

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052223\
 Data File : VX035801.D
 Acq On : 22 May 2023 21:38
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/23/2023
 Supervised By : Mahesh Dadoda 05/23/2023

Quant Time: May 23 06:18:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	188249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	329896	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	288132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	126803	38.611	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	77.220%#		
35) Dibromofluoromethane	5.385	113	98048	44.070	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.140%		
50) Toluene-d8	8.647	98	358064	43.565	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	87.140%#		
62) 4-Bromofluorobenzene	11.079	95	134519	40.649	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	81.300%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	107928	43.992	ug/l	100
3) Chloromethane	1.295	50	117820	39.573	ug/l	99
4) Vinyl Chloride	1.374	62	116925	46.276	ug/l	100
5) Bromomethane	1.618	94	71298	52.102	ug/l	99
6) Chloroethane	1.691	64	72654	47.398	ug/l	96
7) Trichlorofluoromethane	1.886	101	189950	51.128	ug/l	99
8) Diethyl Ether	2.130	74	68242	47.706	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	105740	47.938	ug/l	99
10) Methyl Iodide	2.453	142	115911	58.755	ug/l	96
11) Tert butyl alcohol	3.093	59	117678	203.104	ug/l #	1
12) 1,1-Dichloroethene	2.319	96	102731	49.004	ug/l	95
13) Acrolein	2.246	56	151502	220.311	ug/l	100
14) Allyl chloride	2.666	41	192239	42.804	ug/l	96
15) Acrylonitrile	3.075	53	313162	245.453	ug/l	99
16) Acetone	2.410	43	270580	191.699	ug/l	98
17) Carbon Disulfide	2.514	76	210596	41.624	ug/l	100
18) Methyl Acetate	2.709	43	264439	50.800	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	382384	45.837	ug/l	98
20) Methylene Chloride	2.788	84	121018	47.308	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	111610	48.586	ug/l	97
22) Diisopropyl ether	3.758	45	415933	47.300	ug/l	96
23) Vinyl Acetate	3.721	43	1444427	232.149	ug/l	99
24) 1,1-Dichloroethane	3.611	63	221865	47.176	ug/l	98
25) 2-Butanone	4.574	43	441943	226.181	ug/l	100
26) 2,2-Dichloropropane	4.477	77	151997	38.166	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	135127	48.933	ug/l	98
28) Bromochloromethane	4.898	49	90405	42.738	ug/l	100
29) Tetrahydrofuran	5.019	42	288400	234.831	ug/l	99
30) Chloroform	5.093	83	224527	46.590	ug/l	99
31) Cyclohexane	5.471	56	190199	45.840	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	186156	44.396	ug/l	99
36) 1,1-Dichloropropene	5.696	75	163182	46.467	ug/l	99
37) Ethyl Acetate	4.721	43	175093	47.802	ug/l	99
38) Carbon Tetrachloride	5.678	117	149452	44.926	ug/l	98
39) Methylcyclohexane	7.379	83	195905	47.391	ug/l	97
40) Benzene	6.038	78	485368	49.405	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	103569	47.622	ug/l	97
42) 1,2-Dichloroethane	6.086	62	186184	44.056	ug/l	99
43) Isopropyl Acetate	6.342	43	300140	46.991	ug/l	99
44) Trichloroethene	7.123	130	123723	49.667	ug/l	95
45) 1,2-Dichloropropane	7.428	63	128845	49.519	ug/l	100
46) Dibromomethane	7.580	93	87267	48.998	ug/l	98
47) Bromodichloromethane	7.824	83	160719	46.687	ug/l	99
48) Methyl methacrylate	7.690	41	145767	46.243	ug/l	99
49) 1,4-Dioxane	7.751	88	59961	934.040	ug/l #	79
51) 4-Methyl-2-Pentanone	8.574	43	911998	247.843	ug/l	98
52) Toluene	8.720	92	306852	49.481	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	172657	46.164	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	192421	48.020	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	123903	50.869	ug/l	98
56) Ethyl methacrylate	9.116	69	191930	48.658	ug/l	99
57) 1,3-Dichloropropane	9.305	76	215689	48.848	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	500654	249.504	ug/l	100
59) 2-Hexanone	9.433	43	670838	242.075	ug/l	99
60) Dibromochloromethane	9.519	129	115626	49.801	ug/l	99
61) 1,2-Dibromoethane	9.610	107	129941	50.635	ug/l	98
64) Tetrachloroethene	9.275	164	103177	53.189	ug/l	98
65) Chlorobenzene	10.080	112	317716	50.514	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	113726	51.137	ug/l	99
67) Ethyl Benzene	10.195	91	587273	49.647	ug/l	100
68) m/p-Xylenes	10.299	106	440216	100.680	ug/l	100
69) o-Xylene	10.640	106	217235	50.068	ug/l	100
70) Styrene	10.653	104	357046	51.060	ug/l	99
71) Bromoform	10.799	173	70473	48.161	ug/l #	98
73) Isopropylbenzene	10.964	105	576700	51.235	ug/l	99
74) N-amyl acetate	10.842	43	253234	48.252	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	181084	49.594	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	149594m	45.785	ug/l	
77) Bromobenzene	11.195	156	130774	51.188	ug/l	99
78) n-propylbenzene	11.305	91	674589	50.984	ug/l	99
79) 2-Chlorotoluene	11.366	91	395181	47.704	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	468413	48.963	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	45647	45.026	ug/l	89
82) 4-Chlorotoluene	11.451	91	448149	46.974	ug/l	100
83) tert-Butylbenzene	11.713	119	458150	49.268	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	472441	49.183	ug/l	99
85) sec-Butylbenzene	11.890	105	586340	50.218	ug/l	100
86) p-Isopropyltoluene	12.006	119	478555	49.855	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	242384	49.943	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	244950	49.982	ug/l	100
89) n-Butylbenzene	12.329	91	428663	49.092	ug/l	98
90) Hexachloroethane	12.536	117	72276	49.678	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	234365	49.313	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	34890	42.911	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	142522	49.805	ug/l	98
94) Hexachlorobutadiene	13.725	225	54417	47.909	ug/l	99
95) Naphthalene	13.774	128	493696	50.378	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	141878	50.412	ug/l	99

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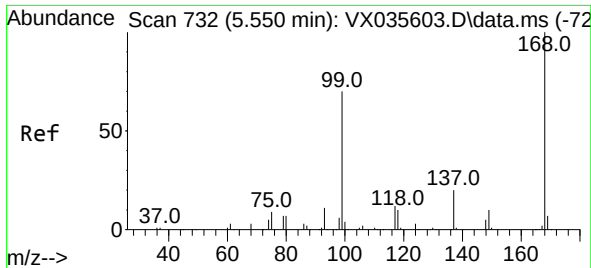
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

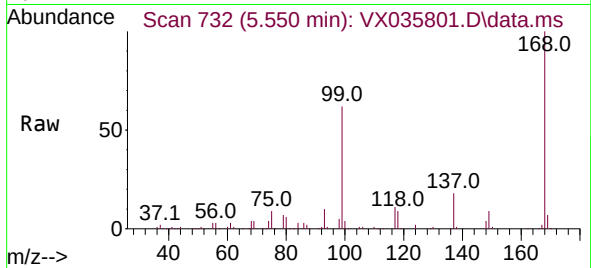
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



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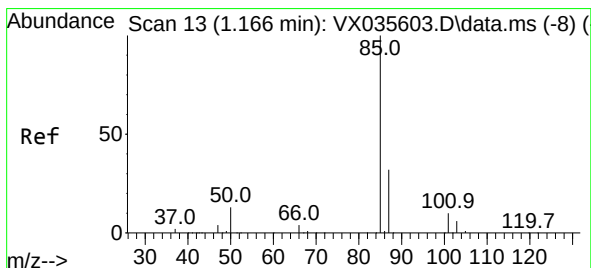
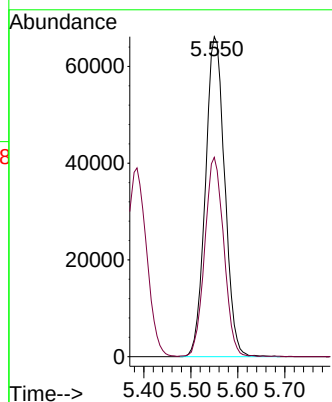
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 188249
Ion Ratio Lower Upper
168 100
99 62.1 45.7 68.5

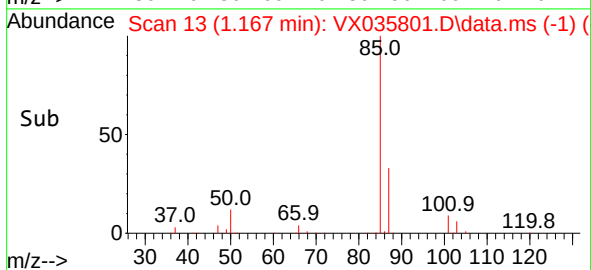
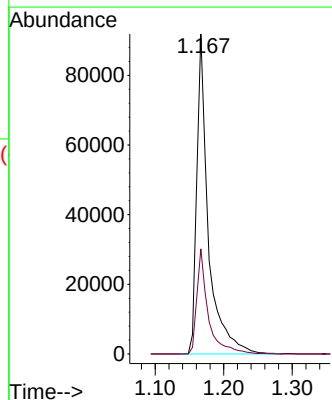
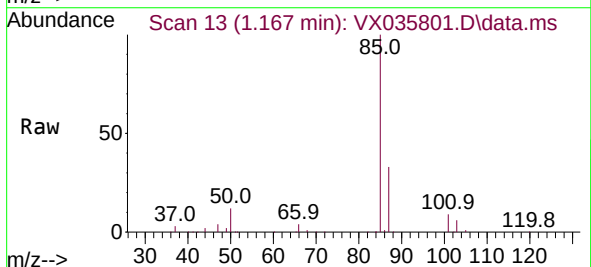
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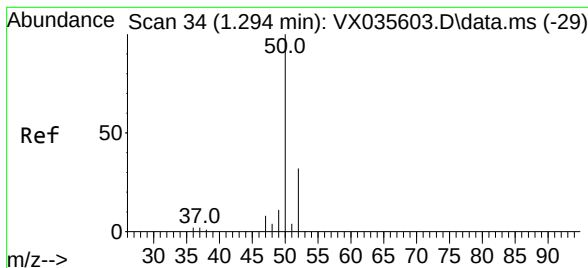
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#2
Dichlorodifluoromethane
Concen: 43.992 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38

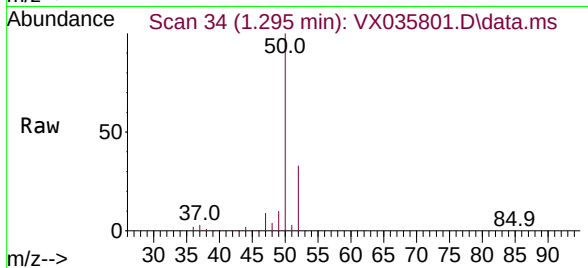
Tgt Ion: 85 Resp: 107928
Ion Ratio Lower Upper
85 100
87 32.9 16.4 49.1





#3
Chloromethane
Concen: 39.573 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38

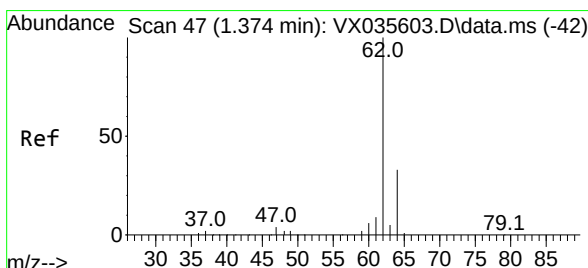
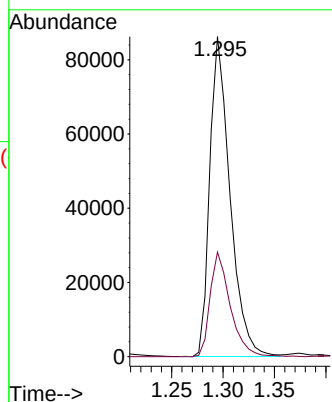
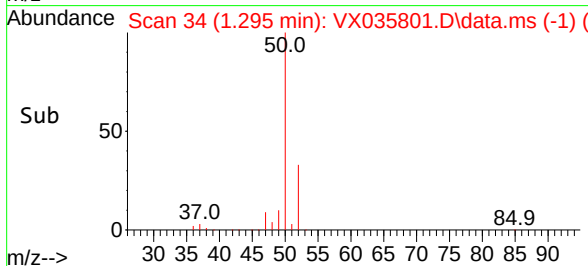
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Tgt Ion: 50 Resp: 117820
Ion Ratio Lower Upper
50 100
52 32.7 25.9 38.9

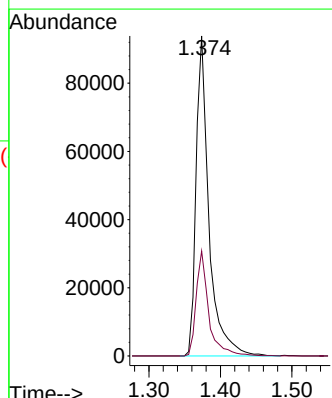
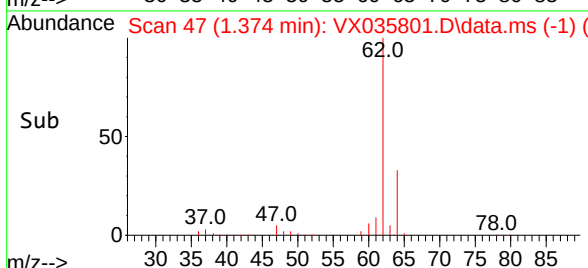
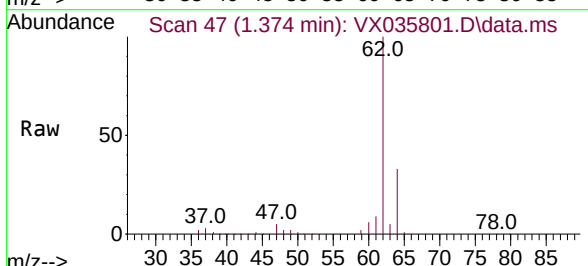
Manual Integrations
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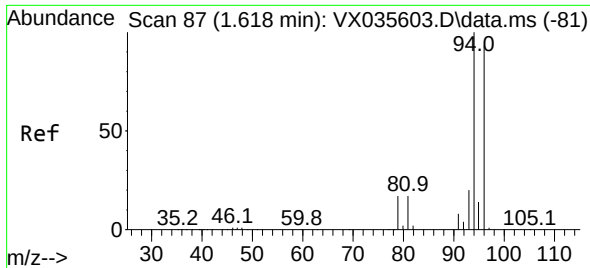
Reviewed By :John Carlone 05/23/2023
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#4
Vinyl Chloride
Concen: 46.276 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38

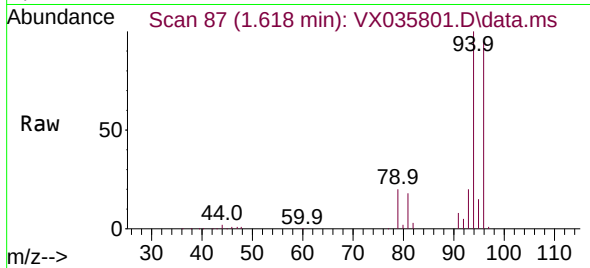
Tgt Ion: 62 Resp: 116925
Ion Ratio Lower Upper
62 100
64 32.8 26.4 39.6





#5
Bromomethane
Concen: 52.102 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38

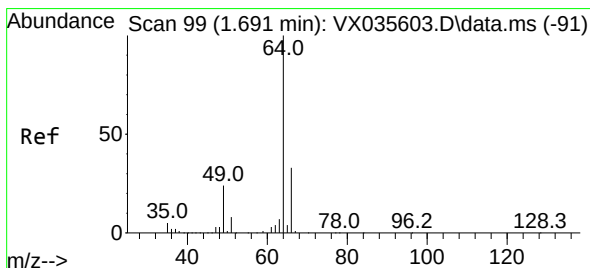
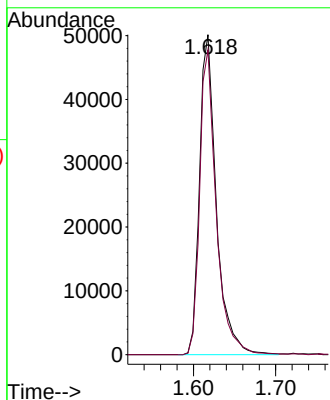
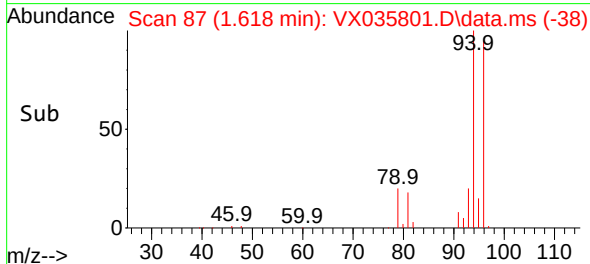
Instrument :
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Tgt Ion: 94 Resp: 71298
Ion Ratio Lower Upper
94 100
96 95.2 77.0 115.6

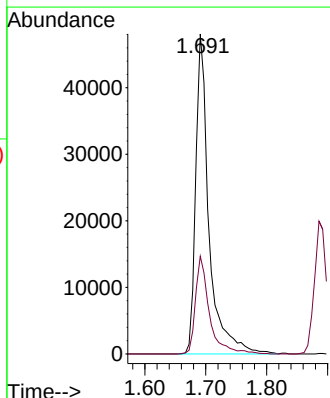
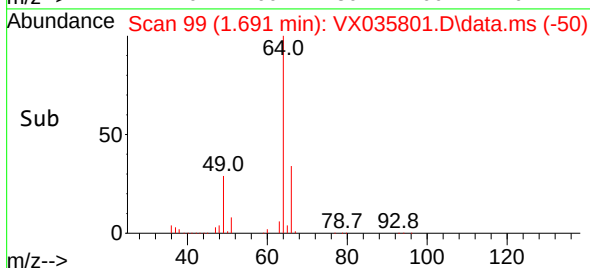
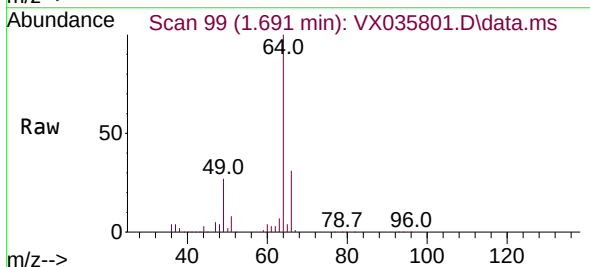
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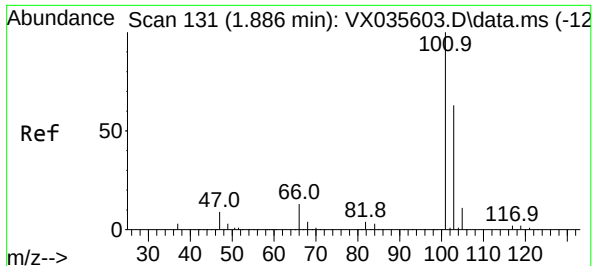
Reviewed By :John Carlone 05/23/2023
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#6
Chloroethane
Concen: 47.398 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38

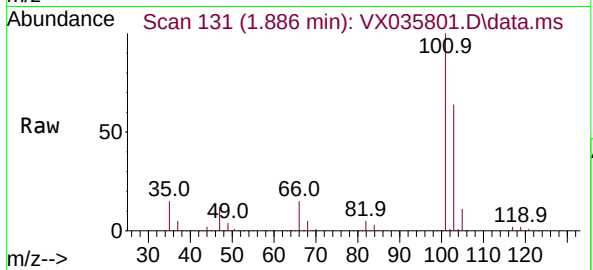
Tgt Ion: 64 Resp: 72654
Ion Ratio Lower Upper
64 100
66 30.5 26.2 39.4





#7
Trichlorofluoromethane
Concen: 51.128 ug/l
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX035801.D
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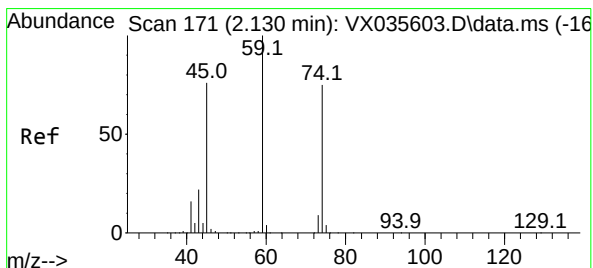
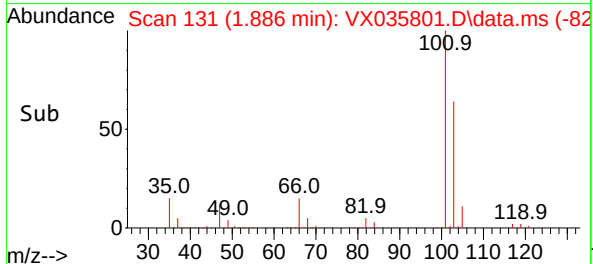
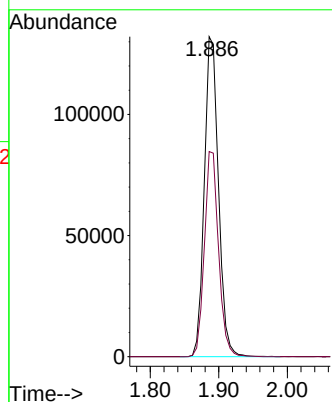
Instrument :
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Tgt Ion:101 Resp: 189950
Ion Ratio Lower Upper
101 100
103 64.1 52.0 78.0

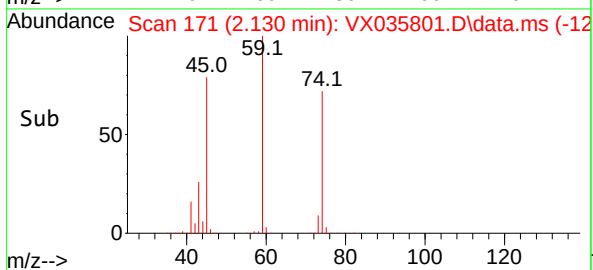
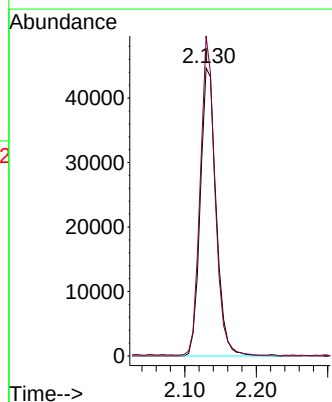
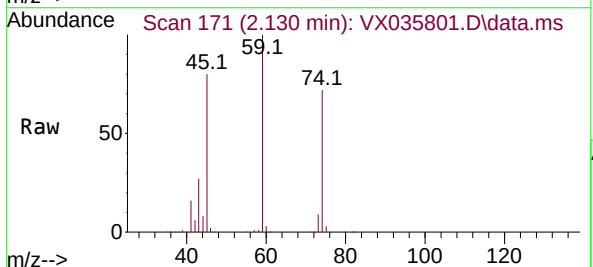
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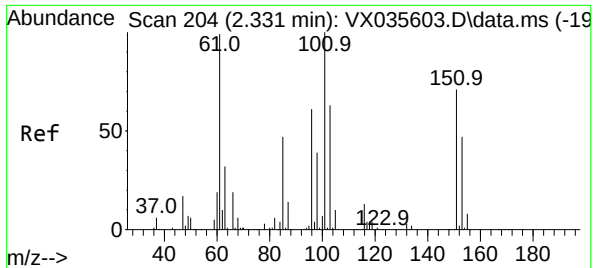
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#8
Diethyl Ether
Concen: 47.706 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38

Tgt Ion: 74 Resp: 68242
Ion Ratio Lower Upper
74 100
45 103.7 49.8 149.3





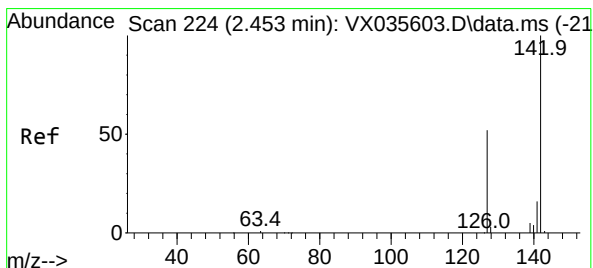
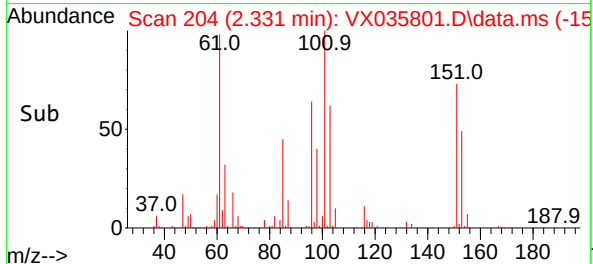
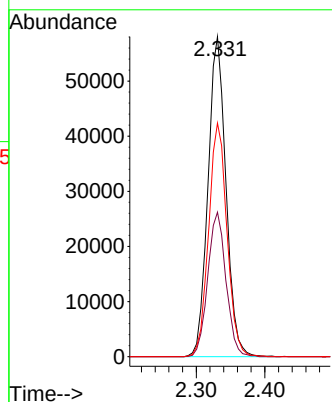
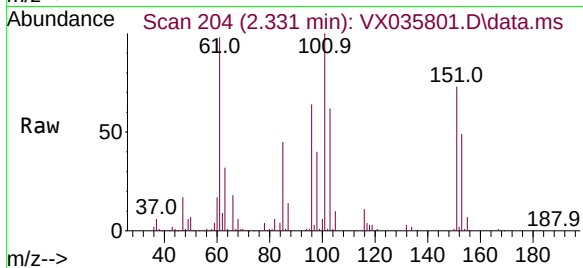
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.938 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
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Tgt Ion:101 Resp: 105740
Ion Ratio Lower Upper
101 100
85 45.9 35.4 53.2
151 74.7 60.2 90.4

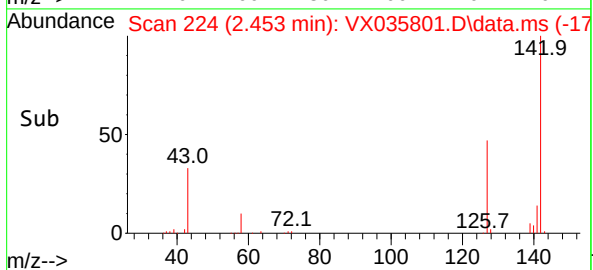
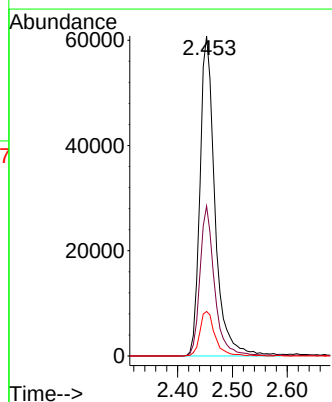
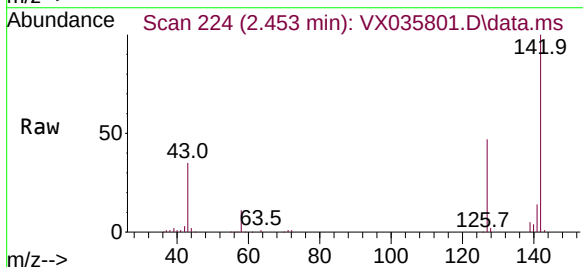
Manual Integrations
APPROVED

