

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041323\
 Data File : VX035034.D
 Acq On : 12 Apr 2023 10:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/13/2023
 Supervised By : Mahesh Dadoda 04/13/2023

Quant Time: Apr 13 02:28:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	295249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	485432	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	433337	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	214112	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	195408	43.276	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.560%		
35) Dibromofluoromethane	5.385	113	150330	46.821	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.640%		
50) Toluene-d8	8.647	98	549714	46.385	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.780%		
62) 4-Bromofluorobenzene	11.079	95	218395	47.622	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.240%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	160823	54.613	ug/l	99
3) Chloromethane	1.294	50	177374	48.108	ug/l	98
4) Vinyl Chloride	1.374	62	181633	49.754	ug/l	97
5) Bromomethane	1.617	94	114880	48.427	ug/l	96
6) Chloroethane	1.691	64	108357	45.620	ug/l	99
7) Trichlorofluoromethane	1.886	101	258609	44.064	ug/l	98
8) Diethyl Ether	2.130	74	104346	50.432	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	170412	55.554	ug/l	99
10) Methyl Iodide	2.453	142	190002	49.739	ug/l	93
11) Tert butyl alcohol	3.007	59	178461m	225.260	ug/l	
12) 1,1-Dichloroethene	2.318	96	155870	51.424	ug/l	96
13) Acrolein	2.239	56	245282	300.760	ug/l	100
14) Allyl chloride	2.666	41	311480	52.453	ug/l	99
15) Acrylonitrile	3.068	53	485694	272.358	ug/l	99
16) Acetone	2.398	43	514110	280.274	ug/l	99
17) Carbon Disulfide	2.514	76	363680	47.908	ug/l	99
18) Methyl Acetate	2.703	43	356265	54.664	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	593199	52.859	ug/l	98
20) Methylene Chloride	2.788	84	182620	50.452	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	170732	51.647	ug/l	98
22) Diisopropyl ether	3.757	45	632203	52.764	ug/l	92
23) Vinyl Acetate	3.721	43	2317662	271.222	ug/l	99
24) 1,1-Dichloroethane	3.605	63	339181	52.613	ug/l	99
25) 2-Butanone	4.562	43	711219	266.549	ug/l	98
26) 2,2-Dichloropropane	4.471	77	279529	52.726	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	204570	52.226	ug/l	99
28) Bromochloromethane	4.897	49	152750	48.437	ug/l	98
29) Tetrahydrofuran	5.007	42	439896	263.168	ug/l	98
30) Chloroform	5.092	83	344362	52.591	ug/l	99
31) Cyclohexane	5.464	56	289763	52.701	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	301103	53.887	ug/l	99
36) 1,1-Dichloropropene	5.690	75	253179	53.225	ug/l	99
37) Ethyl Acetate	4.708	43	267728	53.827	ug/l	99
38) Carbon Tetrachloride	5.672	117	257562	57.431	ug/l	99
39) Methylcyclohexane	7.379	83	281481	55.725	ug/l	97
40) Benzene	6.037	78	732355	53.633	ug/l	99

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Quant Time: Apr 13 02:28:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	151620m	56.053	ug/l	
42) 1,2-Dichloroethane	6.086	62	283400	52.204	ug/l	99
43) Isopropyl Acetate	6.336	43	455661	54.758	ug/l	99
44) Trichloroethene	7.123	130	192753	55.299	ug/l	99
45) 1,2-Dichloropropane	7.427	63	194770	54.737	ug/l	100
46) Dibromomethane	7.580	93	130257	53.204	ug/l	99
47) Bromodichloromethane	7.818	83	262587	58.065	ug/l	96
48) Methyl methacrylate	7.689	41	224119	54.843	ug/l	98
49) 1,4-Dioxane	7.726	88	80025	950.225	ug/l #	78
51) 4-Methyl-2-Pentanone	8.573	43	1353422	274.816	ug/l	100
52) Toluene	8.714	92	470233	52.816	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	287913	59.181	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	314486	59.070	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	189611	56.270	ug/l	99
56) Ethyl methacrylate	9.116	69	302510	57.298	ug/l	98
57) 1,3-Dichloropropane	9.305	76	327967	54.958	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	724585	269.540	ug/l	98
59) 2-Hexanone	9.427	43	1036903	278.368	ug/l	99
60) Dibromochloromethane	9.518	129	194076	60.461	ug/l	99
61) 1,2-Dibromoethane	9.610	107	194201	55.423	ug/l	99
64) Tetrachloroethene	9.275	164	163768	52.809	ug/l	99
65) Chlorobenzene	10.079	112	496215	55.037	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	185304	59.770	ug/l	99
67) Ethyl Benzene	10.195	91	903488	55.316	ug/l	100
68) m/p-Xylenes	10.299	106	696366	111.613	ug/l	99
69) o-Xylene	10.640	106	340693	55.741	ug/l	100
70) Styrene	10.652	104	567482	58.162	ug/l	99
71) Bromoform	10.799	173	133340	63.236	ug/l #	100
73) Isopropylbenzene	10.963	105	884894	56.421	ug/l	100
74) N-amyl acetate	10.841	43	394709	55.974	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	280772	54.621	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	200320m	46.433	ug/l	
77) Bromobenzene	11.195	156	209255	53.846	ug/l	99
78) n-propylbenzene	11.305	91	1018588	56.220	ug/l	100
79) 2-Chlorotoluene	11.366	91	626362	54.755	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	741104	56.515	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	81395	56.542	ug/l	94
82) 4-Chlorotoluene	11.451	91	737033	55.483	ug/l	100
83) tert-Butylbenzene	11.713	119	715210	58.081	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	746186	55.955	ug/l	99
85) sec-Butylbenzene	11.890	105	868762	57.992	ug/l	100
86) p-Isopropyltoluene	12.006	119	746766	59.781	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	404060	57.093	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	401442	54.309	ug/l	99
89) n-Butylbenzene	12.329	91	646898	59.273	ug/l	99
90) Hexachloroethane	12.536	117	121609	62.834	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	399106	56.307	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	62748	58.481	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	242363	60.456	ug/l	99
94) Hexachlorobutadiene	13.725	225	103304	58.588	ug/l	98
95) Naphthalene	13.774	128	821732	57.687	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	235935	58.360	ug/l	100

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

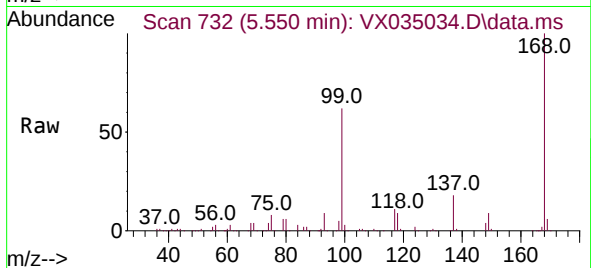
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035034.D
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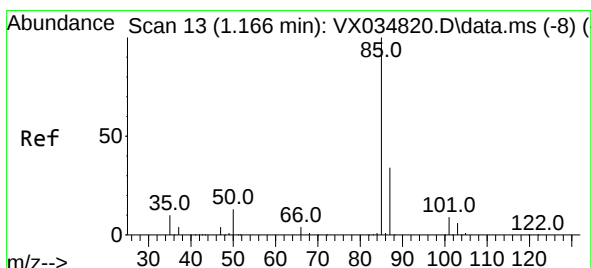
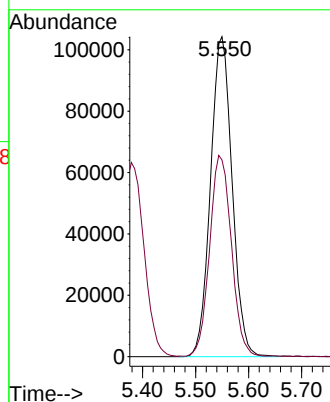
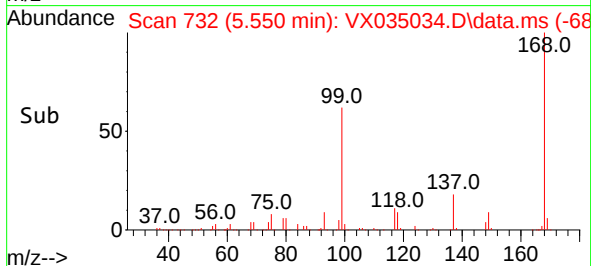
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 295249
Ion Ratio Lower Upper
168 100
99 61.4 45.7 68.5

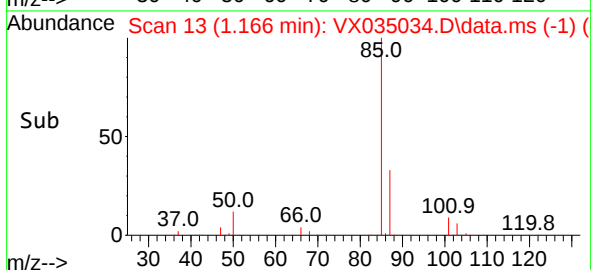
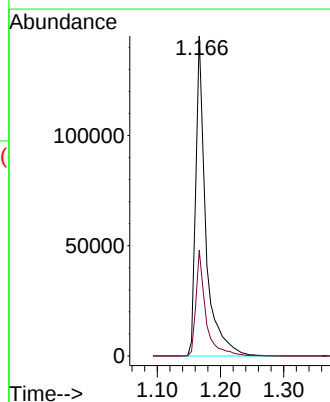
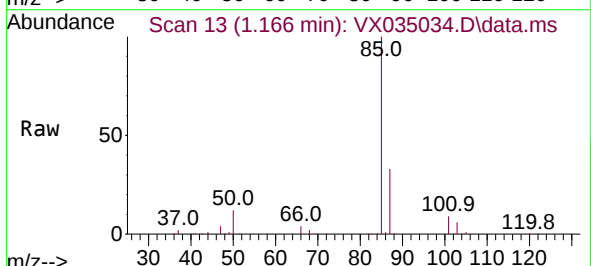
Manual Integrations
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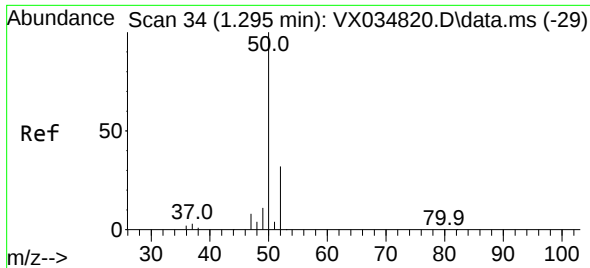
Reviewed By :John Carlone 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#2
Dichlorodifluoromethane
Concen: 54.613 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX035034.D
Acq: 12 Apr 2023 10:11

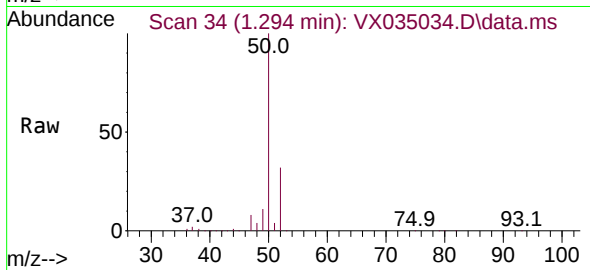
Tgt Ion: 85 Resp: 160823
Ion Ratio Lower Upper
85 100
87 33.0 16.4 49.1





#3
Chloromethane
Concen: 48.108 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX035034.D
Acq: 12 Apr 2023 10:11

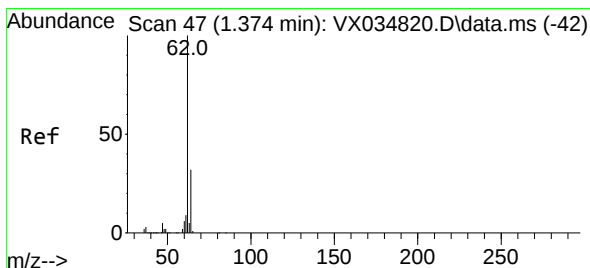
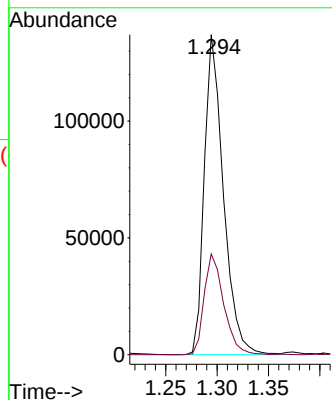
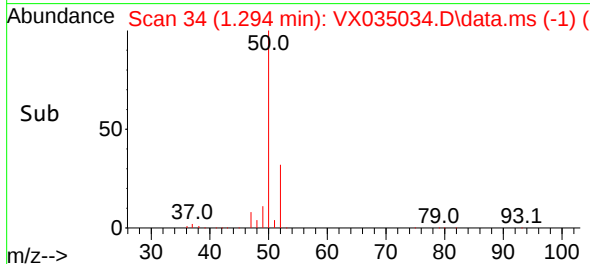
Instrument :
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Tgt Ion: 50 Resp: 177374
Ion Ratio Lower Upper
50 100
52 31.5 25.9 38.9

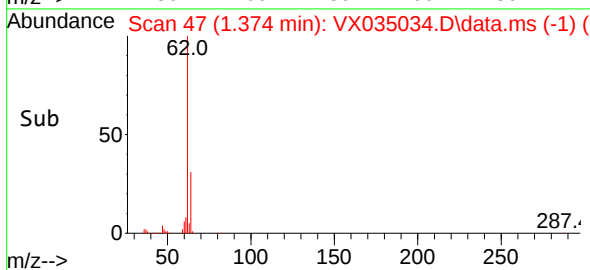
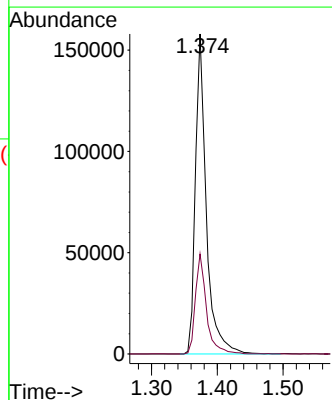
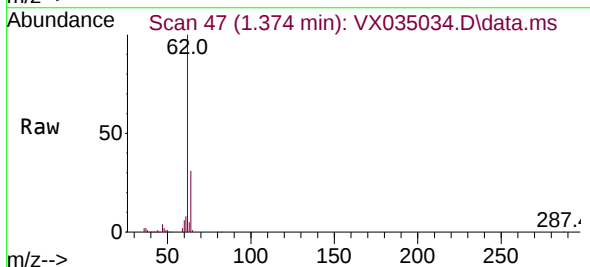
Manual Integrations
APPROVED

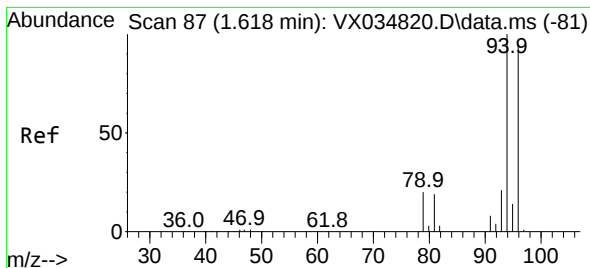
Reviewed By :John Carlone 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#4
Vinyl Chloride
Concen: 49.754 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX035034.D
Acq: 12 Apr 2023 10:11

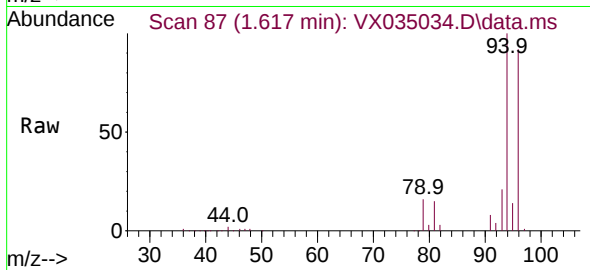
Tgt Ion: 62 Resp: 181633
Ion Ratio Lower Upper
62 100
64 31.3 26.4 39.6





#5
 Bromomethane
 Concen: 48.427 ug/l
 RT: 1.617 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VX035034.D
 Acq: 12 Apr 2023 10:11

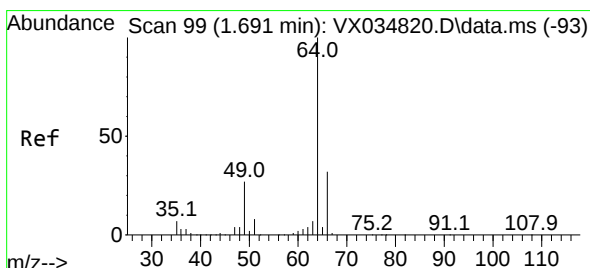
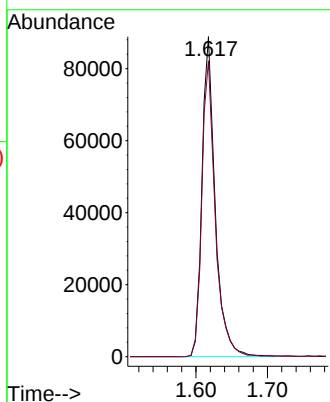
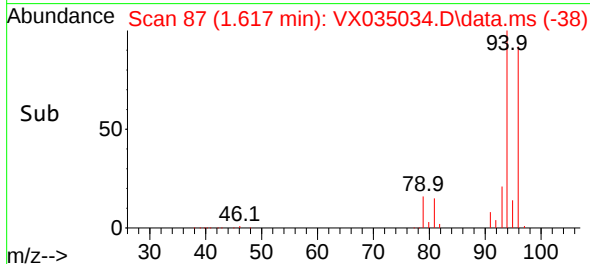
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 94 Resp: 114880
 Ion Ratio Lower Upper
 94 100
 96 92.4 77.0 115.6

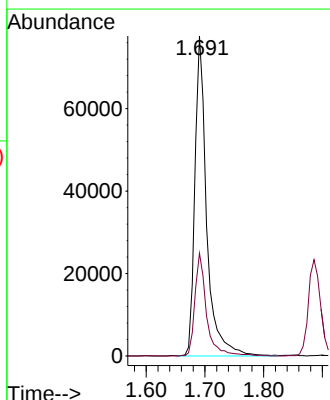
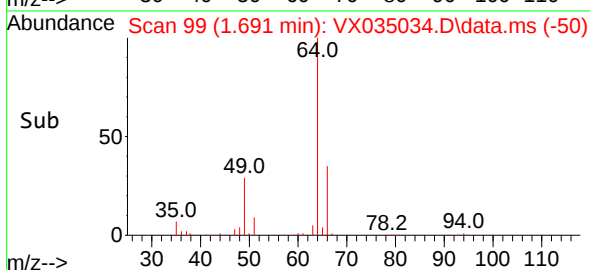
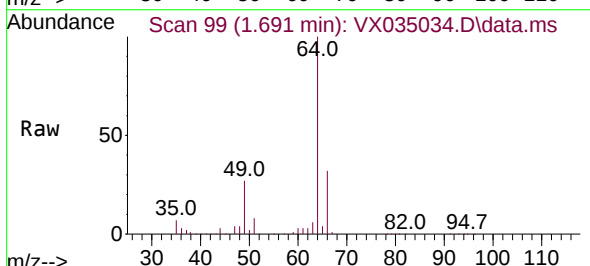
Manual Integrations
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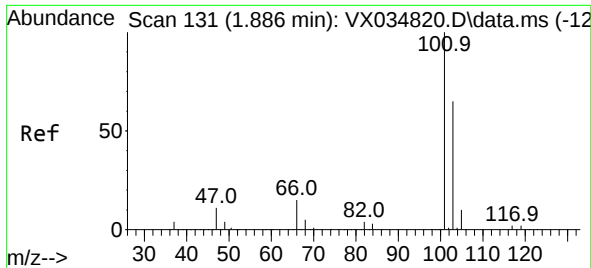
Reviewed By :John Carlone 04/13/2023
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#6
 Chloroethane
 Concen: 45.620 ug/l
 RT: 1.691 min Scan# 99
 Delta R.T. -0.000 min
 Lab File: VX035034.D
 Acq: 12 Apr 2023 10:11

Tgt Ion: 64 Resp: 108357
 Ion Ratio Lower Upper
 64 100
 66 32.1 26.2 39.4





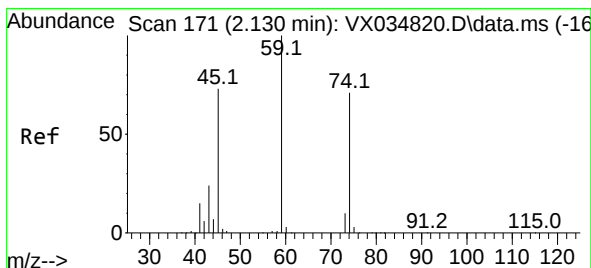
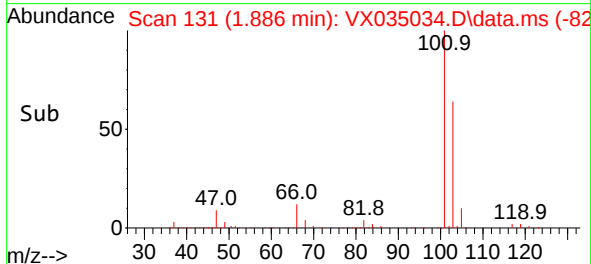
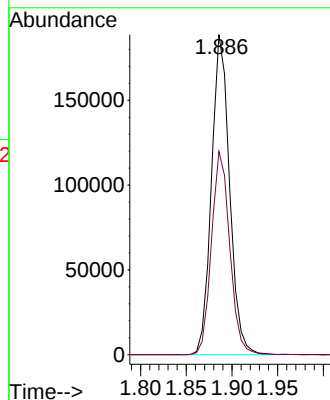
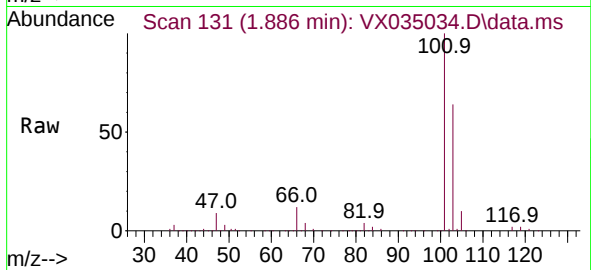
#7
Trichlorofluoromethane
Concen: 44.064 ug/l
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX035034.D
Acq: 12 Apr 2023 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 258609
Ion Ratio Lower Upper
101 100
103 63.5 52.0 78.0

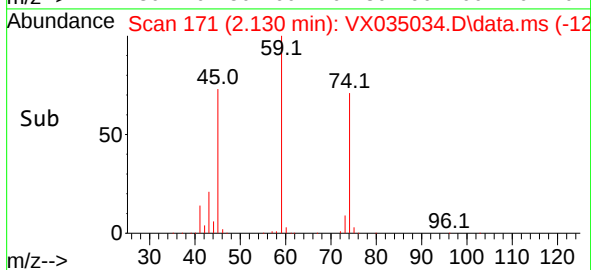
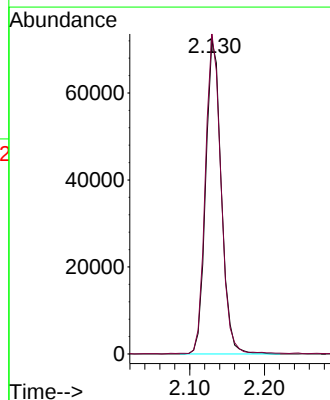
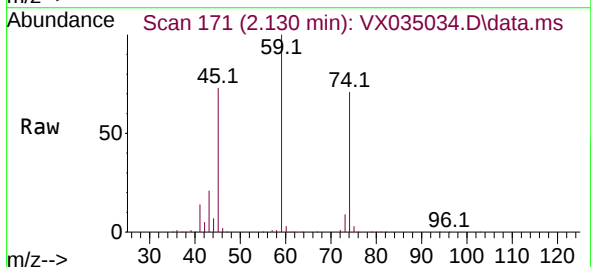
Manual Integrations
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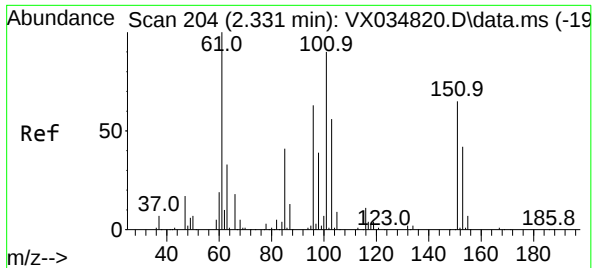
Reviewed By :John Carlone 04/13/2023
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#8
Diethyl Ether
Concen: 50.432 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX035034.D
Acq: 12 Apr 2023 10:11

Tgt Ion: 74 Resp: 104346
Ion Ratio Lower Upper
74 100
45 102.5 49.8 149.3





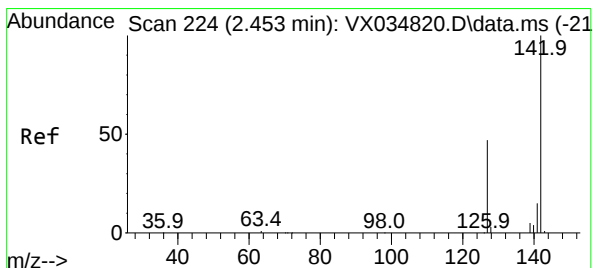
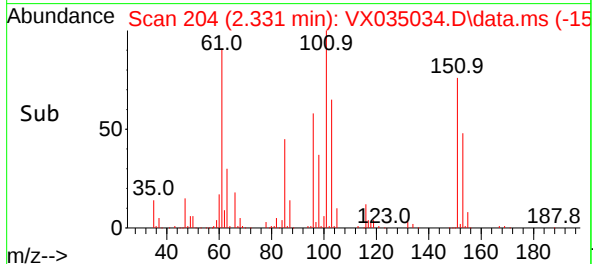
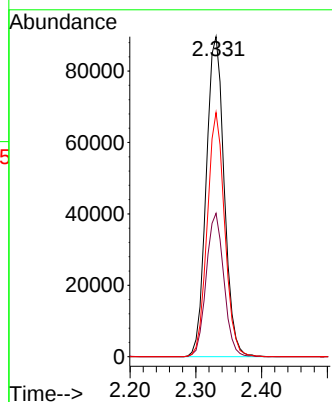
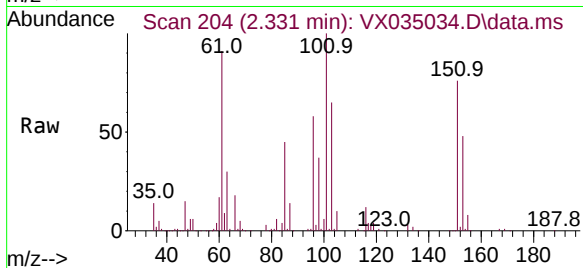
#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.554 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX035034.D
Acq: 12 Apr 2023 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 170412
Ion Ratio Lower Upper
101 100
85 44.1 35.4 53.2
151 74.2 60.2 90.4

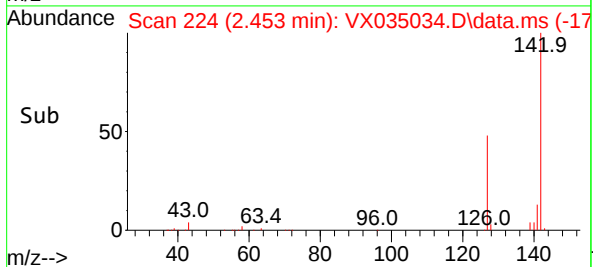
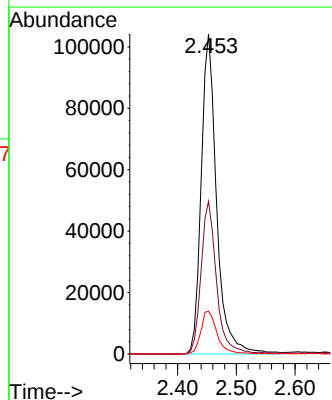
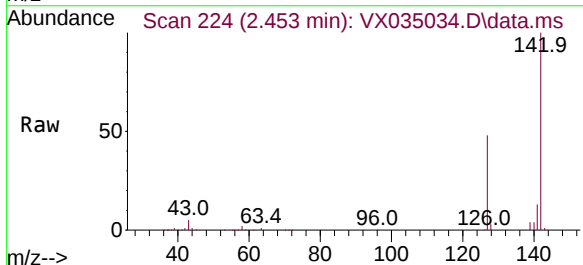
Manual Integrations
APPROVED

