

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
 Data File : VX045312.D
 Acq On : 18 Mar 2025 10:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/19/2025
 Supervised By : Mahesh Dadoda 03/19/2025

Quant Time: Mar 19 01:38:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	99818	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	175808	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	151375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	71356	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	81784	51.509	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.020%			
35) Dibromofluoromethane	5.379	113	61666	52.456	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.920%			
50) Toluene-d8	8.647	98	213078	49.996	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.000%			
62) 4-Bromofluorobenzene	11.079	95	77049	54.557	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.120%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	60222	47.929	ug/l	97
3) Chloromethane	1.300	50	69904	45.462	ug/l	100
4) Vinyl Chloride	1.374	62	62913	41.244	ug/l	97
5) Bromomethane	1.593	94	27332	45.580	ug/l	99
6) Chloroethane	1.660	64	31612	44.930	ug/l	100
7) Trichlorofluoromethane	1.867	101	93429	46.268	ug/l	96
8) Diethyl Ether	2.130	74	33560	42.490	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.312	101	62031	53.469	ug/l	98
10) Methyl Iodide	2.441	142	74553	51.423	ug/l	97
11) Tert butyl alcohol	2.983	59	58920	195.913	ug/l	99
12) 1,1-Dichloroethene	2.306	96	58098	47.367	ug/l	99
13) Acrolein	2.233	56	81811	235.324	ug/l	100
14) Allyl chloride	2.654	41	108834	49.848	ug/l	95
15) Acrylonitrile	3.062	53	193713	240.329	ug/l	99
16) Acetone	2.386	43	170062	230.853	ug/l	98
17) Carbon Disulfide	2.501	76	130150	39.839	ug/l	98
18) Methyl Acetate	2.703	43	104537	58.988	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	204467	49.687	ug/l	99
20) Methylene Chloride	2.782	84	67795	46.459	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	57461	47.420	ug/l	95
22) Diisopropyl ether	3.757	45	222471	50.102	ug/l	93
23) Vinyl Acetate	3.715	43	925572	249.784	ug/l	99
24) 1,1-Dichloroethane	3.599	63	121571	48.853	ug/l	99
25) 2-Butanone	4.556	43	267999	241.687	ug/l	100
26) 2,2-Dichloropropane	4.465	77	84755	72.611	ug/l	95
27) cis-1,2-Dichloroethene	4.477	96	72736	48.625	ug/l	93
28) Bromochloromethane	4.885	49	59956	50.547	ug/l	98
29) Tetrahydrofuran	5.001	42	169735	227.936	ug/l	100
30) Chloroform	5.080	83	121902	49.301	ug/l	97
31) Cyclohexane	5.458	56	101352	46.918	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	99429	49.788	ug/l	97
36) 1,1-Dichloropropene	5.684	75	79034	49.023	ug/l	99
37) Ethyl Acetate	4.708	43	99330	47.814	ug/l	99
38) Carbon Tetrachloride	5.666	117	82850	50.618	ug/l	98
39) Methylcyclohexane	7.373	83	99912	51.720	ug/l	99
40) Benzene	6.025	78	248464	48.805	ug/l	99

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Quant Time: Mar 19 01:38:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	57809	51.464	ug/l	98
42) 1,2-Dichloroethane	6.080	62	95767	52.239	ug/l	98
43) Isopropyl Acetate	6.336	43	158682	51.656	ug/l	99
44) Trichloroethene	7.117	130	57829	48.376	ug/l	98
45) 1,2-Dichloropropane	7.427	63	64231	49.071	ug/l	100
46) Dibromomethane	7.574	93	47670	51.526	ug/l	97
47) Bromodichloromethane	7.818	83	94385	52.012	ug/l	99
48) Methyl methacrylate	7.690	41	81849	53.109	ug/l	95
49) 1,4-Dioxane	7.659	88	29493	907.231	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	535545	259.644	ug/l	100
52) Toluene	8.714	92	150886	50.515	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	84146	55.465	ug/l	96
54) cis-1,3-Dichloropropene	8.360	75	95867	54.190	ug/l	94
55) 1,1,2-Trichloroethane	9.147	97	61925	50.360	ug/l	97
56) Ethyl methacrylate	9.116	69	100306	53.664	ug/l	96
57) 1,3-Dichloropropane	9.305	76	106823	50.198	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	265011	290.649	ug/l	98
59) 2-Hexanone	9.427	43	394266	263.820	ug/l	99
60) Dibromochloromethane	9.518	129	68198	53.043	ug/l	99
61) 1,2-Dibromoethane	9.604	107	61888	50.415	ug/l	98
64) Tetrachloroethene	9.269	164	49539	51.098	ug/l	94
65) Chlorobenzene	10.073	112	162786	50.822	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	54990	51.552	ug/l	98
67) Ethyl Benzene	10.189	91	288783	51.743	ug/l	100
68) m/p-Xylenes	10.299	106	212826	104.167	ug/l	98
69) o-Xylene	10.640	106	105690	51.291	ug/l	99
70) Styrene	10.652	104	180599	54.166	ug/l	99
71) Bromoform	10.799	173	43504	54.084	ug/l #	99
73) Isopropylbenzene	10.957	105	278606	50.023	ug/l	98
74) N-amyl acetate	10.841	43	139101	53.226	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	99756	48.809	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	81471m	49.055	ug/l	
77) Bromobenzene	11.195	156	64588	49.150	ug/l	98
78) n-propylbenzene	11.299	91	329285	52.338	ug/l	98
79) 2-Chlorotoluene	11.360	91	197543	49.301	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	229603	50.984	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	26079	53.737	ug/l	92
82) 4-Chlorotoluene	11.451	91	226650	51.902	ug/l	100
83) tert-Butylbenzene	11.713	119	232507	50.249	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	234292	51.705	ug/l	99
85) sec-Butylbenzene	11.890	105	295168	53.254	ug/l	100
86) p-Isopropyltoluene	12.006	119	243748	54.417	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	120314	51.323	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	118289	49.875	ug/l	99
89) n-Butylbenzene	12.329	91	223520	57.938	ug/l	99
90) Hexachloroethane	12.536	117	41142	50.780	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	119524	50.826	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20953	52.623	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	73192	54.660	ug/l	100
94) Hexachlorobutadiene	13.725	225	30372	55.325	ug/l	99
95) Naphthalene	13.774	128	268238	52.139	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	74839	52.979	ug/l	100