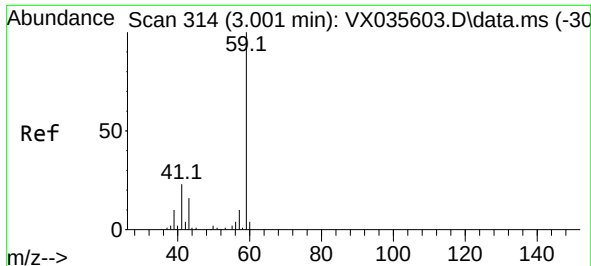
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#10
Methyl Iodide
Concen: 58.755 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38

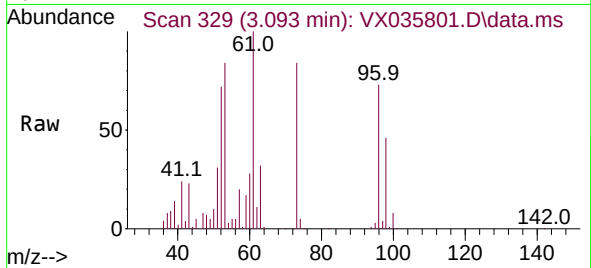
Tgt Ion:142 Resp: 115911
Ion Ratio Lower Upper
142 100
127 45.6 34.0 51.0
141 14.1 11.1 16.7





#11
Tert butyl alcohol
Concen: 203.104 ug/l
RT: 3.093 min Scan# 314
Delta R.T. 0.092 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38

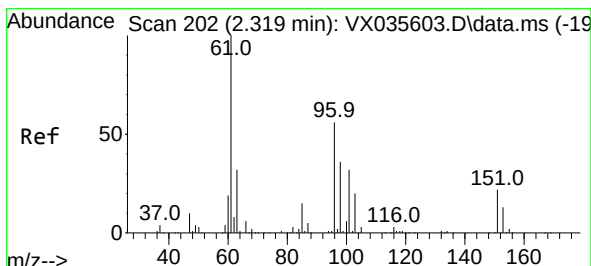
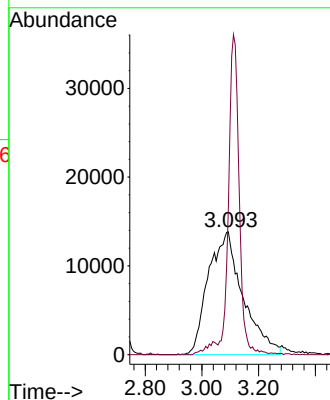
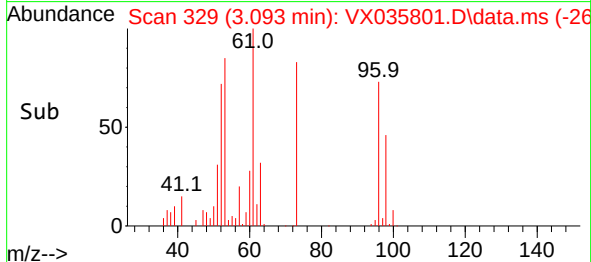
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 117678
Ion Ratio Lower Upper
59 100
57 77.6 8.1 12.1

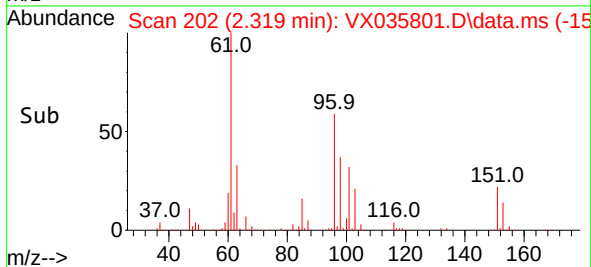
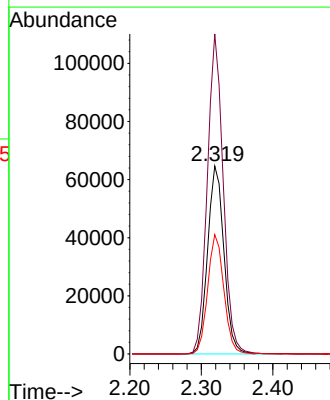
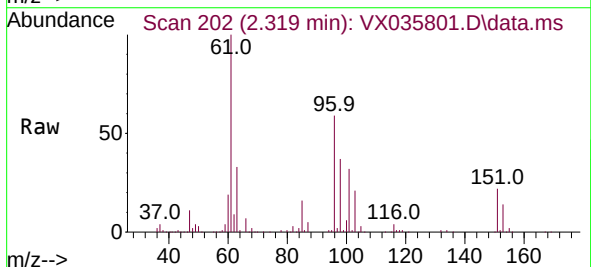
Manual Integrations
APPROVED

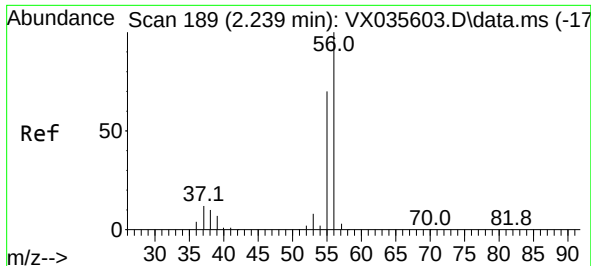
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#12
1,1-Dichloroethene
Concen: 49.004 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38

Tgt Ion: 96 Resp: 102731
Ion Ratio Lower Upper
96 100
61 170.2 128.8 193.2
98 63.5 51.4 77.0





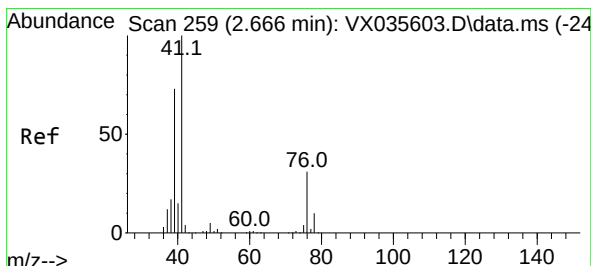
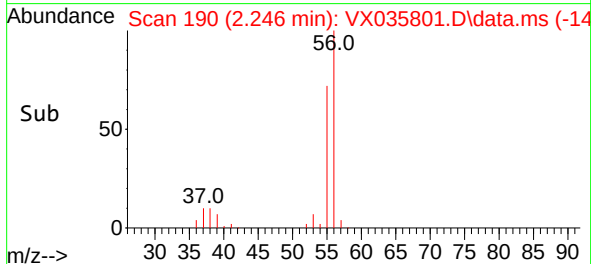
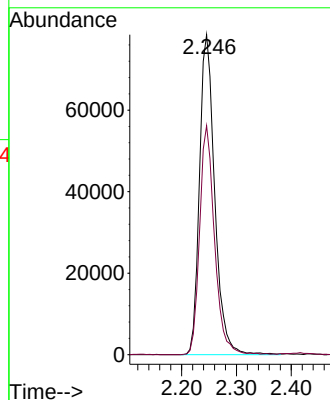
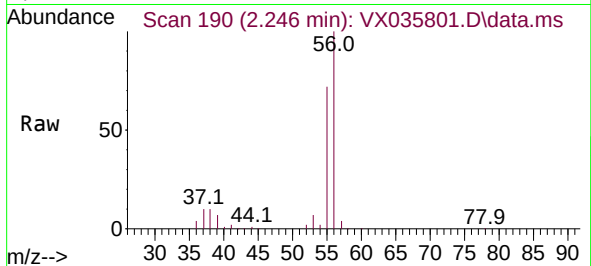
#13
Acrolein
Concen: 220.311 ug/l
RT: 2.246 min Scan# 189
Delta R.T. 0.007 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 151502
Ion Ratio Lower Upper
56 100
55 70.4 56.6 85.0

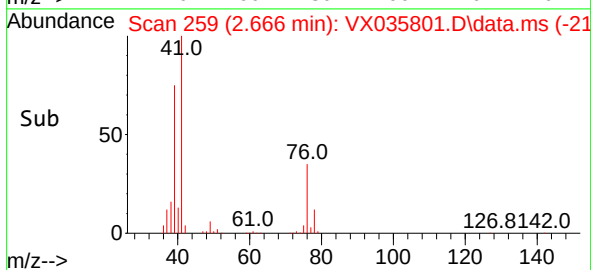
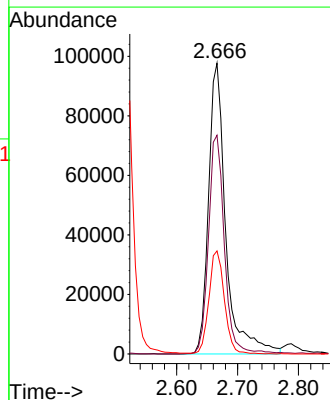
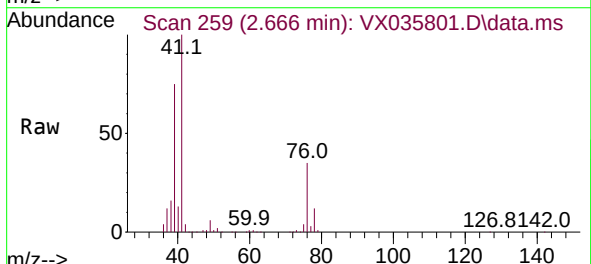
Manual Integrations
APPROVED

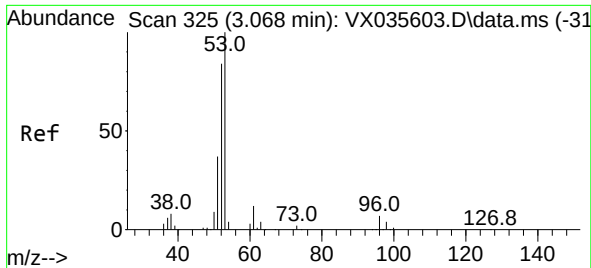
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#14
Allyl chloride
Concen: 42.804 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38

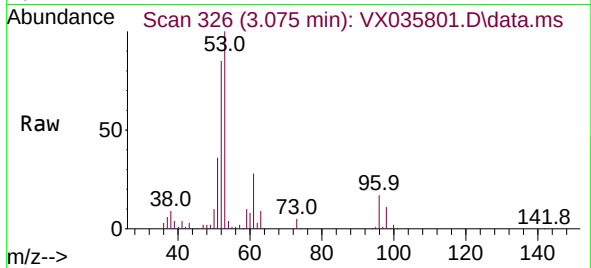
Tgt Ion: 41 Resp: 192239
Ion Ratio Lower Upper
41 100
39 69.6 52.4 78.6
76 31.9 26.0 39.0





#15
Acrylonitrile
Concen: 245.453 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38

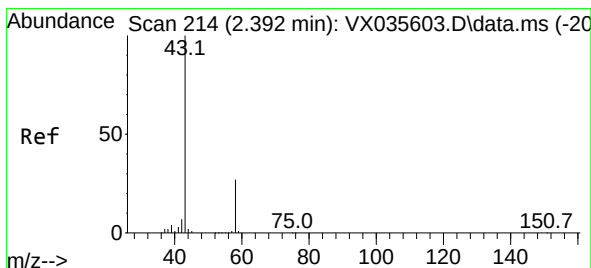
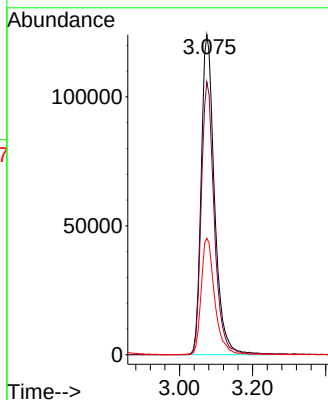
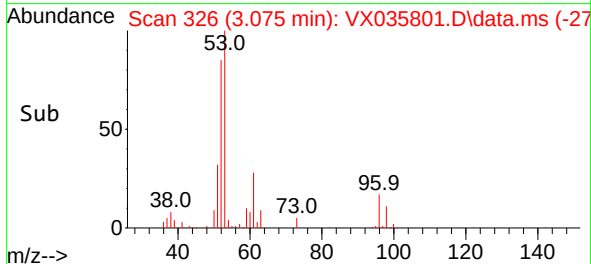
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 313162
Ion Ratio Lower Upper
53 100
52 83.2 66.2 99.2
51 37.1 28.3 42.5

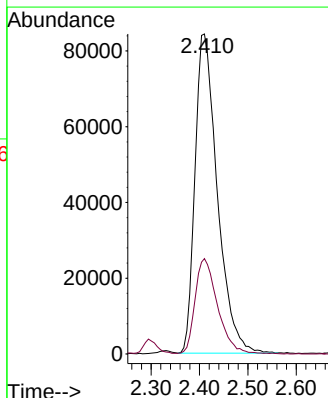
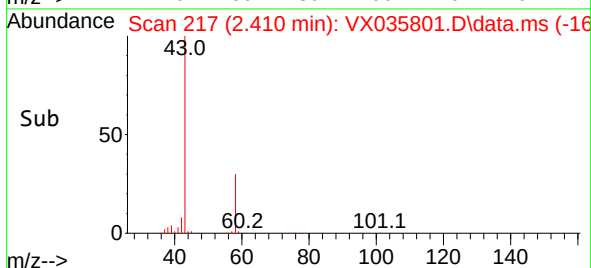
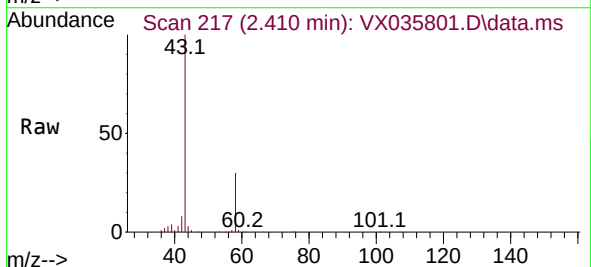
Manual Integrations
APPROVED

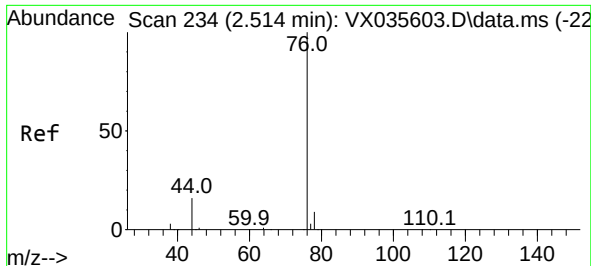
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#16
Acetone
Concen: 191.699 ug/l
RT: 2.410 min Scan# 217
Delta R.T. 0.018 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38

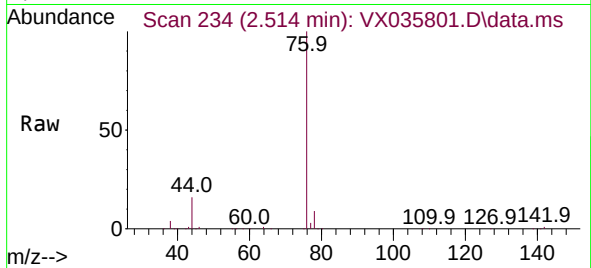
Tgt Ion: 43 Resp: 270580
Ion Ratio Lower Upper
43 100
58 29.7 24.7 37.1





#17
Carbon Disulfide
Concen: 41.624 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38

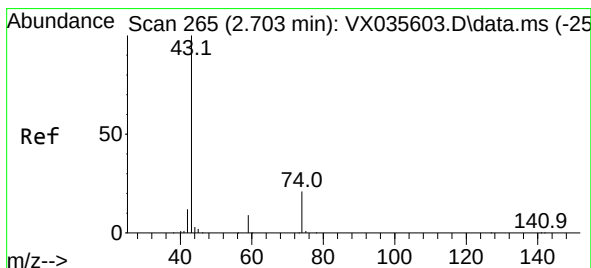
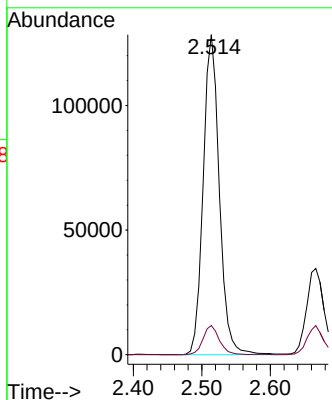
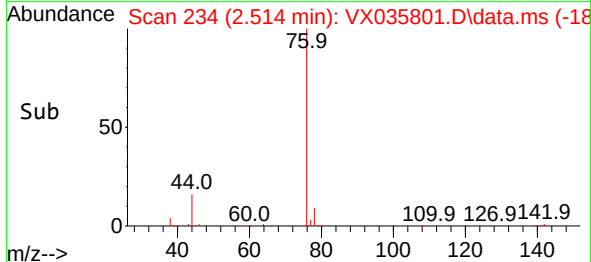
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 210590
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

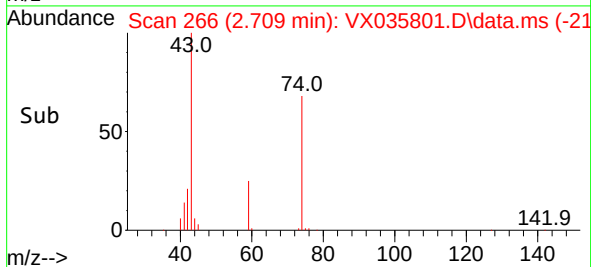
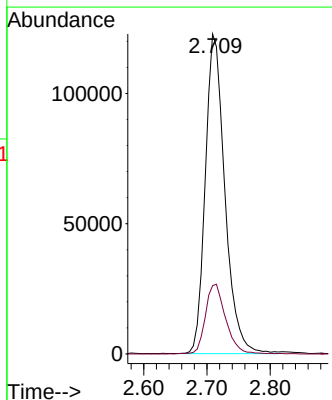
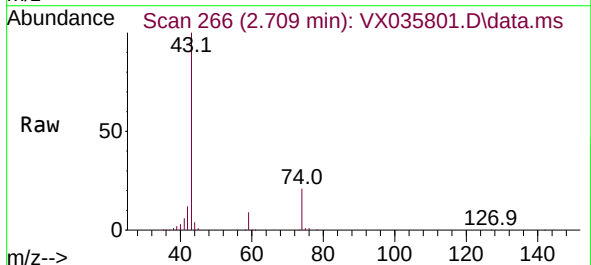
Manual Integrations
APPROVED

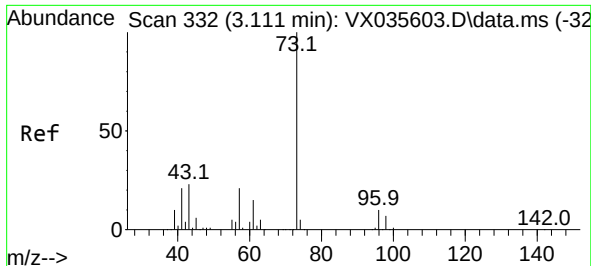
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#18
Methyl Acetate
Concen: 50.800 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38

Tgt Ion: 43 Resp: 264439
Ion Ratio Lower Upper
43 100
74 22.7 18.3 27.5





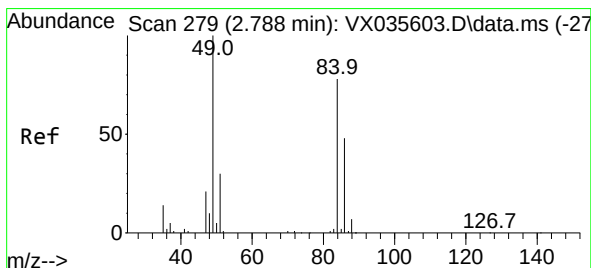
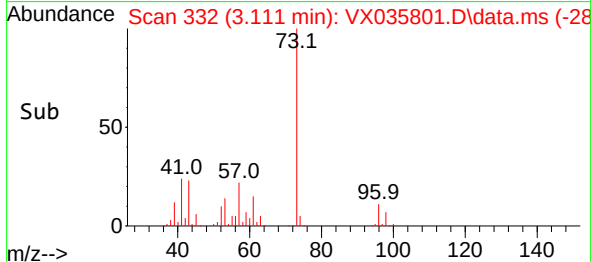
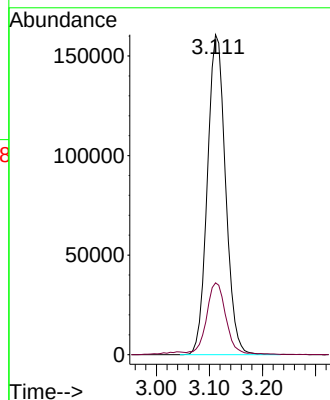
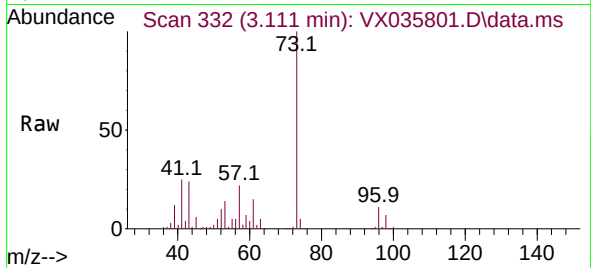
#19
Methyl tert-butyl Ether
Concen: 45.837 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 382384
Ion Ratio Lower Upper
73 100
57 22.3 18.5 27.7

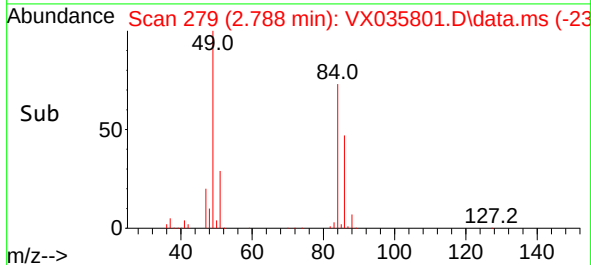
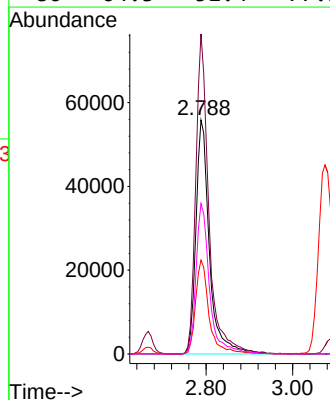
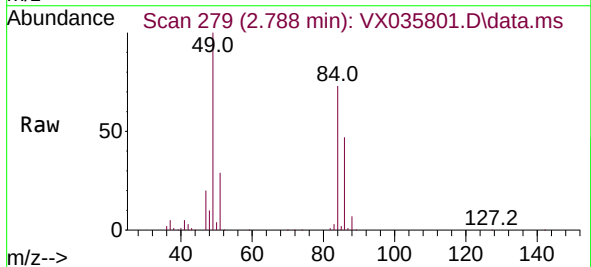
Manual Integrations
APPROVED

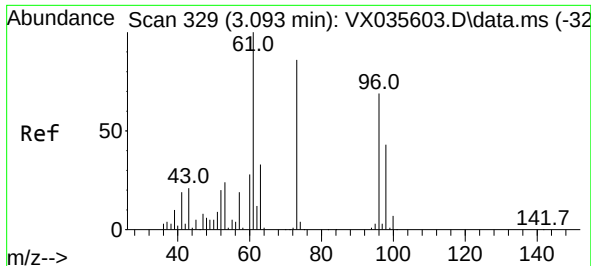
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#20
Methylene Chloride
Concen: 47.308 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38

Tgt Ion: 84 Resp: 121018
Ion Ratio Lower Upper
84 100
49 136.8 103.8 155.8
51 40.1 31.8 47.8
86 64.3 51.4 77.2





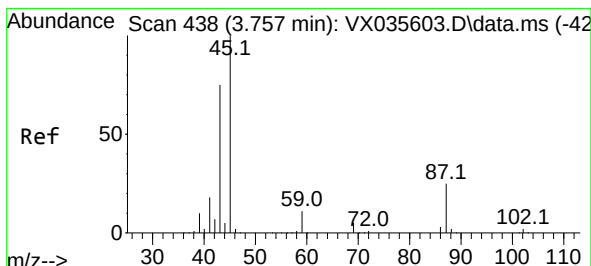
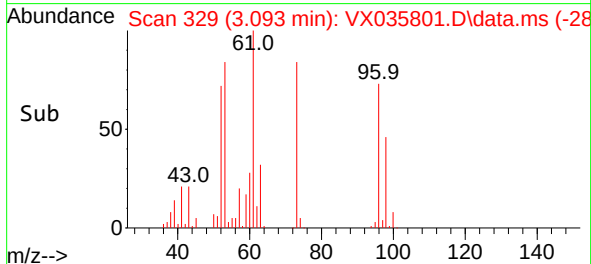
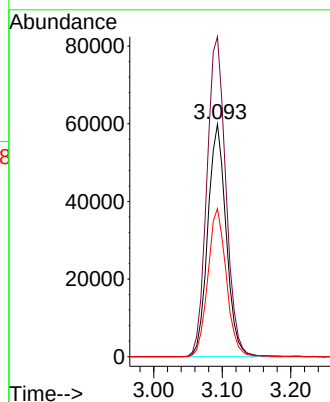
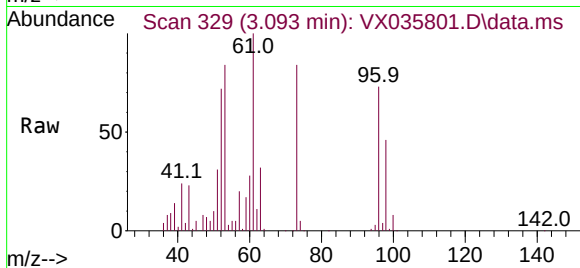
#21
trans-1,2-Dichloroethene
Concen: 48.586 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.000 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 111610
Ion Ratio Lower Upper
96 100
61 137.4 113.0 169.6
98 63.7 52.1 78.1

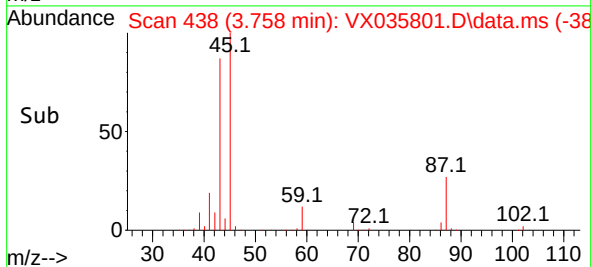
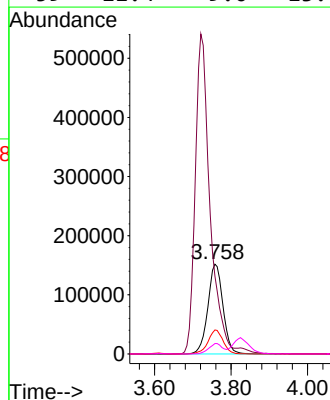
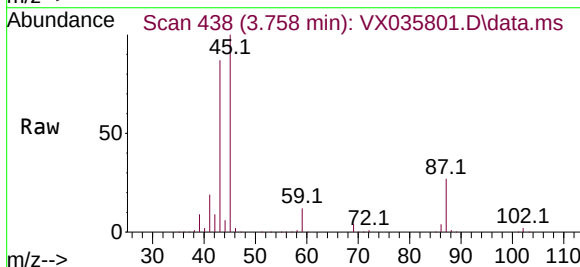
Manual Integrations
APPROVED

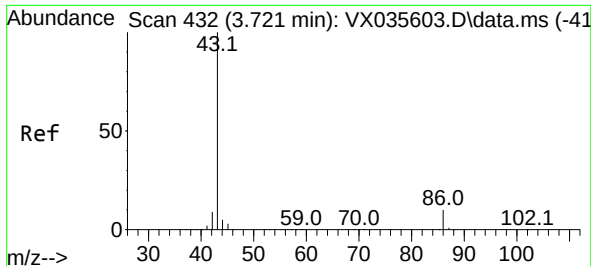
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#22
Diisopropyl ether
Concen: 47.300 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.001 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38