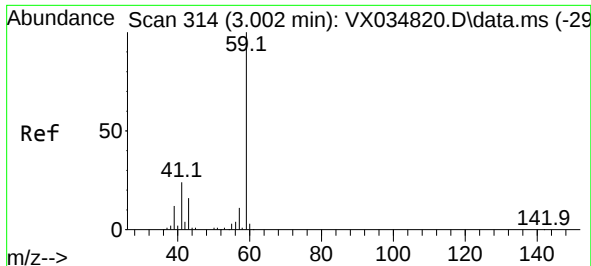
Reviewed By :John Carlone 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#10
Methyl Iodide
Concen: 49.739 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX035034.D
Acq: 12 Apr 2023 10:11

Tgt Ion:142 Resp: 190002
Ion Ratio Lower Upper
142 100
127 48.0 34.0 51.0
141 14.1 11.1 16.7





#11

Tert butyl alcohol

Concen: 225.260 ug/l m

RT: 3.007 min Scan# 314

Delta R.T. 0.006 min

Lab File: VX035034.D

Acq: 12 Apr 2023 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 17846

Ion Ratio Lower Upper

59 100

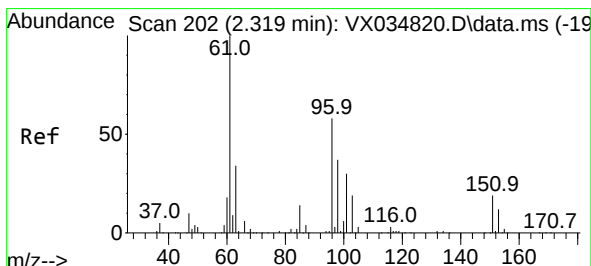
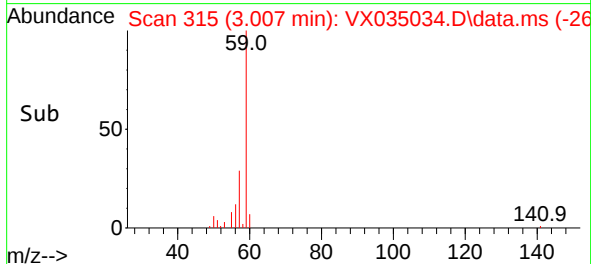
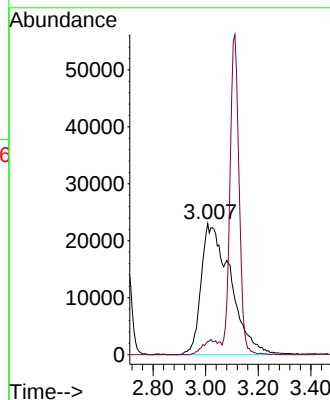
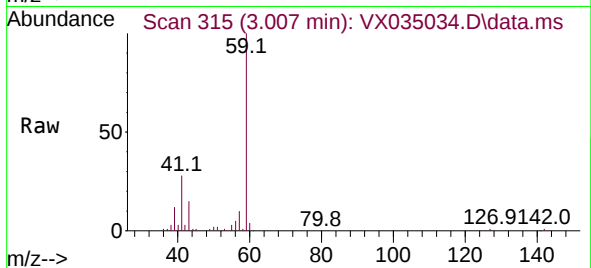
57 6.2 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#12

1,1-Dichloroethene

Concen: 51.424 ug/l

RT: 2.318 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX035034.D

Acq: 12 Apr 2023 10:11

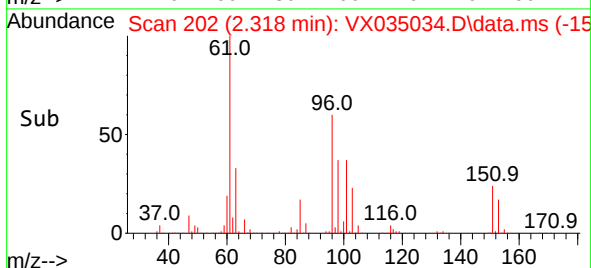
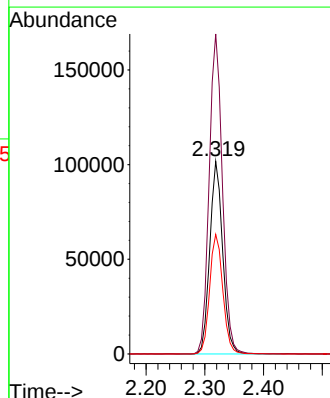
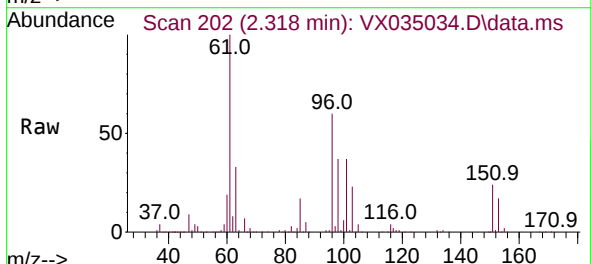
Tgt Ion: 96 Resp: 155870

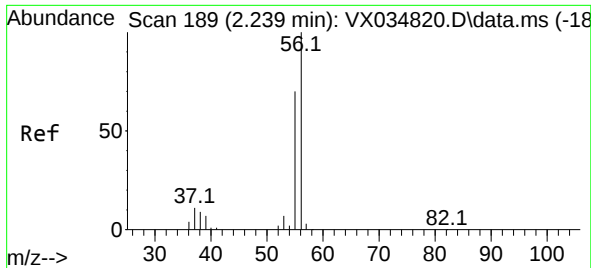
Ion Ratio Lower Upper

96 100

61 166.1 128.8 193.2

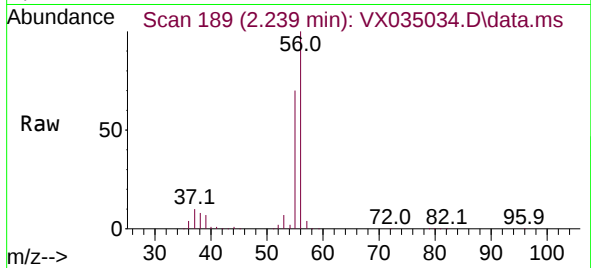
98 62.0 51.4 77.0





#13
Acrolein
Concen: 300.760 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX035034.D
Acq: 12 Apr 2023 10:11

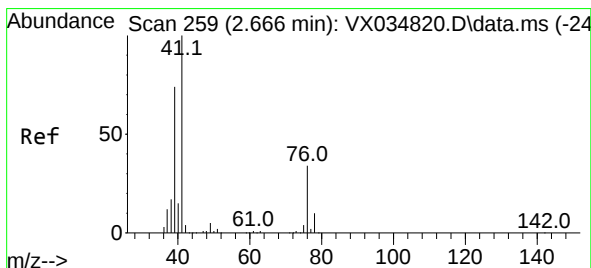
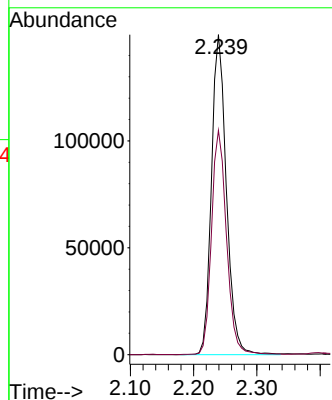
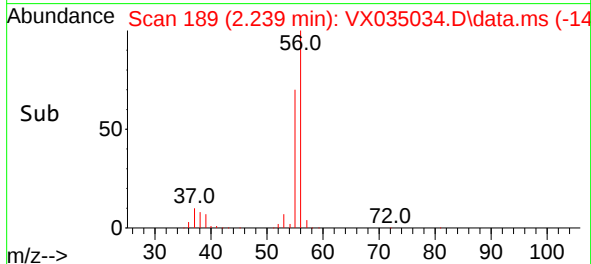
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 24528
Ion Ratio Lower Upper
56 100
55 70.9 56.6 85.0

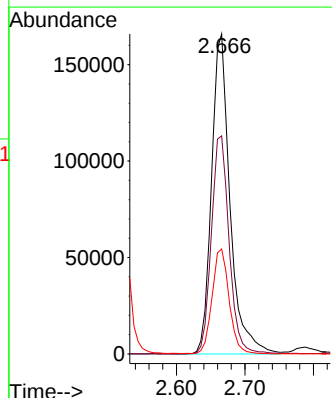
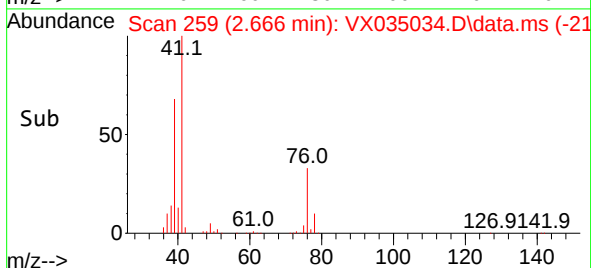
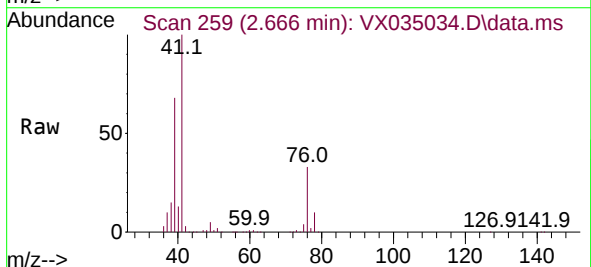
Manual Integrations
APPROVED

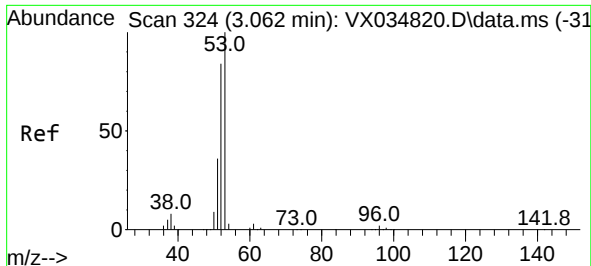
Reviewed By :John Carlone 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#14
Allyl chloride
Concen: 52.453 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX035034.D
Acq: 12 Apr 2023 10:11

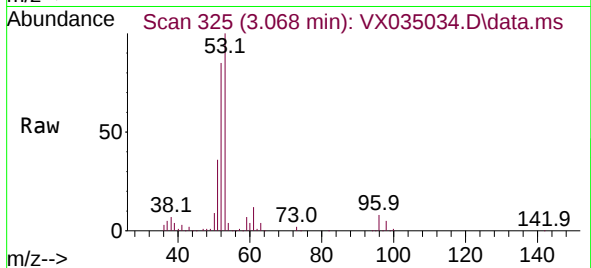
Tgt Ion: 41 Resp: 311480
Ion Ratio Lower Upper
41 100
39 65.5 52.4 78.6
76 30.2 26.0 39.0





#15
Acrylonitrile
Concen: 272.358 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX035034.D
Acq: 12 Apr 2023 10:11

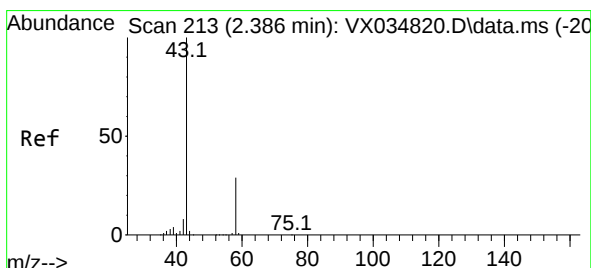
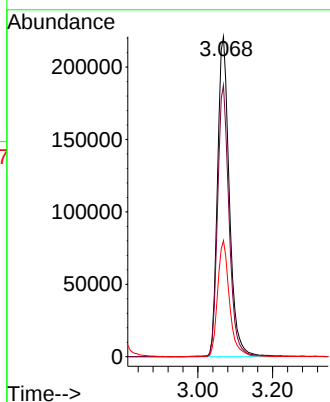
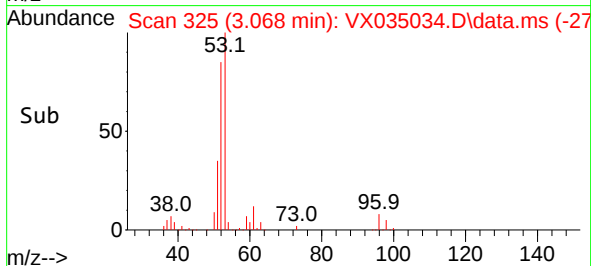
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 485694
Ion Ratio Lower Upper
53 100
52 82.6 66.2 99.2
51 36.6 28.3 42.5

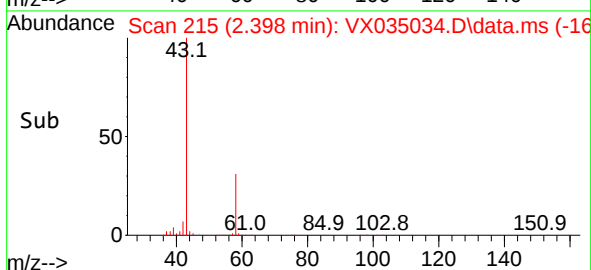
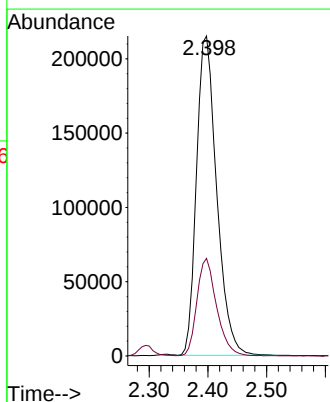
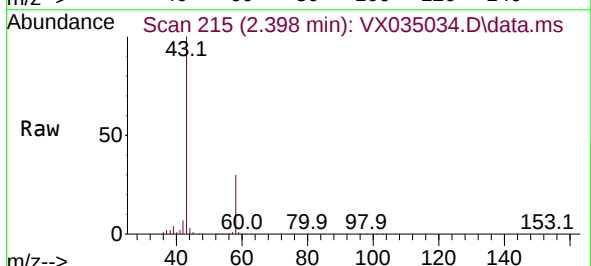
Manual Integrations
APPROVED

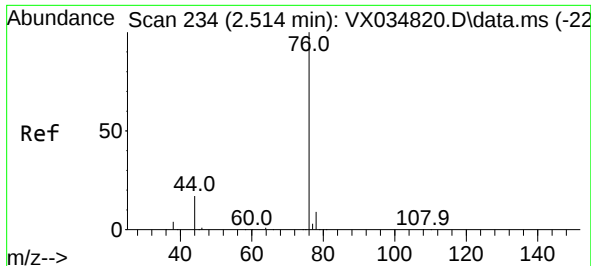
Reviewed By :John Carlone 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#16
Acetone
Concen: 280.274 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX035034.D
Acq: 12 Apr 2023 10:11

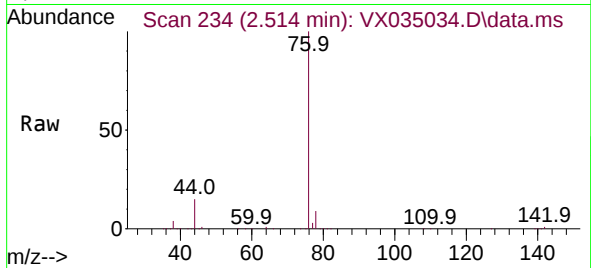
Tgt Ion: 43 Resp: 514110
Ion Ratio Lower Upper
43 100
58 30.5 24.7 37.1





#17
Carbon Disulfide
Concen: 47.908 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX035034.D
Acq: 12 Apr 2023 10:11

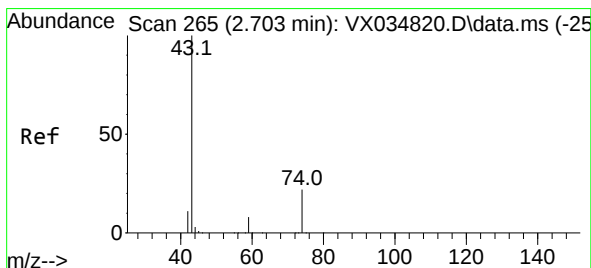
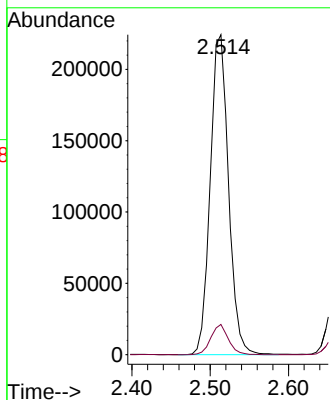
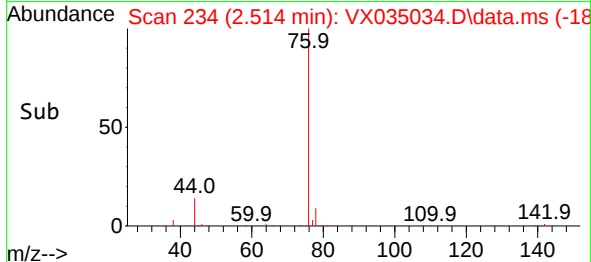
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



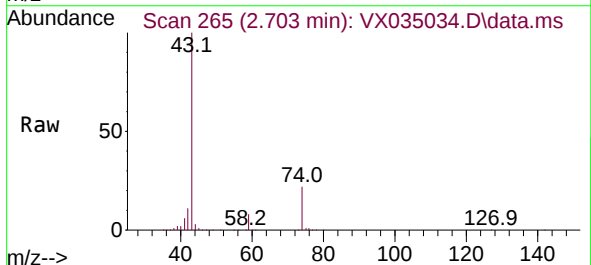
Tgt Ion: 76 Resp: 363680
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8

Manual Integrations
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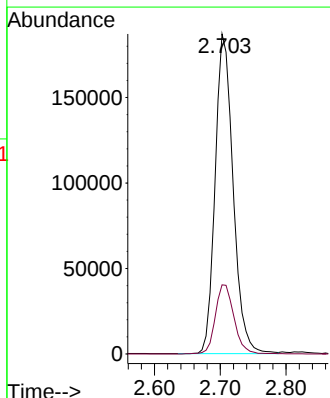
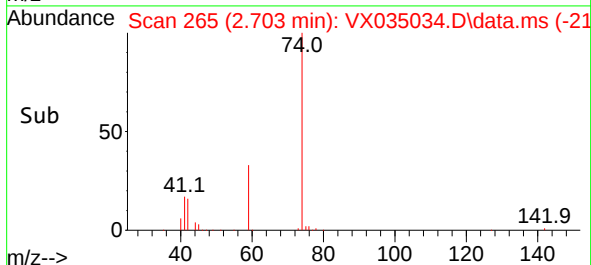
Reviewed By :John Carlone 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

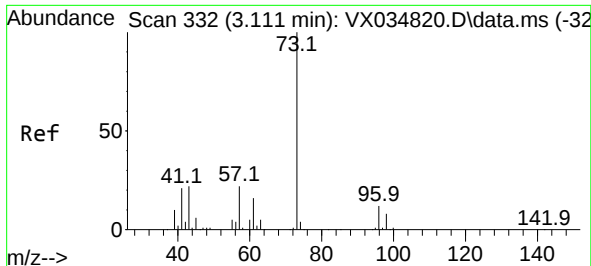


#18
Methyl Acetate
Concen: 54.664 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX035034.D
Acq: 12 Apr 2023 10:11



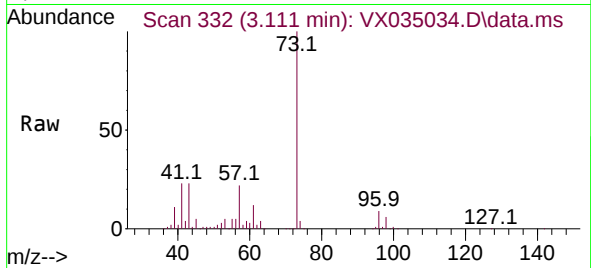
Tgt Ion: 43 Resp: 356265
Ion Ratio Lower Upper
43 100
74 22.5 18.3 27.5





#19
Methyl tert-butyl Ether
Concen: 52.859 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX035034.D
Acq: 12 Apr 2023 10:11

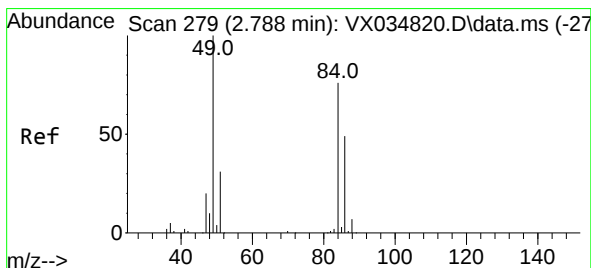
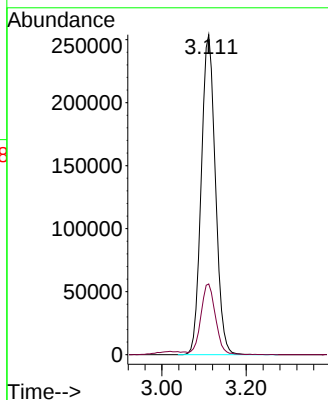
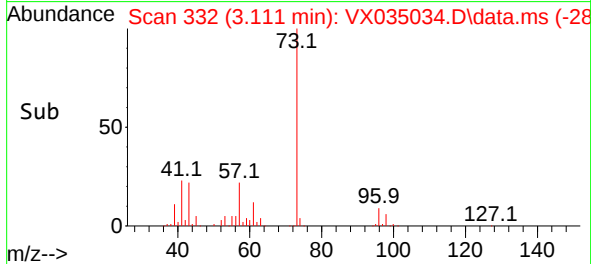
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 593199
Ion Ratio Lower Upper
73 100
57 22.1 18.5 27.7

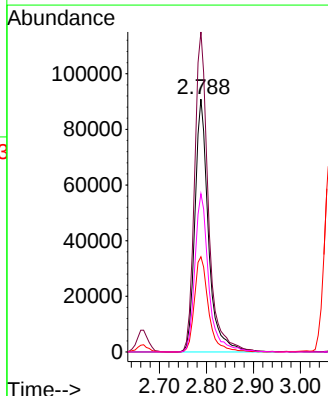
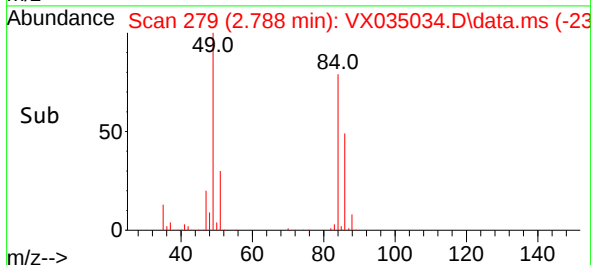
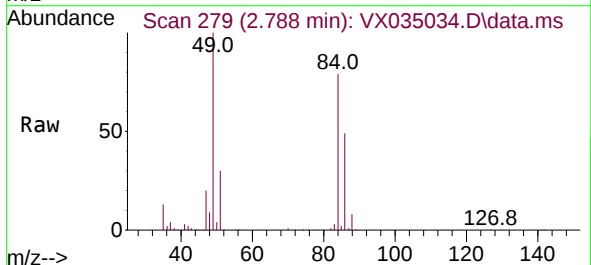
Manual Integrations
APPROVED

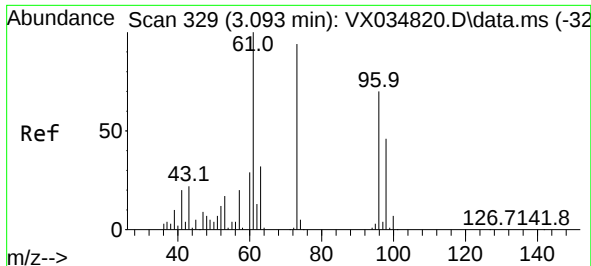
Reviewed By :John Carlone 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#20
Methylene Chloride
Concen: 50.452 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX035034.D
Acq: 12 Apr 2023 10:11

Tgt Ion: 84 Resp: 182620
Ion Ratio Lower Upper
84 100
49 126.6 103.8 155.8
51 37.6 31.8 47.8
86 62.6 51.4 77.2





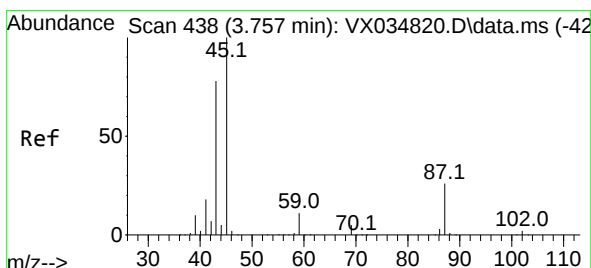
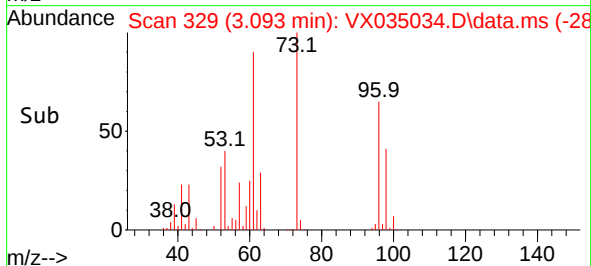
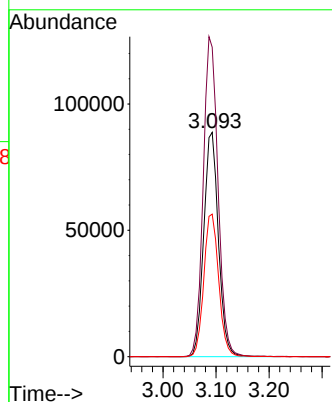
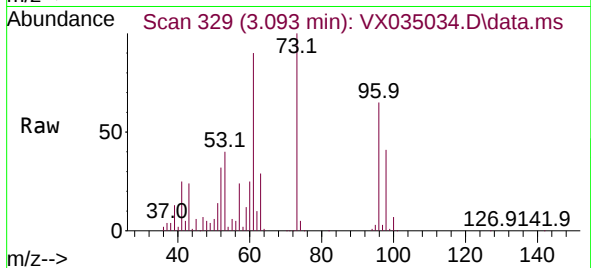
#21
trans-1,2-Dichloroethene
Concen: 51.647 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX035034.D
Acq: 12 Apr 2023 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 17073
Ion Ratio Lower Upper
96 100
61 137.9 113.0 169.6
98 63.6 52.1 78.1

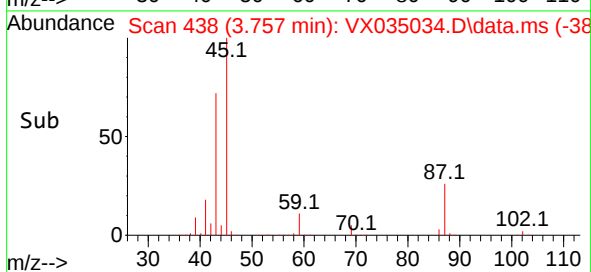
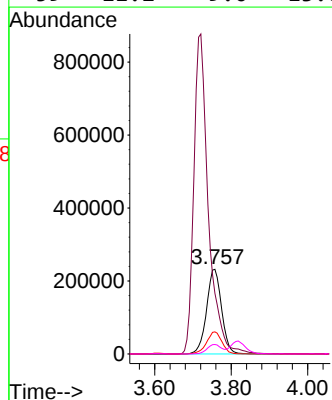
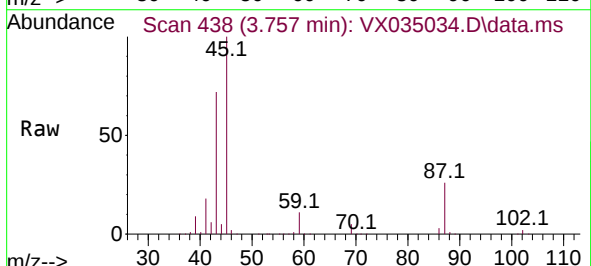
Manual Integrations
APPROVED

