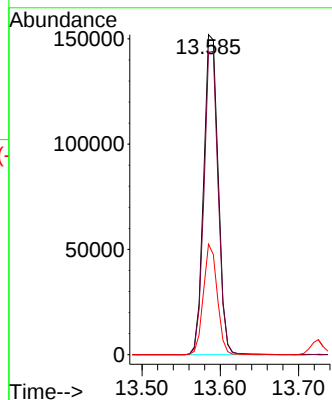
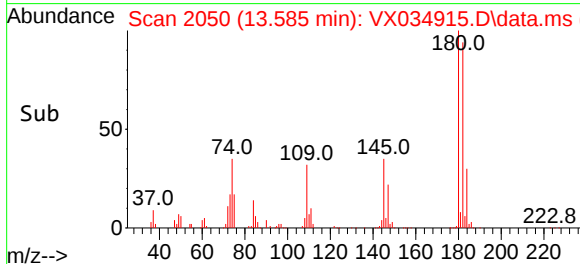
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 19499
Ion Ratio Lower Upper
180 100
182 93.6 47.0 141.0
145 33.1 15.9 47.7

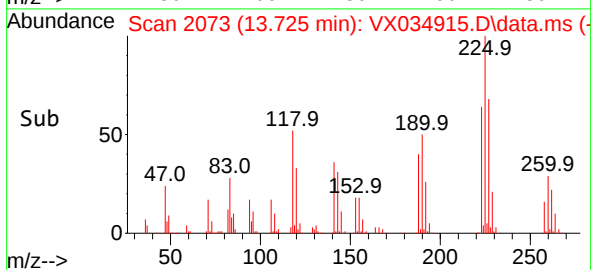
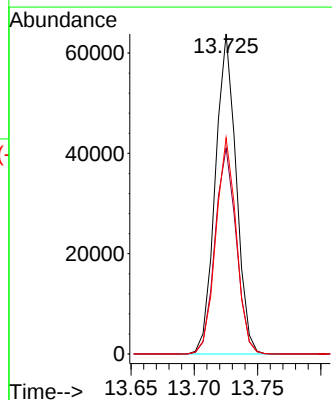
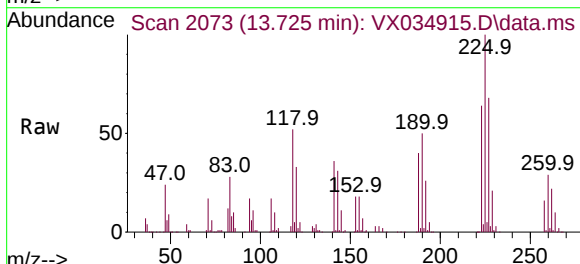
Manual Integrations
APPROVED

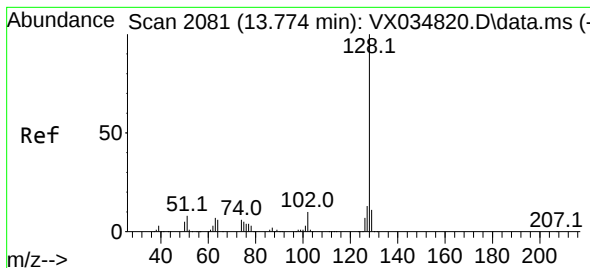
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#94
Hexachlorobutadiene
Concen: 41.641 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

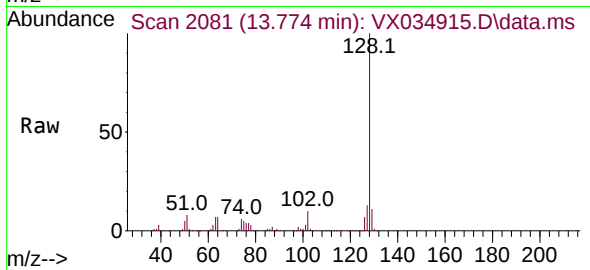
Tgt Ion:225 Resp: 72946
Ion Ratio Lower Upper
225 100
223 65.4 32.1 96.5
227 66.2 31.8 95.4





#95
Naphthalene
Concen: 50.409 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

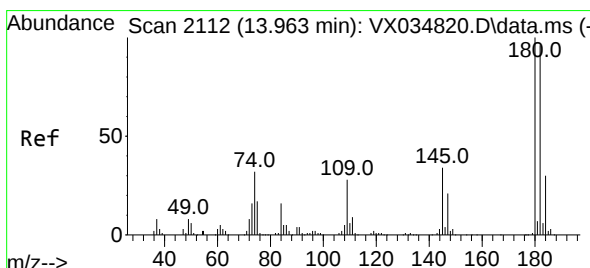
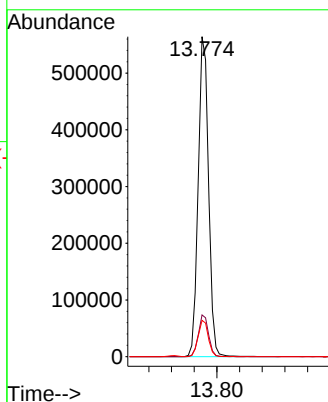
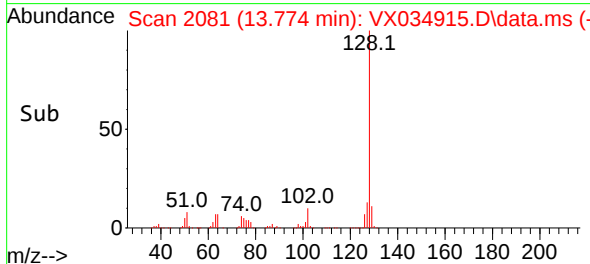
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 71339
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.2 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#96
1,2,3-Trichlorobenzene
Concen: 47.887 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX034915.D
Acq: 01 Apr 2023 10:01

Tgt Ion:180 Resp: 192340
Ion Ratio Lower Upper
180 100
182 95.5 48.0 144.2
145 35.7 17.7 53.1