Tgt Ion: 45 Resp: 415933
Ion Ratio Lower Upper
45 100
43 86.7 65.4 98.2
87 26.8 20.6 31.0
59 11.4 9.0 13.6





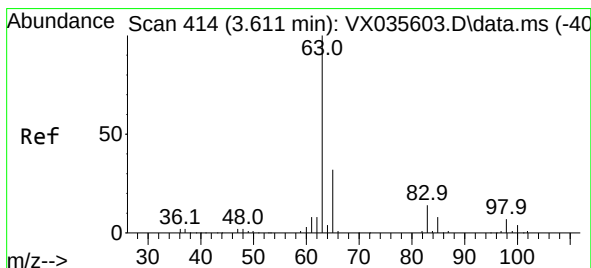
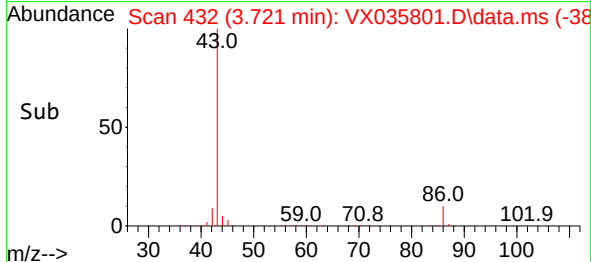
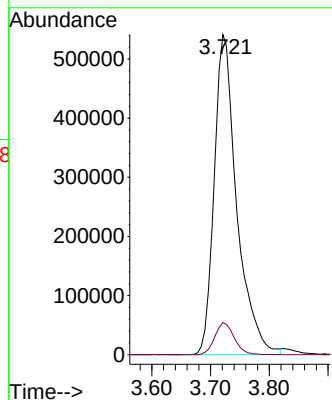
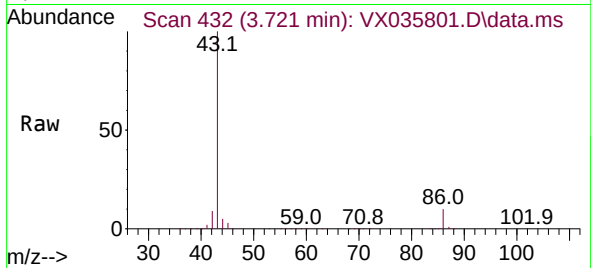
#23
 Vinyl Acetate
 Concen: 232.149 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX035801.D
 Acq: 22 May 2023 21:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 144442
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.5 12.7

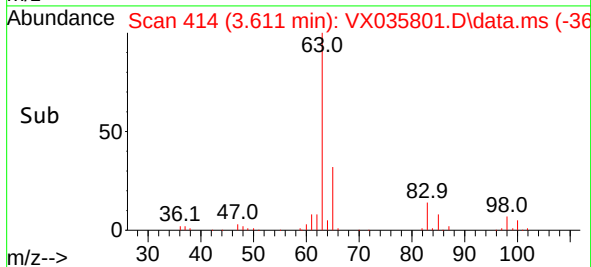
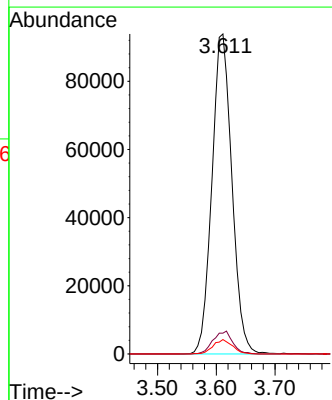
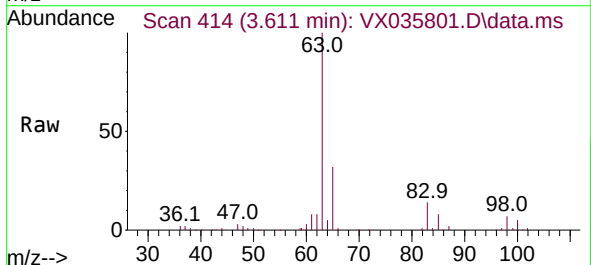
Manual Integrations
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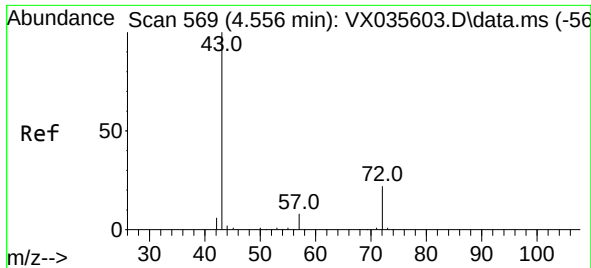
Reviewed By :John Carlone 05/23/2023
 Supervised By :Mahesh Dadoda 05/23/2023



#24
 1,1-Dichloroethane
 Concen: 47.176 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX035801.D
 Acq: 22 May 2023 21:38

Tgt Ion: 63 Resp: 221865
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.8 11.2
 100 4.5 2.4 7.1





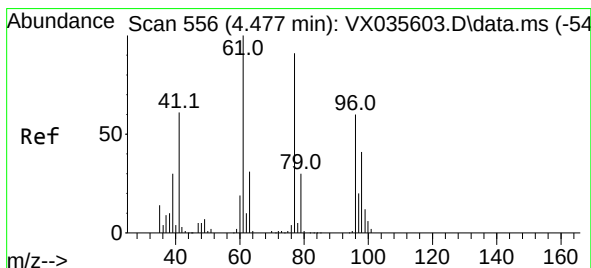
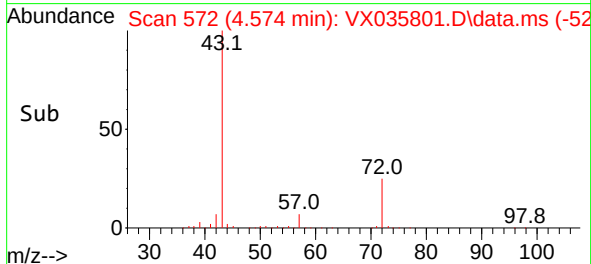
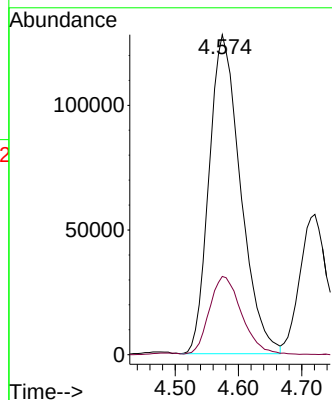
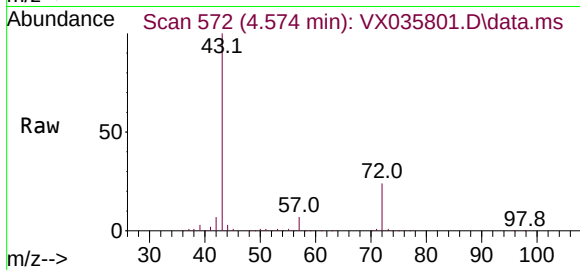
#25
2-Butanone
Concen: 226.181 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 44194
Ion Ratio Lower Upper
43 100
72 24.3 19.3 28.9

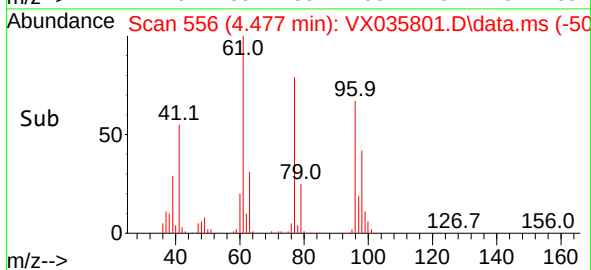
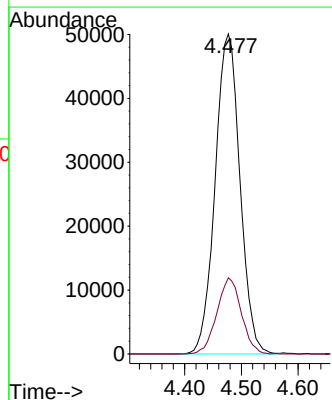
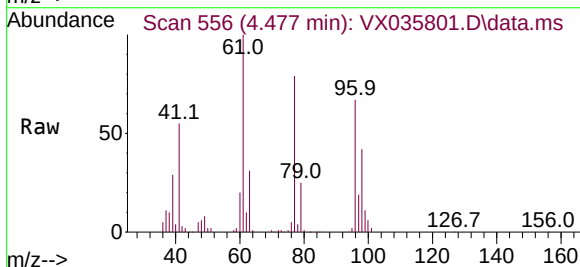
Manual Integrations
APPROVED

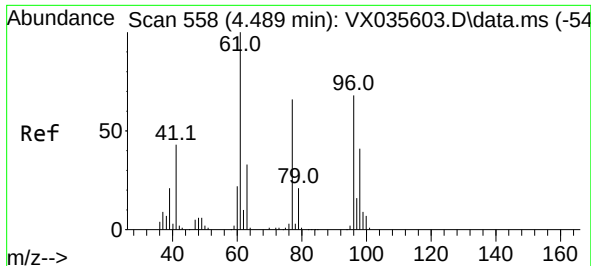
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#26
2,2-Dichloropropane
Concen: 38.166 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38

Tgt Ion: 77 Resp: 151997
Ion Ratio Lower Upper
77 100
97 23.4 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 48.933 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX035801.D

Acq: 22 May 2023 21:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 13512

Ion Ratio Lower Upper

96 100

61 146.9 0.0 300.4

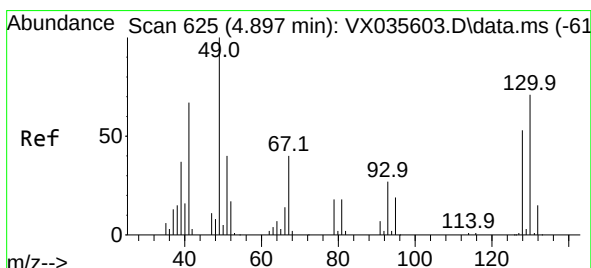
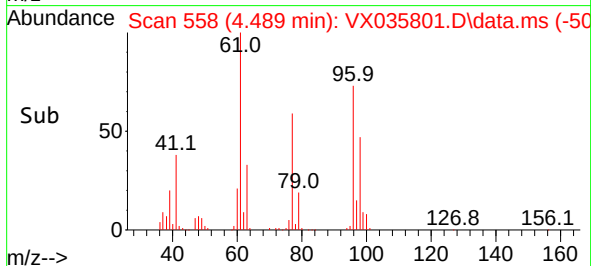
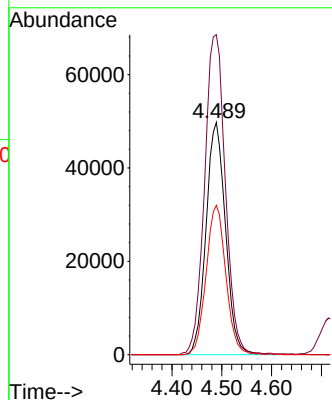
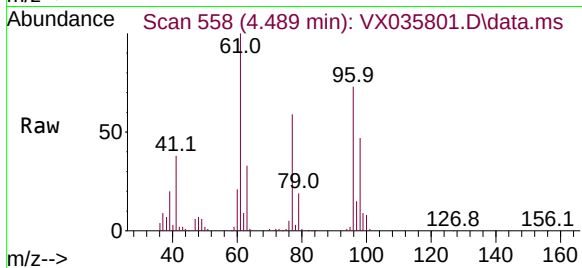
98 65.0 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#28

Bromochloromethane

Concen: 42.738 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.001 min

Lab File: VX035801.D

Acq: 22 May 2023 21:38

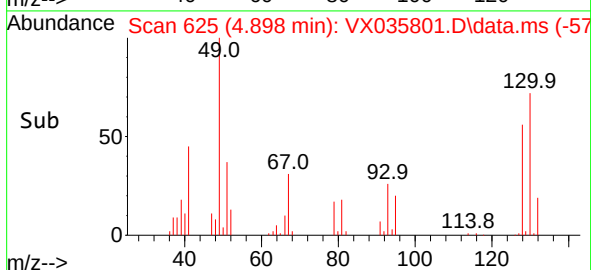
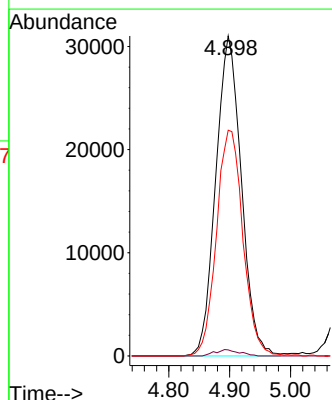
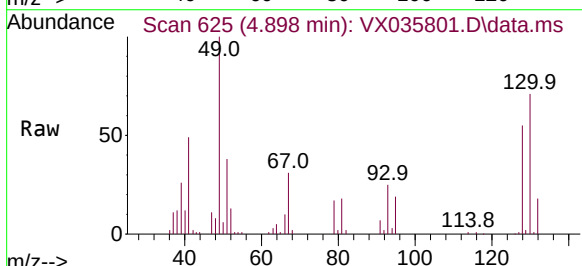
Tgt Ion: 49 Resp: 90405

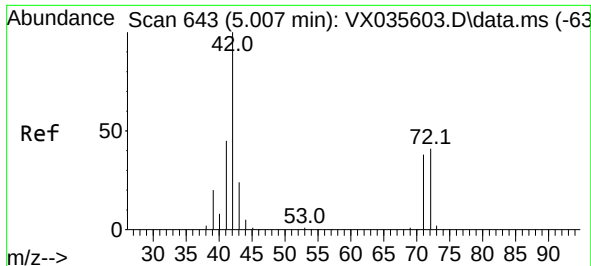
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

130 72.8 58.2 87.2





#29

Tetrahydrofuran

Concen: 234.831 ug/l

RT: 5.019 min Scan# 64

Delta R.T. 0.012 min

Lab File: VX035801.D

Acq: 22 May 2023 21:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 288400

Ion Ratio Lower Upper

42 100

72 42.7 34.5 51.7

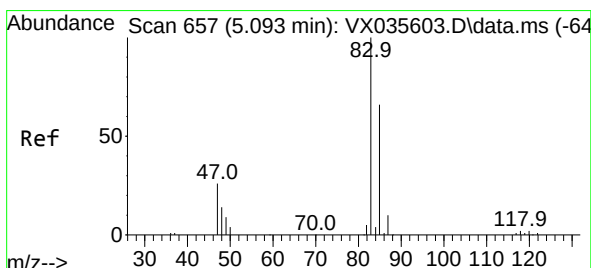
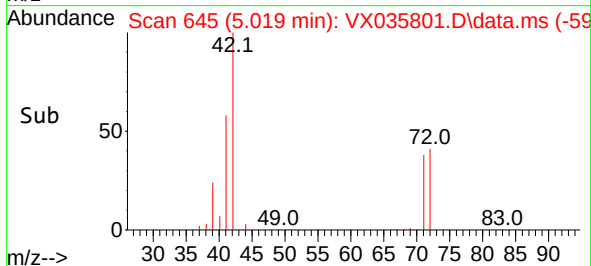
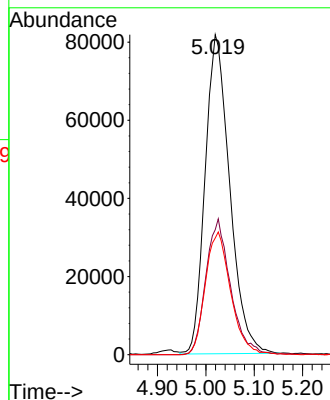
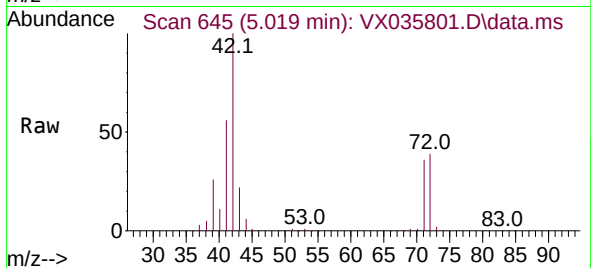
71 39.7 32.1 48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#30

Chloroform

Concen: 46.590 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX035801.D

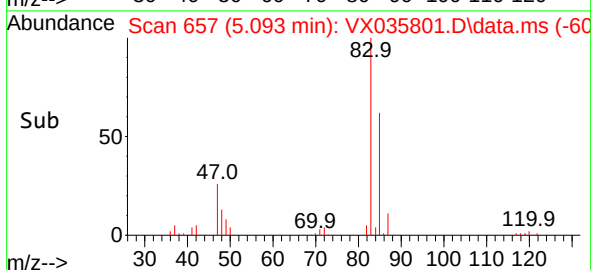
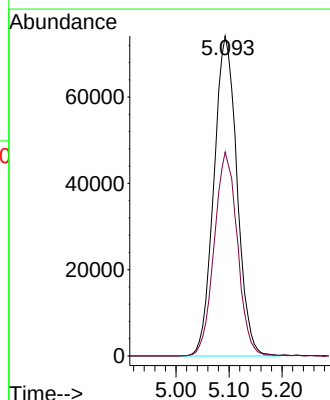
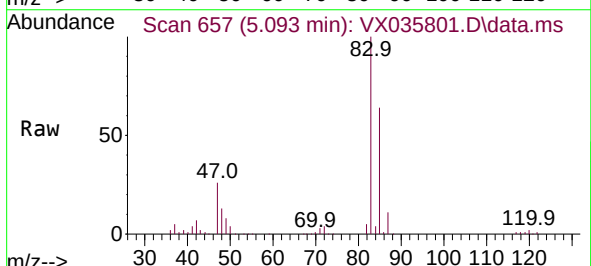
Acq: 22 May 2023 21:38

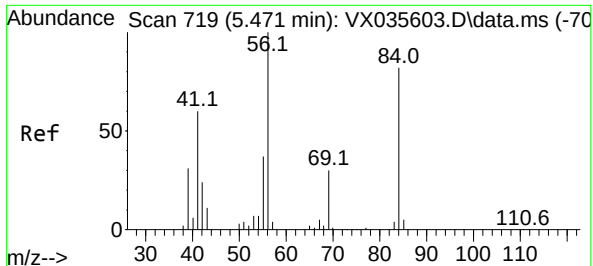
Tgt Ion: 83 Resp: 224527

Ion Ratio Lower Upper

83 100

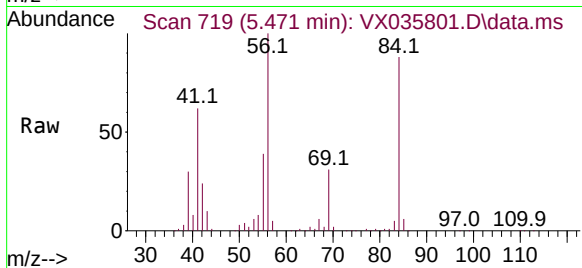
85 63.8 50.6 76.0





#31
Cyclohexane
Concen: 45.840 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38

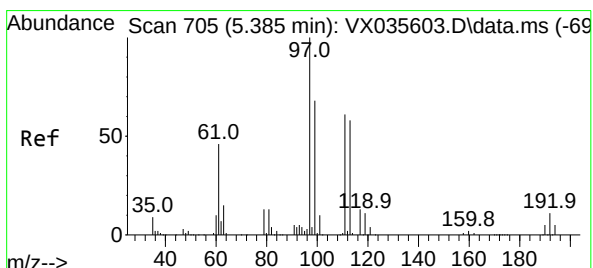
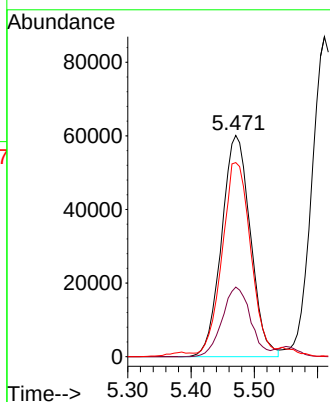
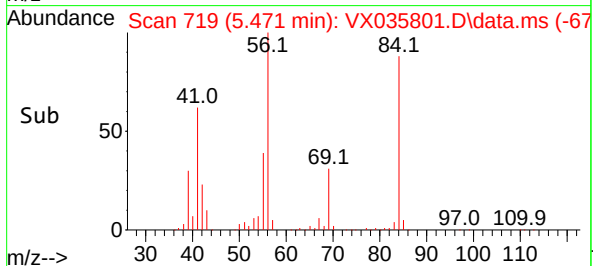
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



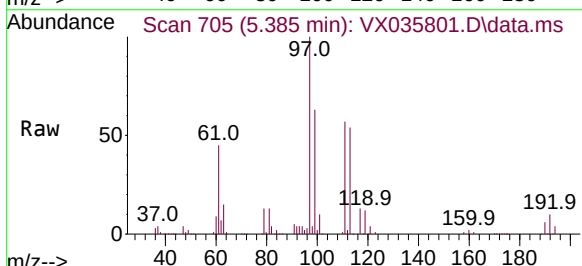
Tgt Ion: 56 Resp: 190199
Ion Ratio Lower Upper
56 100
69 31.4 23.7 35.5
84 85.9 68.5 102.7

Manual Integrations
APPROVED

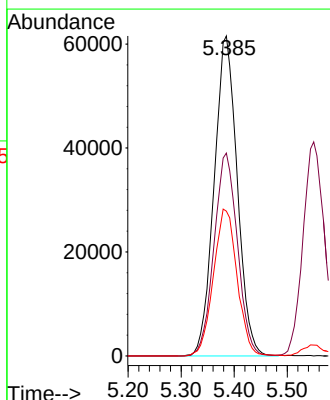
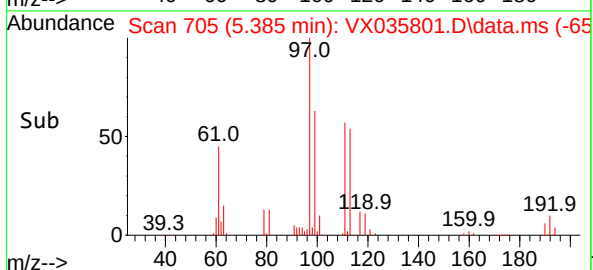
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

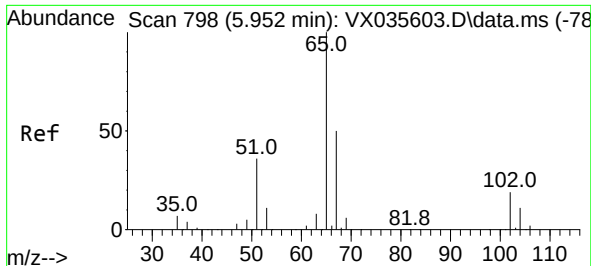


#32
1,1,1-Trichloroethane
Concen: 44.396 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38



Tgt Ion: 97 Resp: 186156
Ion Ratio Lower Upper
97 100
99 64.2 51.1 76.7
61 47.2 36.5 54.7





#33
1,2-Dichloroethane-d4
Concen: 38.611 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38

Instrument :

MSVOA_X

ClientSampleId :

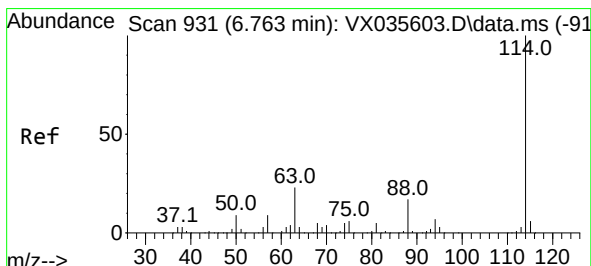
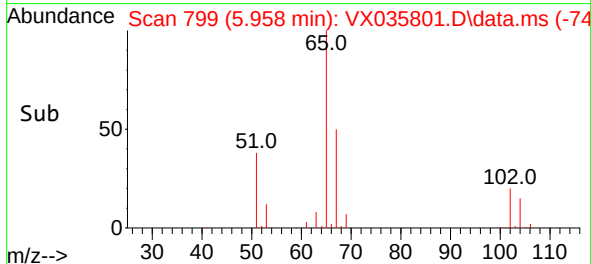
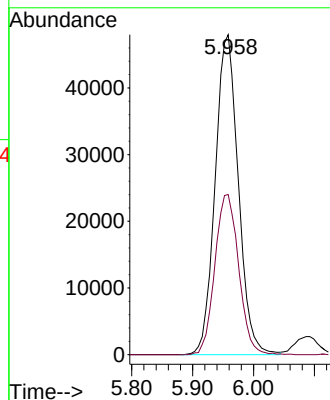
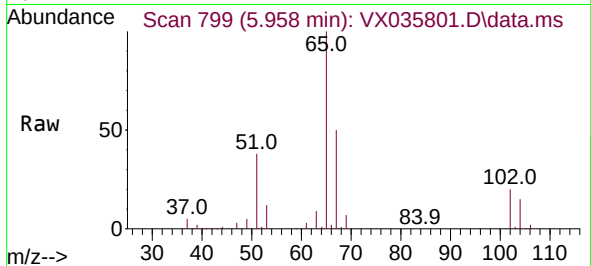
VSTDCCC050EC

Tgt Ion: 65 Resp: 12680
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.0

Manual Integrations

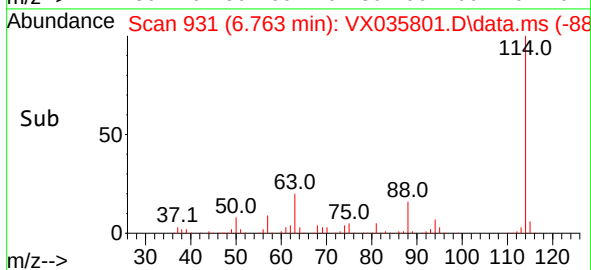
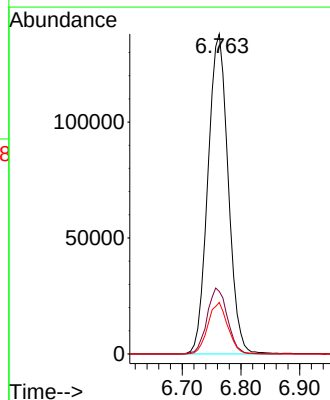
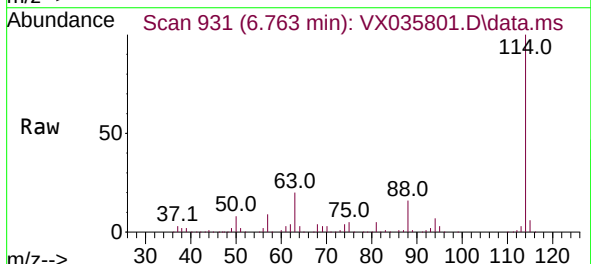
APPROVED

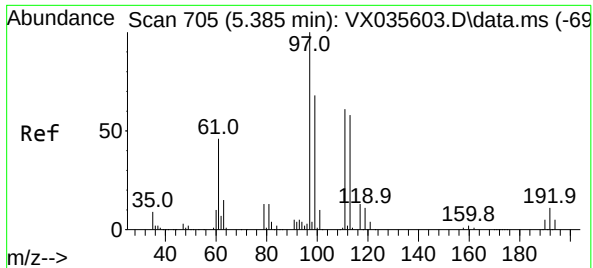
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38

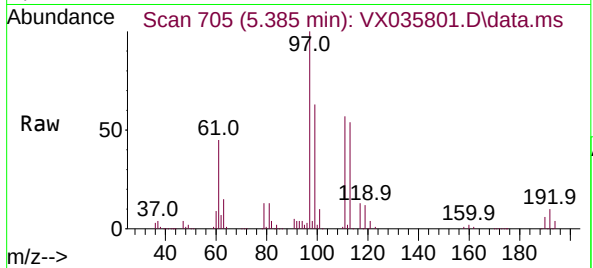
Tgt Ion:114 Resp: 329896
Ion Ratio Lower Upper
114 100
63 19.5 0.0 42.2
88 16.1 0.0 33.2