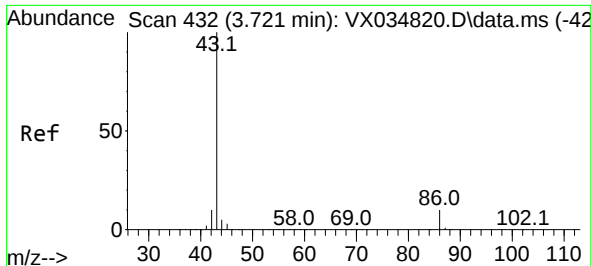
Reviewed By :John Carlone 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#22
Diisopropyl ether
Concen: 52.764 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX035034.D
Acq: 12 Apr 2023 10:11

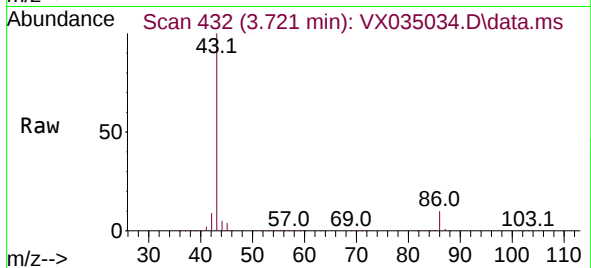
Tgt Ion: 45 Resp: 632203
Ion Ratio Lower Upper
45 100
43 71.5 65.4 98.2
87 26.1 20.6 31.0
59 11.2 9.0 13.6





#23
 Vinyl Acetate
 Concen: 271.222 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX035034.D
 Acq: 12 Apr 2023 10:11

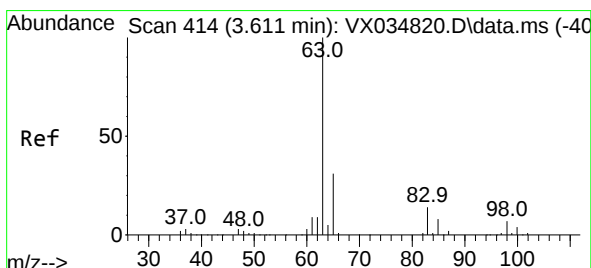
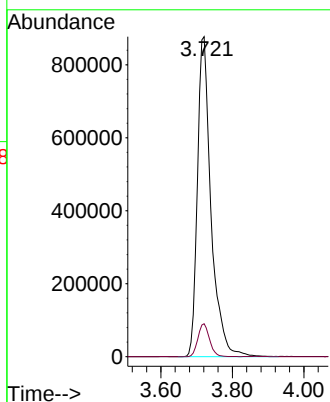
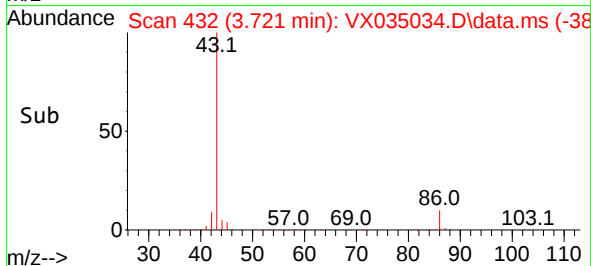
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



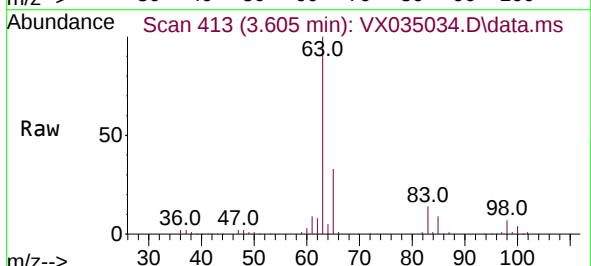
Tgt Ion: 43 Resp: 231766
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.5 12.7

Manual Integrations
 APPROVED

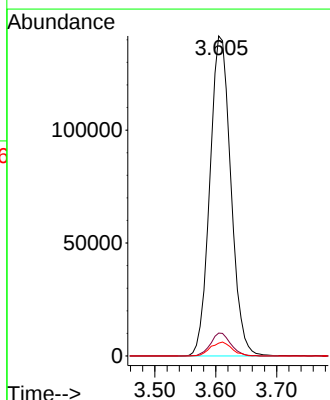
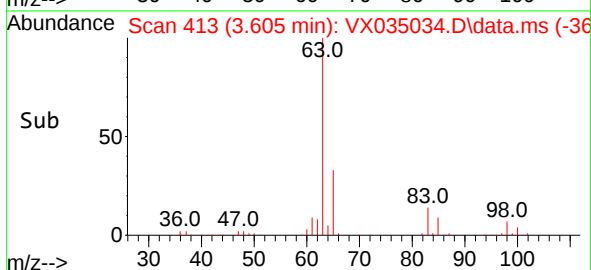
Reviewed By :John Carlone 04/13/2023
 Supervised By :Mahesh Dadoda 04/13/2023

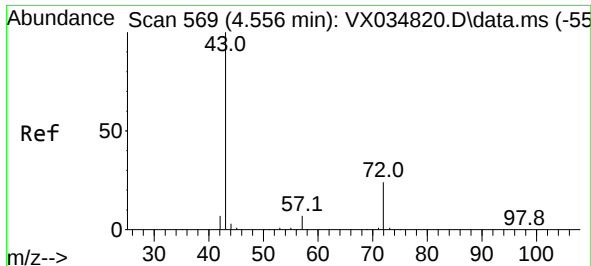


#24
 1,1-Dichloroethane
 Concen: 52.613 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX035034.D
 Acq: 12 Apr 2023 10:11



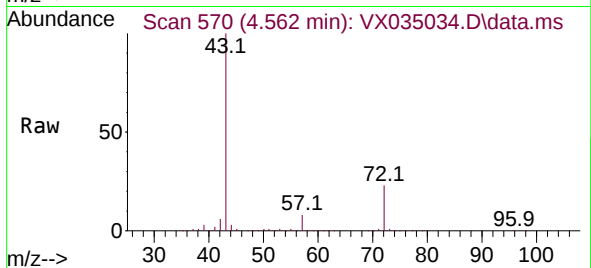
Tgt Ion: 63 Resp: 339181
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.8 11.2
 100 4.0 2.4 7.1





#25
2-Butanone
Concen: 266.549 ug/l
RT: 4.562 min Scan# 511
Delta R.T. 0.006 min
Lab File: VX035034.D
Acq: 12 Apr 2023 10:11

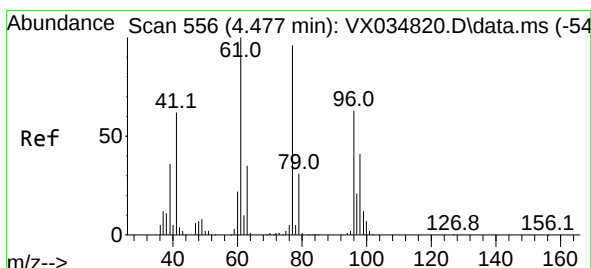
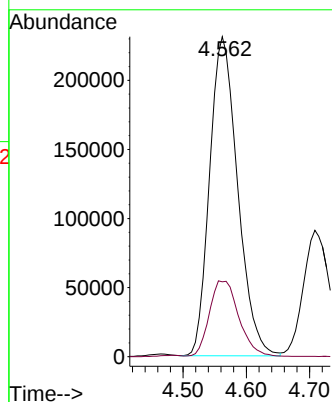
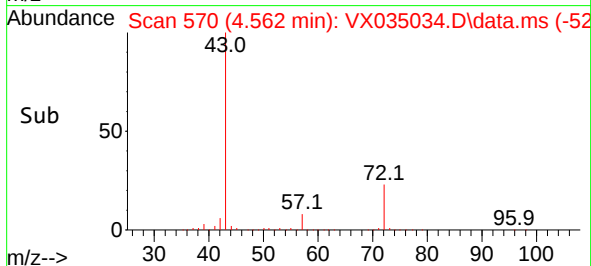
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 711219
Ion Ratio Lower Upper
43 100
72 23.3 19.3 28.9

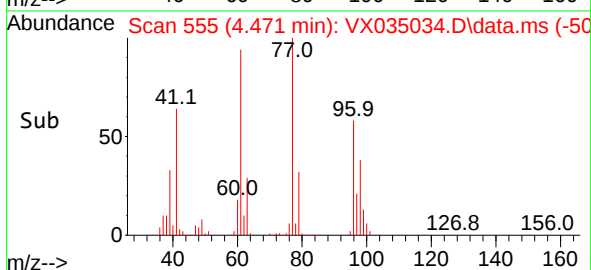
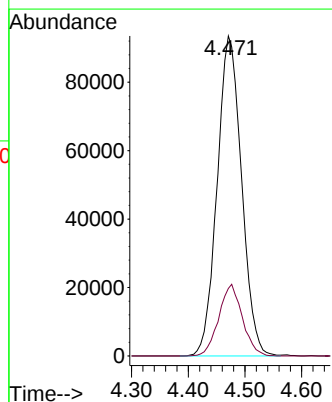
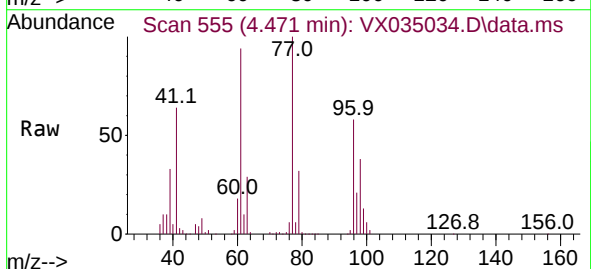
Manual Integrations
APPROVED

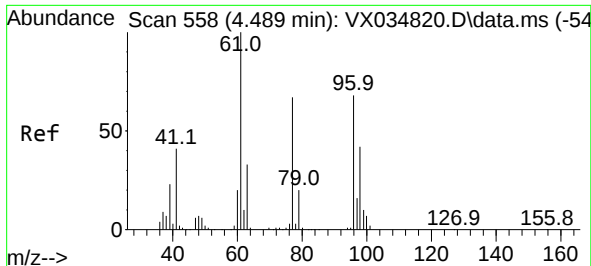
Reviewed By :John Carlone 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#26
2,2-Dichloropropane
Concen: 52.726 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX035034.D
Acq: 12 Apr 2023 10:11

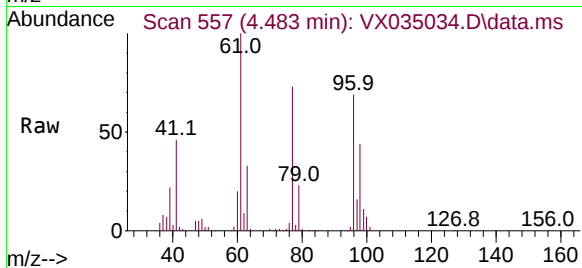
Tgt Ion: 77 Resp: 279529
Ion Ratio Lower Upper
77 100
97 21.6 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 52.226 ug/l
 RT: 4.483 min Scan# 511
 Delta R.T. -0.006 min
 Lab File: VX035034.D
 Acq: 12 Apr 2023 10:11

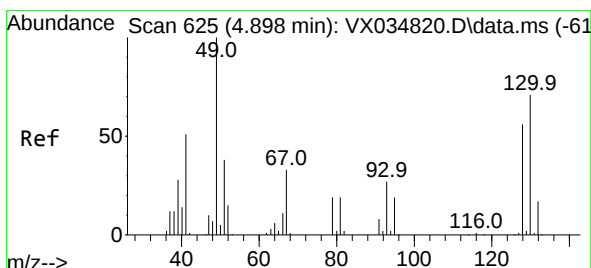
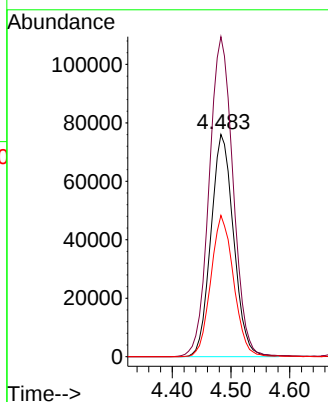
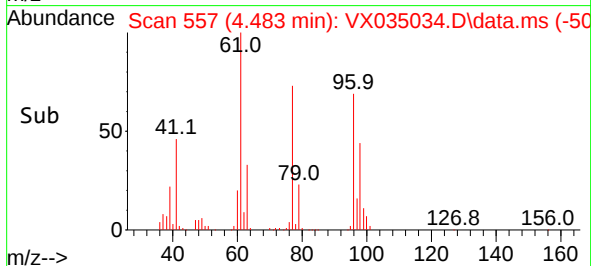
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 204570
 Ion Ratio Lower Upper
 96 100
 61 151.6 0.0 300.4
 98 63.7 0.0 129.0

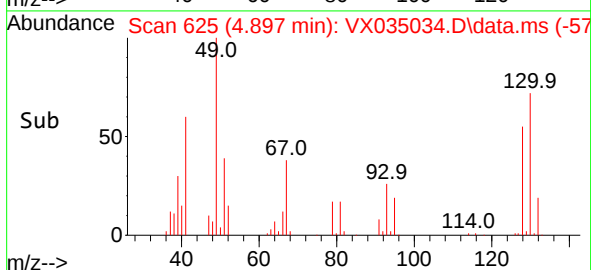
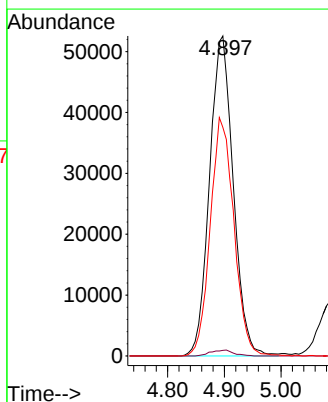
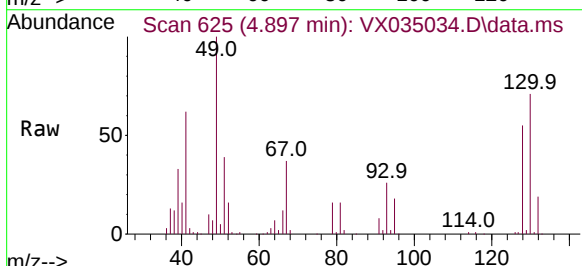
Manual Integrations
 APPROVED

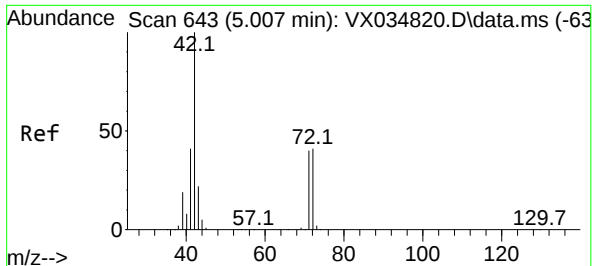
Reviewed By :John Carlone 04/13/2023
 Supervised By :Mahesh Dadoda 04/13/2023



#28
 Bromochloromethane
 Concen: 48.437 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. -0.000 min
 Lab File: VX035034.D
 Acq: 12 Apr 2023 10:11

Tgt Ion: 49 Resp: 152750
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.0
 130 74.3 58.2 87.2





#29

Tetrahydrofuran

Concen: 263.168 ug/l

RT: 5.007 min Scan# 643

Delta R.T. -0.000 min

Lab File: VX035034.D

Acq: 12 Apr 2023 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 439890

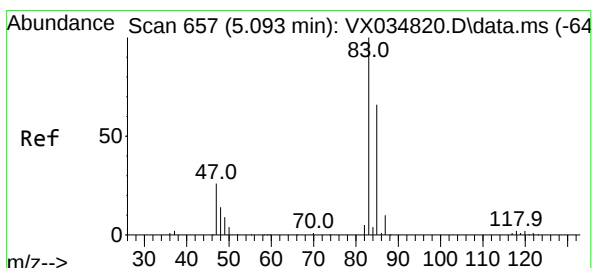
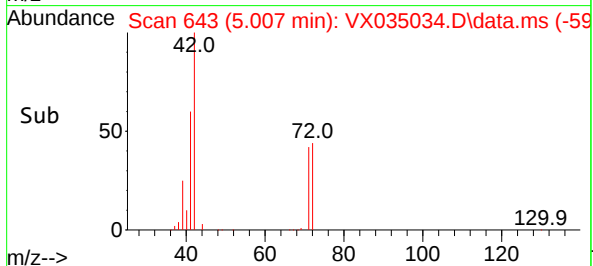
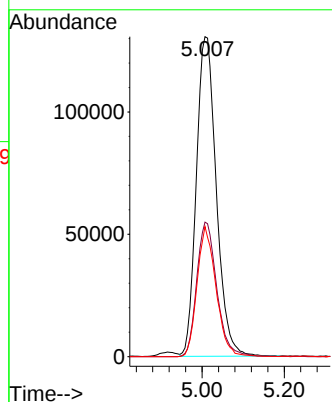
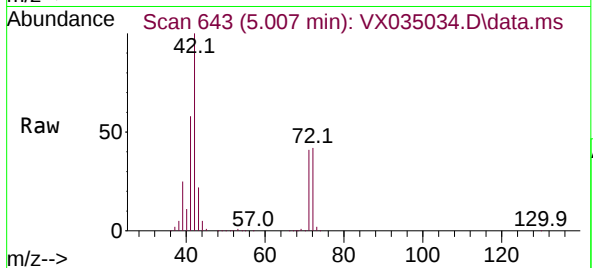
Ion	Ratio	Lower	Upper
42	100		
72	42.4	34.5	51.7
71	38.7	32.1	48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#30

Chloroform

Concen: 52.591 ug/l

RT: 5.092 min Scan# 657

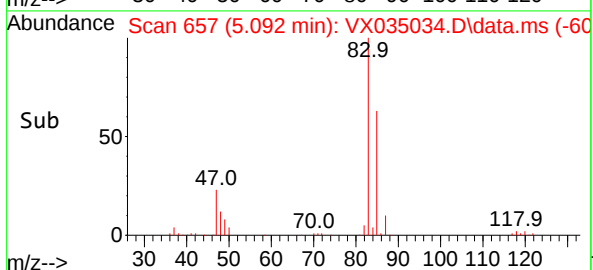
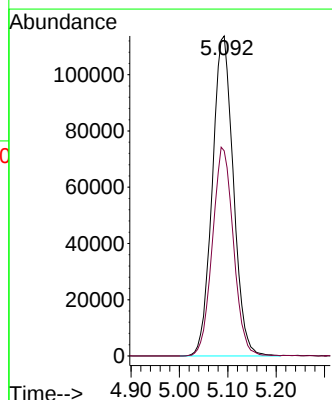
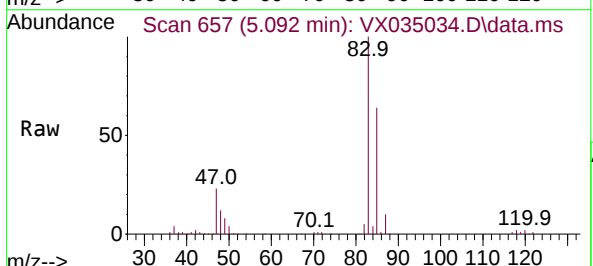
Delta R.T. -0.000 min

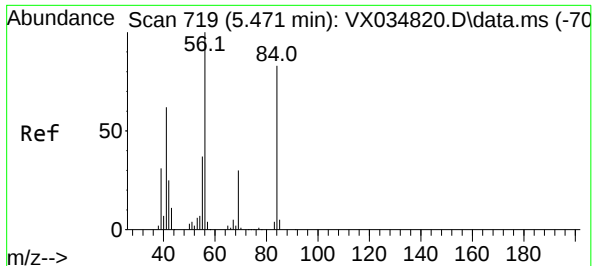
Lab File: VX035034.D

Acq: 12 Apr 2023 10:11

Tgt Ion: 83 Resp: 344362

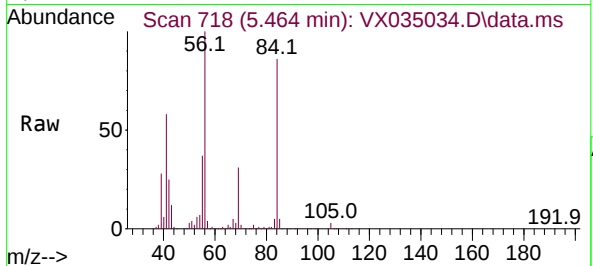
Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.6	76.0





#31
Cyclohexane
Concen: 52.701 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX035034.D
Acq: 12 Apr 2023 10:11

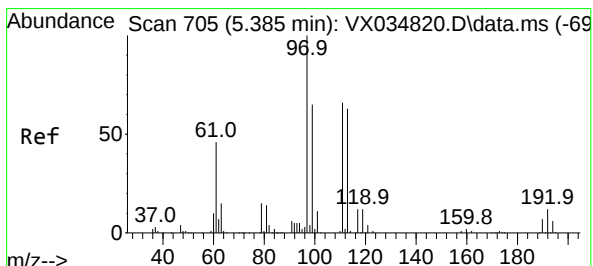
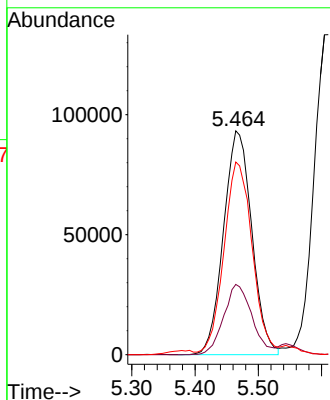
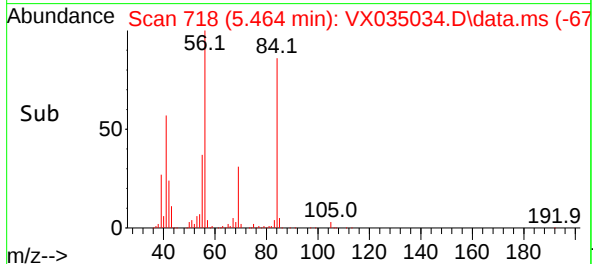
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 28976
Ion Ratio Lower Upper
56 100
69 31.4 23.7 35.5
84 84.4 68.5 102.7

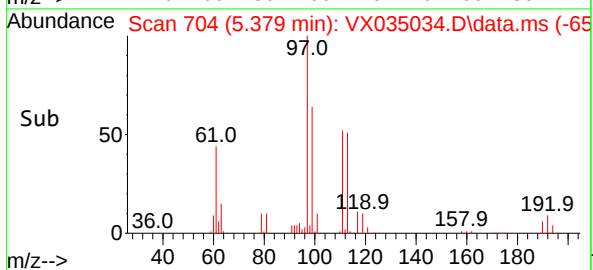
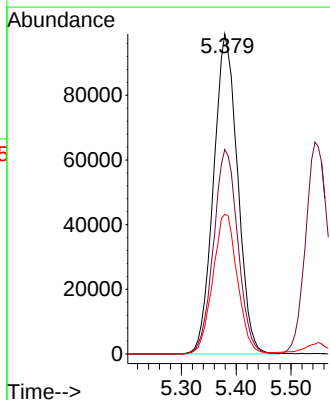
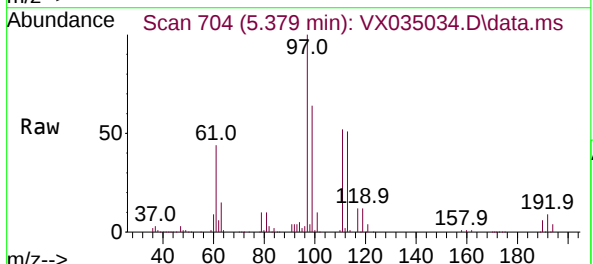
Manual Integrations
APPROVED

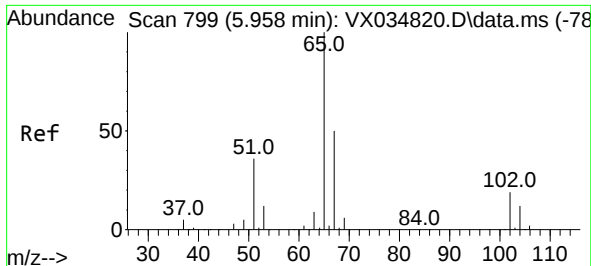
Reviewed By :John Carlone 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#32
1,1,1-Trichloroethane
Concen: 53.887 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX035034.D
Acq: 12 Apr 2023 10:11

Tgt Ion: 97 Resp: 301103
Ion Ratio Lower Upper
97 100
99 64.7 51.1 76.7
61 44.7 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 43.276 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX035034.D

Acq: 12 Apr 2023 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 195408

Ion Ratio Lower Upper

65 100

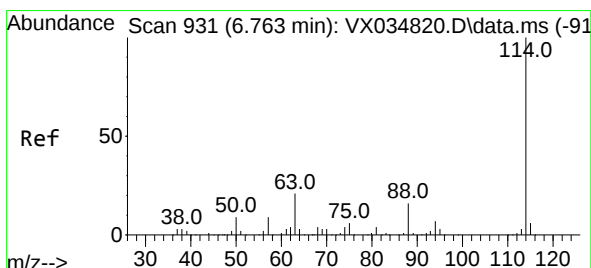
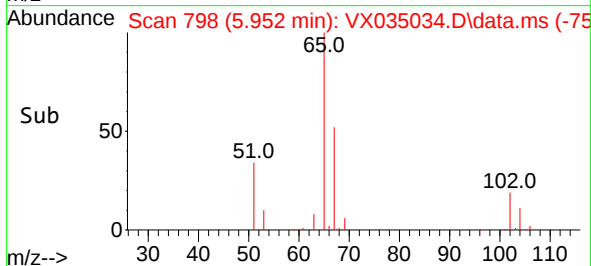
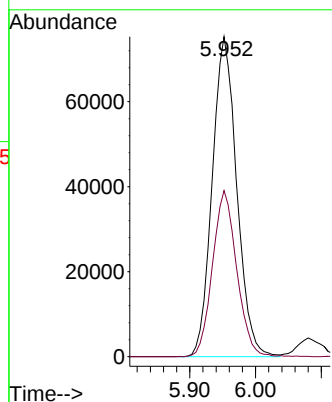
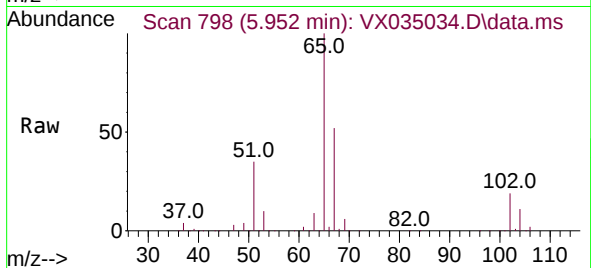
67 51.3 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX035034.D

Acq: 12 Apr 2023 10:11

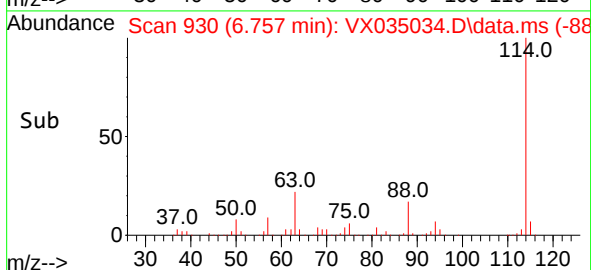
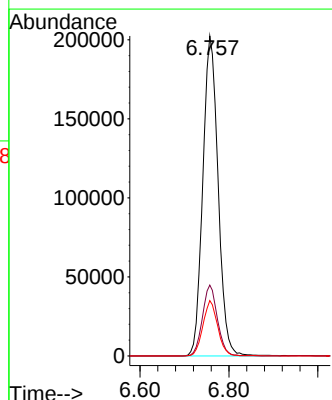
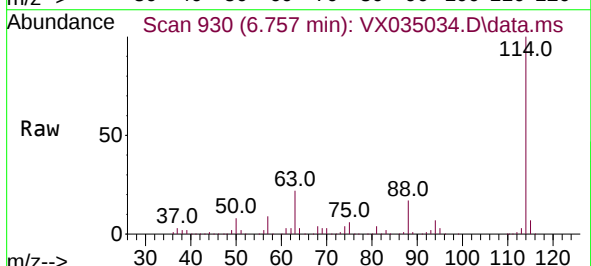
Tgt Ion:114 Resp: 485432