#35
Dibromofluoromethane
Concen: 44.070 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38

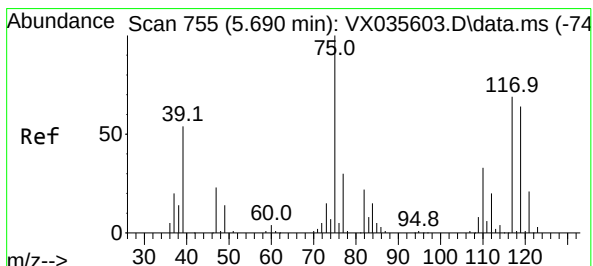
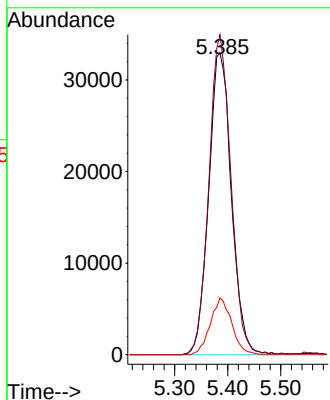
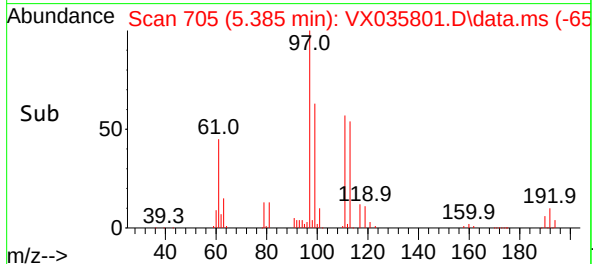
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 98048
Ion Ratio Lower Upper
113 100
111 103.0 83.7 125.5
192 17.7 15.4 23.2

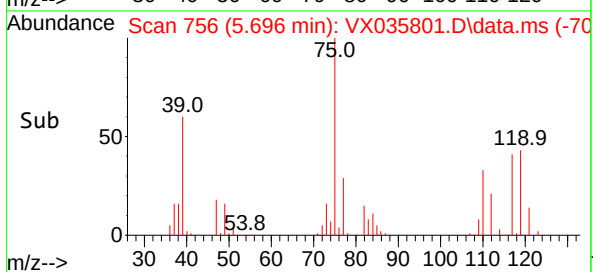
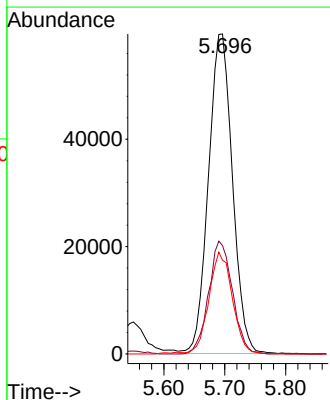
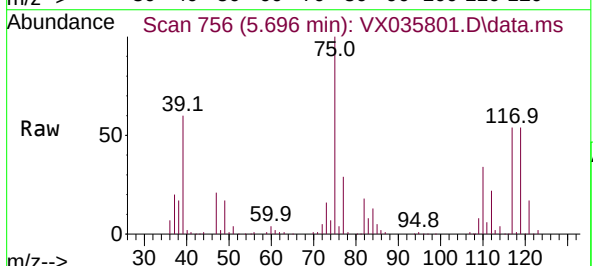
Manual Integrations
APPROVED

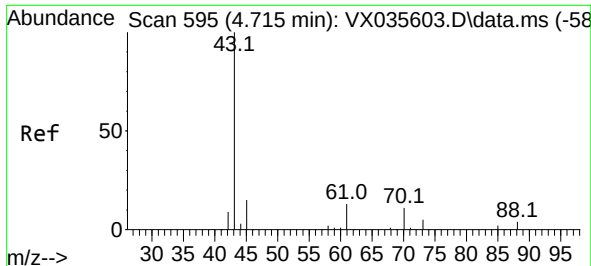
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#36
1,1-Dichloropropene
Concen: 46.467 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38

Tgt Ion: 75 Resp: 163182
Ion Ratio Lower Upper
75 100
110 35.0 17.5 52.5
77 31.1 24.3 36.5





#37

Ethyl Acetate

Concen: 47.802 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX035801.D

Acq: 22 May 2023 21:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 17509

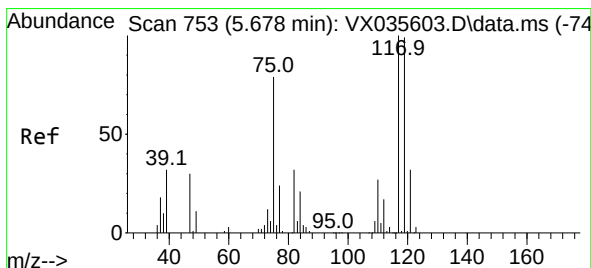
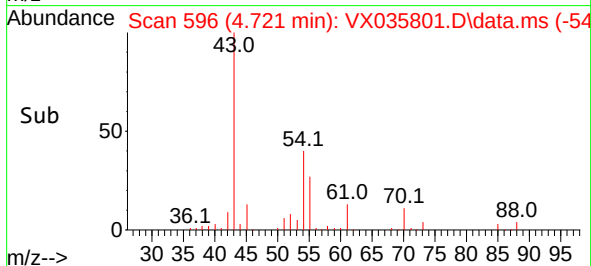
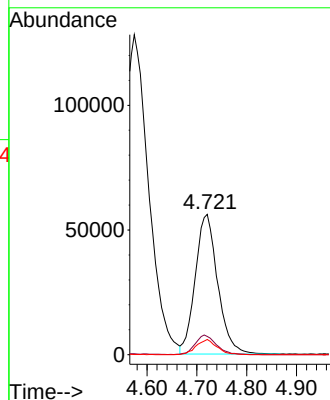
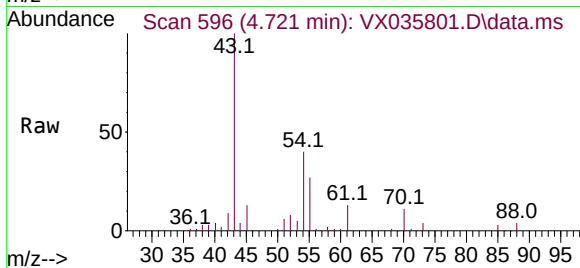
Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.2	15.4
70	10.0	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#38

Carbon Tetrachloride

Concen: 44.926 ug/l

RT: 5.678 min Scan# 753

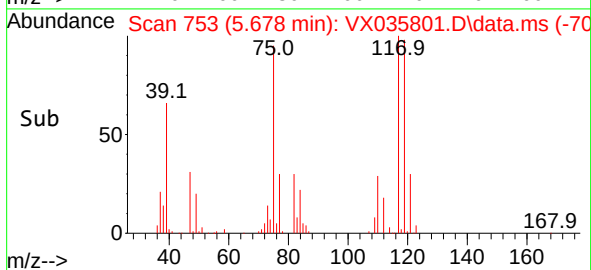
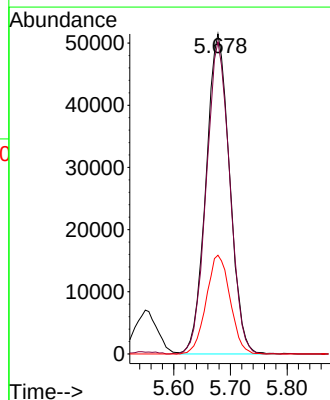
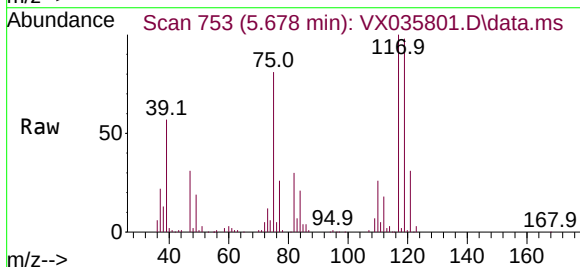
Delta R.T. -0.000 min

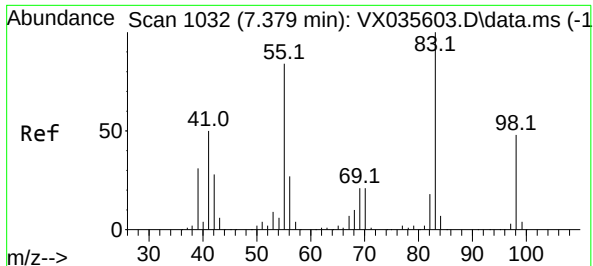
Lab File: VX035801.D

Acq: 22 May 2023 21:38

Tgt Ion:117 Resp: 149452

Ion	Ratio	Lower	Upper
117	100		
119	97.5	76.6	114.8
121	30.8	23.8	35.6





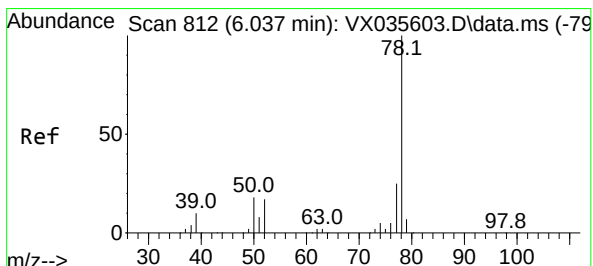
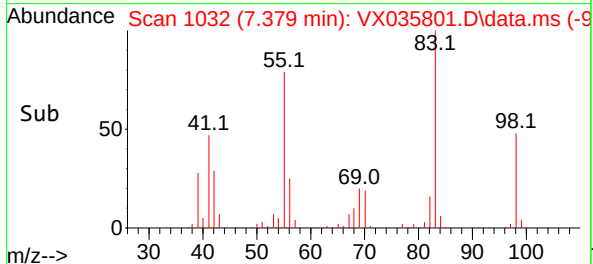
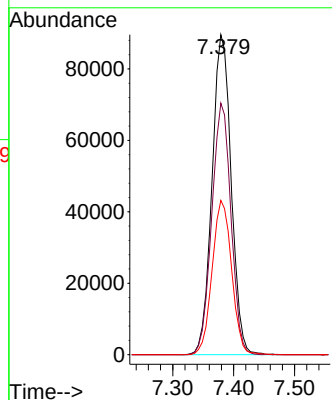
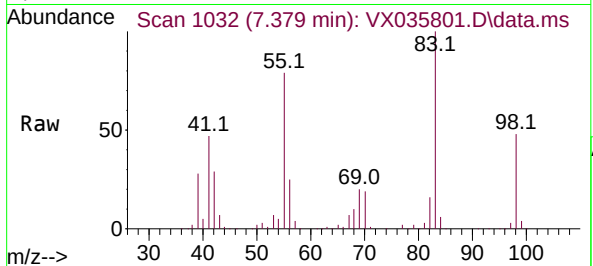
#39
Methylcyclohexane
Concen: 47.391 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 19590
Ion Ratio Lower Upper
83 100
55 78.6 60.5 90.7
98 48.2 40.4 60.6

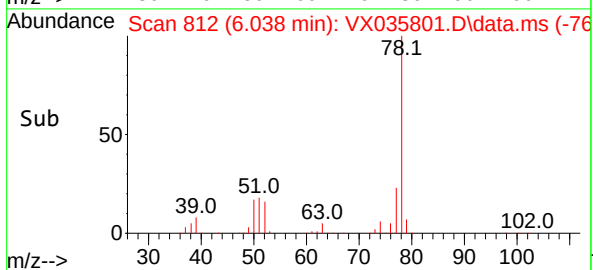
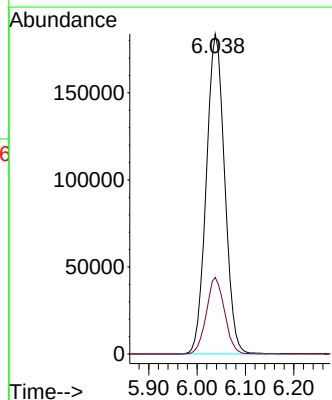
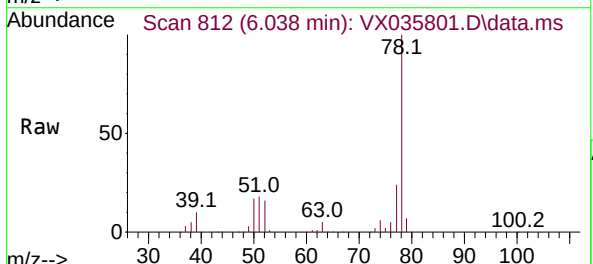
Manual Integrations
APPROVED

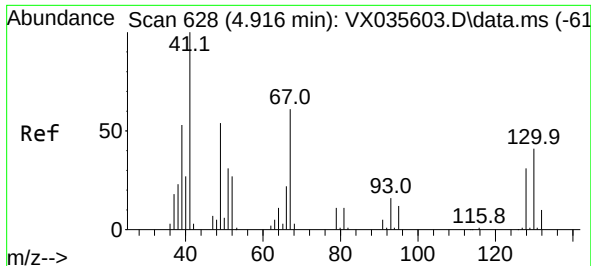
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#40
Benzene
Concen: 49.405 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.001 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38

Tgt Ion: 78 Resp: 485368
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4





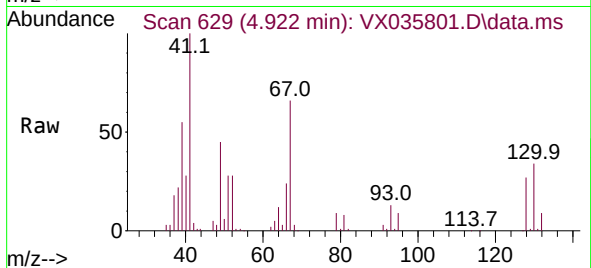
#41
Methacrylonitrile
Concen: 47.622 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



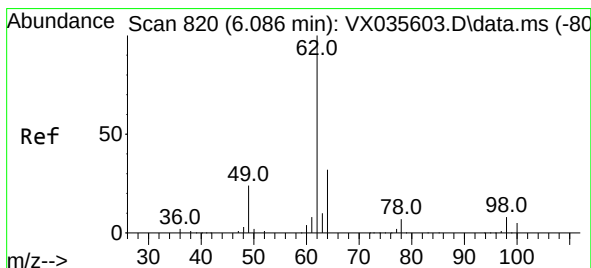
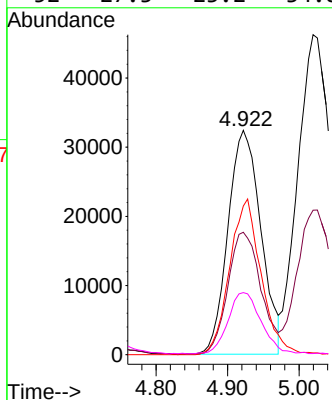
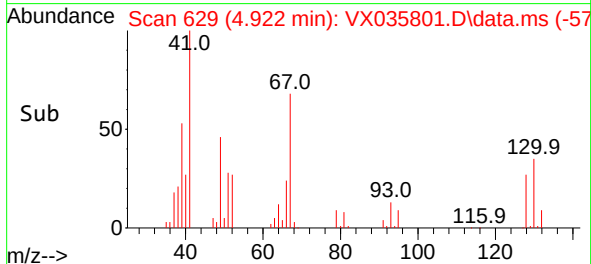
Tgt Ion: 41 Resp: 103569
Ion Ratio Lower Upper
41 100
39 55.3 45.0 67.6
67 66.7 55.6 83.4
52 27.3 23.2 34.8

Manual Integrations

APPROVED

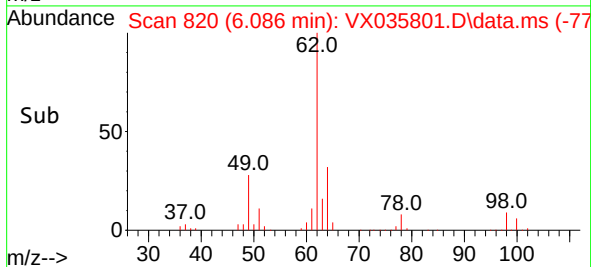
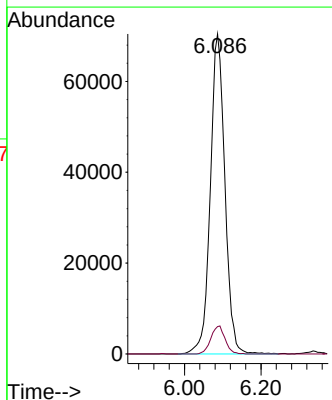
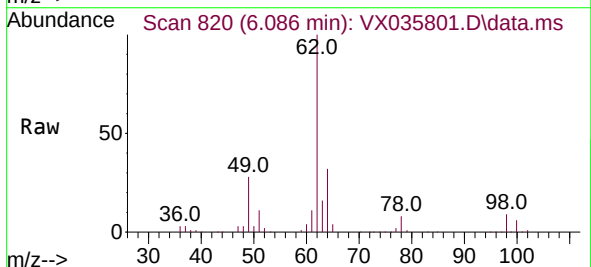
Reviewed By :John Carlone 05/23/2023

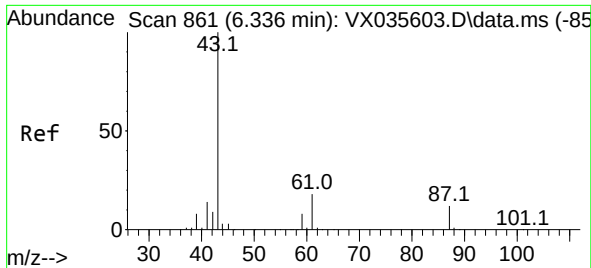
Supervised By :Mahesh Dadoda 05/23/2023



#42
1,2-Dichloroethane
Concen: 44.056 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38

Tgt Ion: 62 Resp: 186184
Ion Ratio Lower Upper
62 100
98 8.6 0.0 18.0





#43

Isopropyl Acetate

Concen: 46.991 ug/l

RT: 6.342 min Scan# 861

Delta R.T. 0.006 min

Lab File: VX035801.D

Acq: 22 May 2023 21:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 300140

Ion Ratio Lower Upper

43 100

61 18.7 15.2 22.8

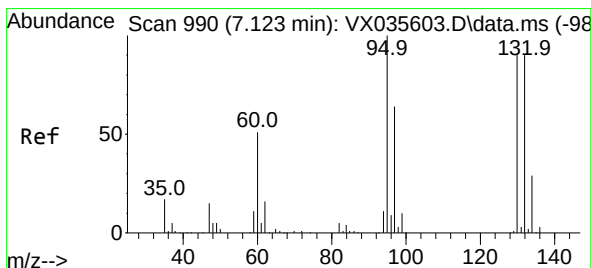
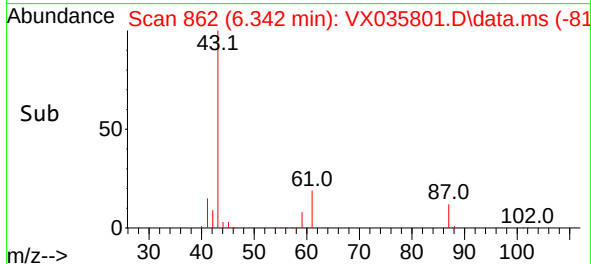
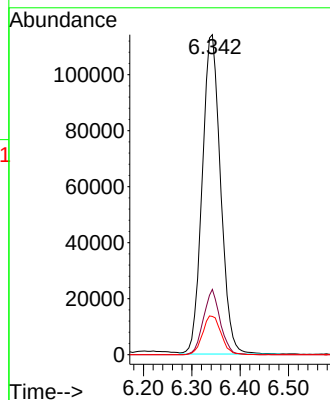
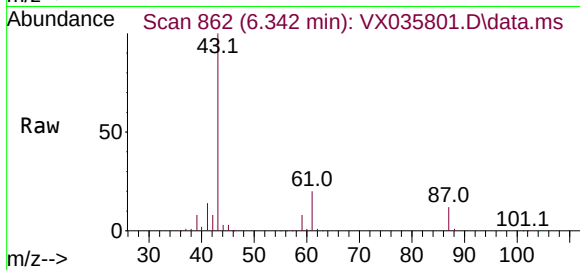
87 12.2 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#44

Trichloroethene

Concen: 49.667 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX035801.D

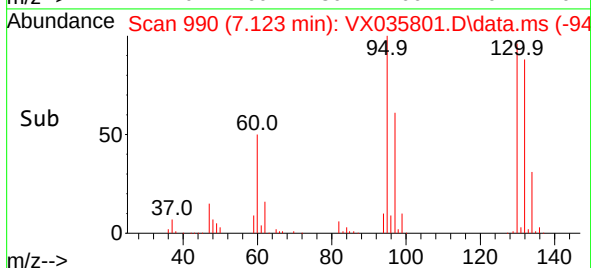
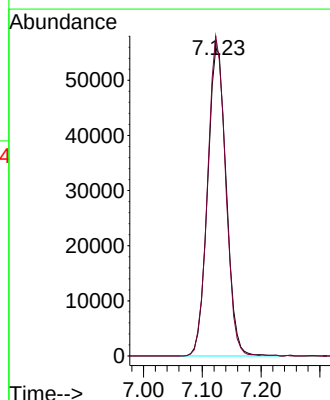
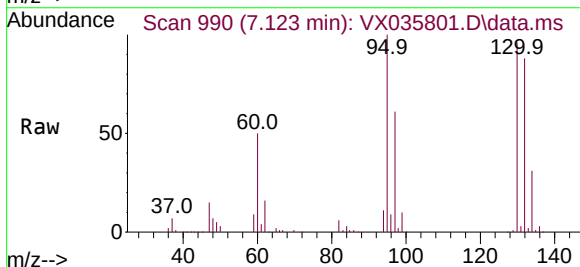
Acq: 22 May 2023 21:38

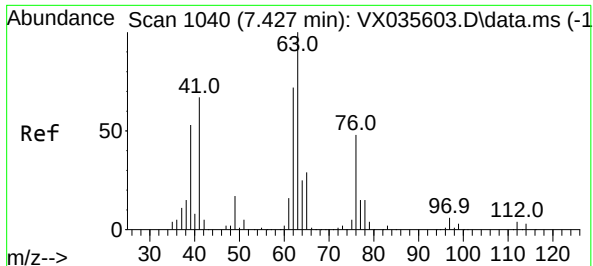
Tgt Ion:130 Resp: 123723

Ion Ratio Lower Upper

130 100

95 104.1 0.0 198.4





#45

1,2-Dichloropropane

Concen: 49.519 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.001 min

Lab File: VX035801.D

Acq: 22 May 2023 21:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 12884

Ion Ratio Lower Upper

63 100

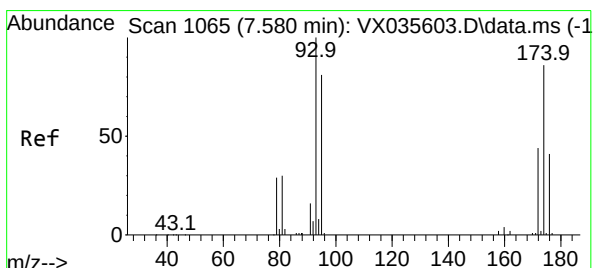
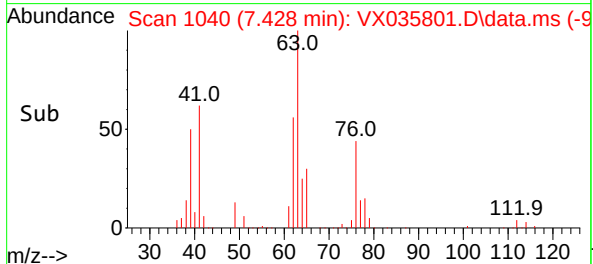
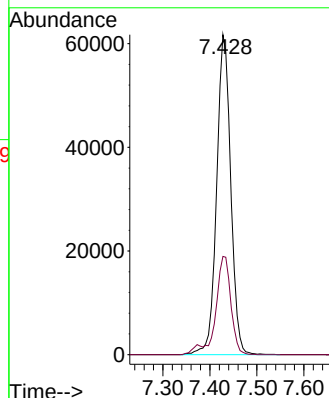
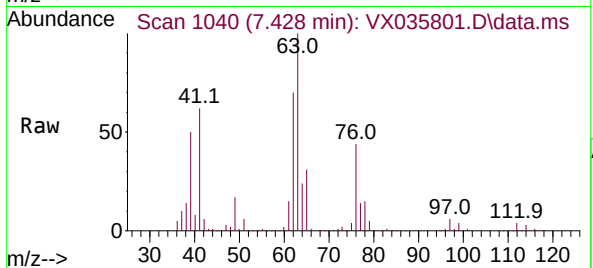
65 30.7 24.6 37.0

Manual Integrations

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Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#46

Dibromomethane

Concen: 48.998 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX035801.D

Acq: 22 May 2023 21:38

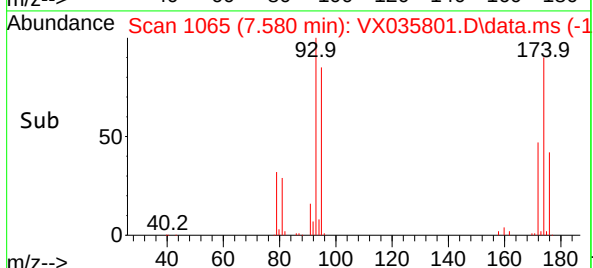
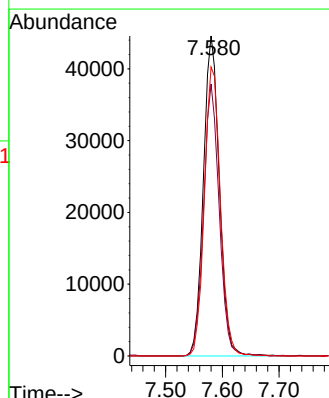
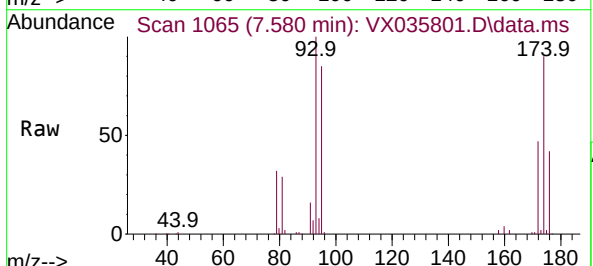
Tgt Ion: 93 Resp: 87267

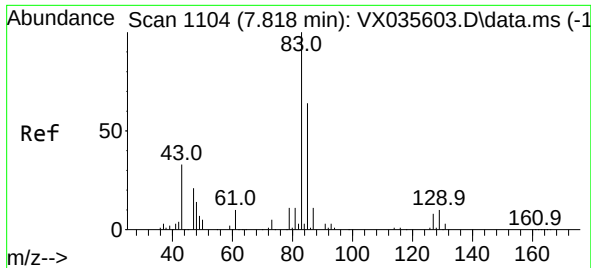
Ion Ratio Lower Upper

93 100

95 83.2 66.9 100.3

174 90.7 75.4 113.0





#47
Bromodichloromethane
Concen: 46.687 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

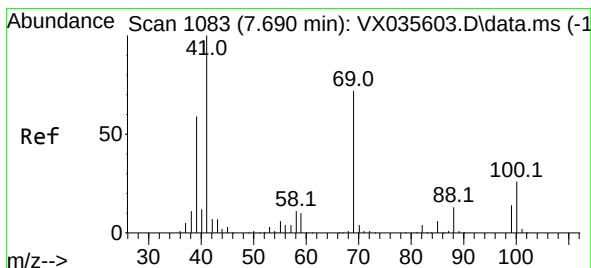
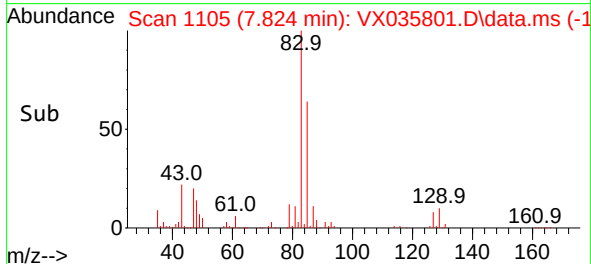
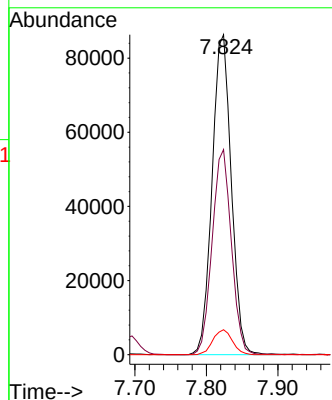
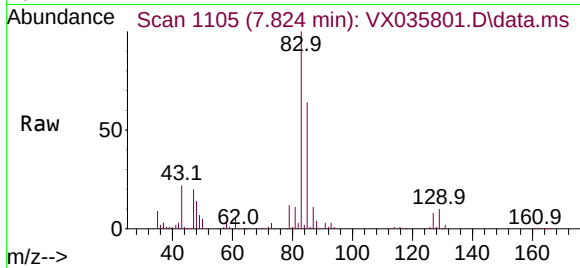
Tgt Ion: 83 Resp: 160719
Ion Ratio Lower Upper
83 100
85 64.1 52.2 78.4
127 7.8 6.6 9.8

Manual Integrations

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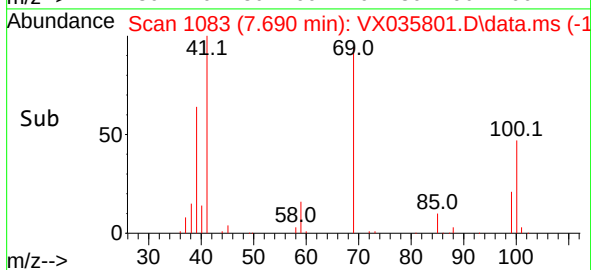
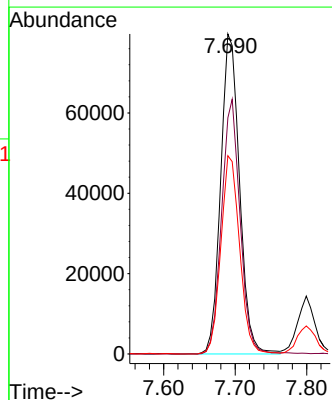
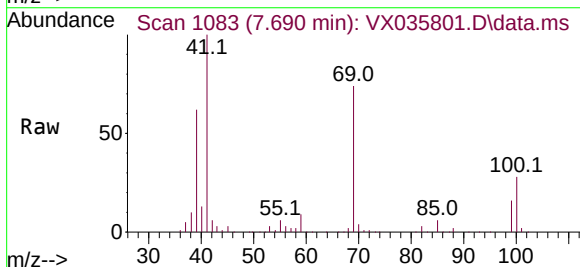
Reviewed By :John Carlone 05/23/2023

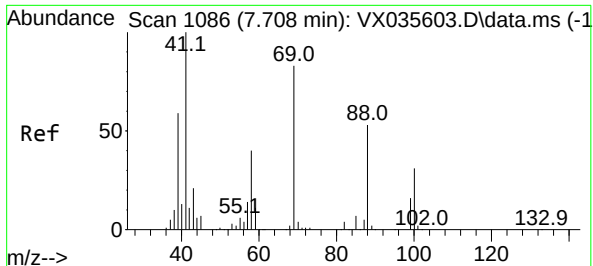
Supervised By :Mahesh Dadoda 05/23/2023



#48
Methyl methacrylate
Concen: 46.243 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38

Tgt Ion: 41 Resp: 145767
Ion Ratio Lower Upper
41 100
69 77.9 62.2 93.4
39 62.0 47.7 71.5





#49

1,4-Dioxane

Concen: 934.040 ug/l

RT: 7.751 min Scan# 1086

Delta R.T. 0.043 min

Lab File: VX035801.D

Acq: 22 May 2023 21:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 5996

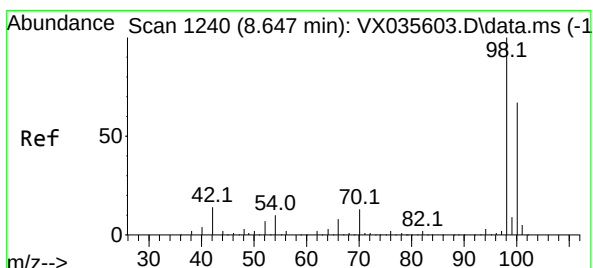
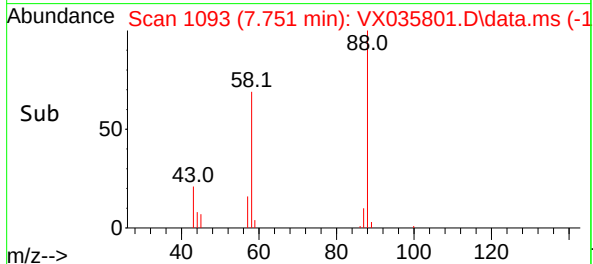
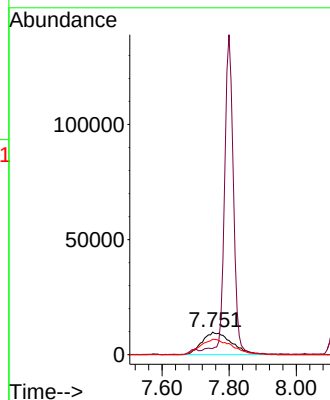
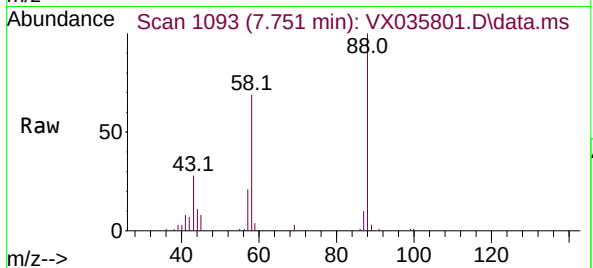
Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.7	41.5
58	73.2	56.8	85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#50

Toluene-d8

Concen: 43.565 ug/l

RT: 8.647 min Scan# 1240

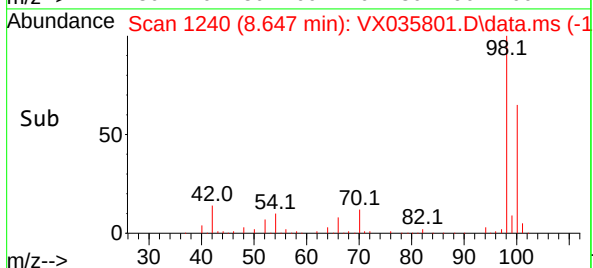
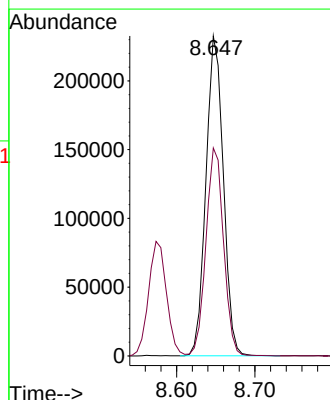
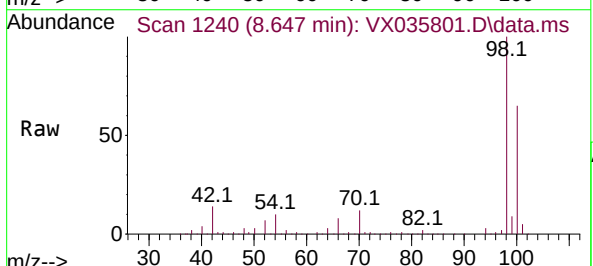
Delta R.T. -0.000 min

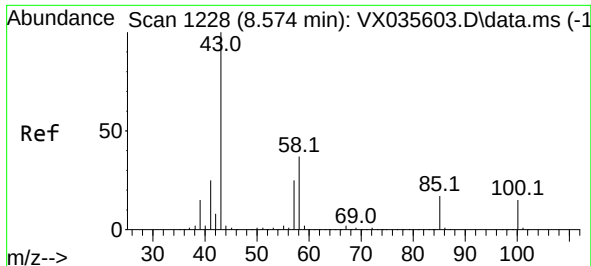
Lab File: VX035801.D

Acq: 22 May 2023 21:38

Tgt Ion: 98 Resp: 358064

Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.5	78.7





#51
4-Methyl-2-Pentanone
Concen: 247.843 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38

Instrument :

MSVOA_X

ClientSampleId :

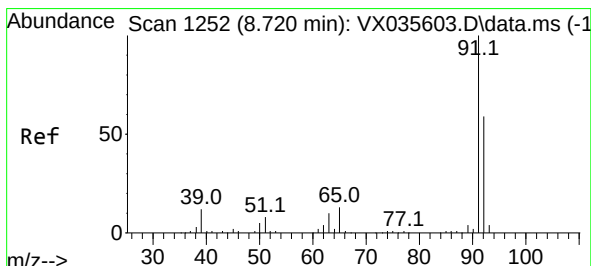
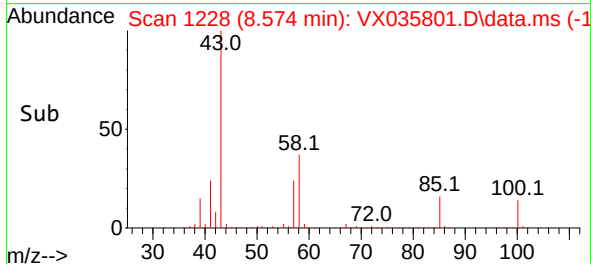
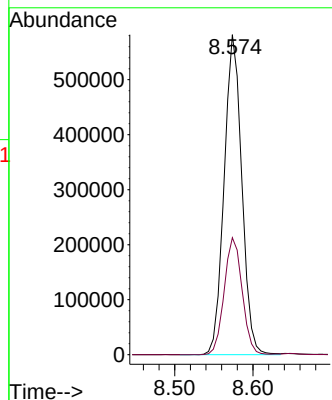
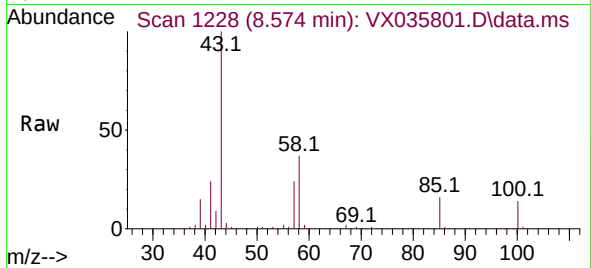
VSTDCCC050EC

Tgt Ion: 43 Resp: 911998
Ion Ratio Lower Upper
43 100
58 37.2 30.6 46.0

Manual Integrations

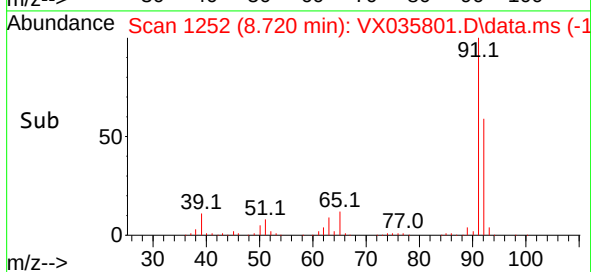
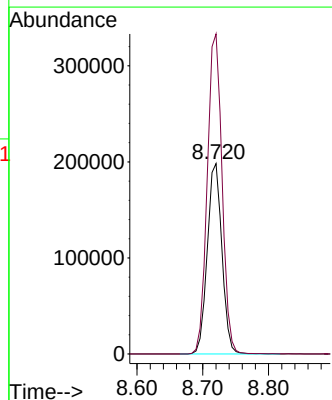
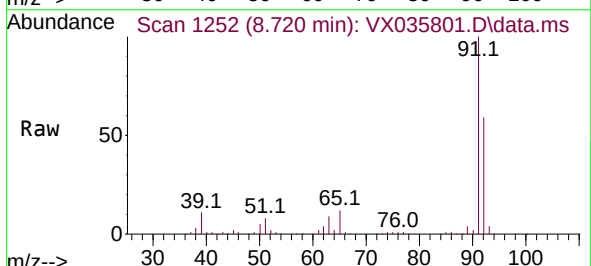
APPROVED

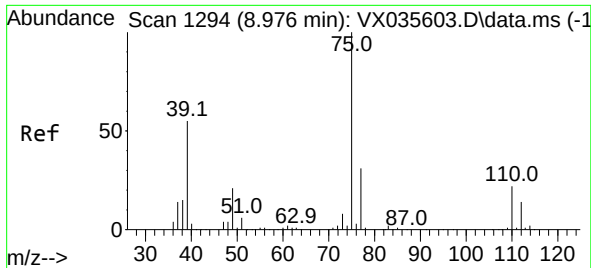
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#52
Toluene
Concen: 49.481 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38

Tgt Ion: 92 Resp: 306852
Ion Ratio Lower Upper
92 100
91 169.7 136.8 205.2





#53
 t-1,3-Dichloropropene
 Concen: 46.164 ug/l
 RT: 8.976 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX035801.D
 Acq: 22 May 2023 21:38

Instrument :

MSVOA_X

ClientSampleId :

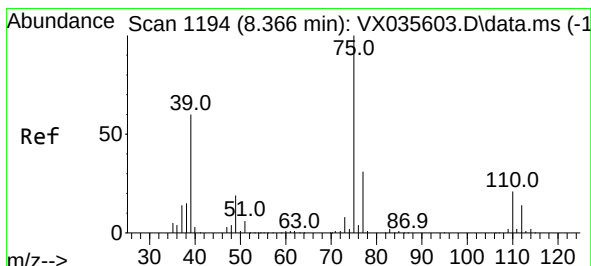
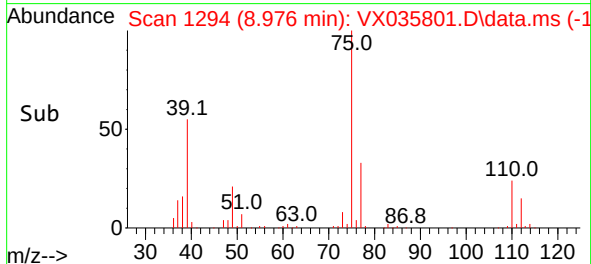
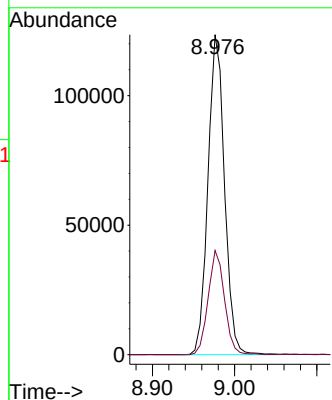
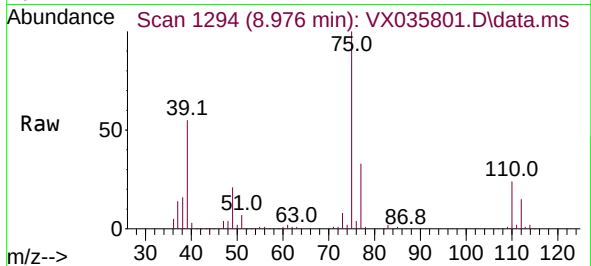
VSTDCCC050EC

Tgt Ion: 75 Resp: 17265
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.4 38.2

Manual Integrations

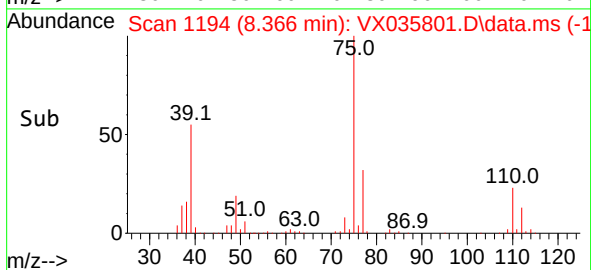
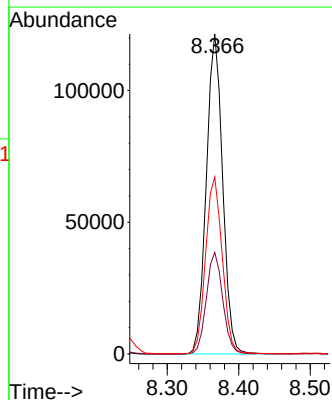
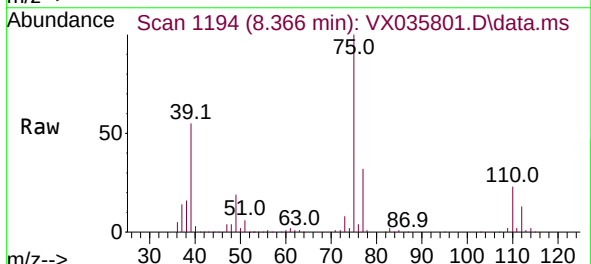
APPROVED

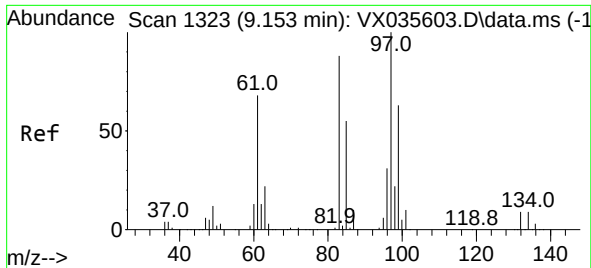
Reviewed By :John Carlone 05/23/2023
 Supervised By :Mahesh Dadoda 05/23/2023



#54
 cis-1,3-Dichloropropene
 Concen: 48.020 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX035801.D
 Acq: 22 May 2023 21:38

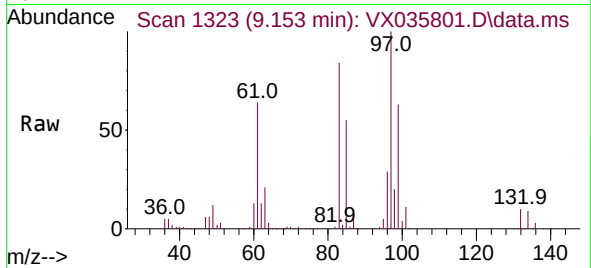
Tgt Ion: 75 Resp: 192421
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.0 37.4
 39 55.2 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 50.869 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38

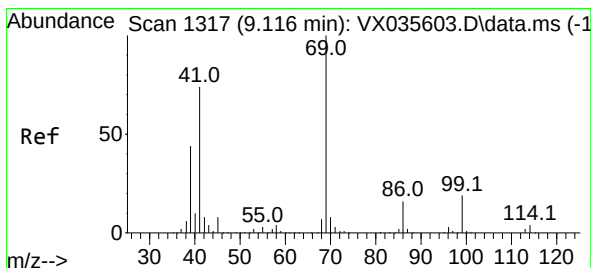
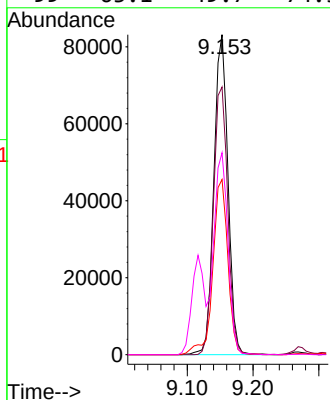
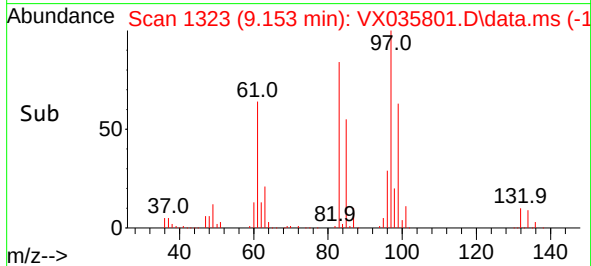
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



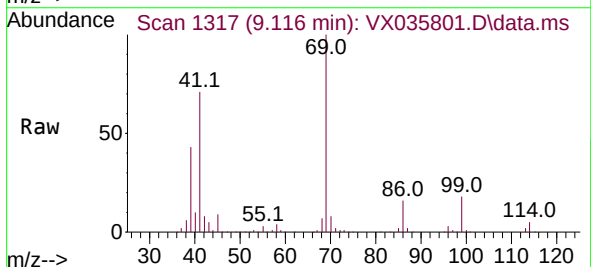
Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.7	69.7	104.5
85	54.8	43.7	65.5
99	63.1	49.7	74.5

Manual Integrations
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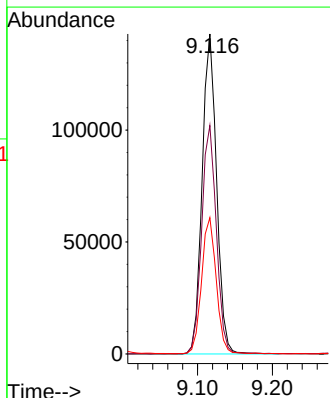
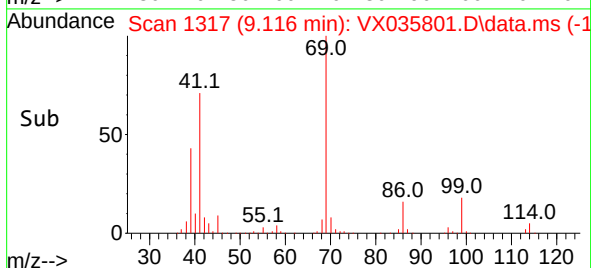
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

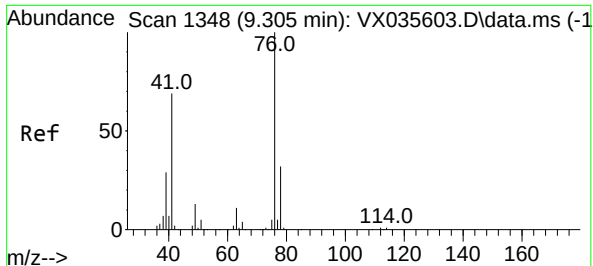


#56
Ethyl methacrylate
Concen: 48.658 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38



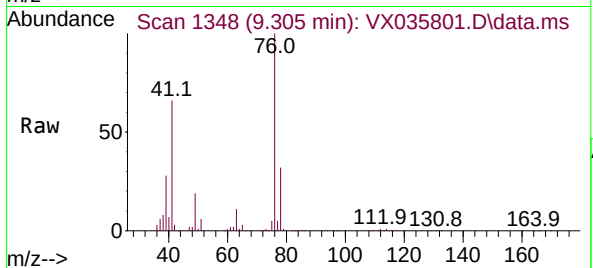
Tgt Ion	Ratio	Lower	Upper
69	100		
41	72.3	57.4	86.0
39	42.9	33.7	50.5





#57
1,3-Dichloropropane
Concen: 48.848 ug/l
RT: 9.305 min Scan# 1114
Delta R.T. 0.000 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38

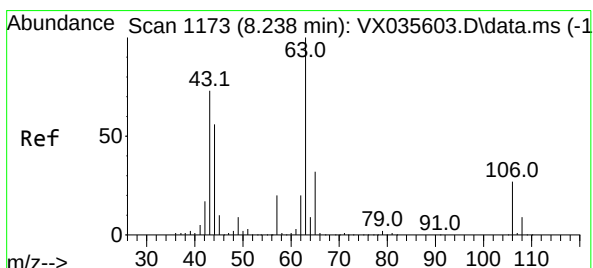
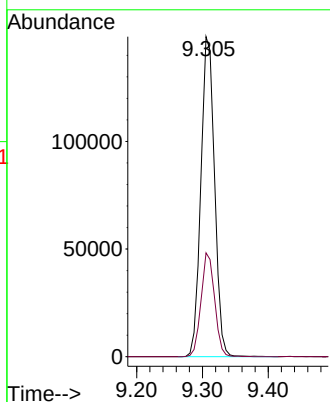
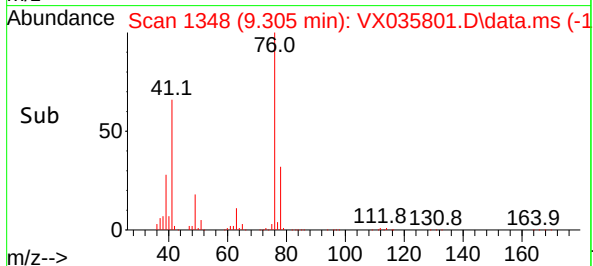
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



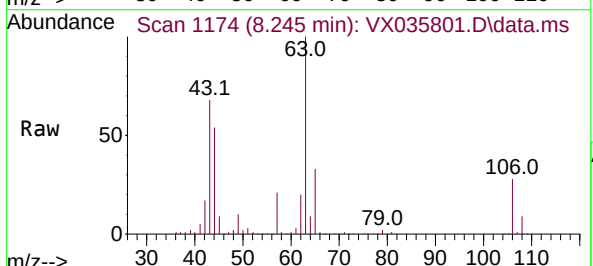
Tgt Ion: 76 Resp: 215689
Ion Ratio Lower Upper
76 100
78 32.1 25.8 38.8

Manual Integrations
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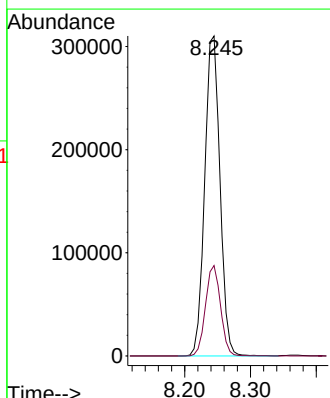
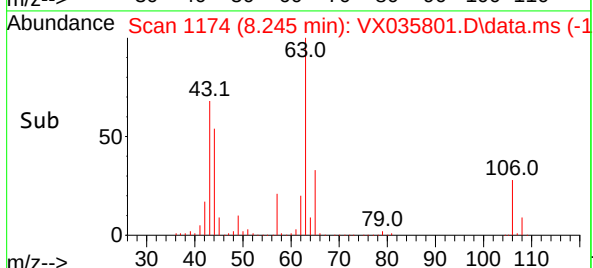
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

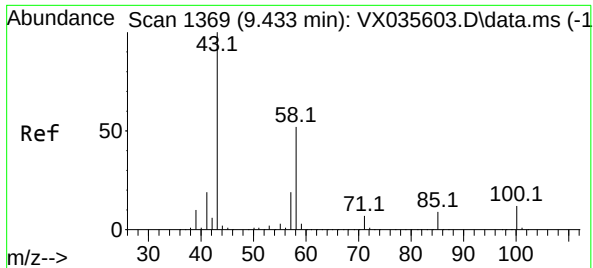


#58
2-Chloroethyl Vinyl ether
Concen: 249.504 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. 0.007 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38



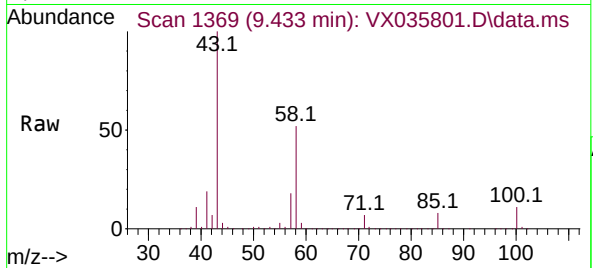
Tgt Ion: 63 Resp: 500654
Ion Ratio Lower Upper
63 100
106 27.8 22.2 33.2





#59
2-Hexanone
Concen: 242.075 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38