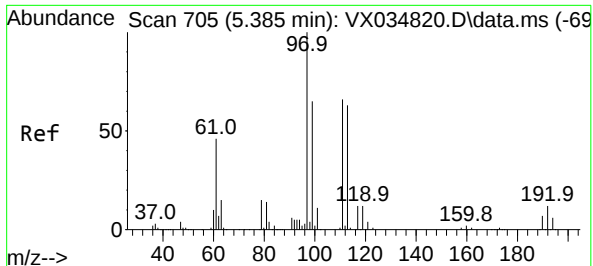
Ion Ratio Lower Upper

114 100

63 22.1 0.0 42.2

88 17.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 46.821 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX035034.D

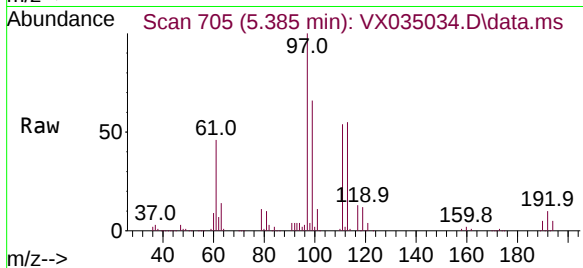
Acq: 12 Apr 2023 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion: 113 Resp: 150330

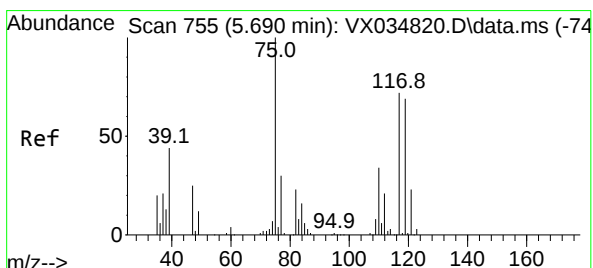
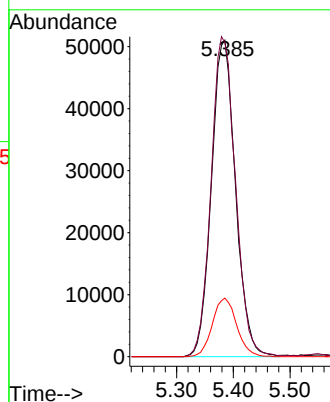
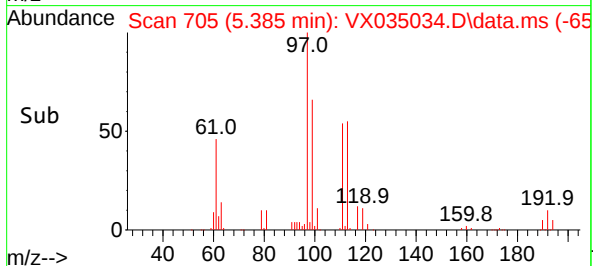
Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.7	125.5
192	18.7	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#36

1,1-Dichloropropene

Concen: 53.225 ug/l

RT: 5.690 min Scan# 755

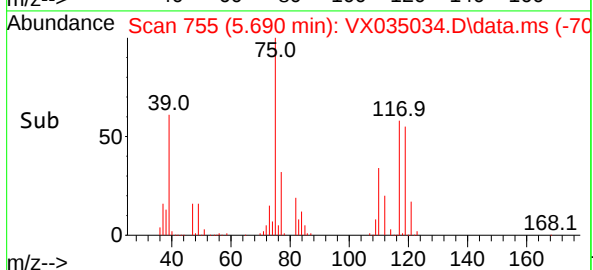
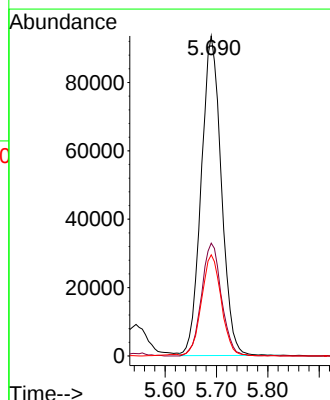
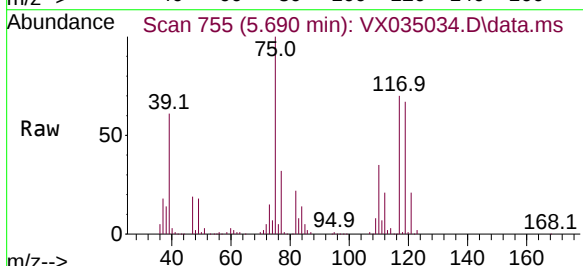
Delta R.T. -0.000 min

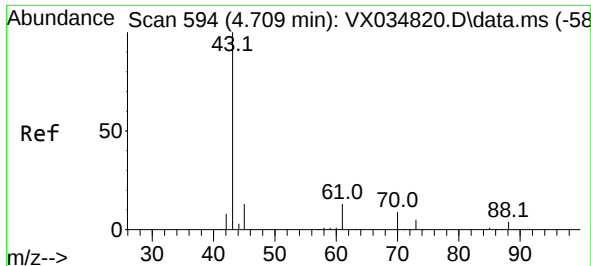
Lab File: VX035034.D

Acq: 12 Apr 2023 10:11

Tgt Ion: 75 Resp: 253179

Ion	Ratio	Lower	Upper
75	100		
110	35.0	17.5	52.5
77	31.3	24.3	36.5





#37

Ethyl Acetate

Concen: 53.827 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.000 min

Lab File: VX035034.D

Acq: 12 Apr 2023 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 267728

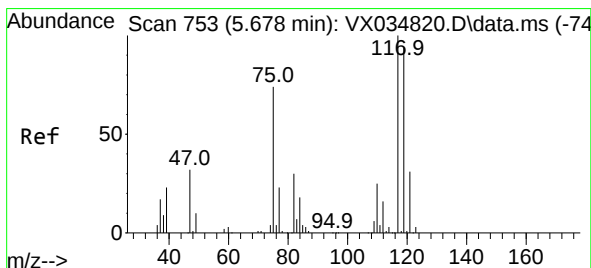
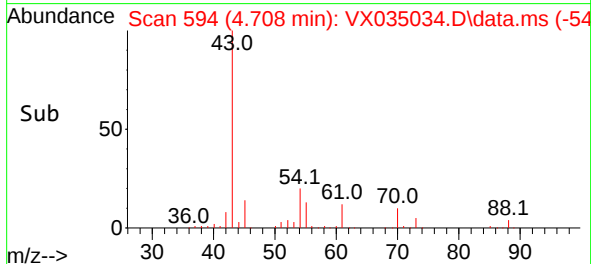
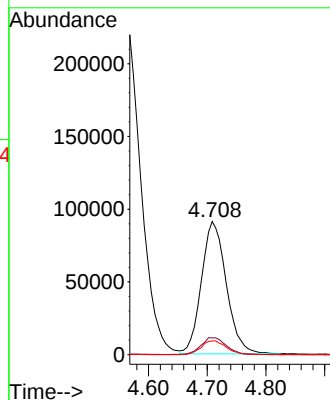
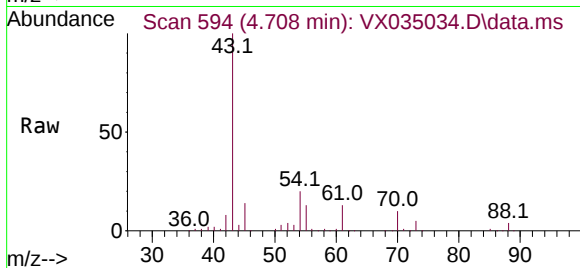
Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.2	15.4
70	10.6	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#38

Carbon Tetrachloride

Concen: 57.431 ug/l

RT: 5.672 min Scan# 752

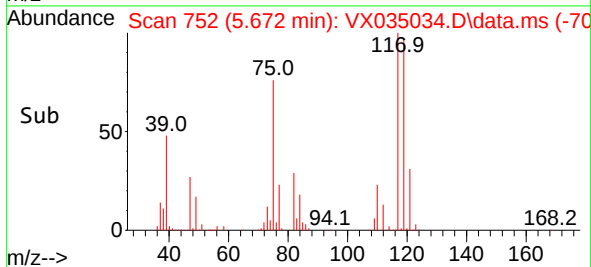
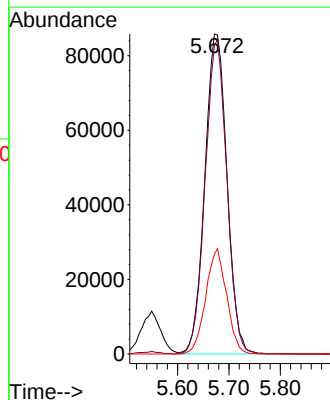
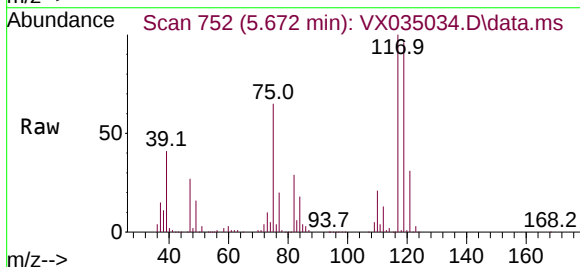
Delta R.T. -0.006 min

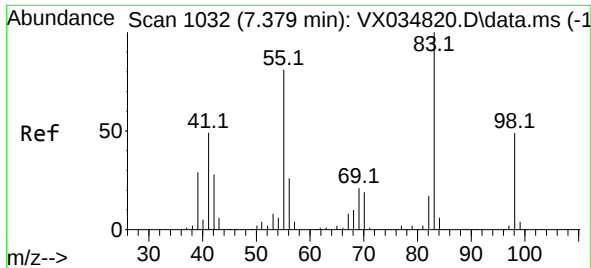
Lab File: VX035034.D

Acq: 12 Apr 2023 10:11

Tgt Ion:117 Resp: 257562

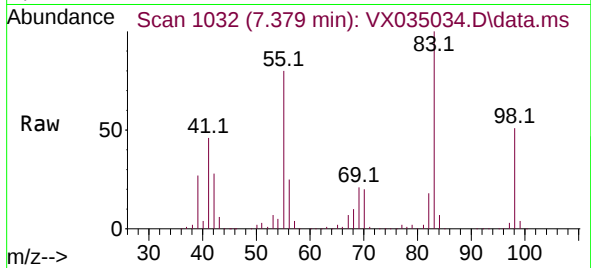
Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.6	114.8
121	31.2	23.8	35.6





#39
Methylcyclohexane
Concen: 55.725 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX035034.D
Acq: 12 Apr 2023 10:11

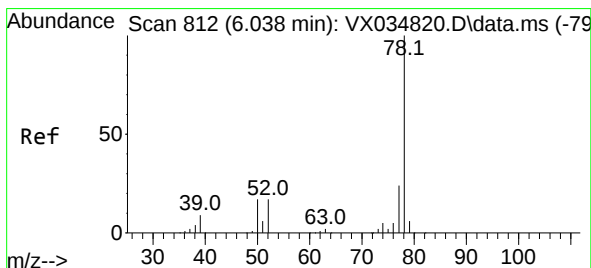
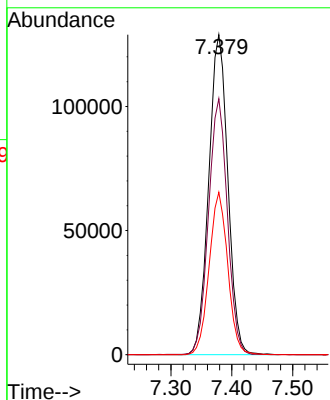
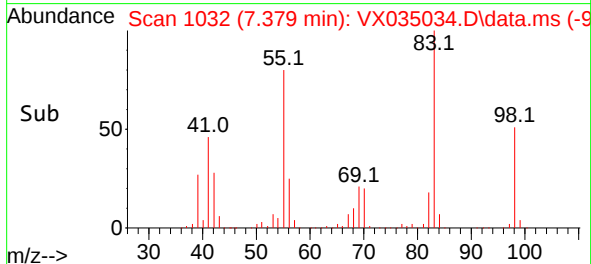
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 28148
Ion Ratio Lower Upper
83 100
55 79.9 60.5 90.7
98 50.7 40.4 60.6

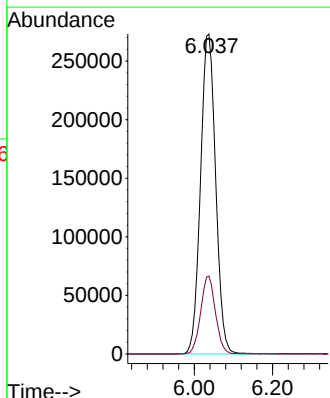
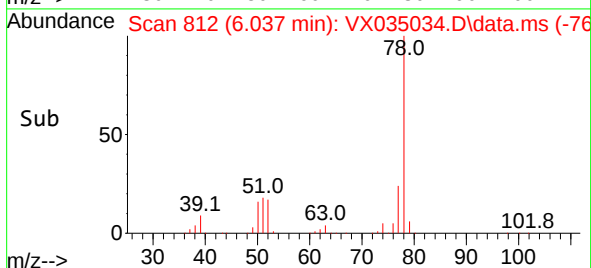
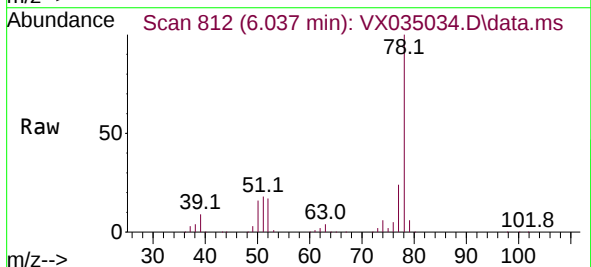
Manual Integrations
APPROVED

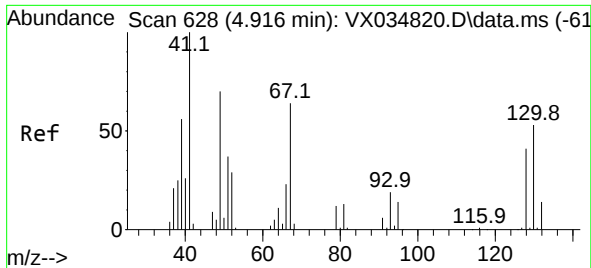
Reviewed By :John Carlone 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#40
Benzene
Concen: 53.633 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX035034.D
Acq: 12 Apr 2023 10:11

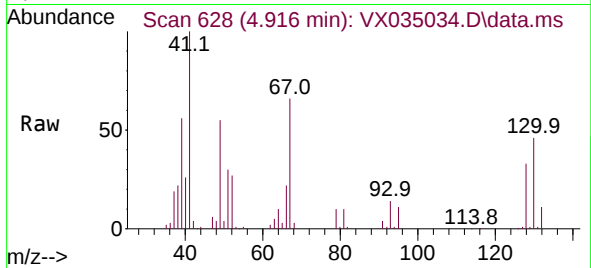
Tgt Ion: 78 Resp: 732355
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.4





#41
Methacrylonitrile
Concen: 56.053 ug/l m
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX035034.D
Acq: 12 Apr 2023 10:11

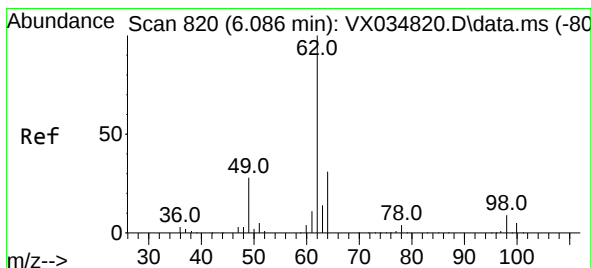
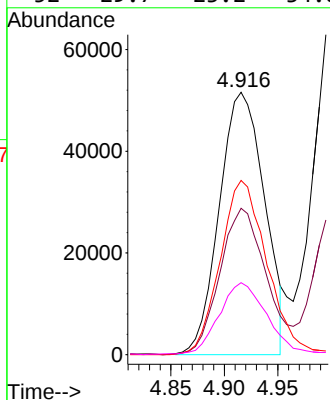
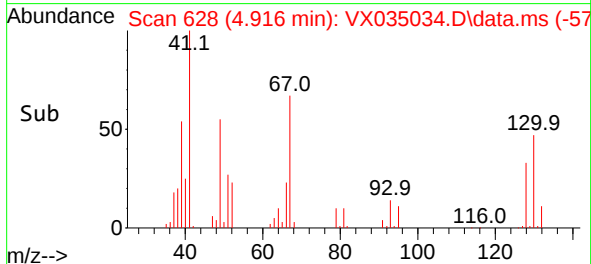
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 151620
Ion Ratio Lower Upper
41 100
39 57.6 45.0 67.6
67 69.1 55.6 83.4
52 29.7 23.2 34.8

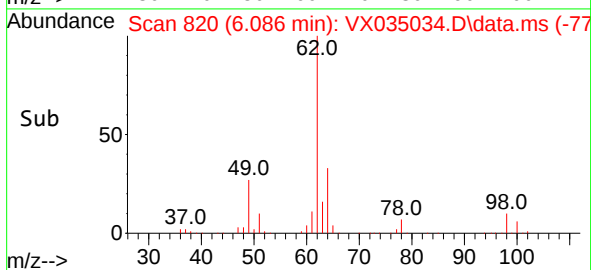
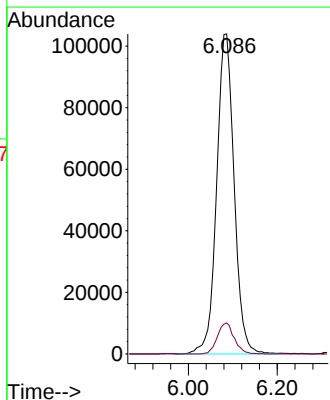
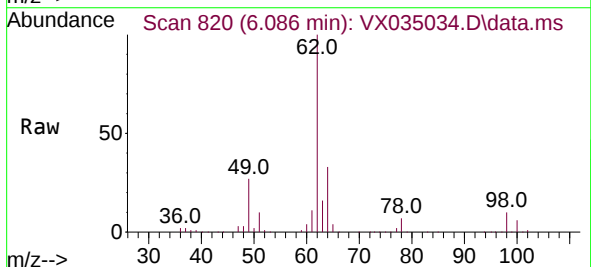
Manual Integrations
APPROVED

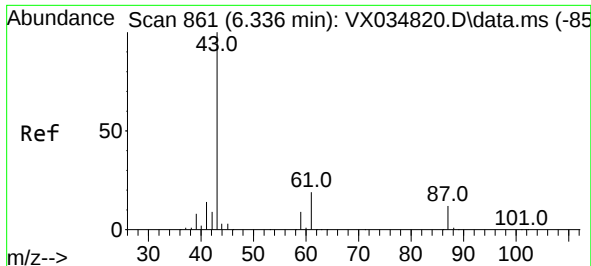
Reviewed By :John Carlone 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#42
1,2-Dichloroethane
Concen: 52.204 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX035034.D
Acq: 12 Apr 2023 10:11

Tgt Ion: 62 Resp: 283400
Ion Ratio Lower Upper
62 100
98 9.3 0.0 18.0





#43

Isopropyl Acetate

Concen: 54.758 ug/l

RT: 6.336 min Scan# 80

Delta R.T. -0.000 min

Lab File: VX035034.D

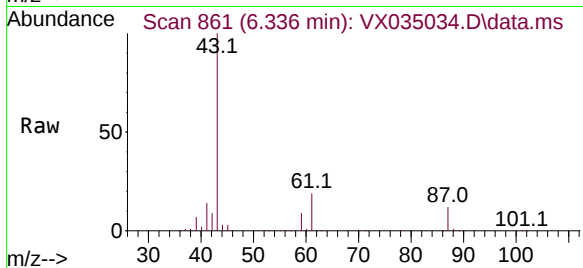
Acq: 12 Apr 2023 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



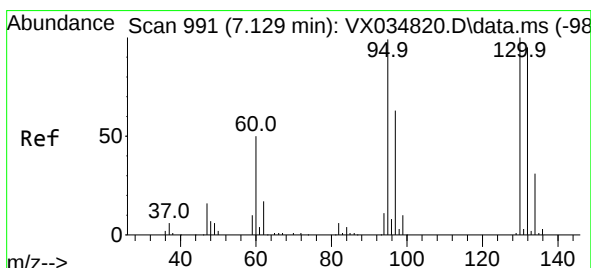
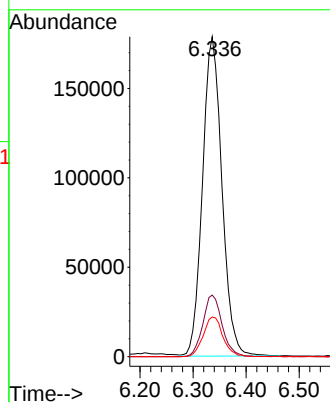
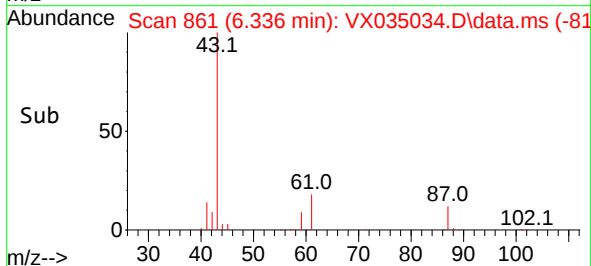
Tgt Ion:	43	Resp:	45566
Ion Ratio	Lower	Upper	
43	100		
61	19.2	15.2	22.8
87	12.6	9.8	14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#44

Trichloroethene

Concen: 55.299 ug/l

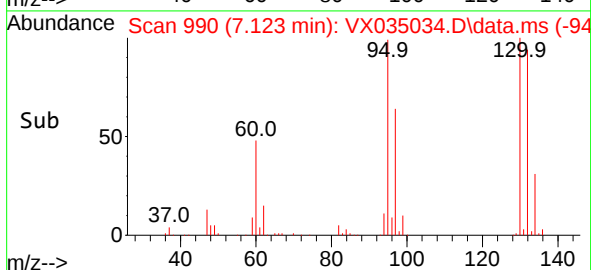
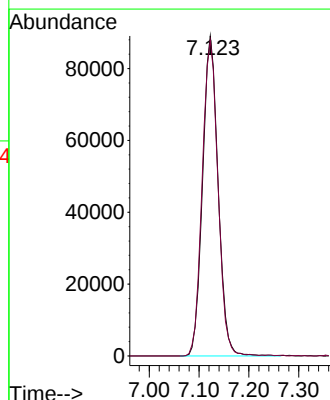
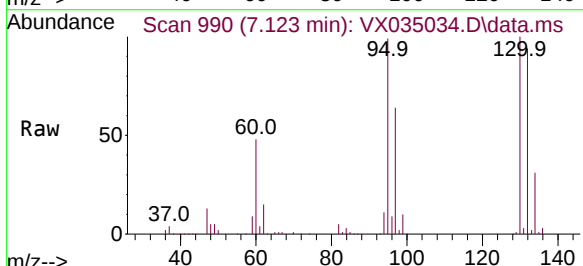
RT: 7.123 min Scan# 990

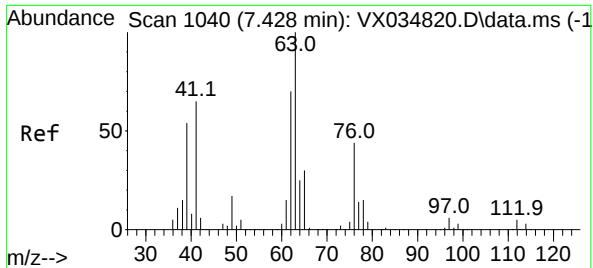
Delta R.T. -0.006 min

Lab File: VX035034.D

Acq: 12 Apr 2023 10:11

Tgt Ion:	130	Resp:	192753
Ion Ratio	Lower	Upper	
130	100		
95	98.7	0.0	198.4





#45

1,2-Dichloropropane

Concen: 54.737 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX035034.D

Acq: 12 Apr 2023 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 194770

Ion Ratio Lower Upper

63 100

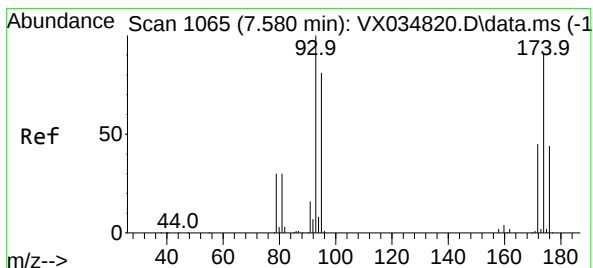
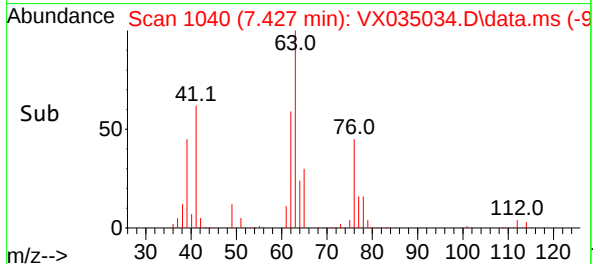
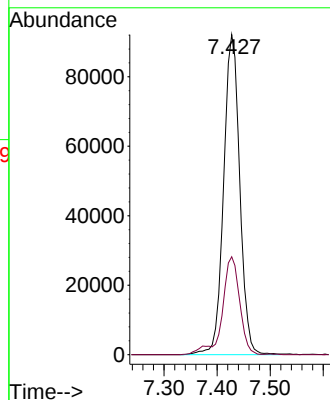
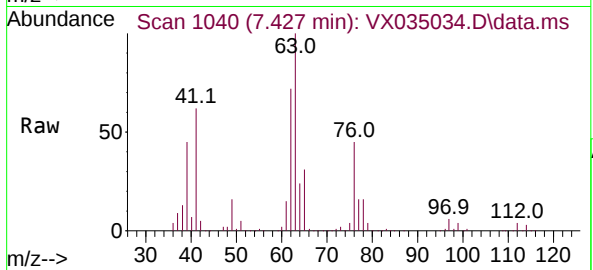
65 30.6 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#46

Dibromomethane

Concen: 53.204 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX035034.D

Acq: 12 Apr 2023 10:11

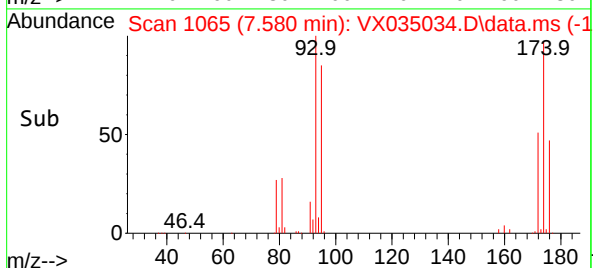
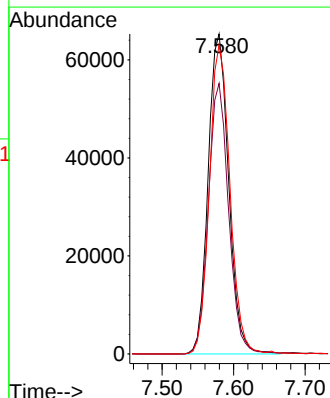
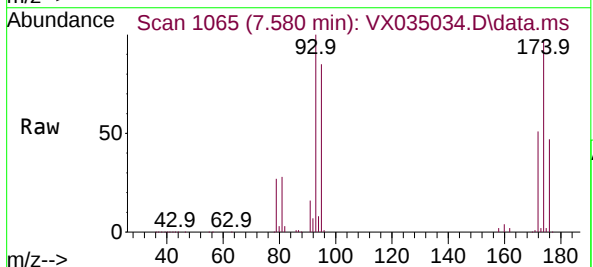
Tgt Ion: 93 Resp: 130257

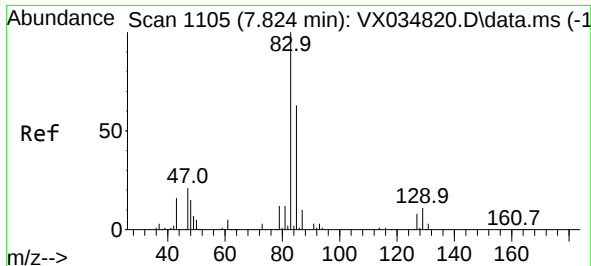
Ion Ratio Lower Upper

93 100

95 83.6 66.9 100.3

174 96.5 75.4 113.0





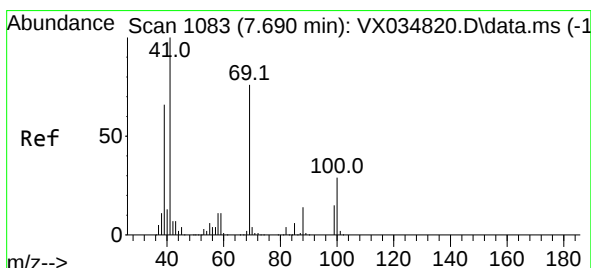
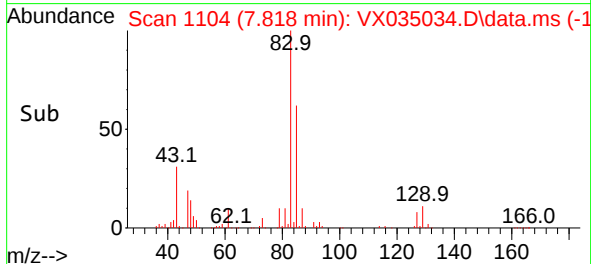
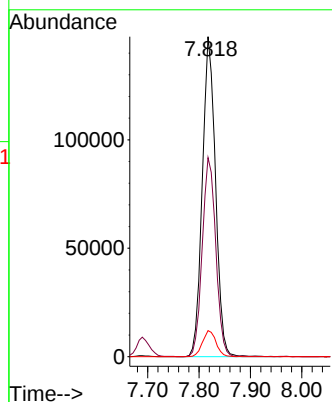
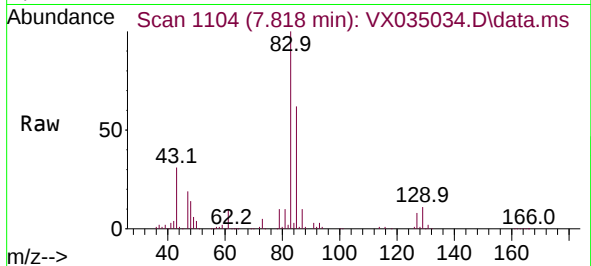
#47
Bromodichloromethane
Concen: 58.065 ug/l
RT: 7.818 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX035034.D
Acq: 12 Apr 2023 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 26258
Ion Ratio Lower Upper
83 100
85 62.2 52.2 78.4
127 8.1 6.6 9.8

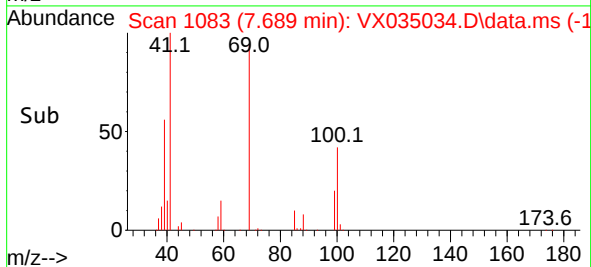
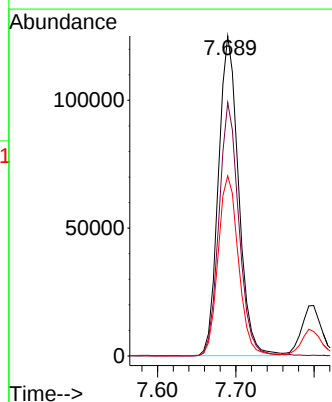
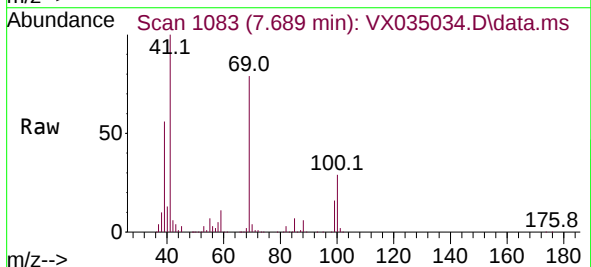
Manual Integrations
APPROVED

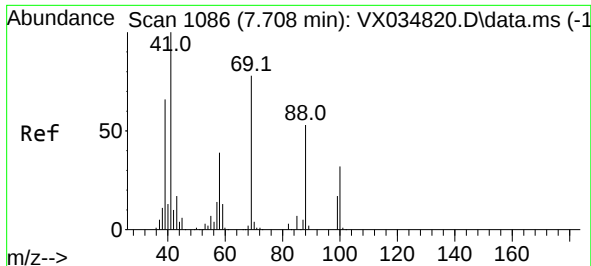
Reviewed By :John Carlone 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#48
Methyl methacrylate
Concen: 54.843 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX035034.D
Acq: 12 Apr 2023 10:11

Tgt Ion: 41 Resp: 224119
Ion Ratio Lower Upper
41 100
69 78.3 62.2 93.4
39 57.1 47.7 71.5





#49

1,4-Dioxane

Concen: 950.225 ug/l

RT: 7.726 min Scan# 1086

Delta R.T. 0.018 min

Lab File: VX035034.D

Acq: 12 Apr 2023 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

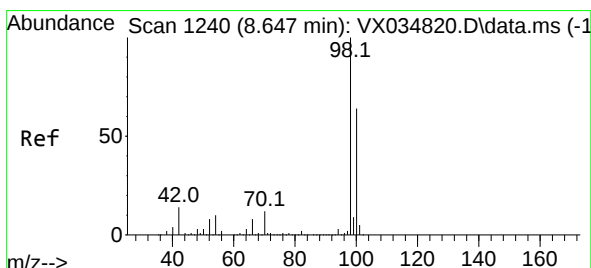
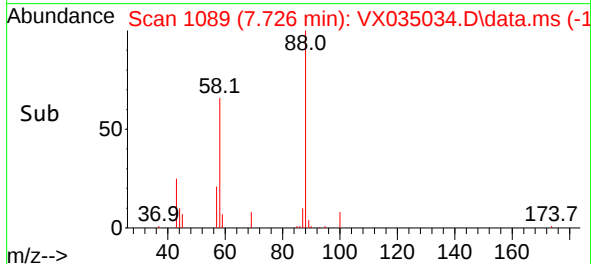
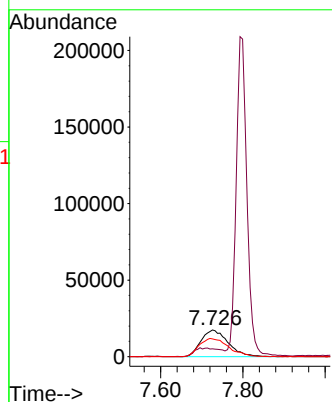
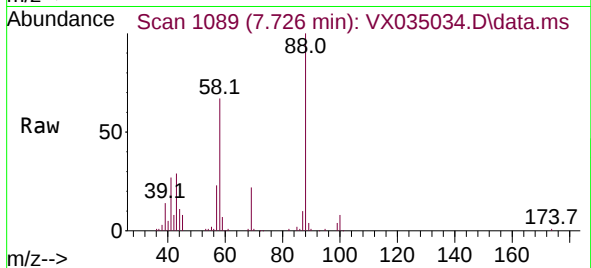
Tgt Ion: 88 Resp: 80025
 Ion Ratio Lower Upper
 88 100
 43 0.0 27.7 41.5
 58 74.0 56.8 85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#50

Toluene-d8

Concen: 46.385 ug/l

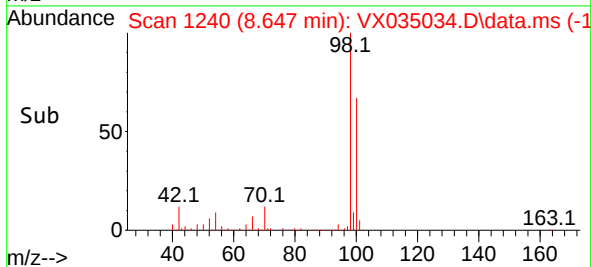
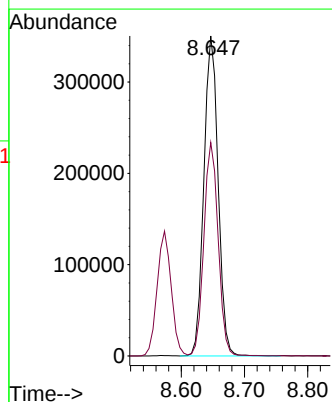
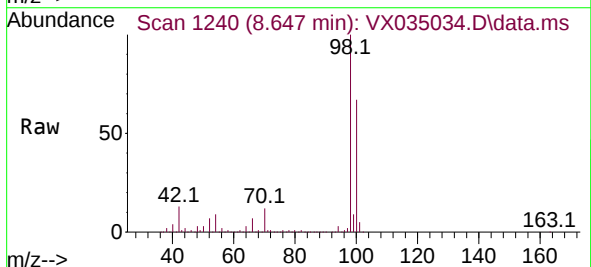
RT: 8.647 min Scan# 1240

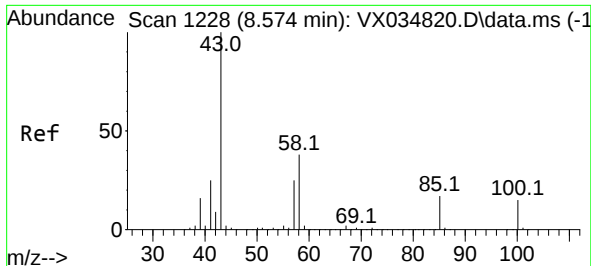
Delta R.T. -0.000 min

Lab File: VX035034.D

Acq: 12 Apr 2023 10:11

Tgt Ion: 98 Resp: 549714
 Ion Ratio Lower Upper
 98 100
 100 66.7 52.5 78.7





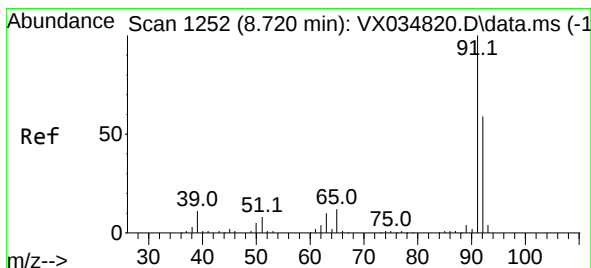
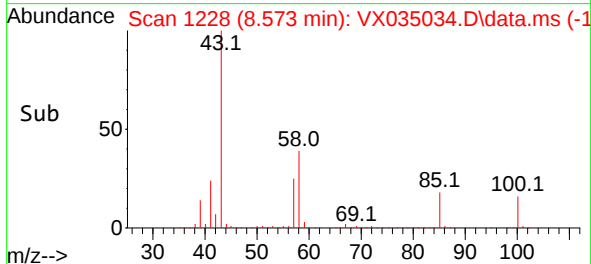
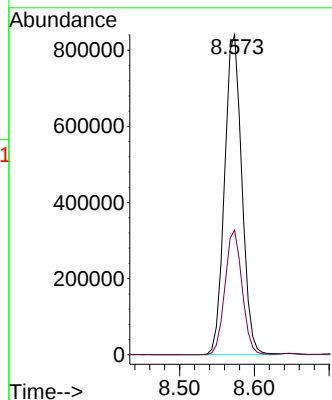
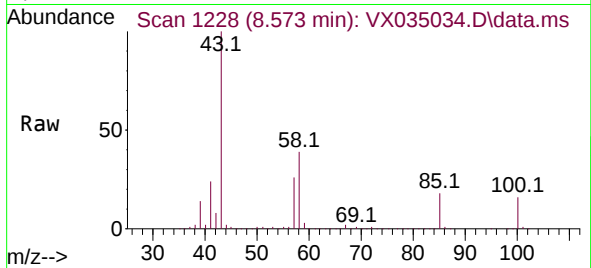
#51
4-Methyl-2-Pentanone
Concen: 274.816 ug/l
RT: 8.573 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035034.D
Acq: 12 Apr 2023 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 135342
Ion Ratio Lower Upper
43 100
58 38.6 30.6 46.0

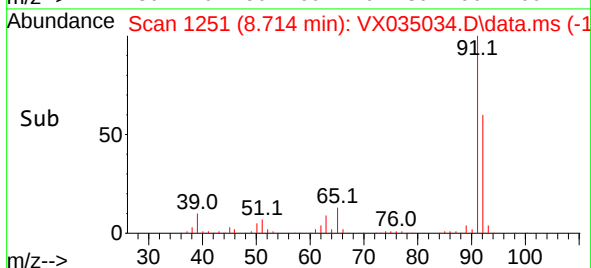
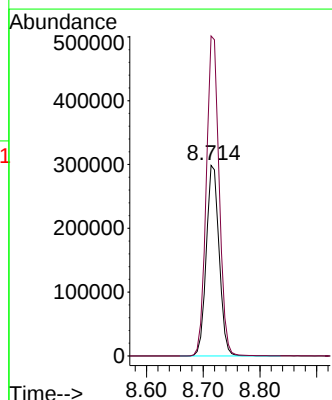
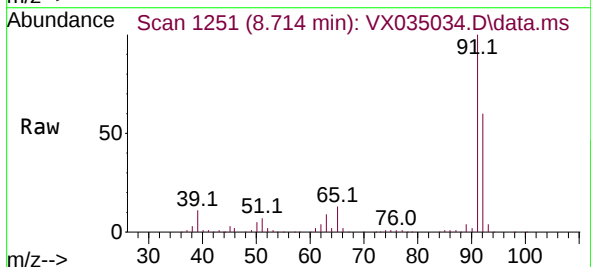
Manual Integrations
APPROVED

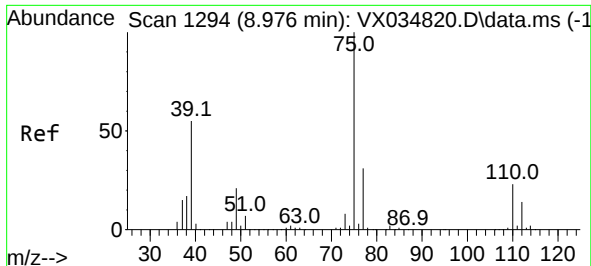
Reviewed By :John Carlone 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#52
Toluene
Concen: 52.816 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX035034.D
Acq: 12 Apr 2023 10:11

Tgt Ion: 92 Resp: 470233
Ion Ratio Lower Upper
92 100
91 167.7 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 59.181 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX035034.D

Acq: 12 Apr 2023 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 28791

Ion Ratio Lower Upper

75 100

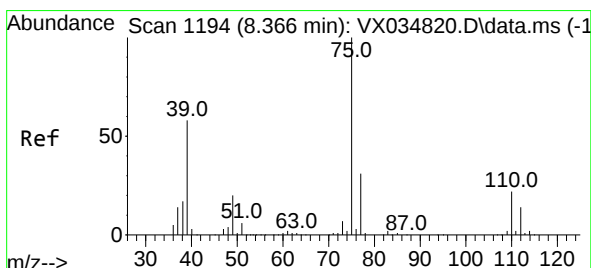
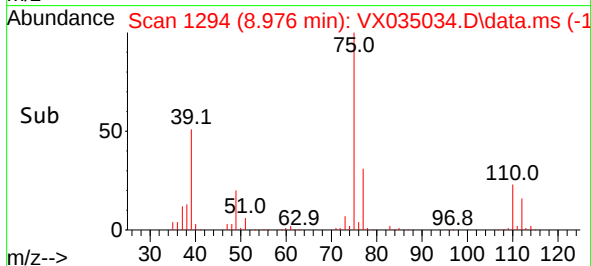
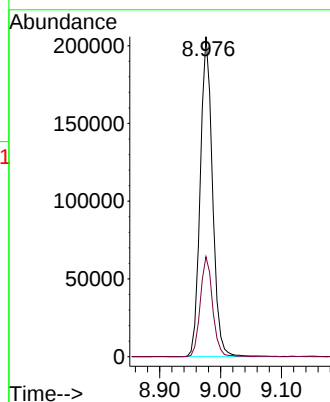
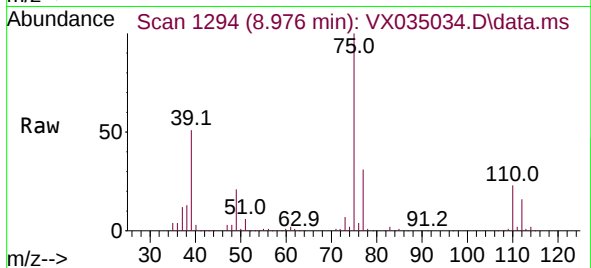
77 31.2 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#54

cis-1,3-Dichloropropene

Concen: 59.070 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX035034.D

Acq: 12 Apr 2023 10:11

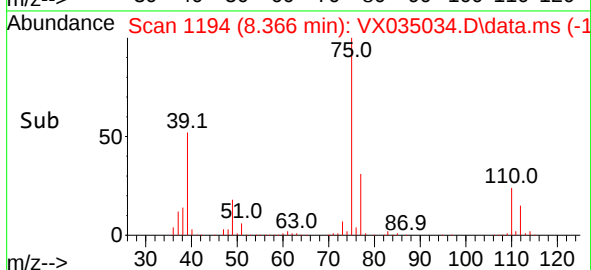
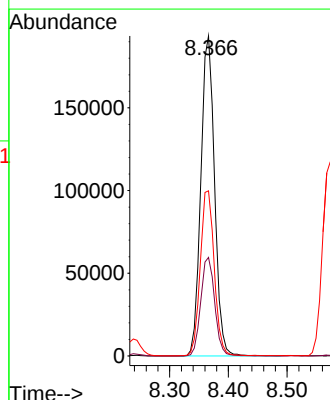
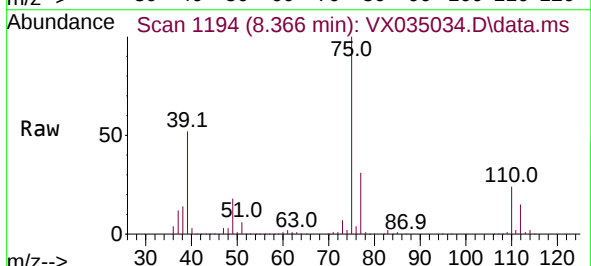
Tgt Ion: 75 Resp: 314486

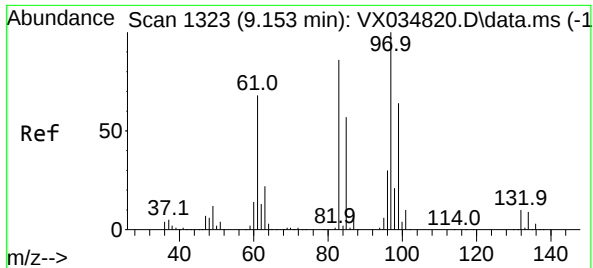
Ion Ratio Lower Upper

75 100

77 30.8 25.0 37.4

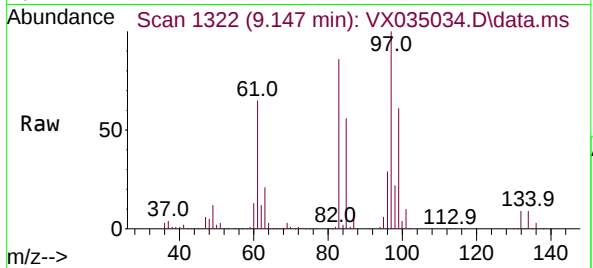
39 51.5 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 56.270 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.006 min
Lab File: VX035034.D
Acq: 12 Apr 2023 10:11

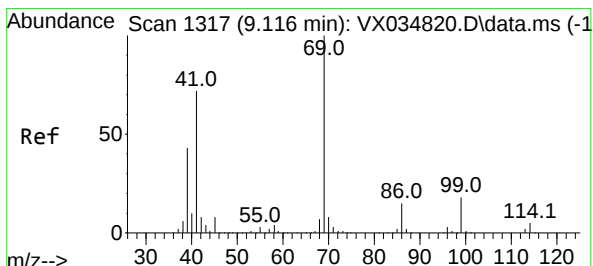
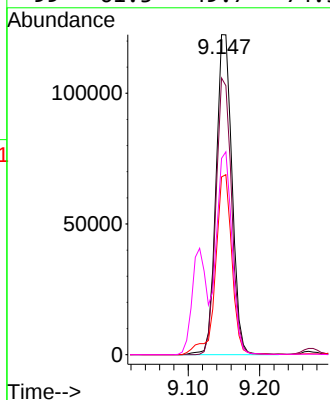
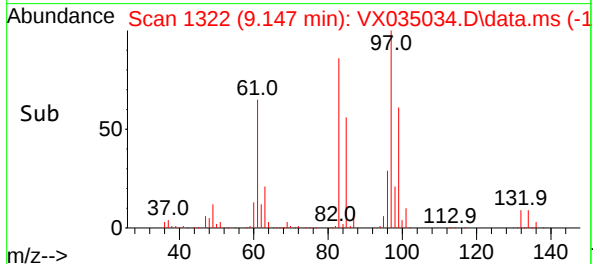
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



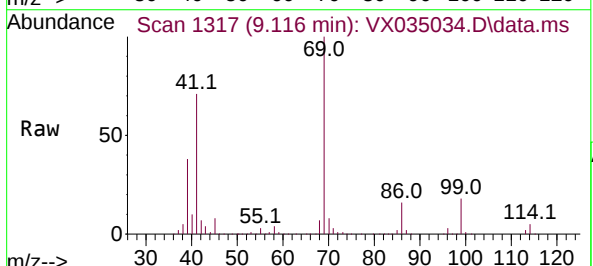
Tgt Ion: 97 Resp: 18961
Ion Ratio Lower Upper
97 100
83 86.4 69.7 104.5
85 55.6 43.7 65.5
99 61.3 49.7 74.5

Manual Integrations
APPROVED

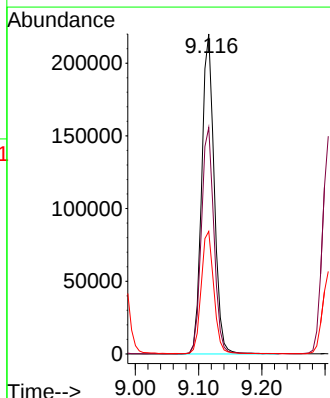
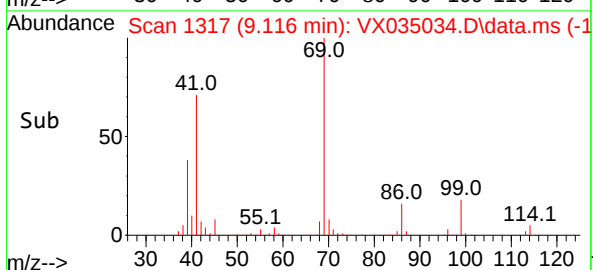
Reviewed By :John Carlone 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

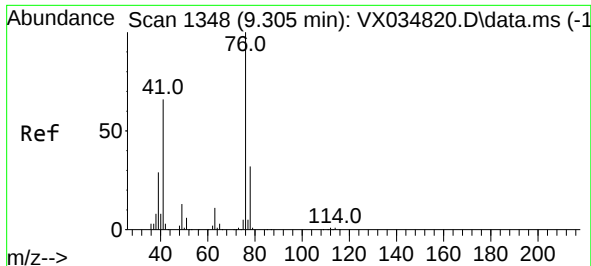


#56
Ethyl methacrylate
Concen: 57.298 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX035034.D
Acq: 12 Apr 2023 10:11



Tgt Ion: 69 Resp: 302510
Ion Ratio Lower Upper
69 100
41 71.5 57.4 86.0
39 38.8 33.7 50.5





#57

1,3-Dichloropropane

Concen: 54.958 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX035034.D

Acq: 12 Apr 2023 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 32796

Ion Ratio Lower Upper

76 100

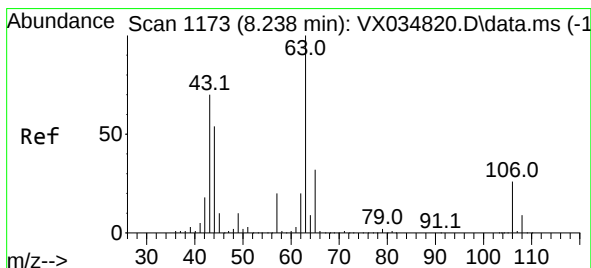
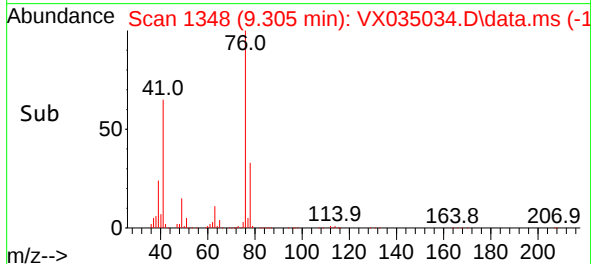
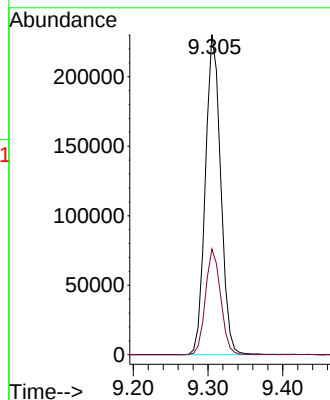
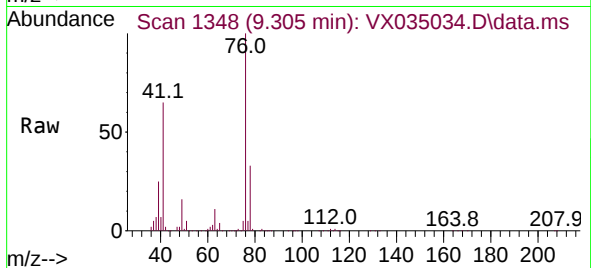
78 32.7 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#58

2-Chloroethyl Vinyl ether

Concen: 269.540 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX035034.D

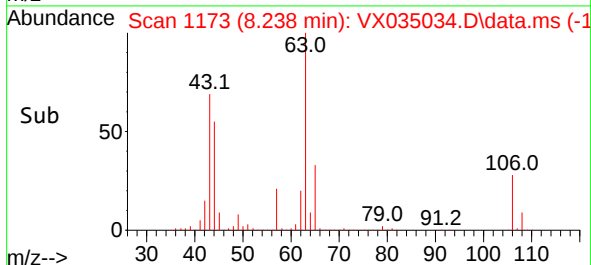
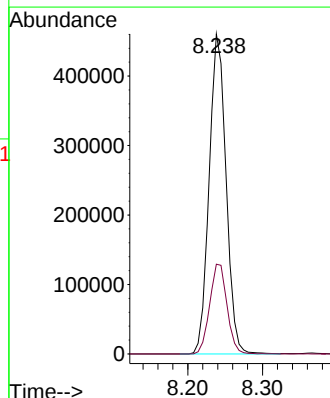
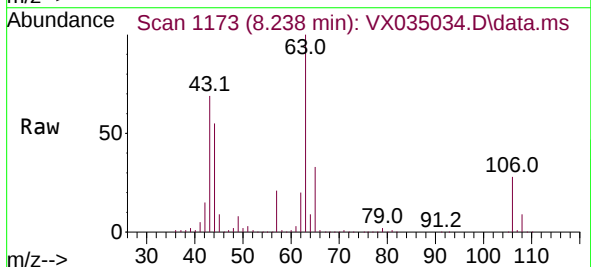
Acq: 12 Apr 2023 10:11