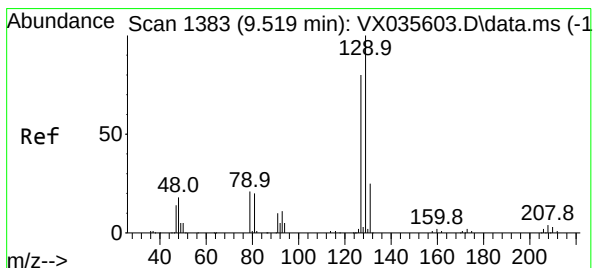
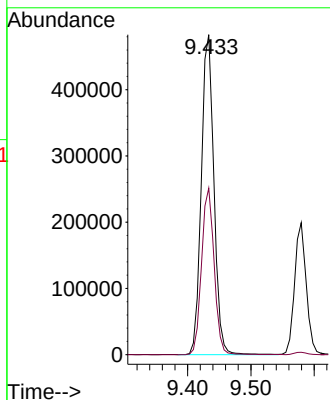
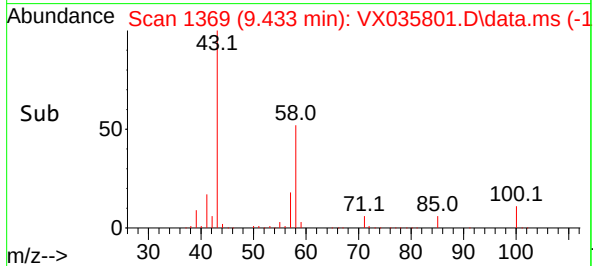
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 670838
Ion Ratio Lower Upper
43 100
58 52.0 26.3 78.9

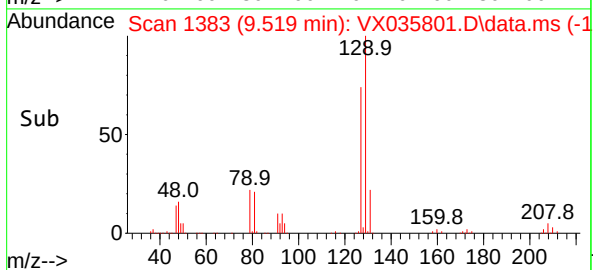
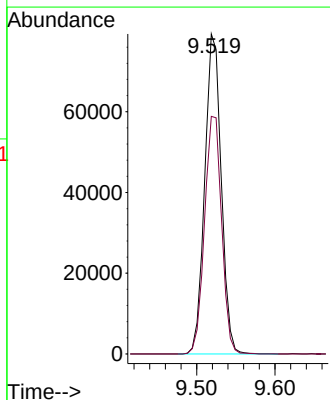
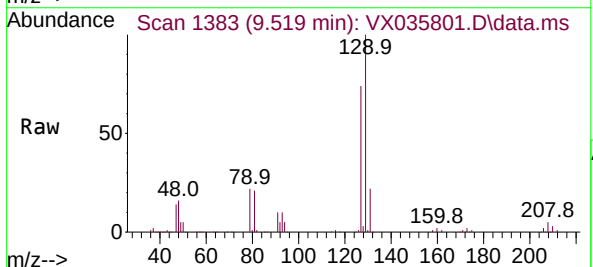
Manual Integrations
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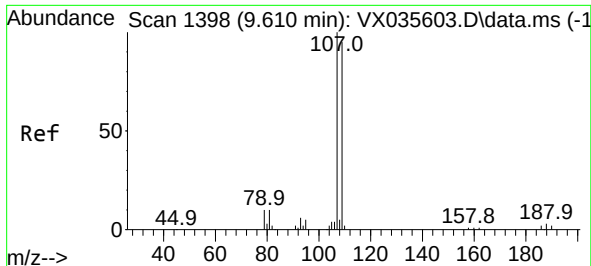
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#60
Dibromochloromethane
Concen: 49.801 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38

Tgt Ion:129 Resp: 115626
Ion Ratio Lower Upper
129 100
127 76.9 39.0 117.0





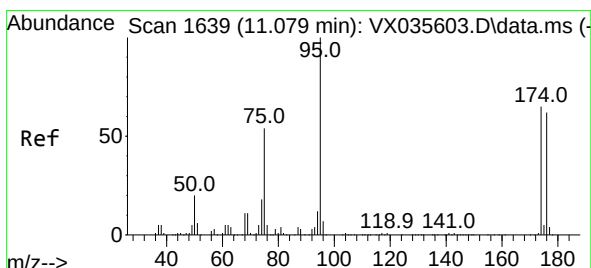
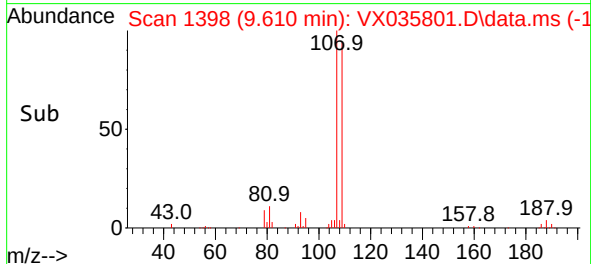
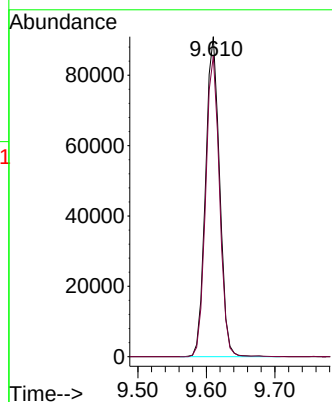
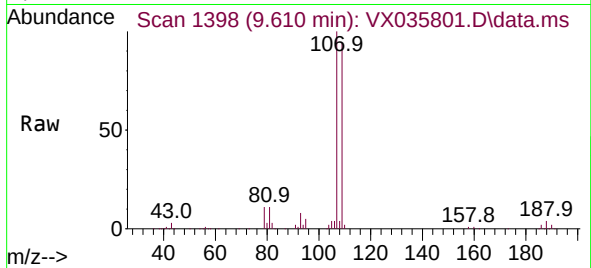
#61
1,2-Dibromoethane
Concen: 50.635 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 12994
Ion Ratio Lower Upper
107 100
109 92.6 75.3 112.9

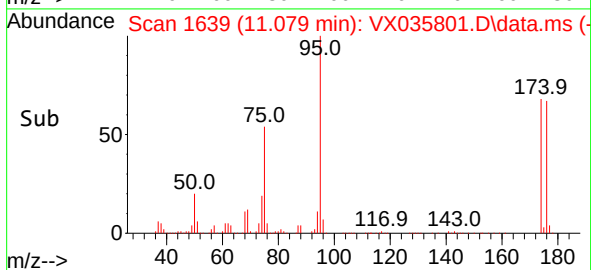
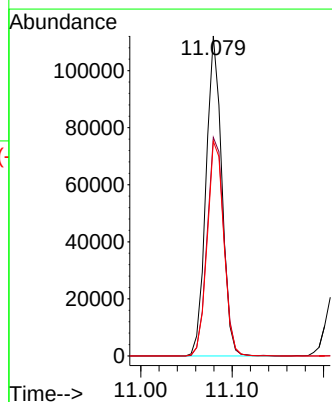
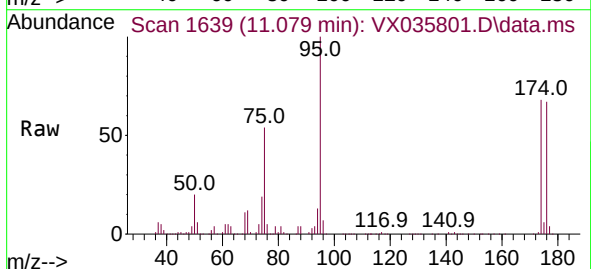
Manual Integrations
APPROVED

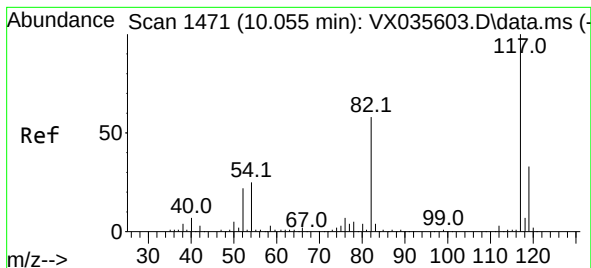
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#62
4-Bromofluorobenzene
Concen: 40.649 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38

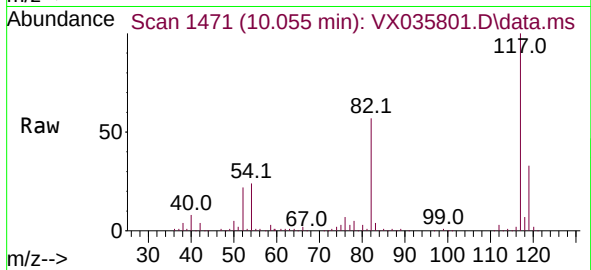
Tgt Ion: 95 Resp: 134519
Ion Ratio Lower Upper
95 100
174 72.8 0.0 147.4
176 70.6 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38

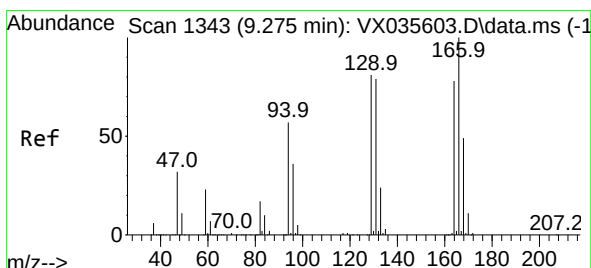
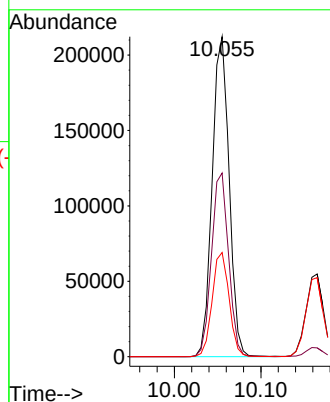
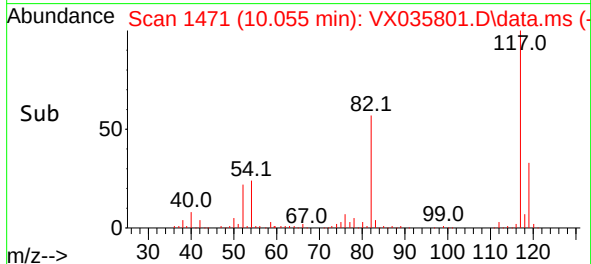
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 288132
Ion Ratio Lower Upper
117 100
82 57.4 45.0 67.4
119 32.6 26.0 39.0

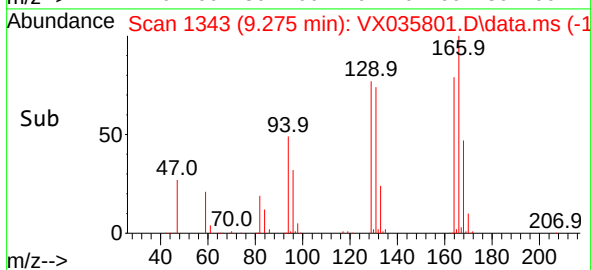
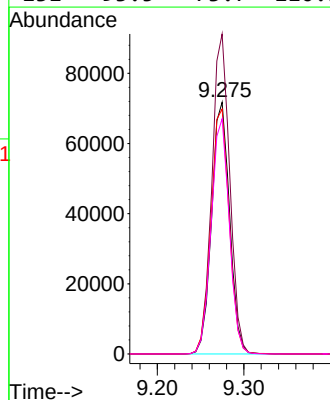
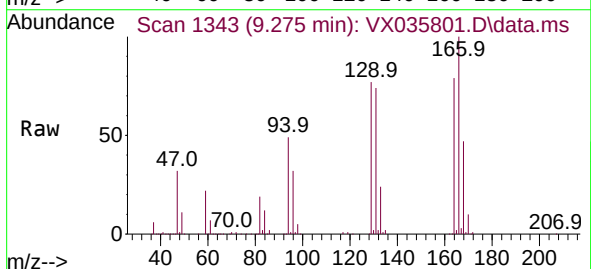
Manual Integrations
APPROVED

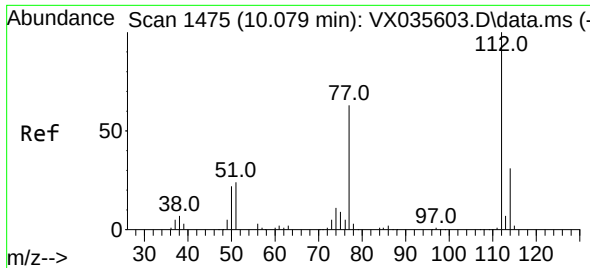
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#64
Tetrachloroethene
Concen: 53.189 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38

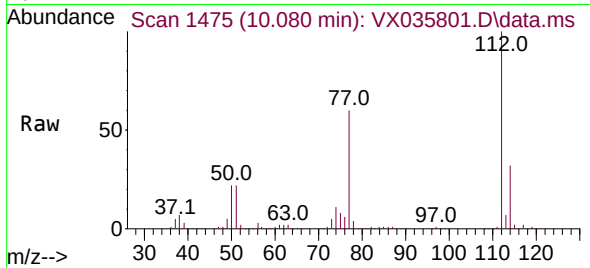
Tgt Ion:164 Resp: 103177
Ion Ratio Lower Upper
164 100
166 127.2 102.7 154.1
129 97.4 75.6 113.4
131 93.5 73.7 110.5





#65
Chlorobenzene
Concen: 50.514 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38

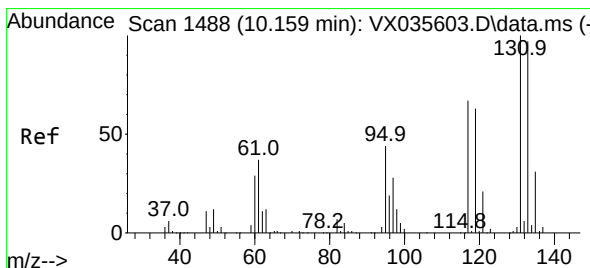
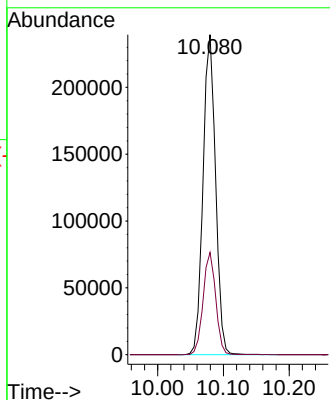
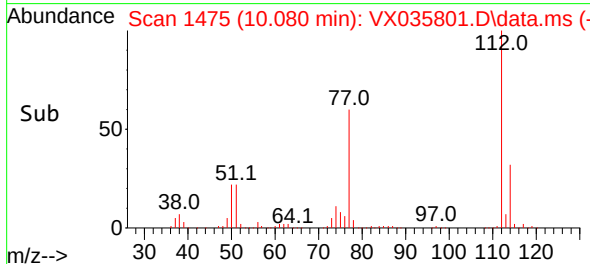
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



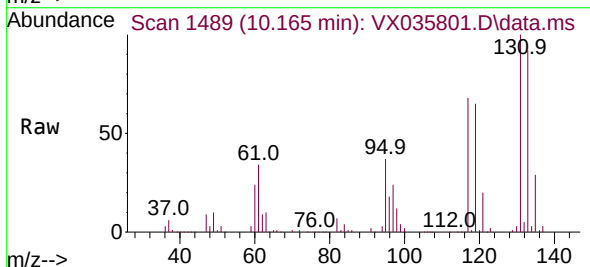
Tgt Ion:112 Resp: 317710
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.2

Manual Integrations
APPROVED

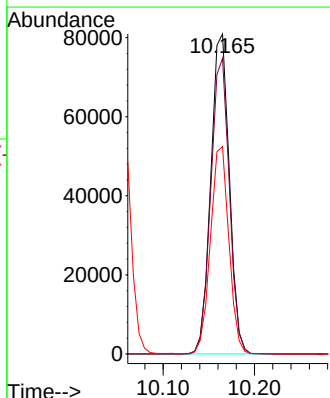
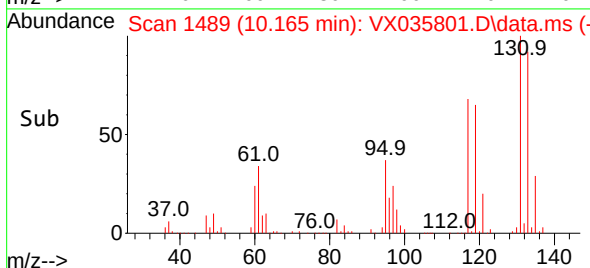
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

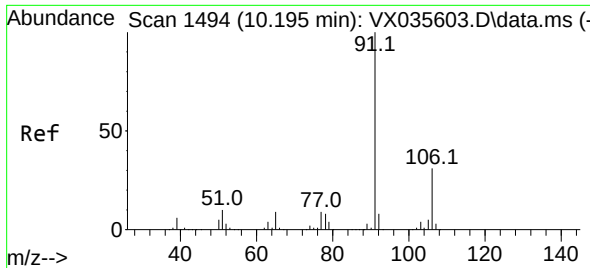


#66
1,1,1,2-Tetrachloroethane
Concen: 51.137 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38



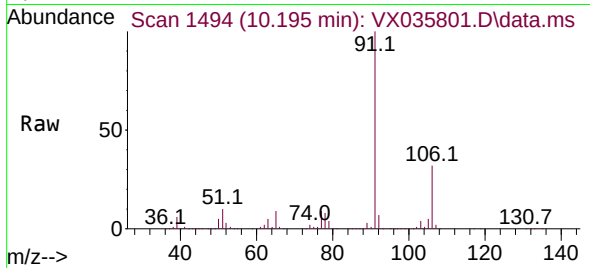
Tgt Ion:131 Resp: 113726
Ion Ratio Lower Upper
131 100
133 92.4 47.1 141.4
119 64.8 32.6 98.0





#67
Ethyl Benzene
Concen: 49.647 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38

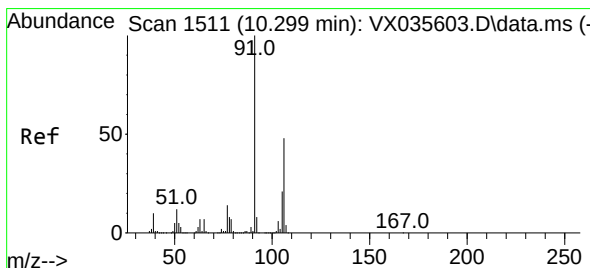
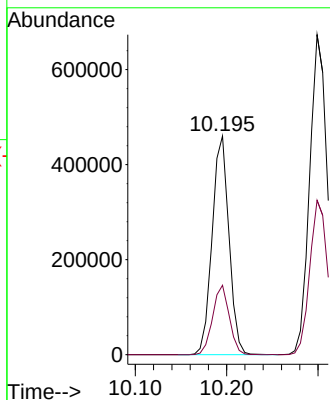
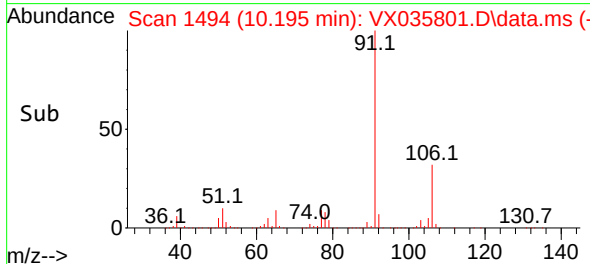
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



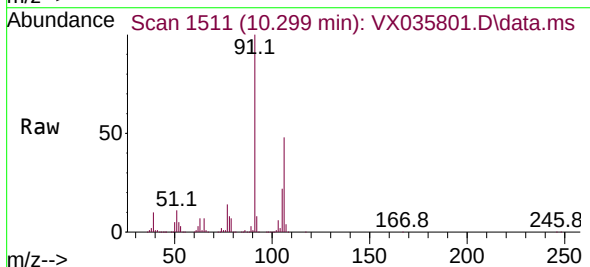
Tgt Ion: 91 Resp: 58727
Ion Ratio Lower Upper
91 100
106 31.7 25.6 38.4

Manual Integrations
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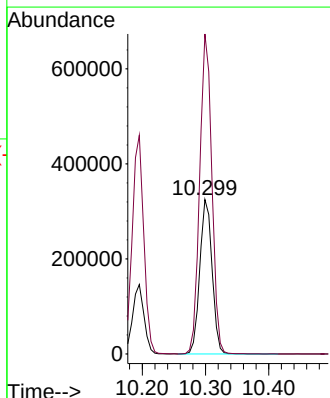
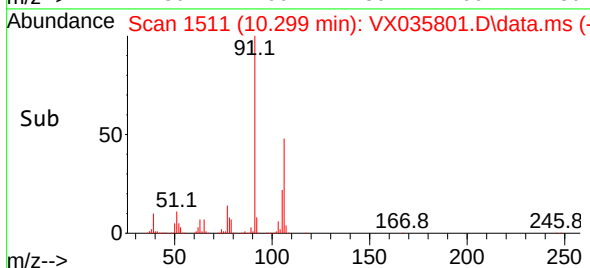
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

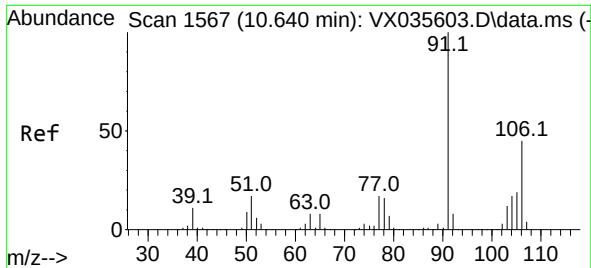


#68
m/p-Xylenes
Concen: 100.680 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38



Tgt Ion:106 Resp: 440216
Ion Ratio Lower Upper
106 100
91 205.1 164.0 246.0





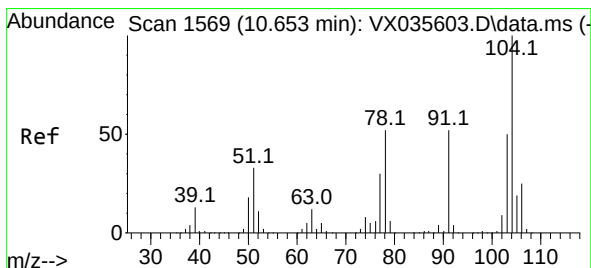
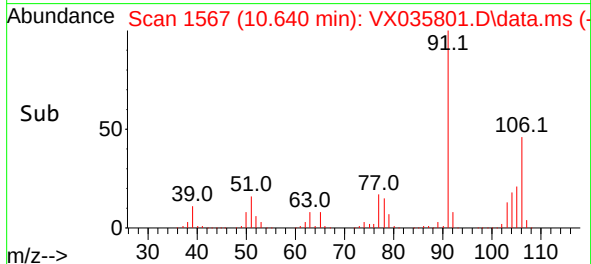
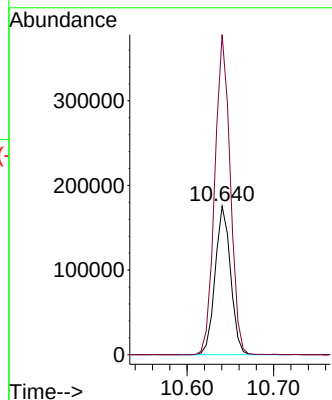
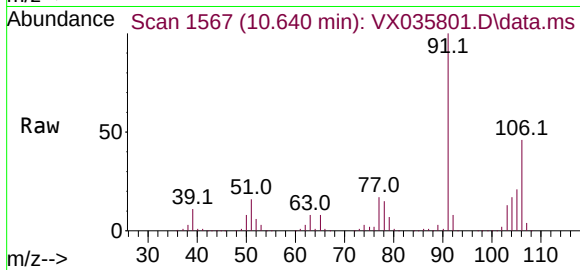
#69
o-Xylene
Concen: 50.068 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 217235
Ion Ratio Lower Upper
106 100
91 216.2 108.5 325.3

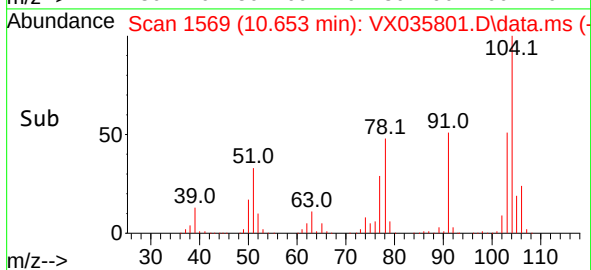
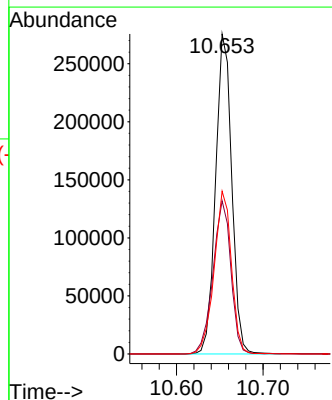
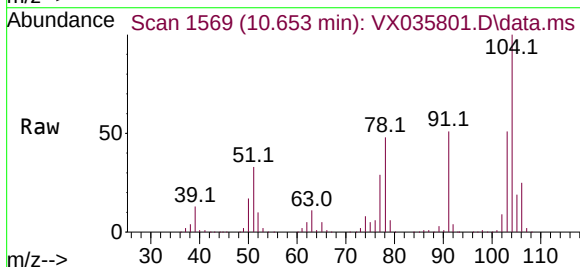
Manual Integrations
APPROVED

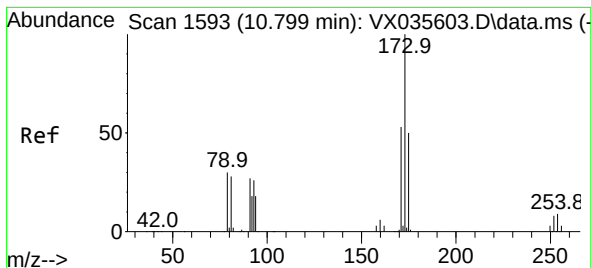
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#70
Styrene
Concen: 51.060 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38

Tgt Ion:104 Resp: 357046
Ion Ratio Lower Upper
104 100
78 53.2 43.4 65.2
103 54.6 44.2 66.2





#71

Bromoform

Concen: 48.161 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX035801.D

Acq: 22 May 2023 21:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

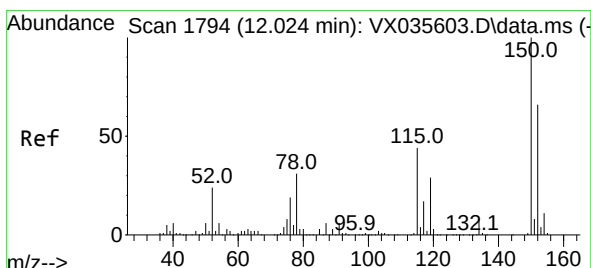
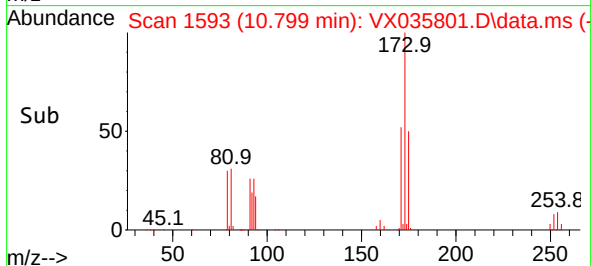
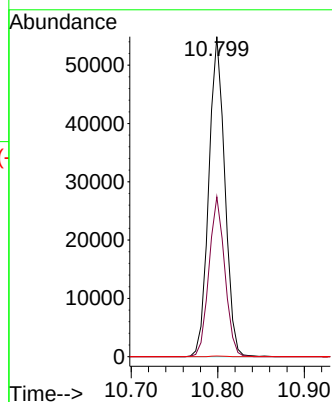
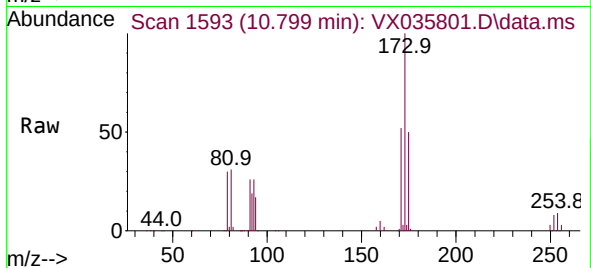
Tgt Ion:	173	Resp:	7047
Ion Ratio	Lower	Upper	
173	100		
175	49.3	24.1	72.4
254	0.2	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