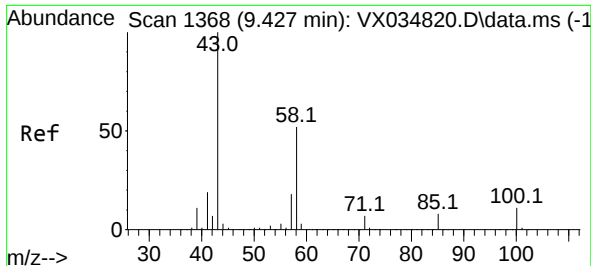
Tgt Ion: 63 Resp: 724585

Ion Ratio Lower Upper

63 100

106 28.8 22.2 33.2





#59

2-Hexanone

Concen: 278.368 ug/l

RT: 9.427 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX035034.D

Acq: 12 Apr 2023 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 103690

Ion Ratio Lower Upper

43 100

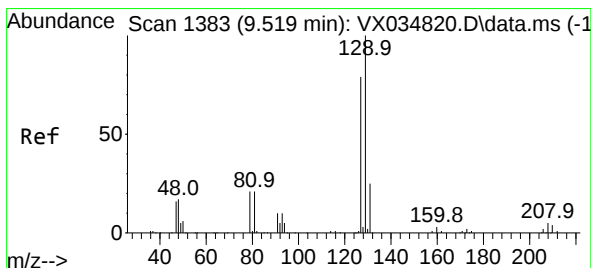
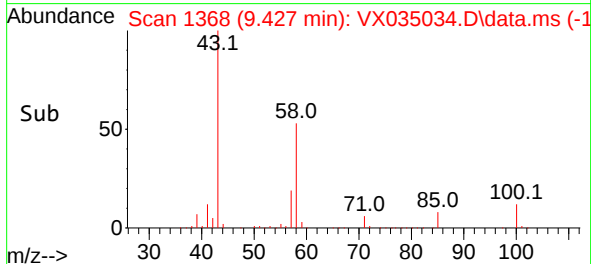
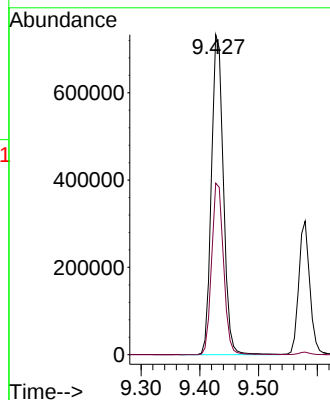
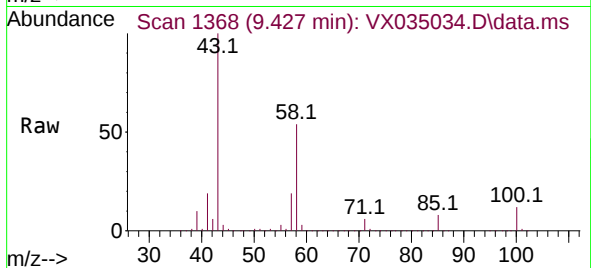
58 53.6 26.3 78.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#60

Dibromochloromethane

Concen: 60.461 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX035034.D

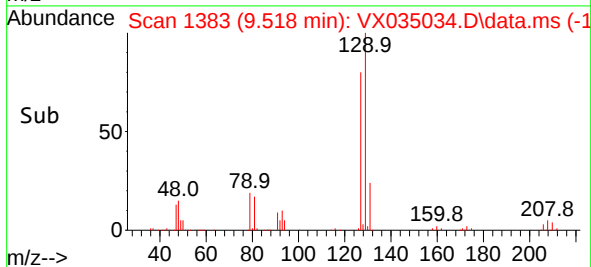
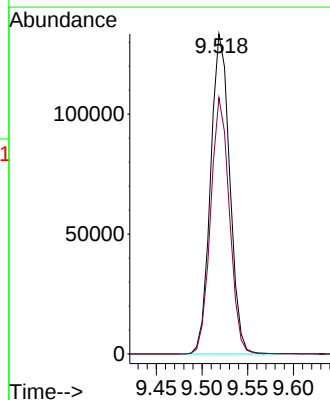
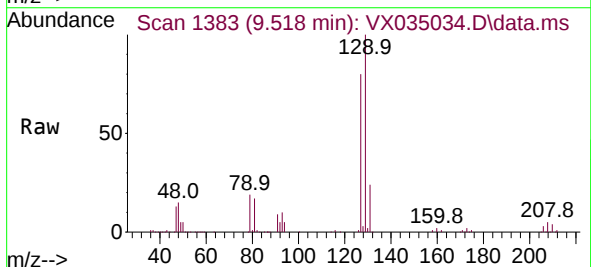
Acq: 12 Apr 2023 10:11

Tgt Ion:129 Resp: 194076

Ion Ratio Lower Upper

129 100

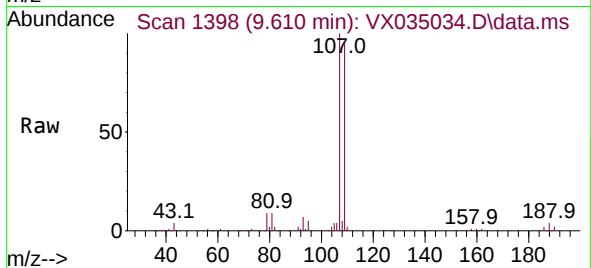
127 78.6 39.0 117.0





#61
1,2-Dibromoethane
Concen: 55.423 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX035034.D
Acq: 12 Apr 2023 10:11

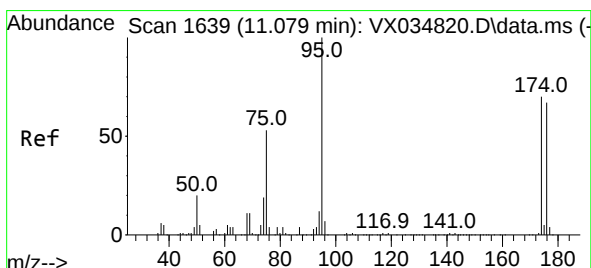
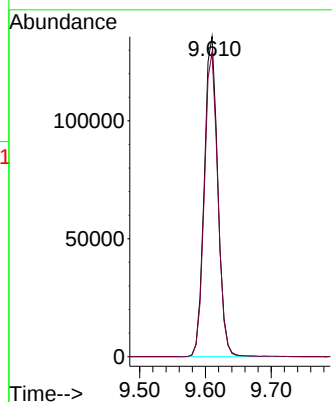
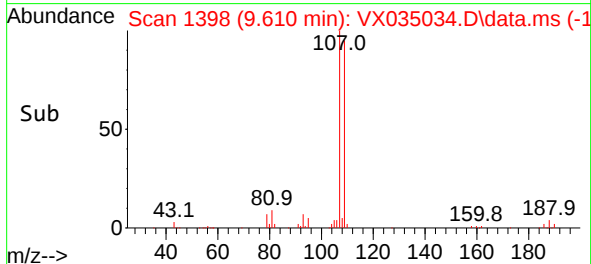
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 19420
Ion Ratio Lower Upper
107 100
109 95.2 75.3 112.9

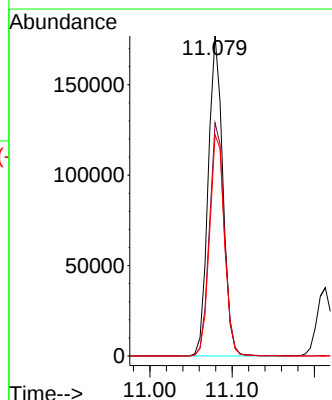
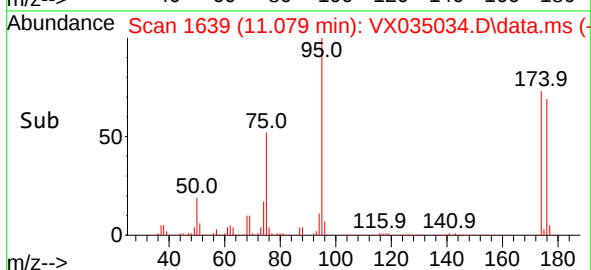
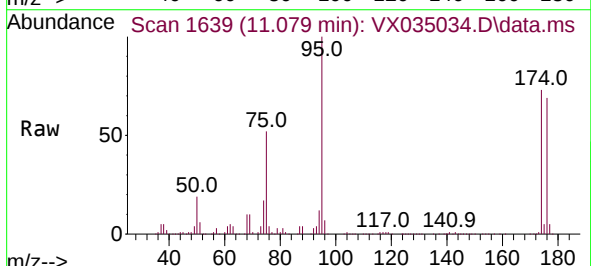
Manual Integrations
APPROVED

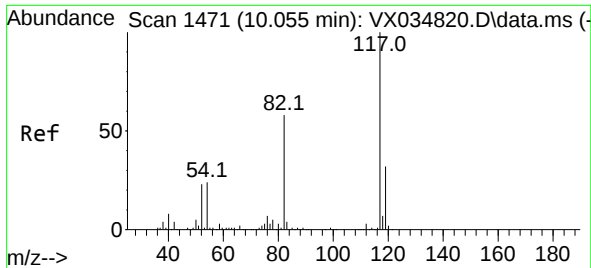
Reviewed By :John Carlone 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#62
4-Bromofluorobenzene
Concen: 47.622 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035034.D
Acq: 12 Apr 2023 10:11

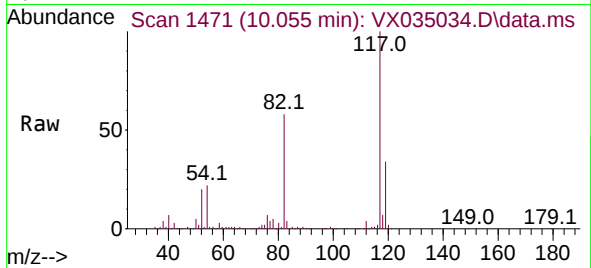
Tgt Ion: 95 Resp: 218395
Ion Ratio Lower Upper
95 100
174 74.3 0.0 147.4
176 70.5 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035034.D
Acq: 12 Apr 2023 10:11

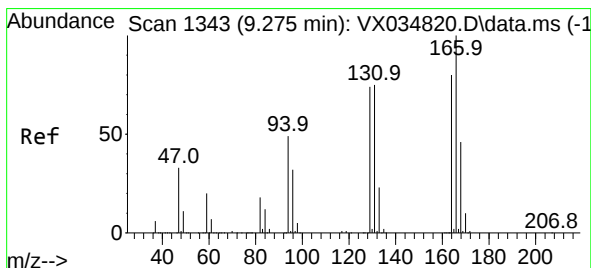
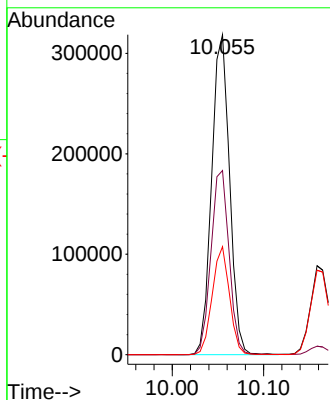
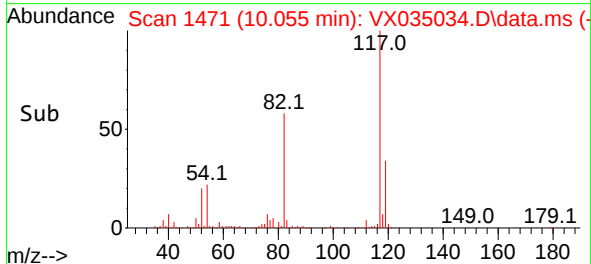
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 43333
Ion Ratio Lower Upper
117 100
82 57.6 45.0 67.4
119 33.8 26.0 39.0

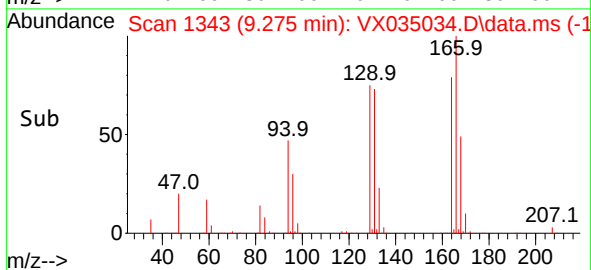
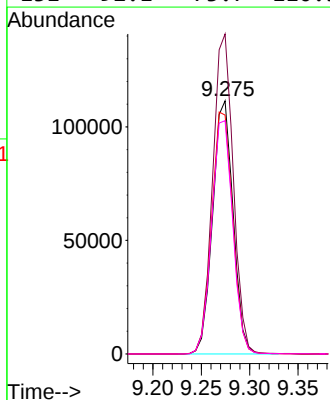
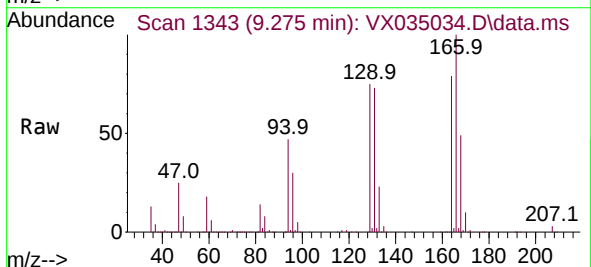
Manual Integrations
APPROVED

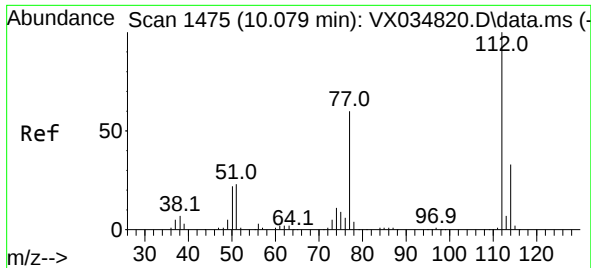
Reviewed By :John Carlone 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#64
Tetrachloroethene
Concen: 52.809 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX035034.D
Acq: 12 Apr 2023 10:11

Tgt Ion:164 Resp: 163768
Ion Ratio Lower Upper
164 100
166 126.4 102.7 154.1
129 94.4 75.6 113.4
131 92.1 73.7 110.5





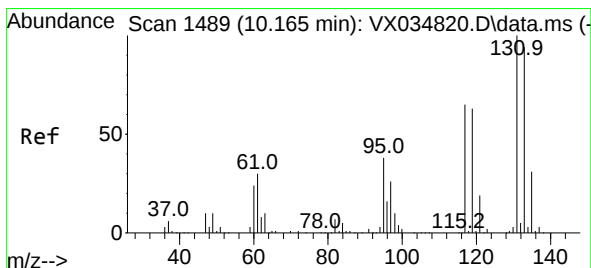
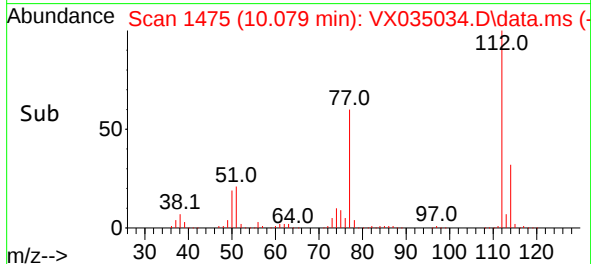
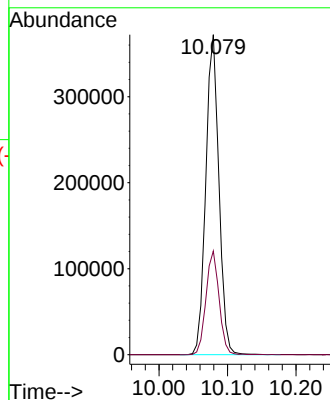
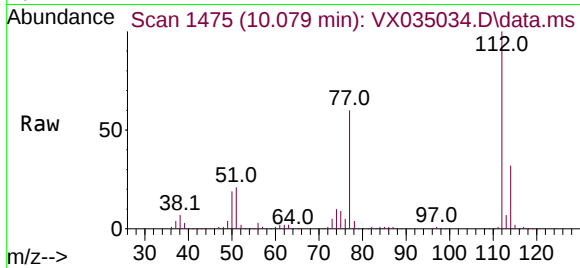
#65
Chlorobenzene
Concen: 55.037 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX035034.D
Acq: 12 Apr 2023 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 496215
Ion Ratio Lower Upper
112 100
114 32.4 26.2 39.2

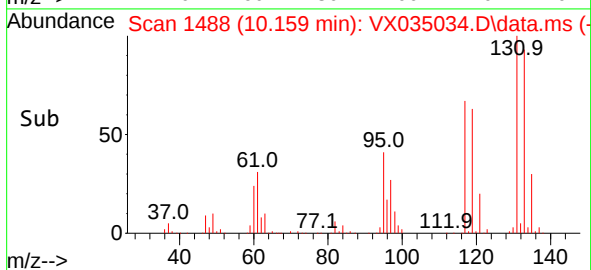
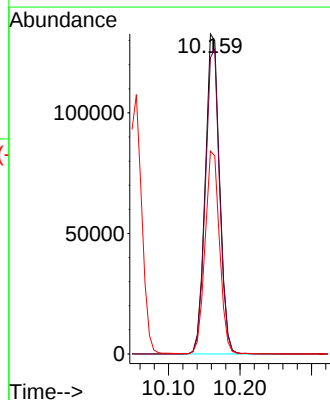
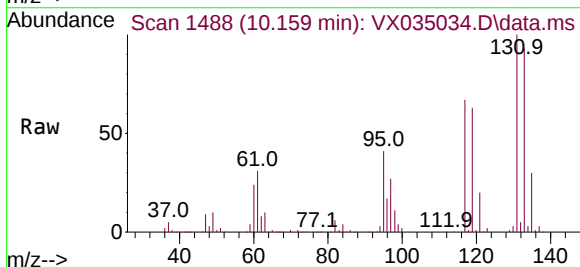
Manual Integrations
APPROVED

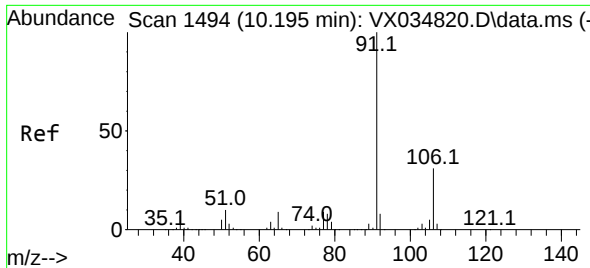
Reviewed By :John Carlone 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 59.770 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX035034.D
Acq: 12 Apr 2023 10:11

Tgt Ion:131 Resp: 185304
Ion Ratio Lower Upper
131 100
133 94.6 47.1 141.4
119 64.1 32.6 98.0





#67

Ethyl Benzene

Concen: 55.316 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX035034.D

Acq: 12 Apr 2023 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 903488

Ion Ratio Lower Upper

91 100

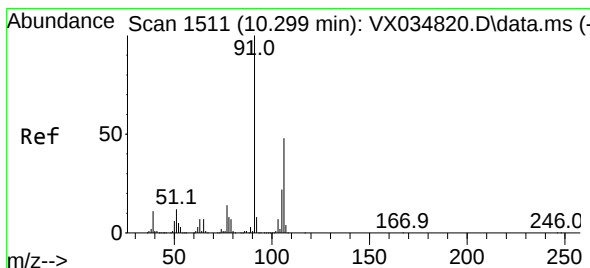
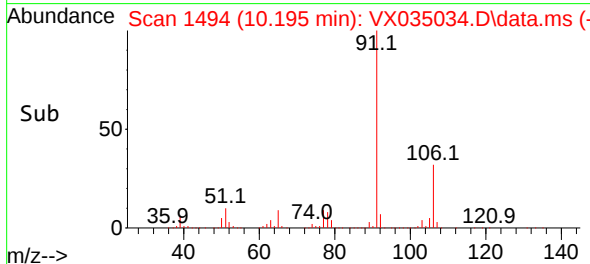
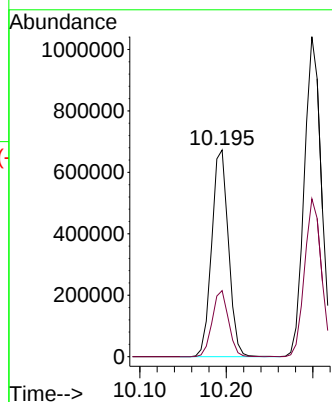
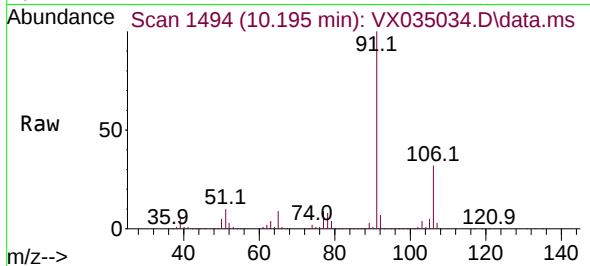
106 32.0 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#68

m/p-Xylenes

Concen: 111.613 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX035034.D

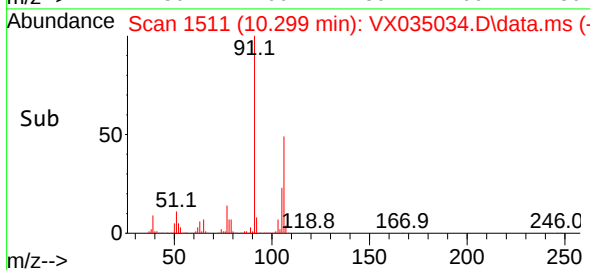
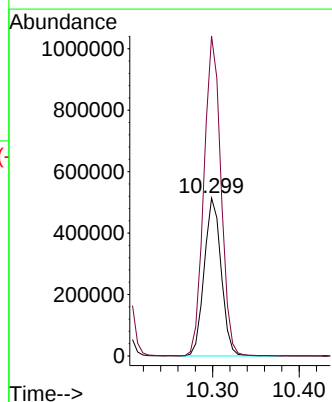
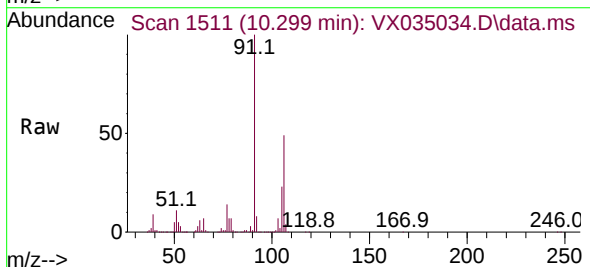
Acq: 12 Apr 2023 10:11

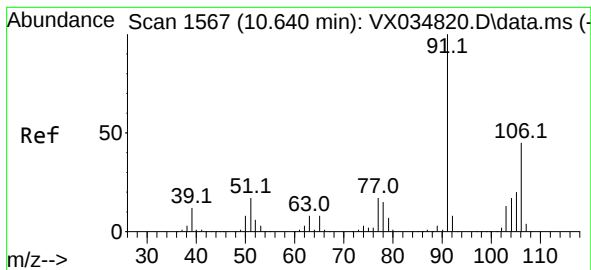
Tgt Ion:106 Resp: 696366

Ion Ratio Lower Upper

106 100

91 203.9 164.0 246.0





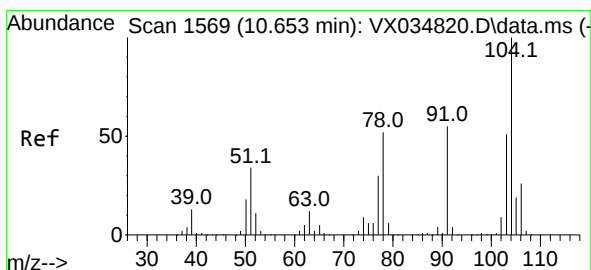
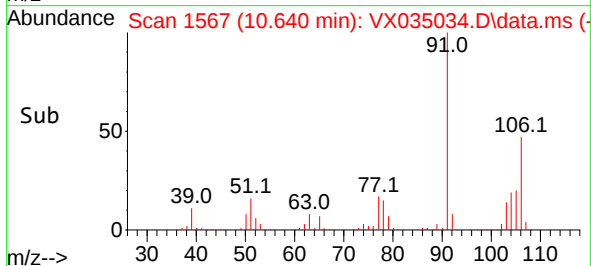
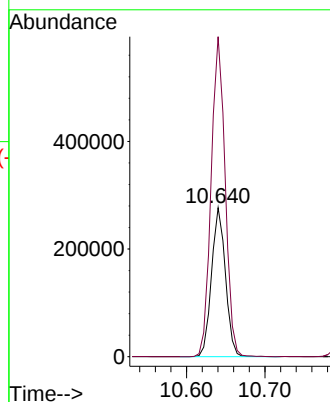
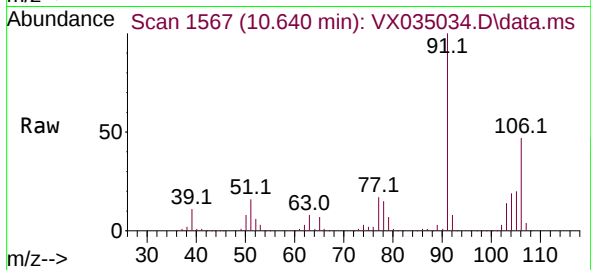
#69
o-Xylene
Concen: 55.741 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX035034.D
Acq: 12 Apr 2023 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 340691
Ion Ratio Lower Upper
106 100
91 216.1 108.5 325.3

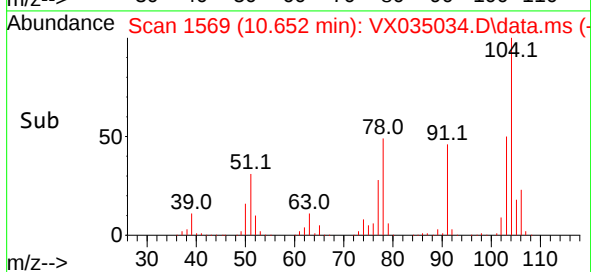
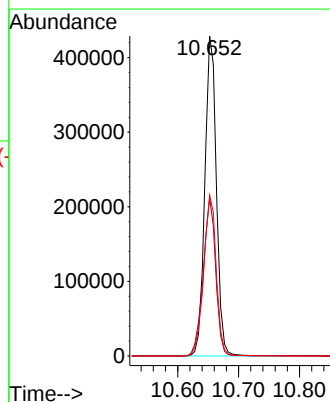
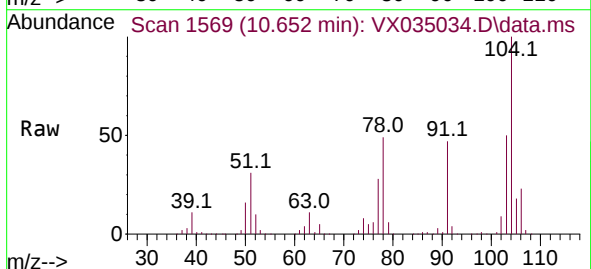
Manual Integrations
APPROVED

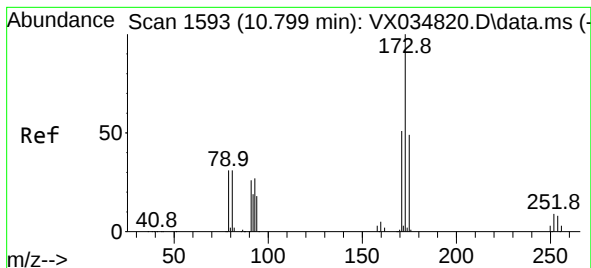
Reviewed By :John Carlone 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#70
Styrene
Concen: 58.162 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.001 min
Lab File: VX035034.D
Acq: 12 Apr 2023 10:11

Tgt Ion:104 Resp: 567482
Ion Ratio Lower Upper
104 100
78 53.5 43.4 65.2
103 54.9 44.2 66.2





#71

Bromoform

Concen: 63.236 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX035034.D

Acq: 12 Apr 2023 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 133340

Ion Ratio Lower Upper

173 100

175 48.0 24.1 72.4

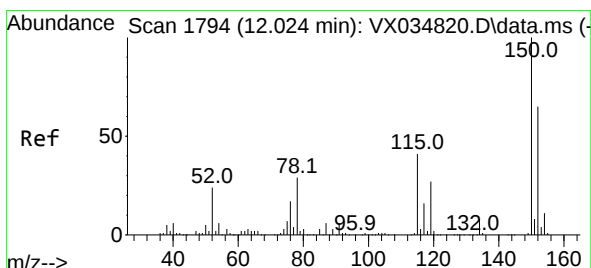
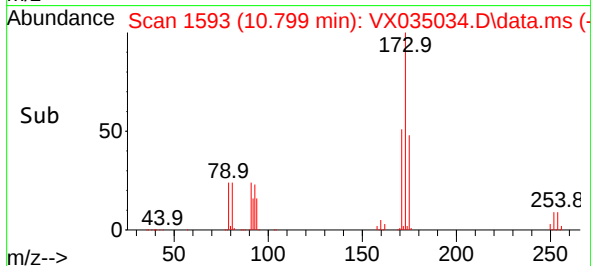
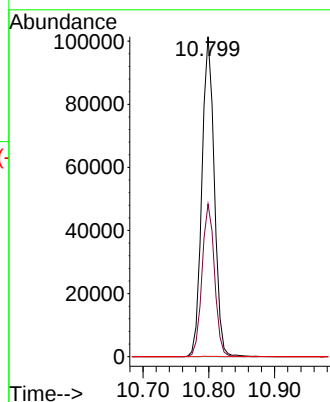
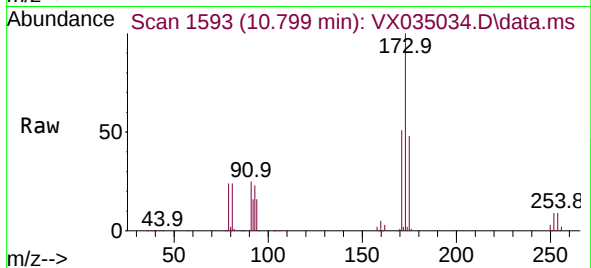
254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX035034.D