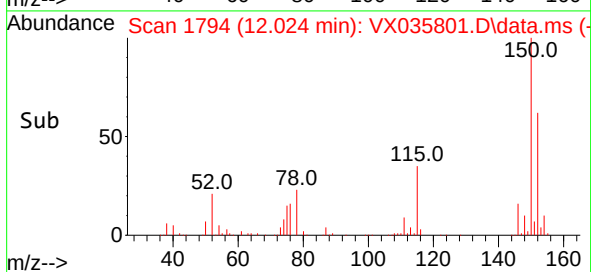
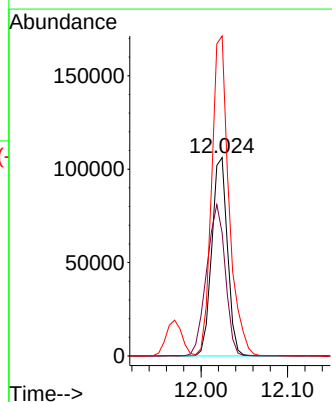
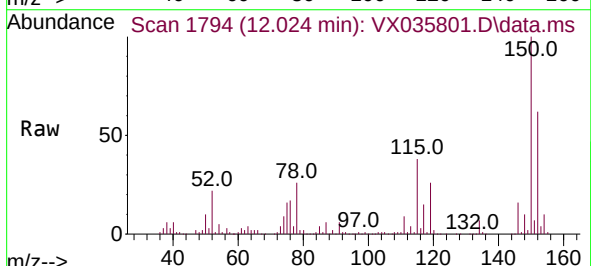
RT: 12.024 min Scan# 1794

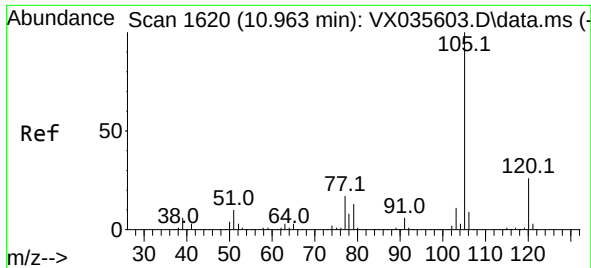
Delta R.T. 0.000 min

Lab File: VX035801.D

Acq: 22 May 2023 21:38

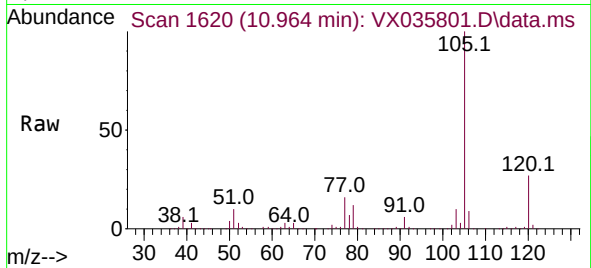
Tgt Ion:	152	Resp:	133577
Ion Ratio	Lower	Upper	
152	100		
115	90.9	45.0	135.0
150	177.2	0.0	352.4





#73
Isopropylbenzene
Concen: 51.235 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38

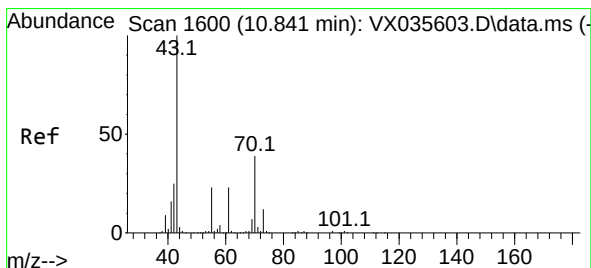
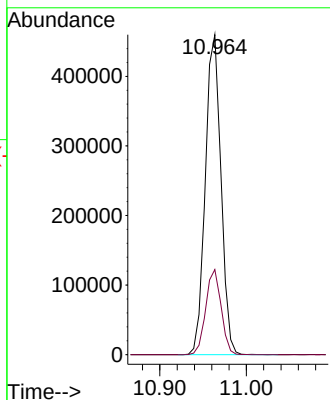
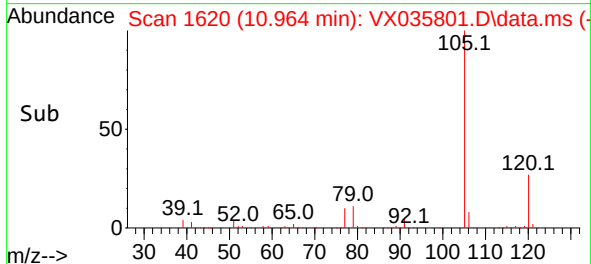
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



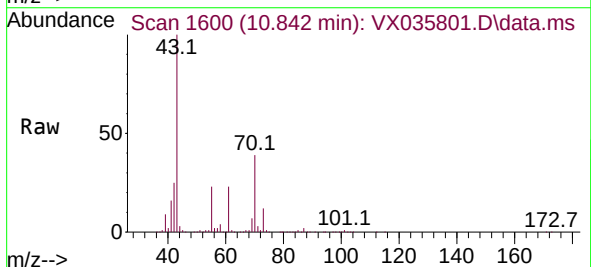
Tgt Ion:105 Resp: 576700
Ion Ratio Lower Upper
105 100
120 26.1 13.3 39.9

Manual Integrations
APPROVED

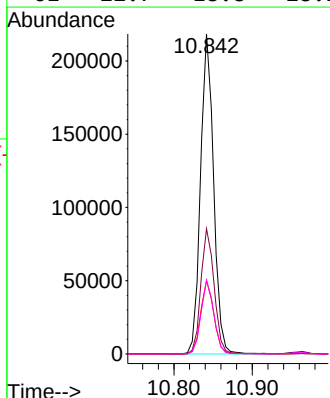
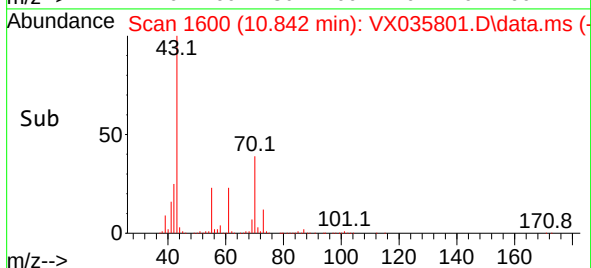
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

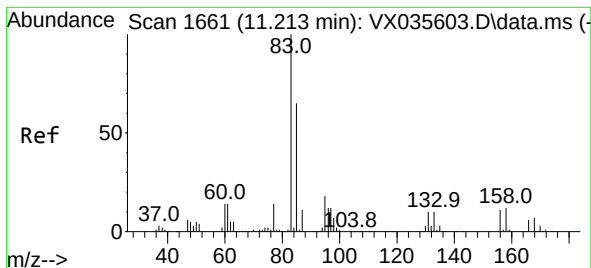


#74
N-ethyl acetate
Concen: 48.252 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.001 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38



Tgt Ion: 43 Resp: 253234
Ion Ratio Lower Upper
43 100
70 39.7 32.1 48.1
55 23.2 18.3 27.5
61 22.7 18.8 28.2





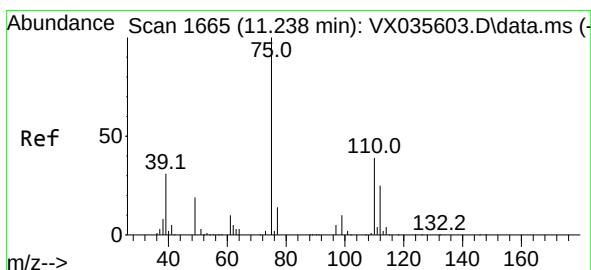
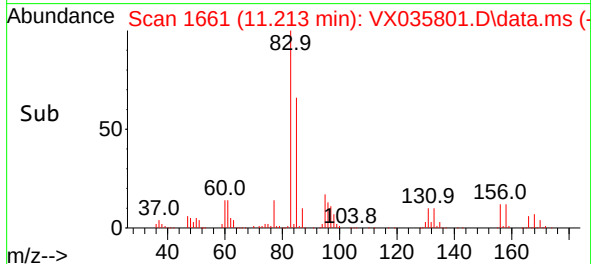
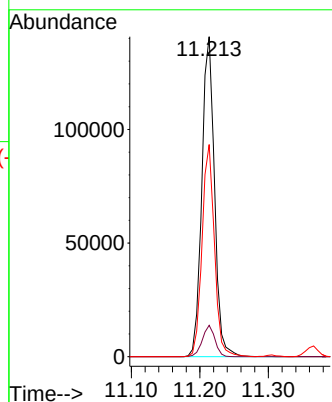
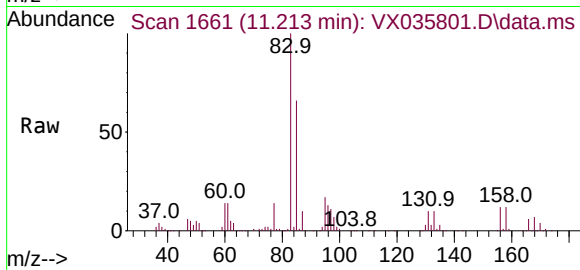
#75
1,1,2,2-Tetrachloroethane
Concen: 49.594 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 181084
Ion Ratio Lower Upper
83 100
131 9.8 4.8 14.3
85 65.0 32.0 96.0

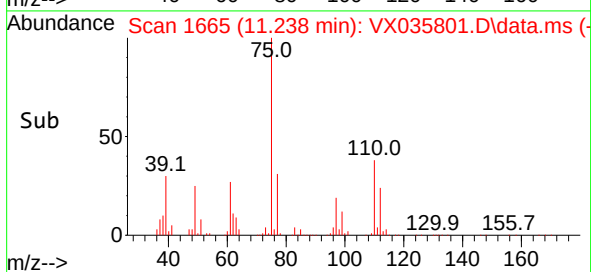
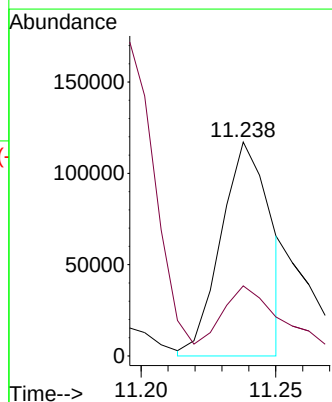
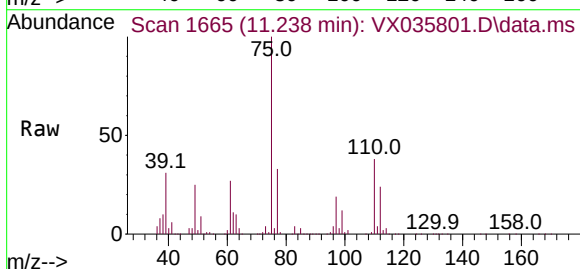
Manual Integrations
APPROVED

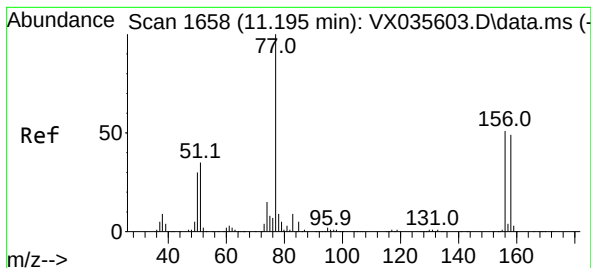
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#76
1,2,3-Trichloropropane
Concen: 45.785 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38

Tgt Ion: 75 Resp: 149594
Ion Ratio Lower Upper
75 100
77 41.8 21.6 64.8





#77

Bromobenzene

Concen: 51.188 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX035801.D

Acq: 22 May 2023 21:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 130774

Ion Ratio Lower Upper

156 100

77 171.2 86.7 259.9

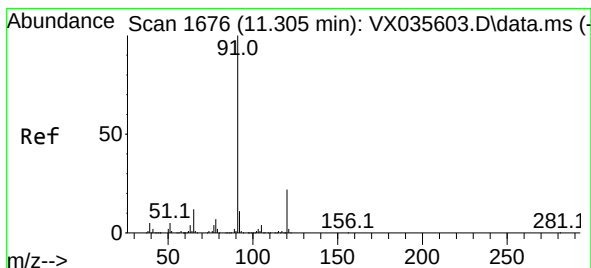
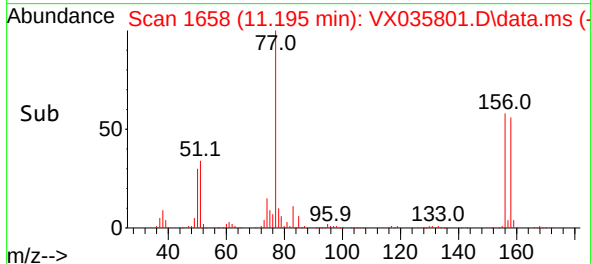
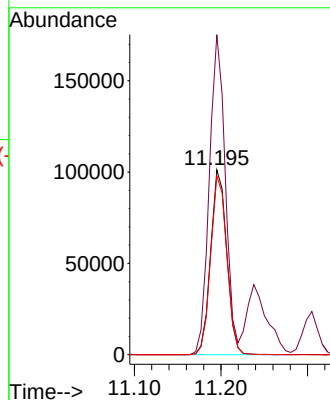
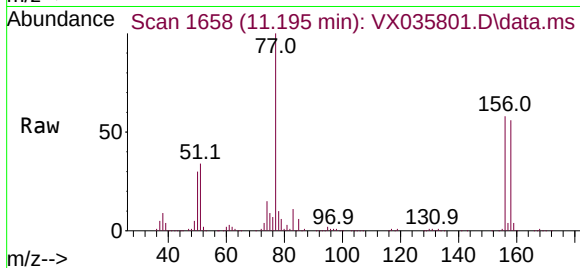
158 96.7 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#78

n-propylbenzene

Concen: 50.984 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX035801.D

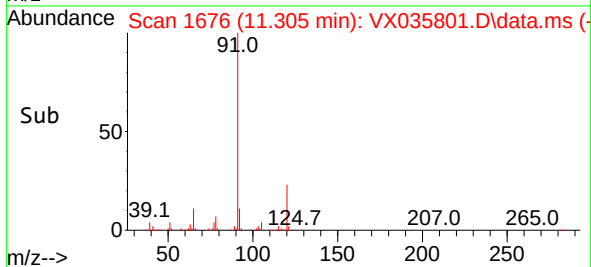
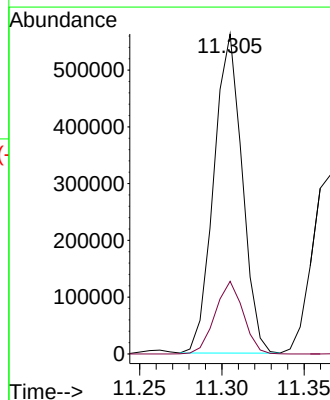
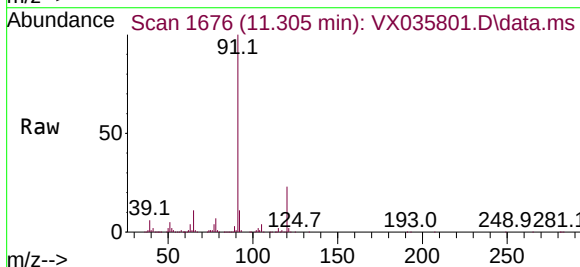
Acq: 22 May 2023 21:38

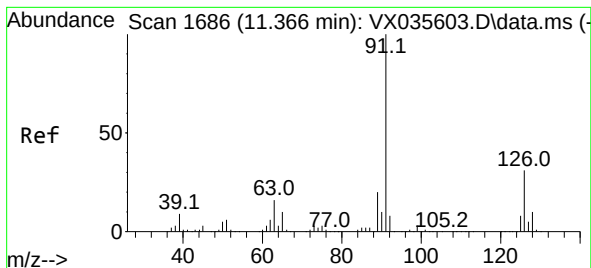
Tgt Ion: 91 Resp: 674589

Ion Ratio Lower Upper

91 100

120 22.6 11.5 34.5





#79

2-Chlorotoluene

Concen: 47.704 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX035801.D

Acq: 22 May 2023 21:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 39518

Ion Ratio Lower Upper

91 100

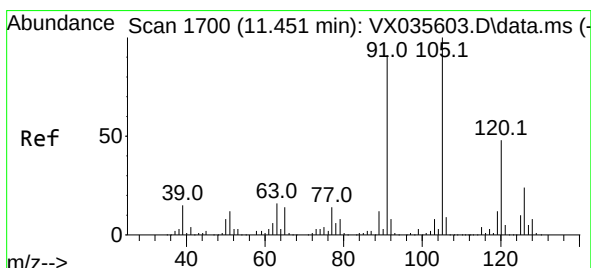
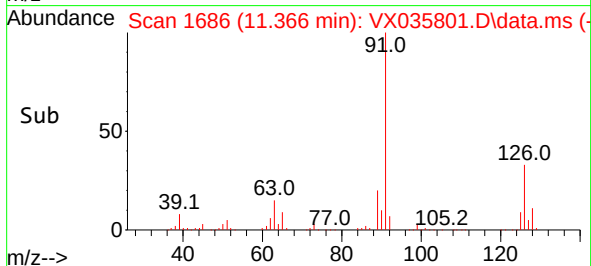
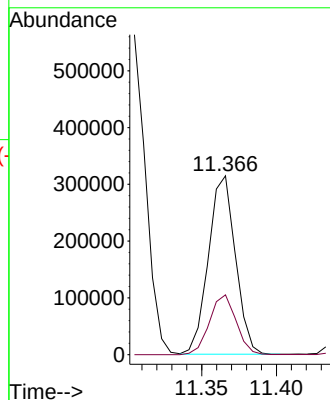
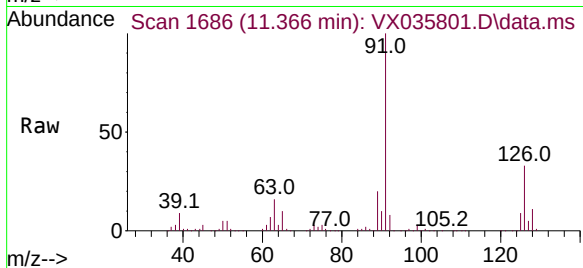
126 33.1 16.3 48.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#80

1,3,5-Trimethylbenzene

Concen: 48.963 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX035801.D

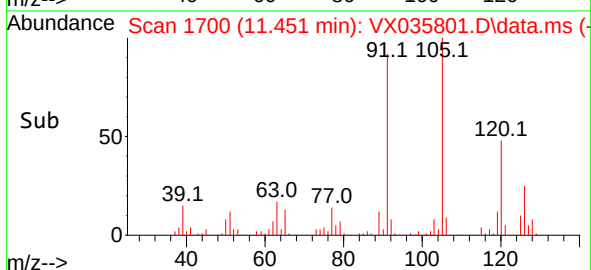
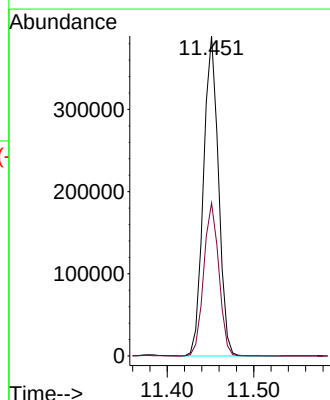
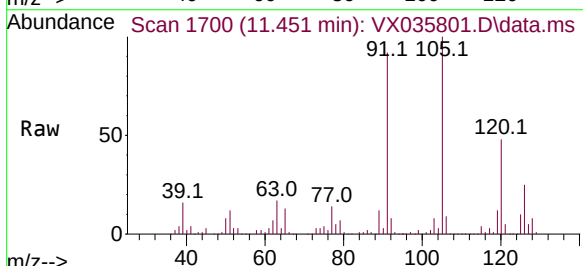
Acq: 22 May 2023 21:38

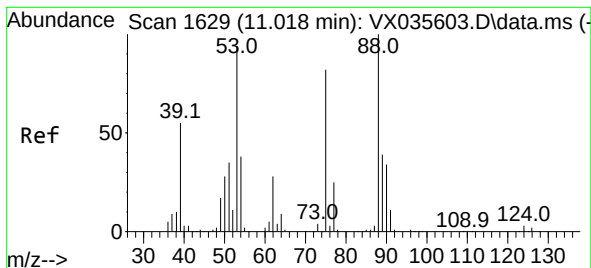
Tgt Ion:105 Resp: 468413

Ion Ratio Lower Upper

105 100

120 48.2 23.7 71.1





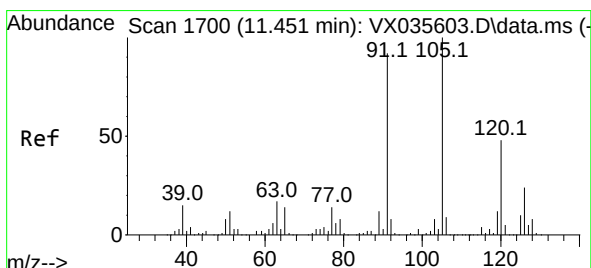
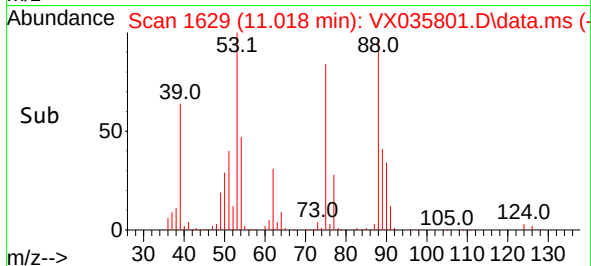
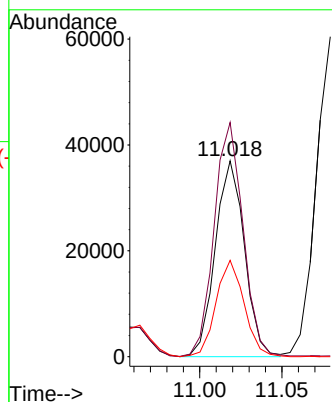
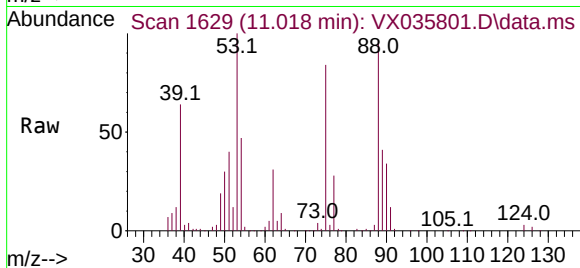
#81
trans-1,4-Dichloro-2-butene
Concen: 45.026 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 4564
Ion Ratio Lower Upper
75 100
53 119.3 82.6 124.0
89 47.3 36.9 55.3

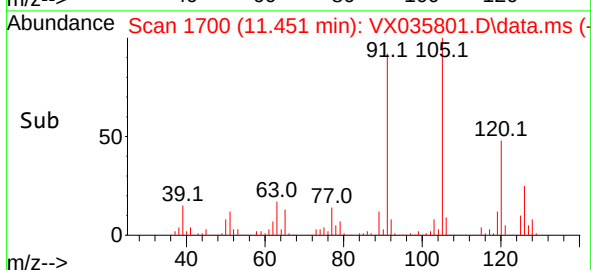
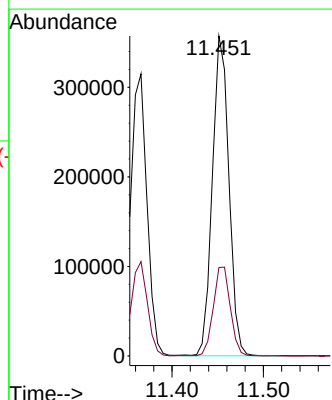
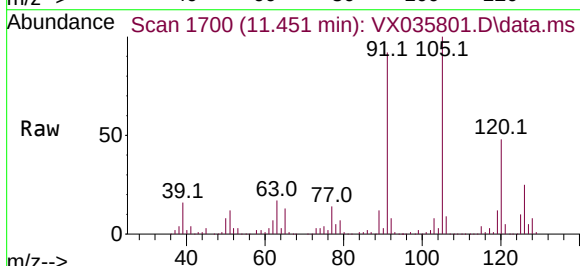
Manual Integrations
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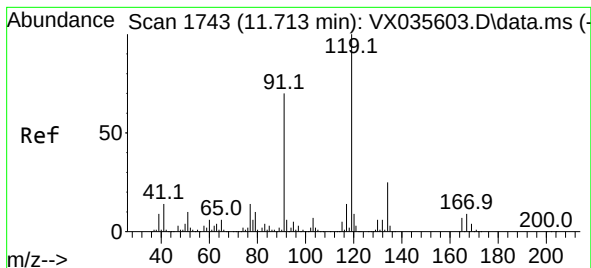
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#82
4-Chlorotoluene
Concen: 46.974 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38

Tgt Ion: 91 Resp: 448149
Ion Ratio Lower Upper
91 100
126 28.6 14.2 42.6





#83

tert-Butylbenzene

Concen: 49.268 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX035801.D

Acq: 22 May 2023 21:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 458150

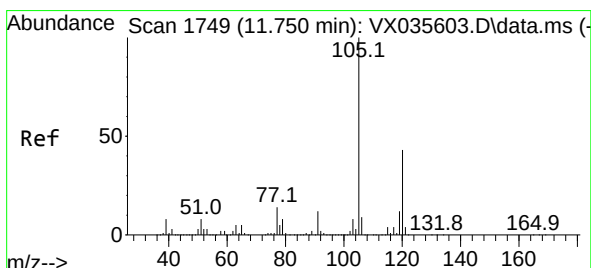
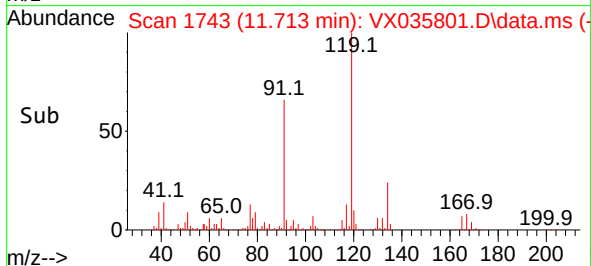
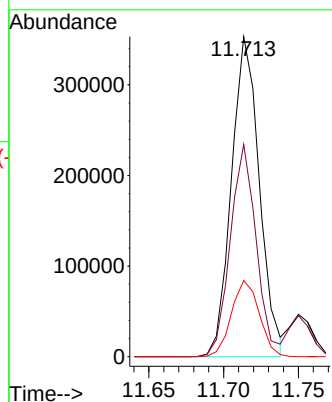
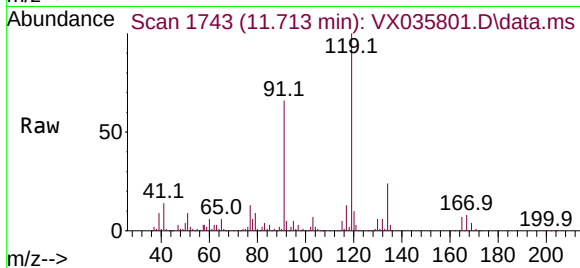
Ion	Ratio	Lower	Upper
119	100		
91	61.9	30.6	92.0
134	23.8	11.8	35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#84

1,2,4-Trimethylbenzene

Concen: 49.183 ug/l

RT: 11.750 min Scan# 1749

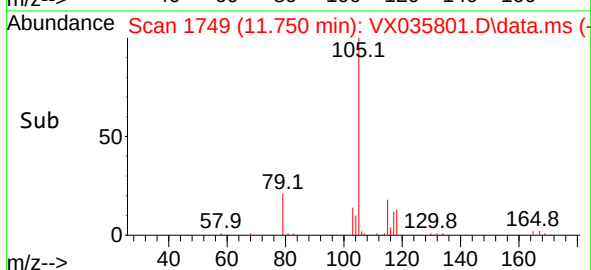
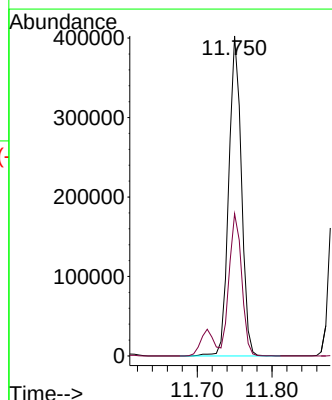
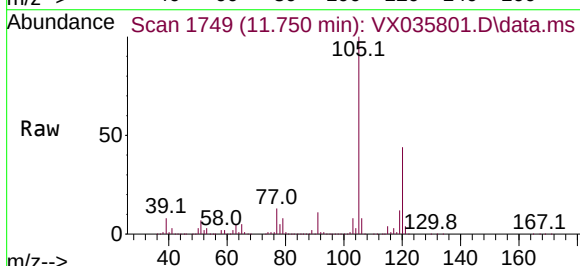
Delta R.T. -0.000 min

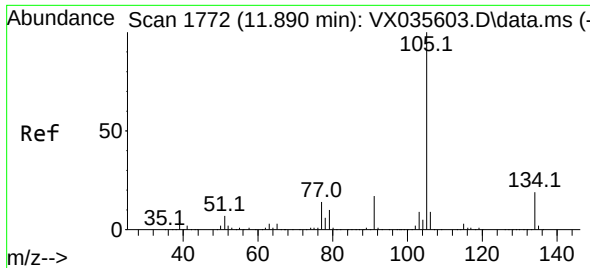
Lab File: VX035801.D

Acq: 22 May 2023 21:38

Tgt Ion:105 Resp: 472441

Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.4	67.0





#85
 sec-Butylbenzene
 Concen: 50.218 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035801.D
 Acq: 22 May 2023 21:38

Instrument :

MSVOA_X

ClientSampleId :

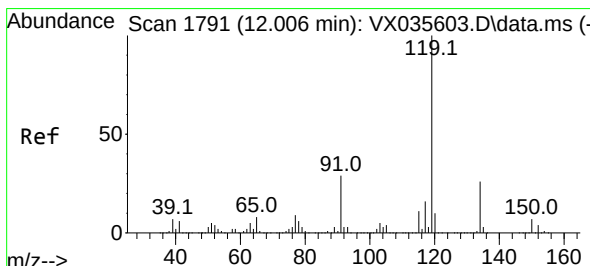
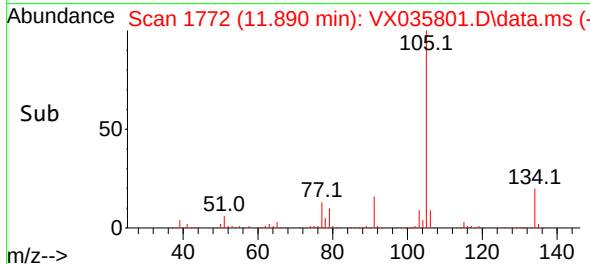
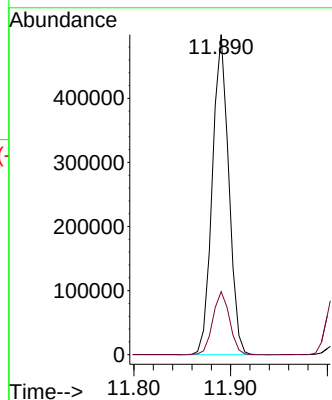
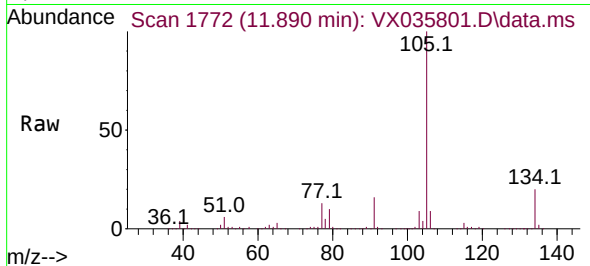
VSTDCCC050EC

Tgt Ion:105 Resp: 586340
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.4

Manual Integrations

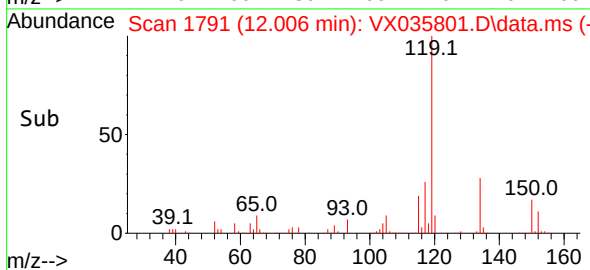
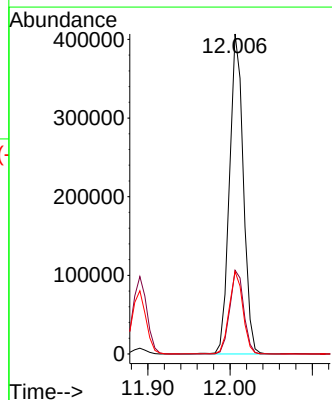
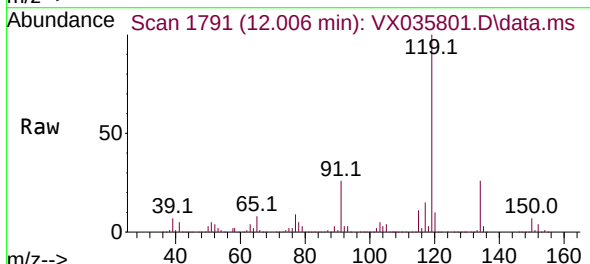
APPROVED

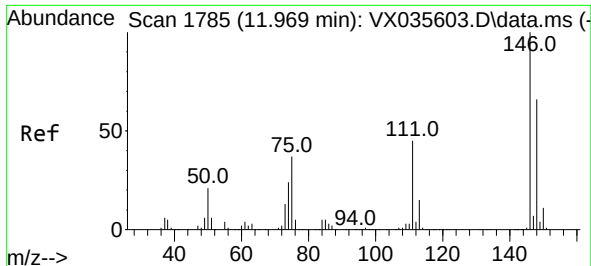
Reviewed By :John Carlone 05/23/2023
 Supervised By :Mahesh Dadoda 05/23/2023



#86
 p-Isopropyltoluene
 Concen: 49.855 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX035801.D
 Acq: 22 May 2023 21:38

Tgt Ion:119 Resp: 478555
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.2 39.5
 91 25.4 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 49.943 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035801.D

Acq: 22 May 2023 21:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

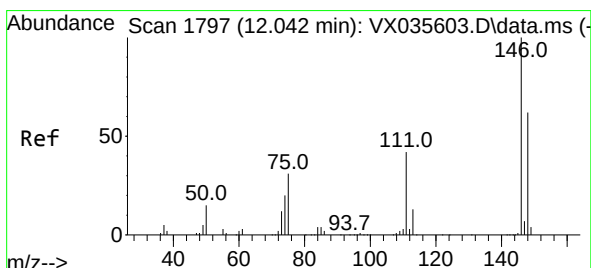
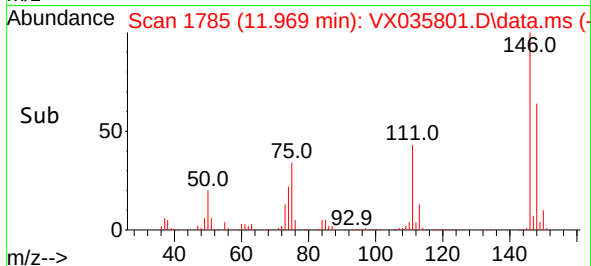
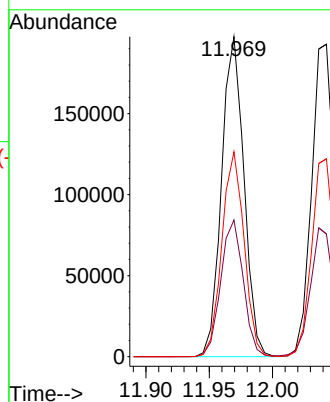
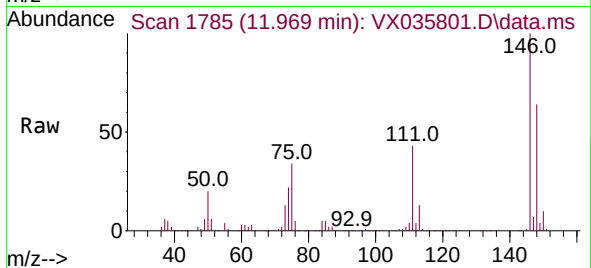
Tgt Ion:146 Resp: 242384
 Ion Ratio Lower Upper
 146 100
 111 43.0 20.9 62.8
 148 63.6 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#88

1,4-Dichlorobenzene

Concen: 49.982 ug/l

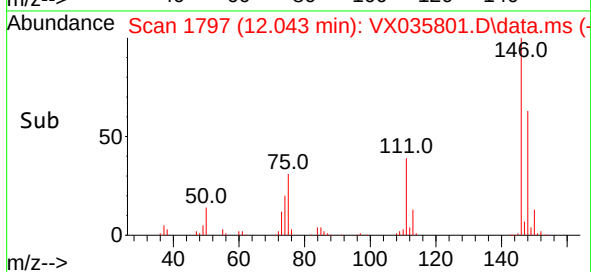
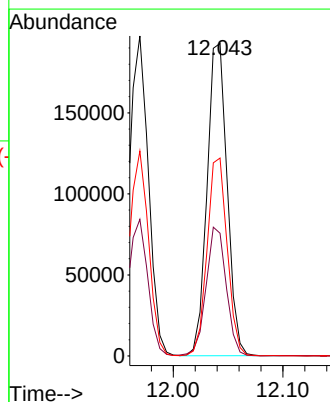
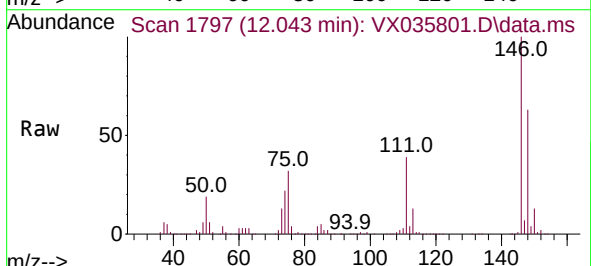
RT: 12.043 min Scan# 1797

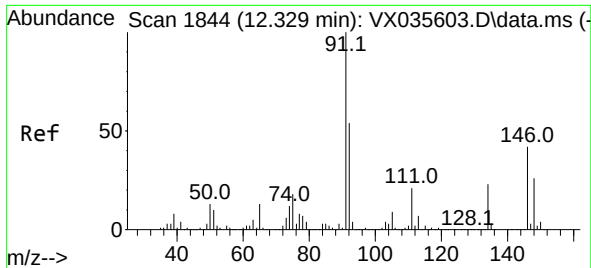
Delta R.T. 0.001 min

Lab File: VX035801.D

Acq: 22 May 2023 21:38

Tgt Ion:146 Resp: 244950
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.6 61.9
 148 63.7 31.8 95.4





#89

n-Butylbenzene

Concen: 49.092 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX035801.D

Acq: 22 May 2023 21:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 42866

Ion Ratio Lower Upper

91 100

92 53.4 27.7 83.0

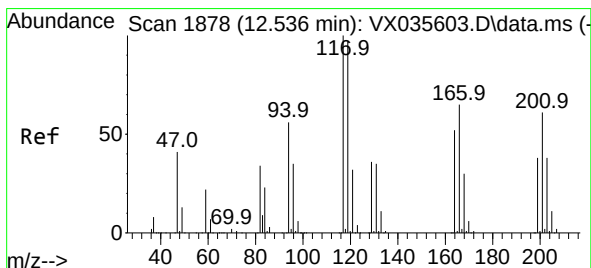
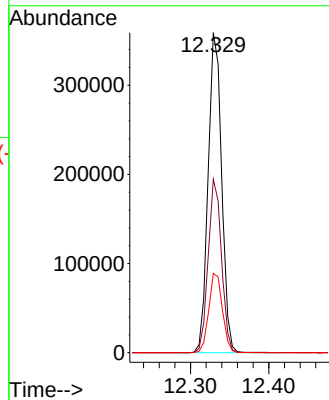
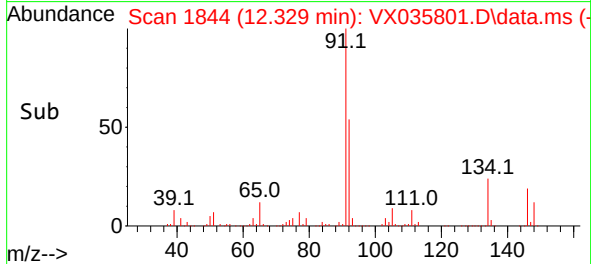
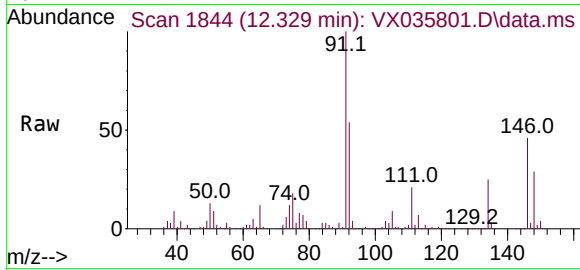
134 25.0 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#90

Hexachloroethane

Concen: 49.678 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX035801.D

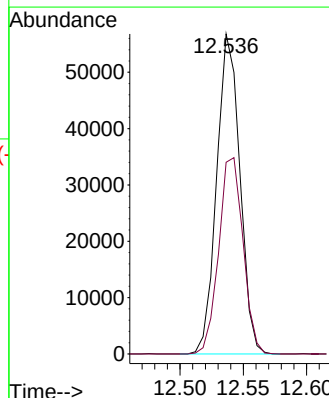
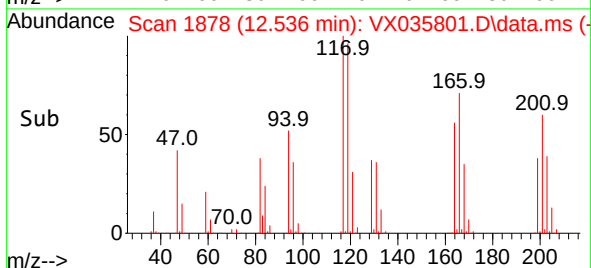
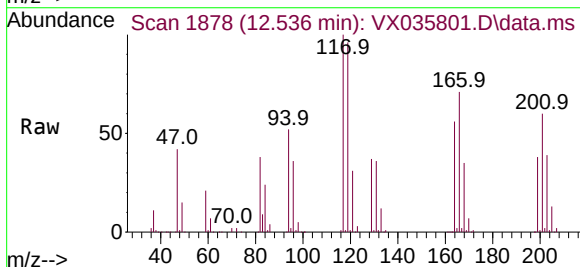
Acq: 22 May 2023 21:38

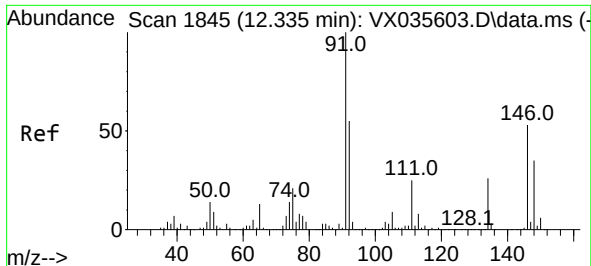
Tgt Ion:117 Resp: 72276

Ion Ratio Lower Upper

117 100

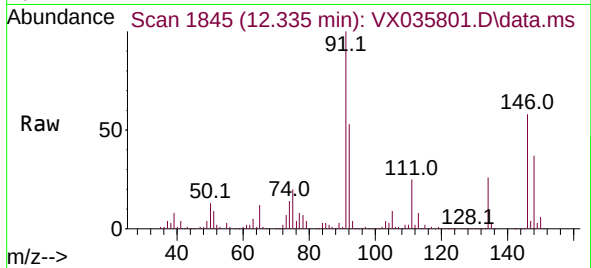
201 64.4 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 49.313 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38

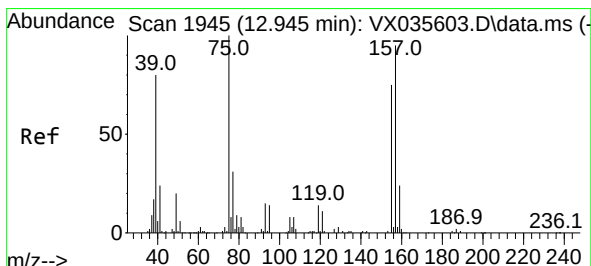
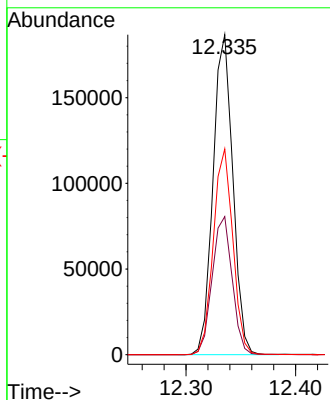
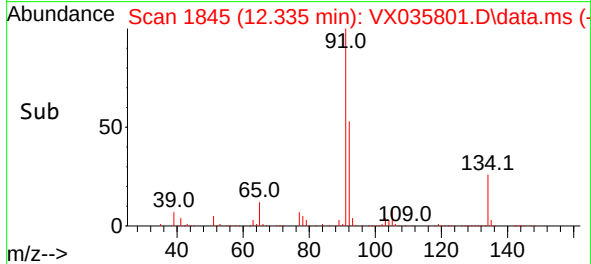
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



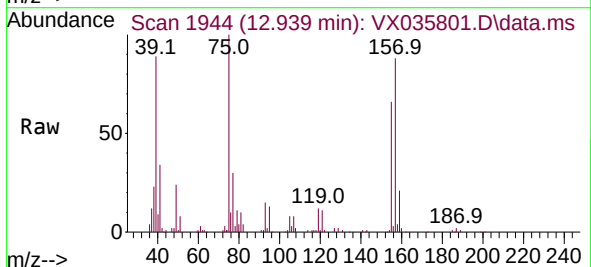
Tgt Ion:146 Resp: 23436
Ion Ratio Lower Upper
146 100
111 43.7 22.0 66.0
148 63.6 32.0 96.0

Manual Integrations
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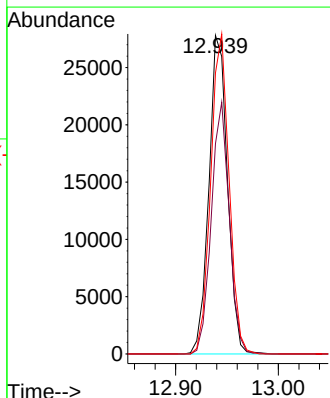
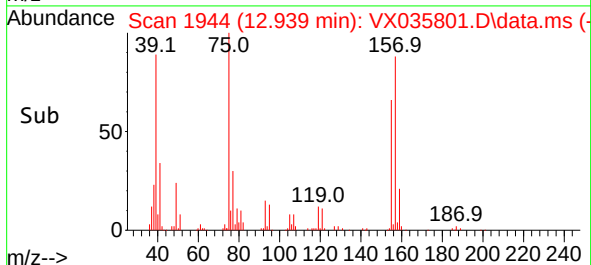
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

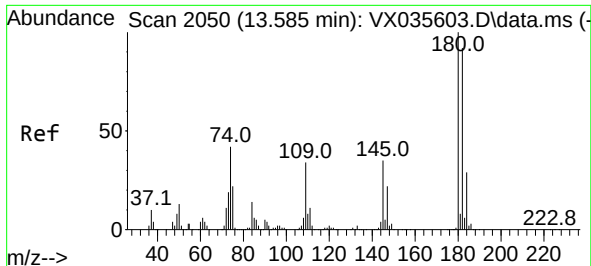


#92
1,2-Dibromo-3-Chloropropane
Concen: 42.911 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38



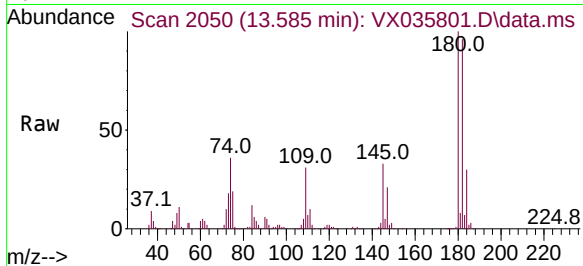
Tgt Ion: 75 Resp: 34890
Ion Ratio Lower Upper
75 100
155 76.3 38.4 115.1
157 99.0 49.9 149.7





#93
1,2,4-Trichlorobenzene
Concen: 49.805 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38

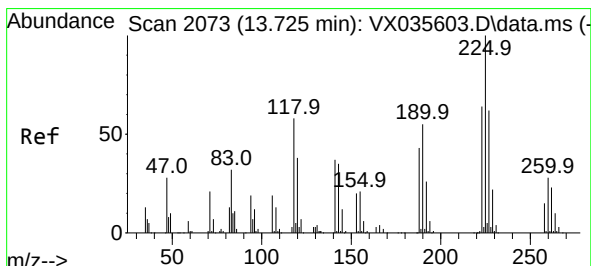
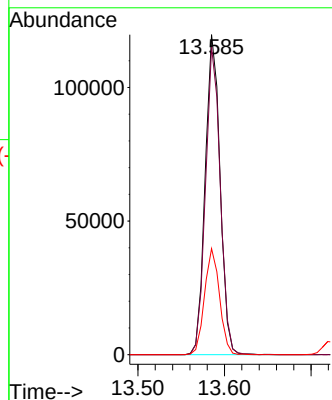
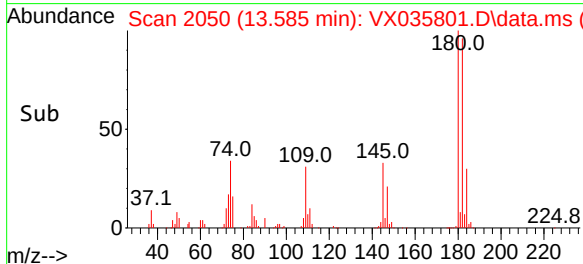
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



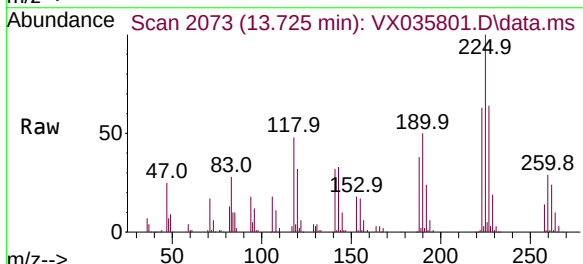
Tgt Ion:180 Resp: 14252
Ion Ratio Lower Upper
180 100
182 95.5 47.0 141.0
145 33.5 15.9 47.7

Manual Integrations
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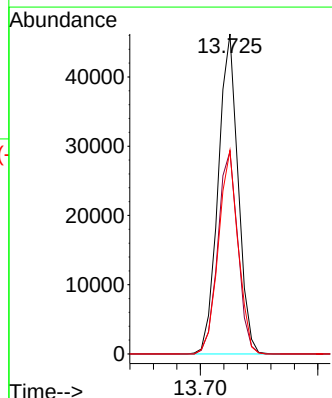
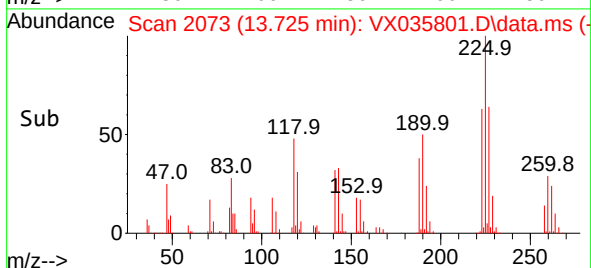
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

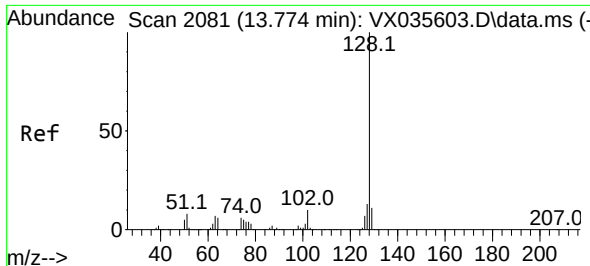


#94
Hexachlorobutadiene
Concen: 47.909 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38



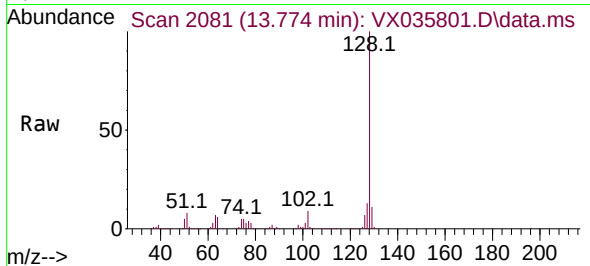
Tgt Ion:225 Resp: 54417
Ion Ratio Lower Upper
225 100
223 63.6 32.1 96.5
227 62.7 31.8 95.4





#95
Naphthalene
Concen: 50.378 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38

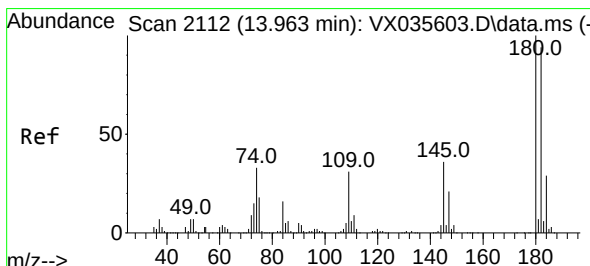
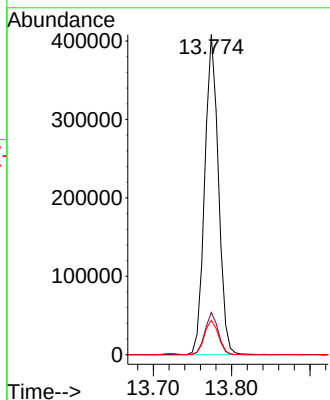
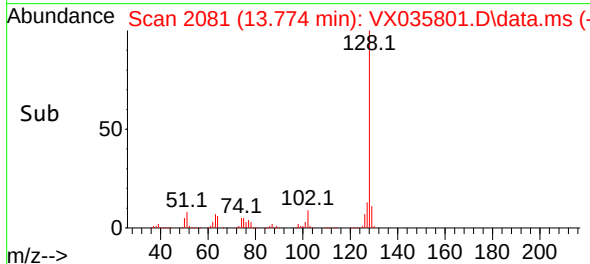
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 493690
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#96
1,2,3-Trichlorobenzene
Concen: 50.412 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX035801.D
Acq: 22 May 2023 21:38

Tgt Ion:180 Resp: 141878
Ion Ratio Lower Upper
180 100
182 95.1 48.0 144.2
145 34.6 17.7 53.1