Acq: 12 Apr 2023 10:11

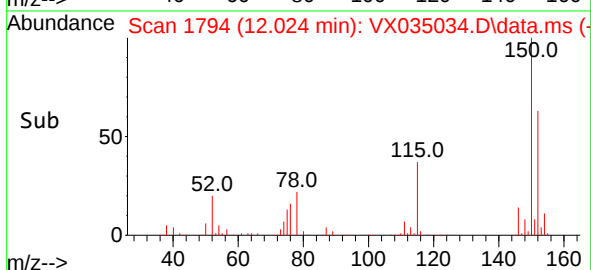
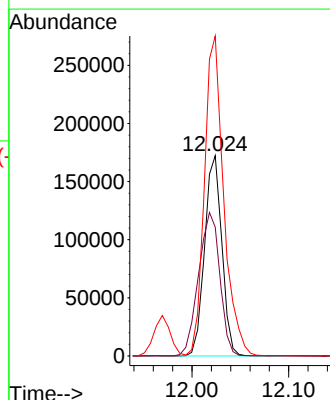
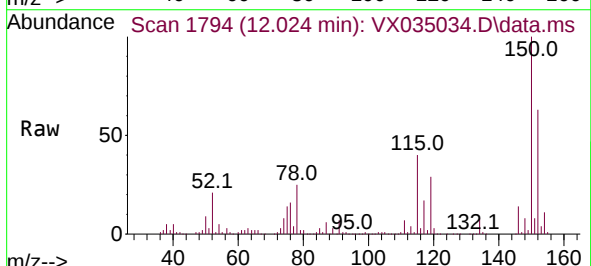
Tgt Ion:152 Resp: 214112

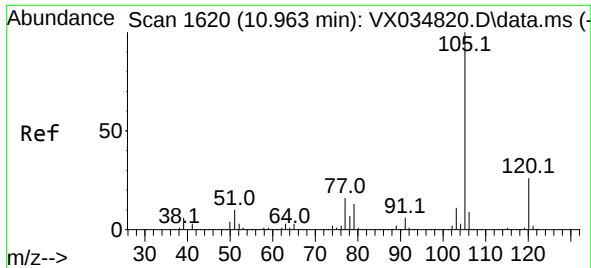
Ion Ratio Lower Upper

152 100

115 88.5 45.0 135.0

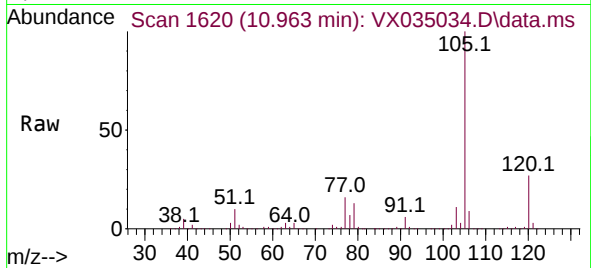
150 178.4 0.0 352.4





#73
Isopropylbenzene
Concen: 56.421 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX035034.D
Acq: 12 Apr 2023 10:11

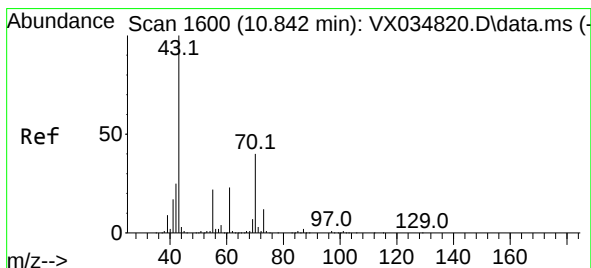
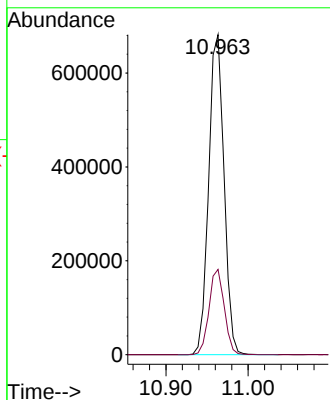
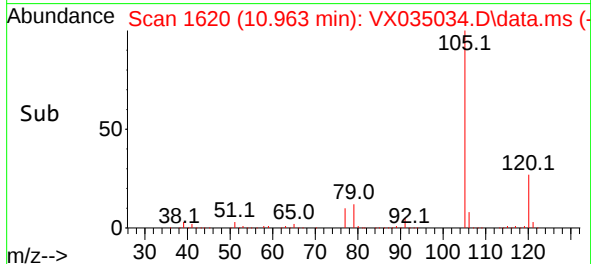
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



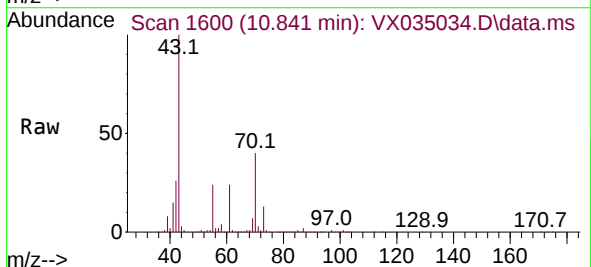
Tgt Ion:105 Resp: 884894
Ion Ratio Lower Upper
105 100
120 26.4 13.3 39.9

Manual Integrations
APPROVED

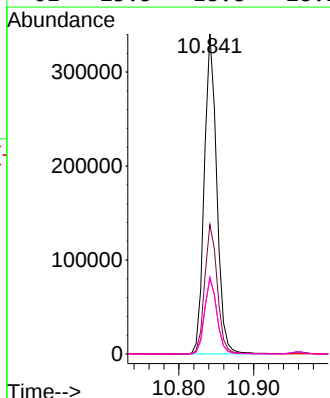
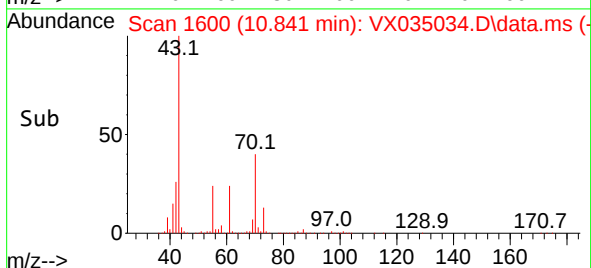
Reviewed By :John Carlone 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

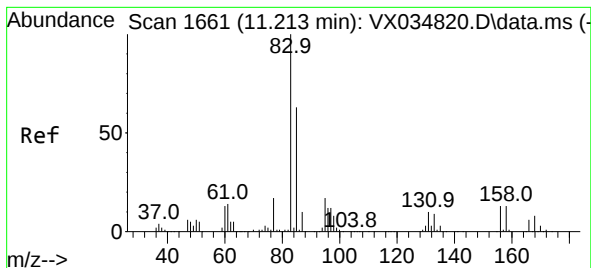


#74
N-ethyl acetate
Concen: 55.974 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.001 min
Lab File: VX035034.D
Acq: 12 Apr 2023 10:11



Tgt Ion: 43 Resp: 394709
Ion Ratio Lower Upper
43 100
70 41.2 32.1 48.1
55 23.9 18.3 27.5
61 23.5 18.8 28.2





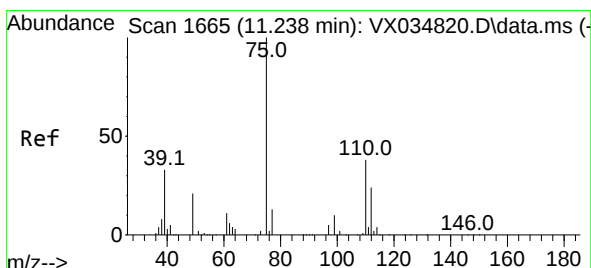
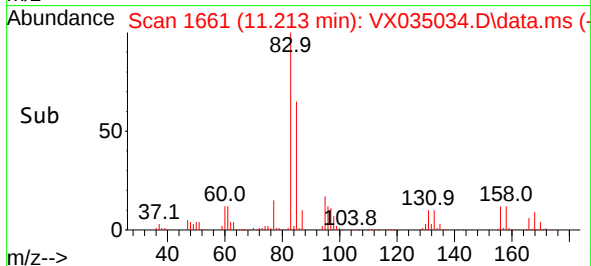
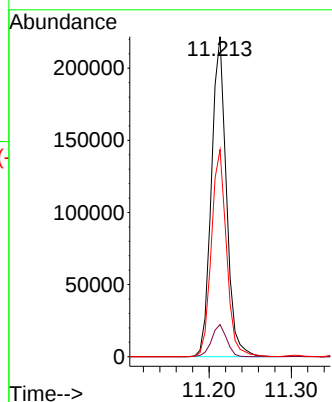
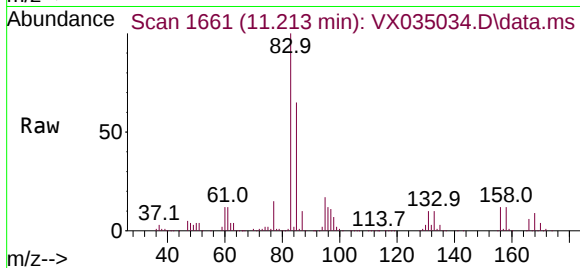
#75
1,1,2,2-Tetrachloroethane
Concen: 54.621 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035034.D
Acq: 12 Apr 2023 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 280772
Ion Ratio Lower Upper
83 100
131 10.1 4.8 14.3
85 65.4 32.0 96.0

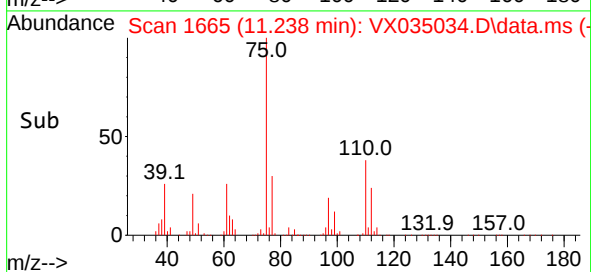
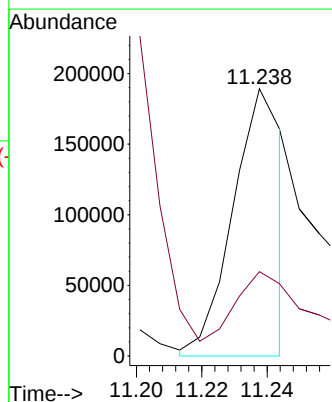
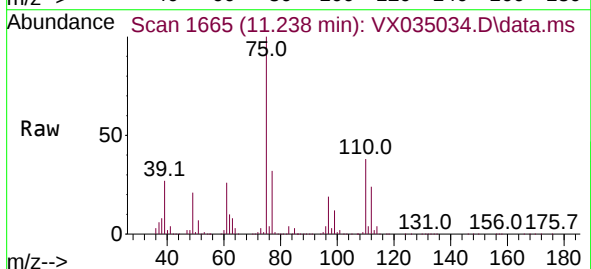
Manual Integrations
APPROVED

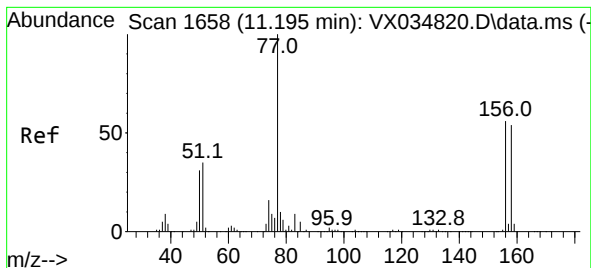
Reviewed By :John Carlone 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#76
1,2,3-Trichloropropane
Concen: 46.433 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX035034.D
Acq: 12 Apr 2023 10:11

Tgt Ion: 75 Resp: 200320
Ion Ratio Lower Upper
75 100
77 49.9 21.6 64.8





#77

Bromobenzene

Concen: 53.846 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX035034.D

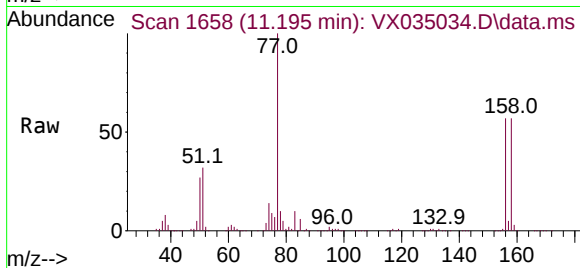
Acq: 12 Apr 2023 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion:156 Resp: 20925

Ion Ratio Lower Upper

156 100

77 171.9 86.7 259.9

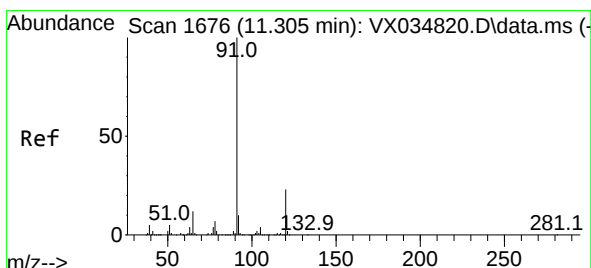
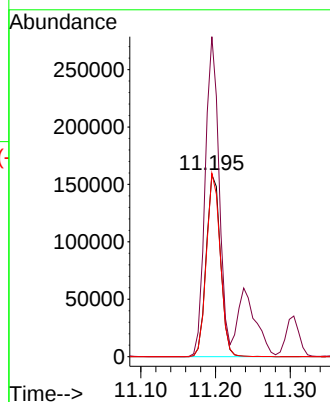
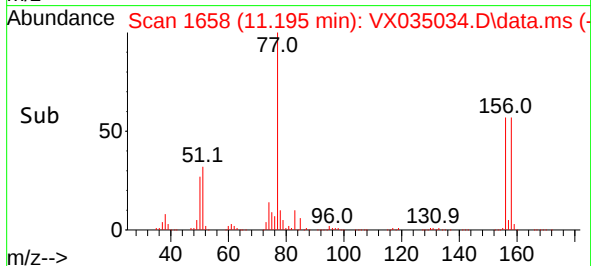
158 98.3 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#78

n-propylbenzene

Concen: 56.220 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX035034.D

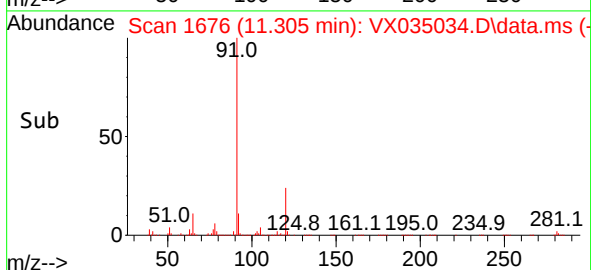
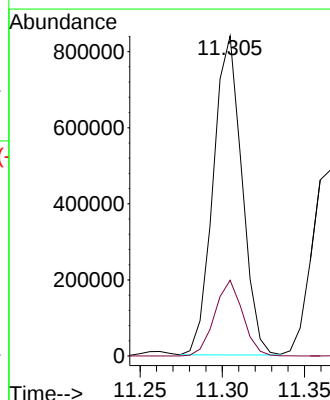
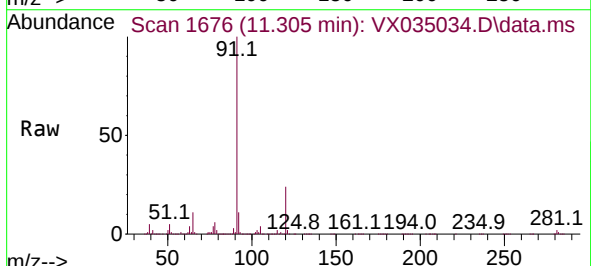
Acq: 12 Apr 2023 10:11

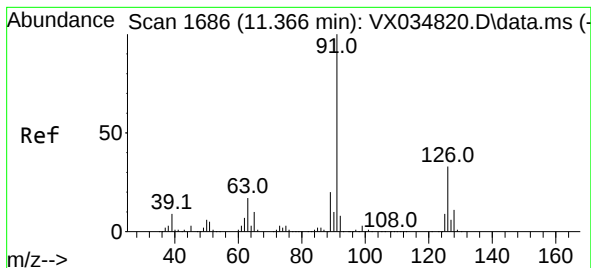
Tgt Ion: 91 Resp: 1018588

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.5





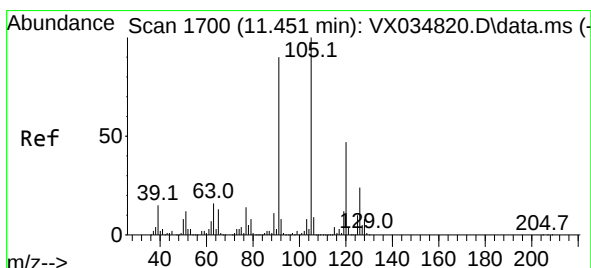
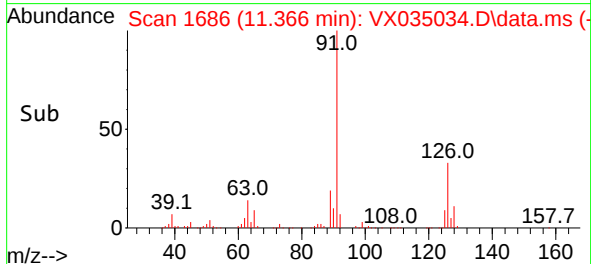
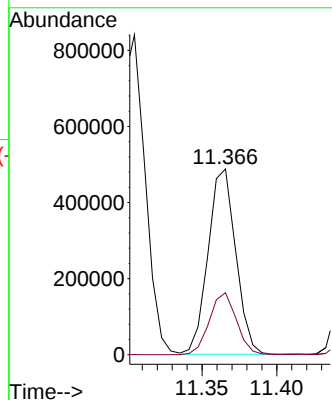
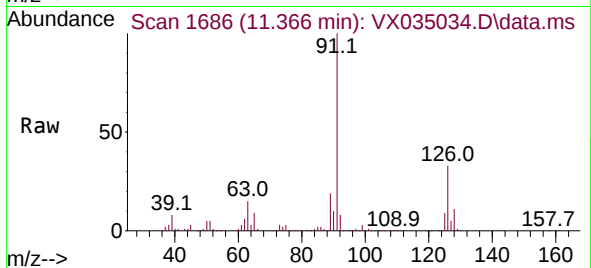
#79
2-Chlorotoluene
Concen: 54.755 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX035034.D
Acq: 12 Apr 2023 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 62636
Ion Ratio Lower Upper
91 100
126 32.7 16.3 48.9

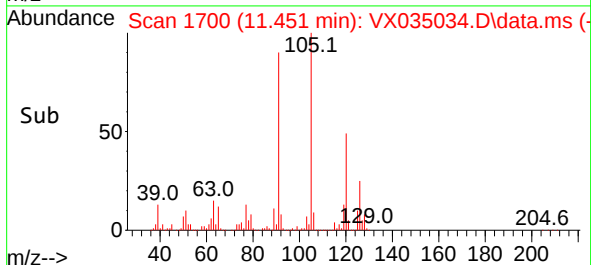
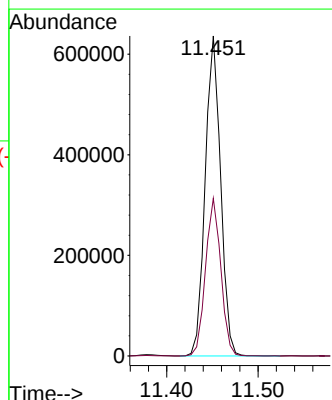
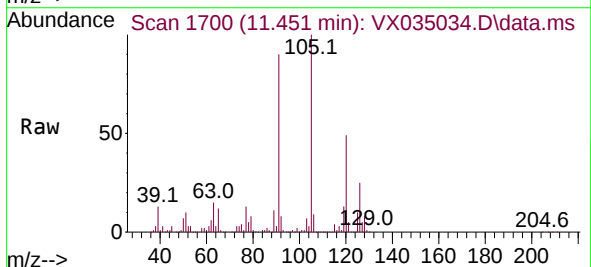
Manual Integrations
APPROVED

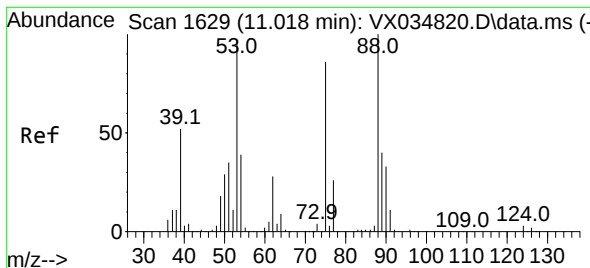
Reviewed By :John Carlone 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#80
1,3,5-Trimethylbenzene
Concen: 56.515 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035034.D
Acq: 12 Apr 2023 10:11

Tgt Ion:105 Resp: 741104
Ion Ratio Lower Upper
105 100
120 48.9 23.7 71.1





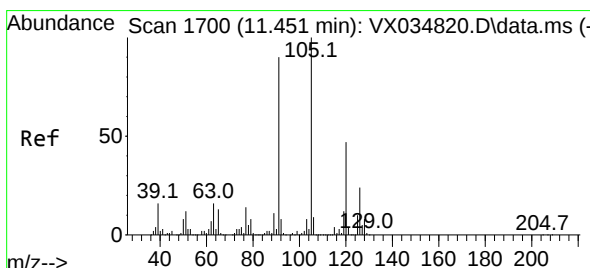
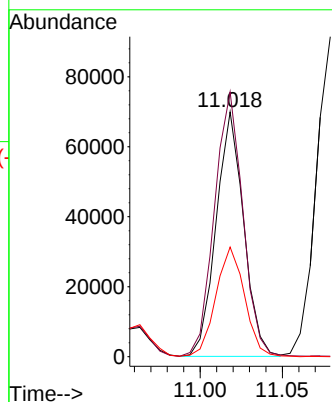
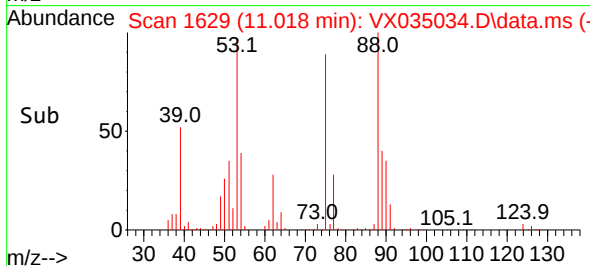
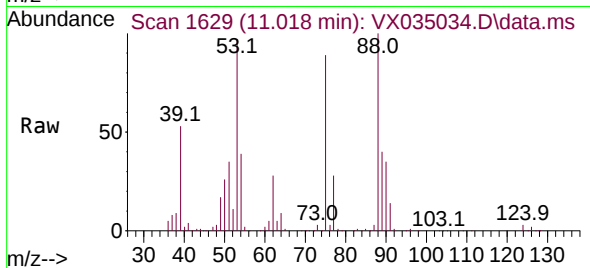
#81
trans-1,4-Dichloro-2-butene
Concen: 56.542 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035034.D
Acq: 12 Apr 2023 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 8139
Ion Ratio Lower Upper
75 100
53 111.5 82.6 124.0
89 46.8 36.9 55.3

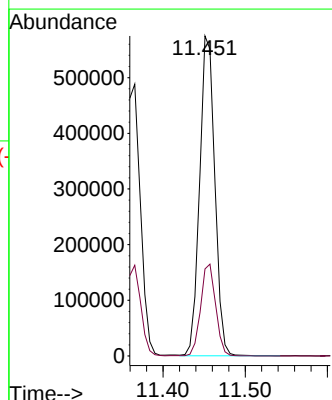
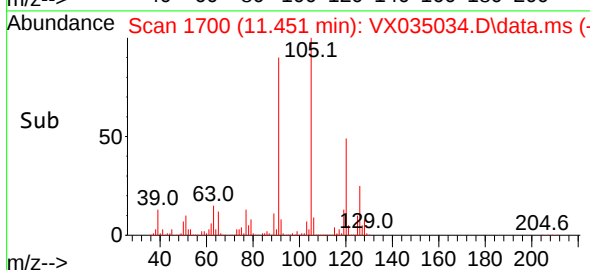
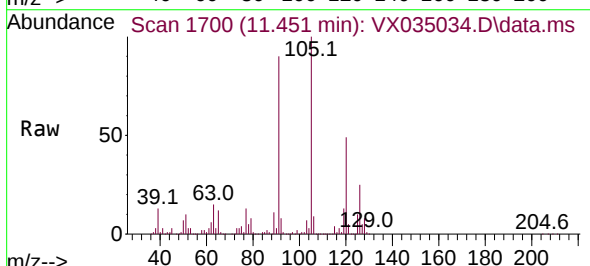
Manual Integrations
APPROVED

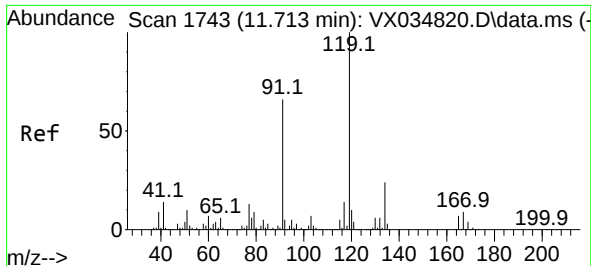
Reviewed By :John Carlone 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#82
4-Chlorotoluene
Concen: 55.483 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035034.D
Acq: 12 Apr 2023 10:11

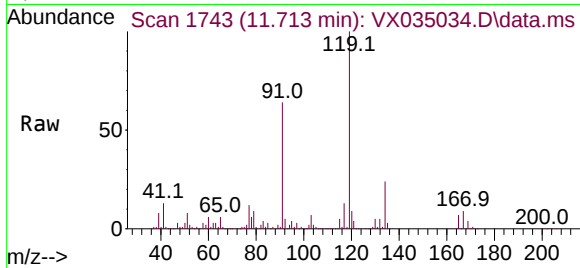
Tgt Ion: 91 Resp: 737033
Ion Ratio Lower Upper
91 100
126 28.5 14.2 42.6





#83
tert-Butylbenzene
Concen: 58.081 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX035034.D
Acq: 12 Apr 2023 10:11

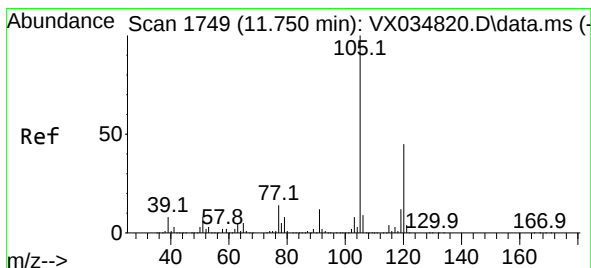
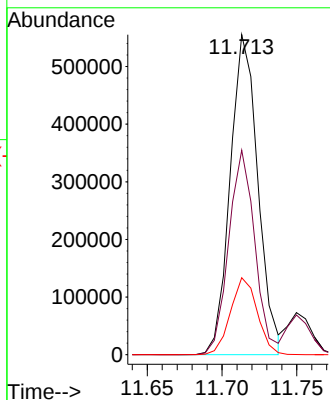
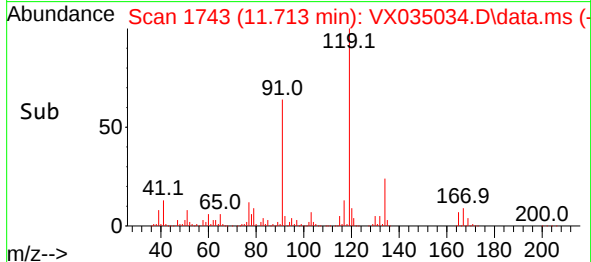
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



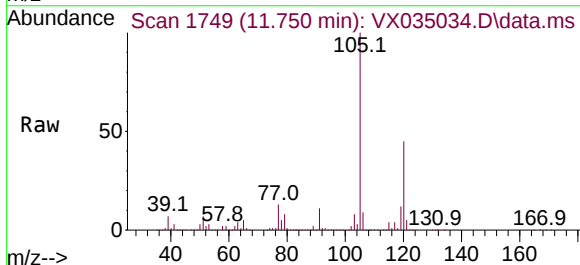
Tgt Ion:119 Resp: 715210
Ion Ratio Lower Upper
119 100
91 60.5 30.6 92.0
134 23.3 11.8 35.4

Manual Integrations
APPROVED

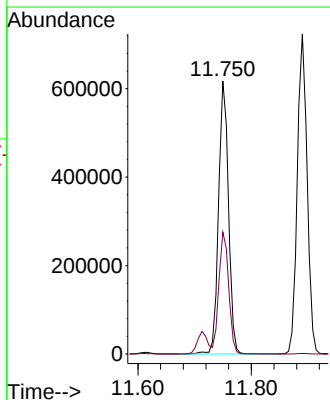
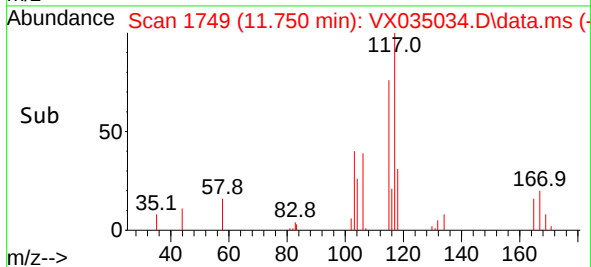
Reviewed By :John Carlone 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

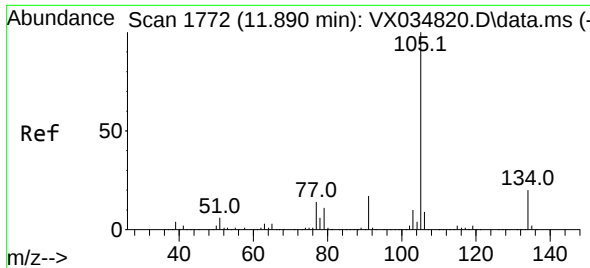


#84
1,2,4-Trimethylbenzene
Concen: 55.955 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX035034.D
Acq: 12 Apr 2023 10:11



Tgt Ion:105 Resp: 746186
Ion Ratio Lower Upper
105 100
120 44.2 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 57.992 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX035034.D
 Acq: 12 Apr 2023 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

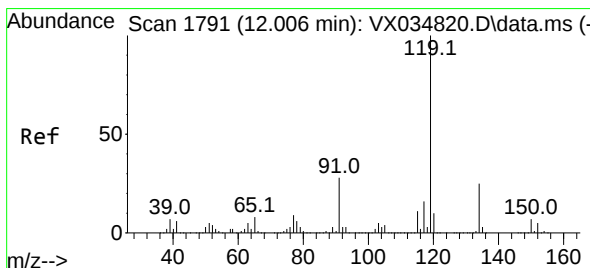
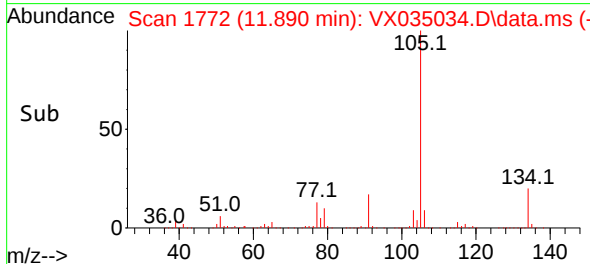
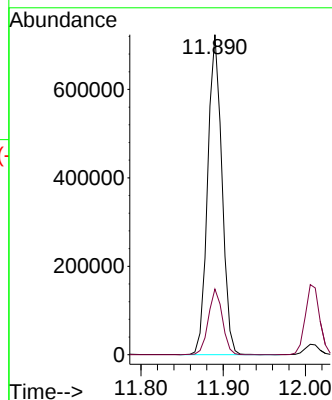
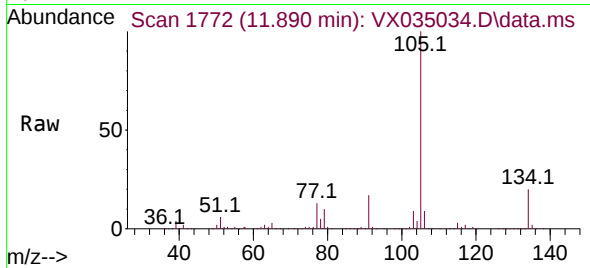
Tgt Ion:105 Resp: 868762
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.2 30.4

Manual Integrations

APPROVED

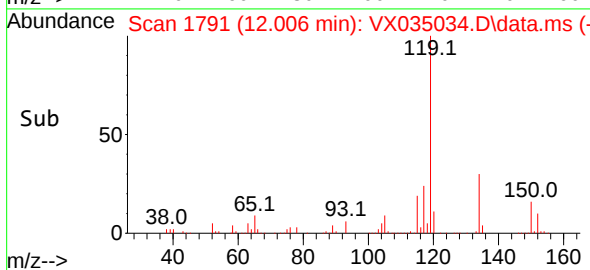
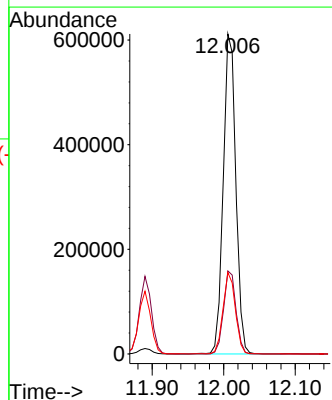
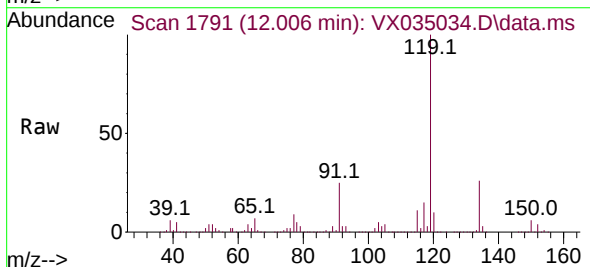
Reviewed By :John Carlone 04/13/2023

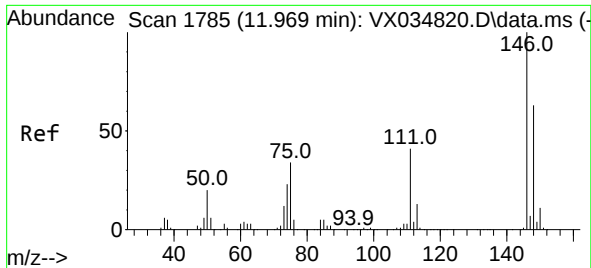
Supervised By :Mahesh Dadoda 04/13/2023



#86
 p-Isopropyltoluene
 Concen: 59.781 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX035034.D
 Acq: 12 Apr 2023 10:11

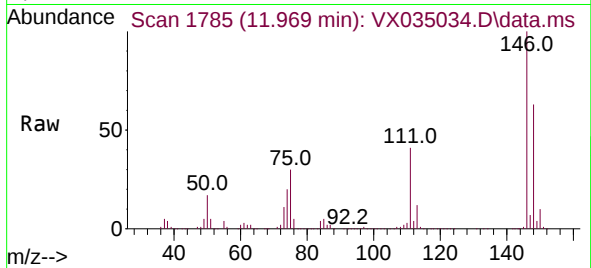
Tgt Ion:119 Resp: 746766
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.2 39.5
 91 25.1 12.9 38.7





#87
1,3-Dichlorobenzene
Concen: 57.093 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX035034.D
Acq: 12 Apr 2023 10:11

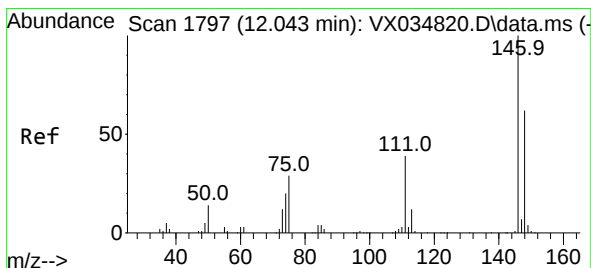
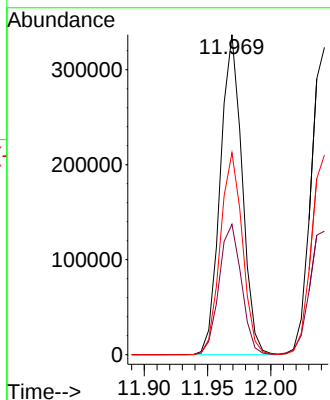
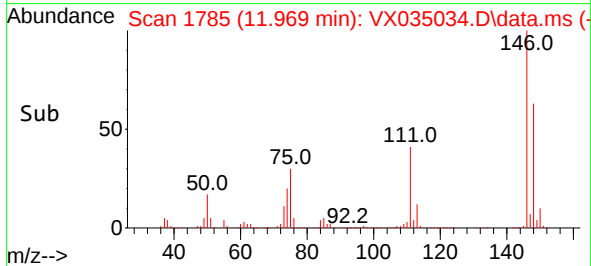
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



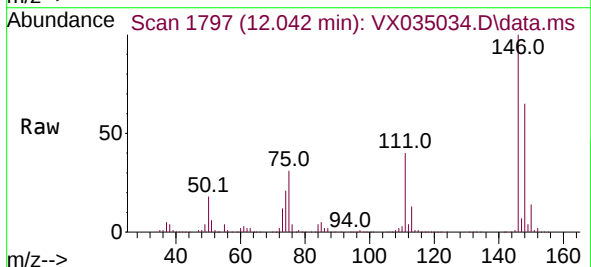
Tgt Ion:146 Resp: 404060
Ion Ratio Lower Upper
146 100
111 41.9 20.9 62.8
148 63.9 31.6 95.0

Manual Integrations
APPROVED

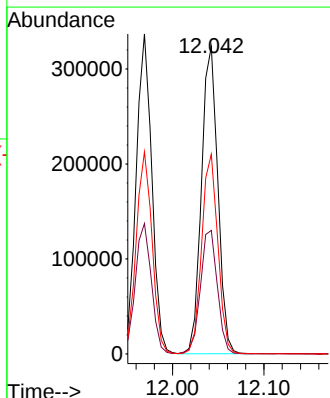
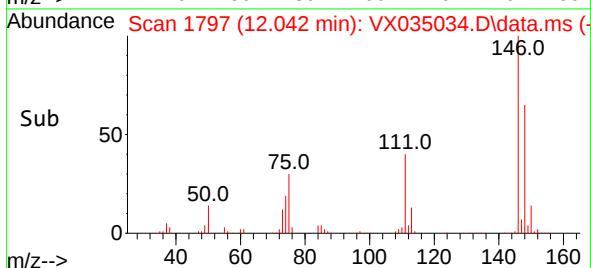
Reviewed By :John Carlone 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

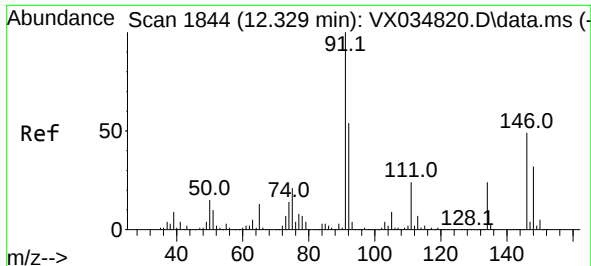


#88
1,4-Dichlorobenzene
Concen: 54.309 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.001 min
Lab File: VX035034.D
Acq: 12 Apr 2023 10:11



Tgt Ion:146 Resp: 401442
Ion Ratio Lower Upper
146 100
111 41.6 20.6 61.9
148 64.1 31.8 95.4





#89

n-Butylbenzene

Concen: 59.273 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX035034.D

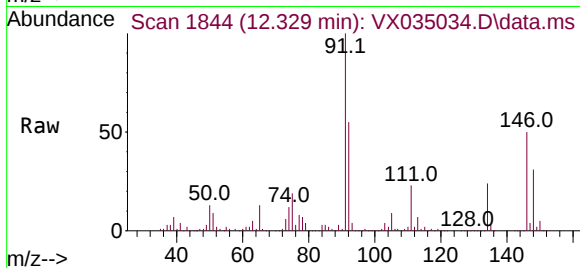
Acq: 12 Apr 2023 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



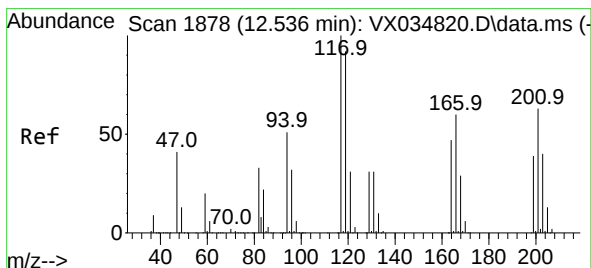
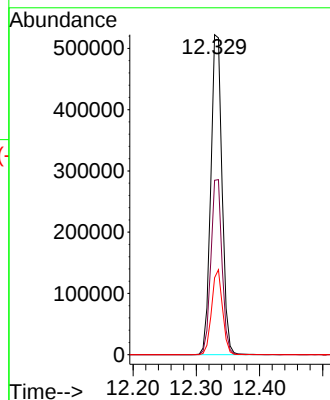
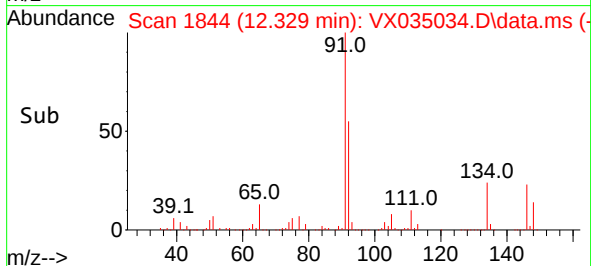
Tgt Ion:	91	Resp:	646898
Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.7	83.0
134	25.7	13.0	38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#90

Hexachloroethane

Concen: 62.834 ug/l

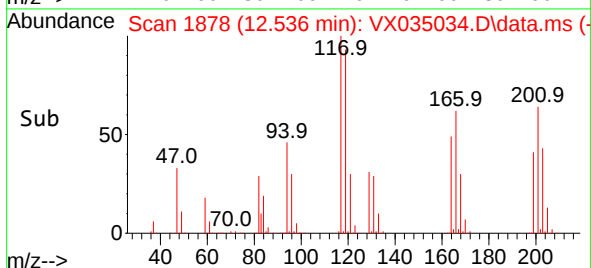
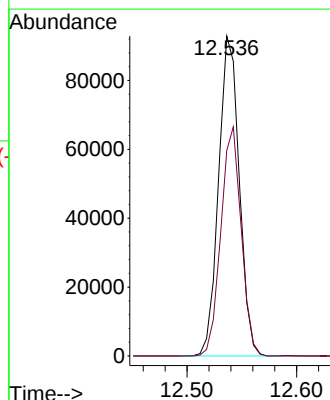
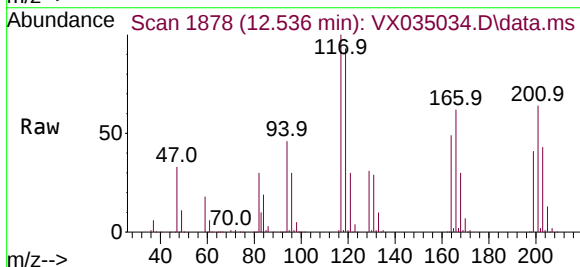
RT: 12.536 min Scan# 1878

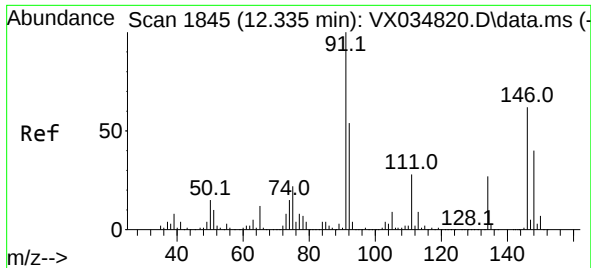
Delta R.T. 0.000 min

Lab File: VX035034.D

Acq: 12 Apr 2023 10:11

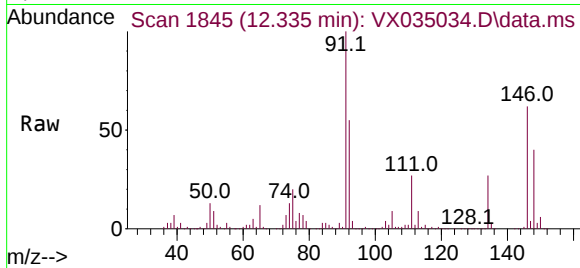
Tgt Ion:	117	Resp:	121609
Ion	Ratio	Lower	Upper
117	100		
201	70.4	34.4	103.1





#91
1,2-Dichlorobenzene
Concen: 56.307 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035034.D
Acq: 12 Apr 2023 10:11

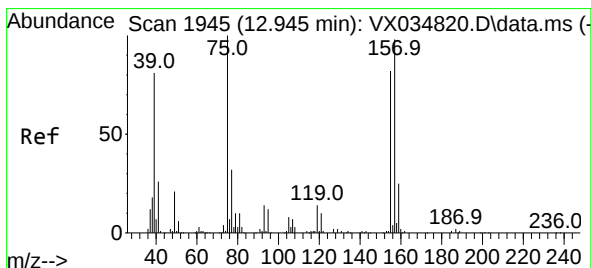
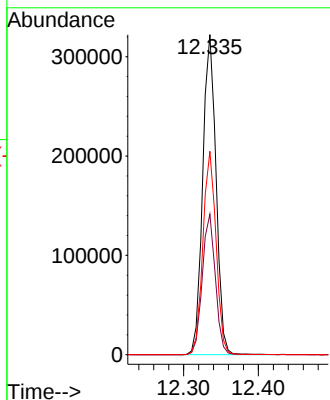
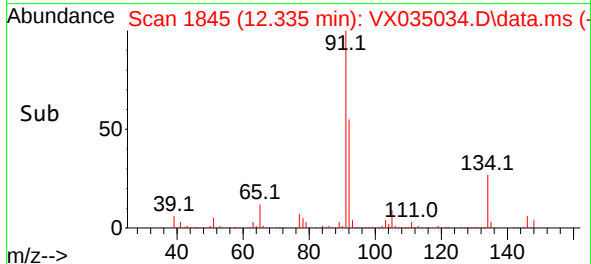
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



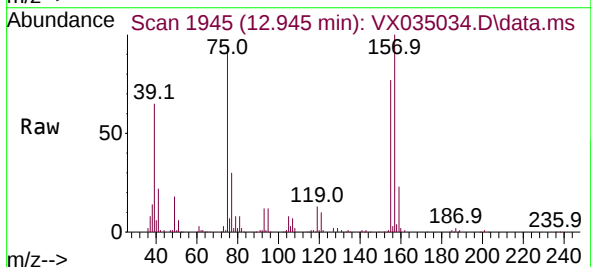
Tgt Ion:146 Resp: 399100
Ion Ratio Lower Upper
146 100
111 43.2 22.0 66.0
148 62.8 32.0 96.0

Manual Integrations
APPROVED

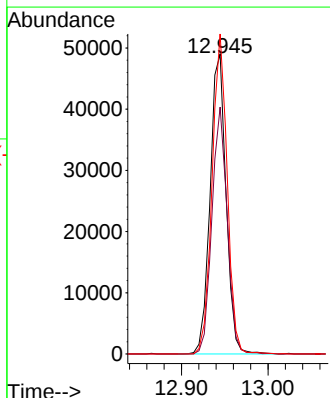
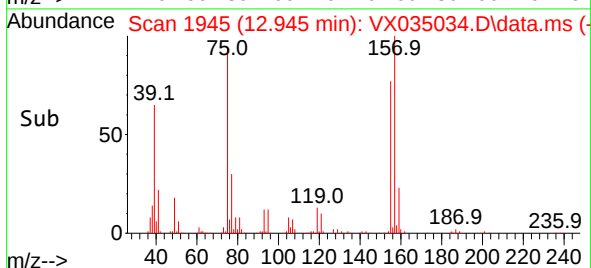
Reviewed By :John Carlone 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

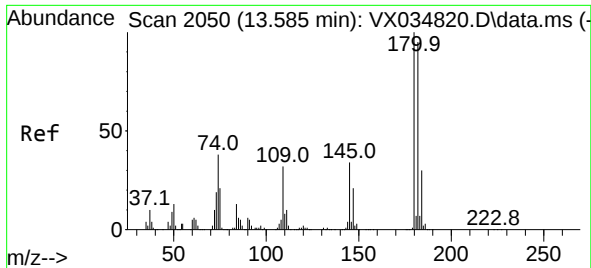


#92
1,2-Dibromo-3-Chloropropane
Concen: 58.481 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX035034.D
Acq: 12 Apr 2023 10:11



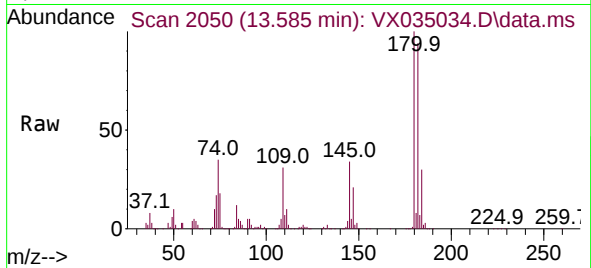
Tgt Ion: 75 Resp: 62748
Ion Ratio Lower Upper
75 100
155 78.9 38.4 115.1
157 100.9 49.9 149.7





#93
1,2,4-Trichlorobenzene
Concen: 60.456 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX035034.D
Acq: 12 Apr 2023 10:11

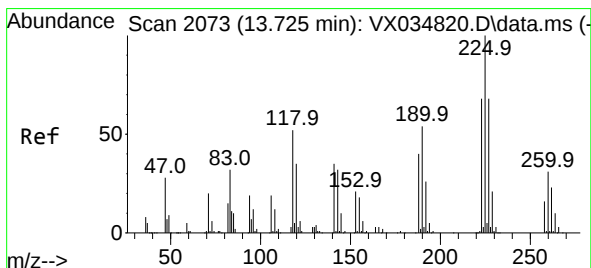
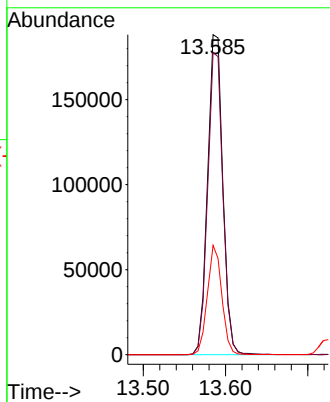
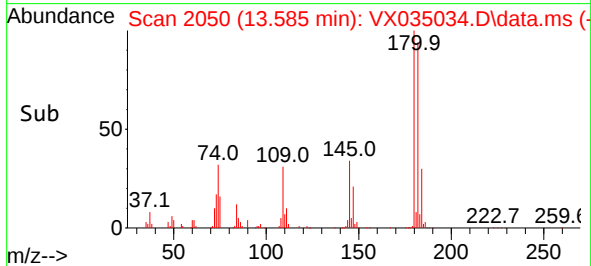
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



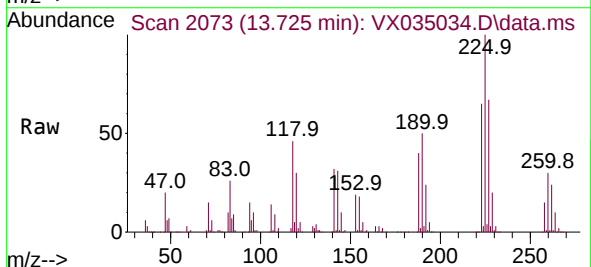
Tgt Ion:180 Resp: 242361
Ion Ratio Lower Upper
180 100
182 94.3 47.0 141.0
145 32.5 15.9 47.7

Manual Integrations
APPROVED

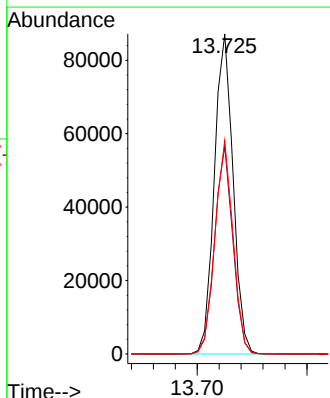
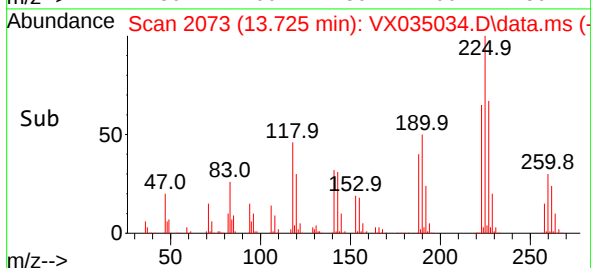
Reviewed By :John Carlone 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

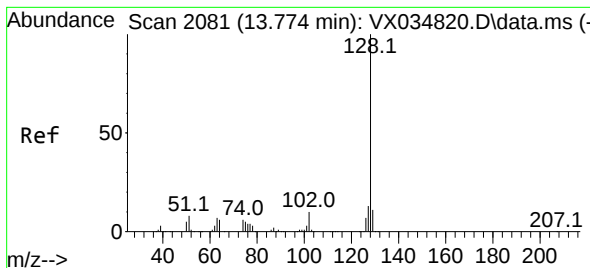


#94
Hexachlorobutadiene
Concen: 58.588 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX035034.D
Acq: 12 Apr 2023 10:11



Tgt Ion:225 Resp: 103304
Ion Ratio Lower Upper
225 100
223 63.1 32.1 96.5
227 64.9 31.8 95.4





#95

Naphthalene

Concen: 57.687 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX035034.D

Acq: 12 Apr 2023 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

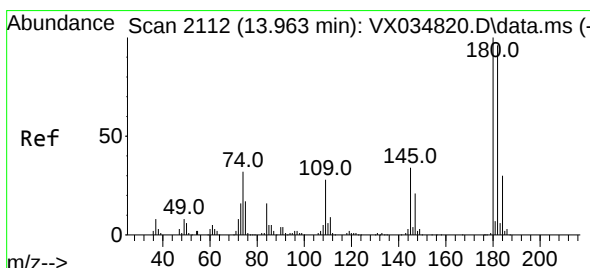
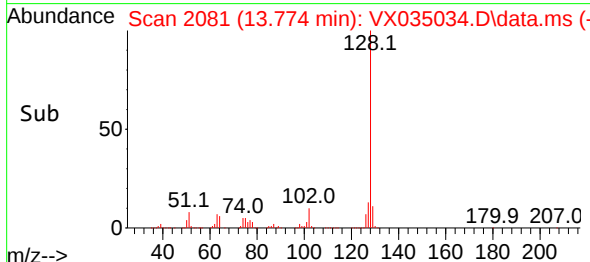
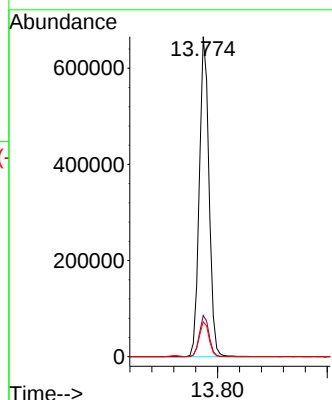
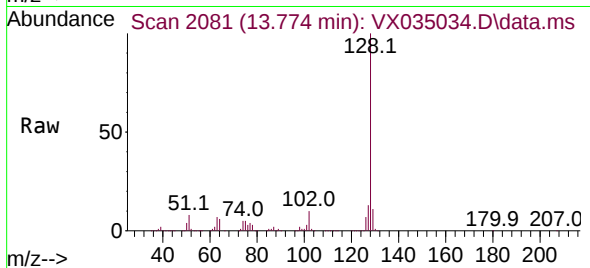
Tgt Ion:	128	Resp:	82173
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.4
129	11.0	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#96

1,2,3-Trichlorobenzene

Concen: 58.360 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX035034.D

Acq: 12 Apr 2023 10:11

Tgt Ion:	180	Resp:	235935
Ion Ratio	Lower	Upper	
180	100		
182	95.7	48.0	144.2
145	35.2	17.7	53.1