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MSVOA_X
ClientSampleId :
VSTDCCC050

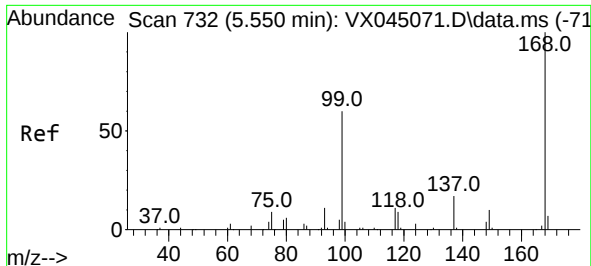
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

Quant Time: Mar 19 01:38:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
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



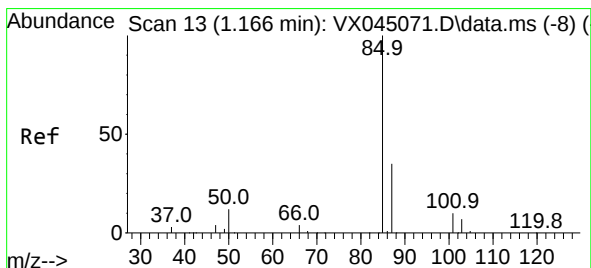
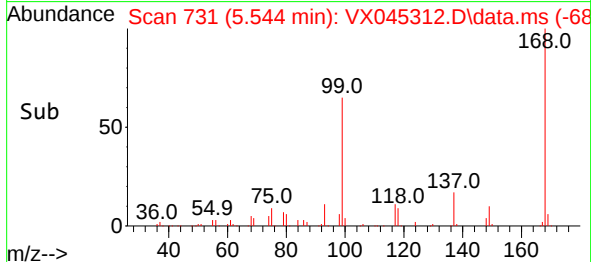
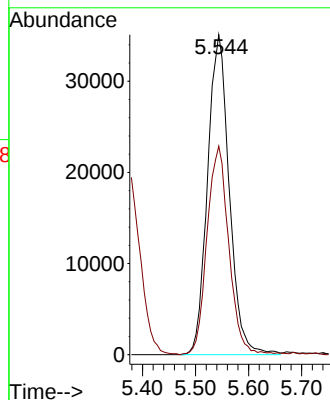
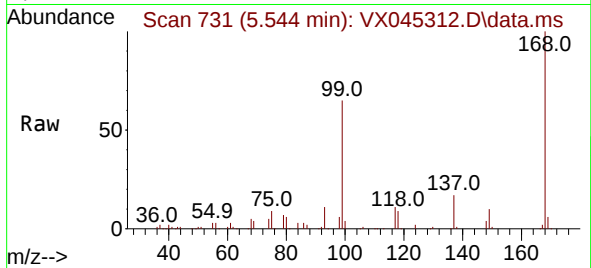
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 99818
Ion Ratio Lower Upper
168 100
99 65.1 48.2 72.4

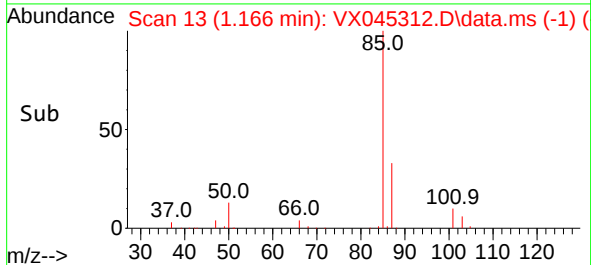
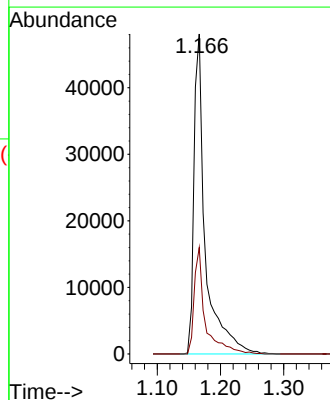
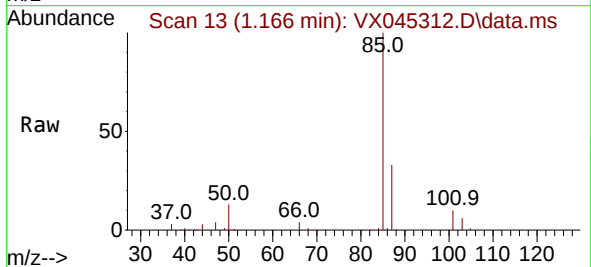
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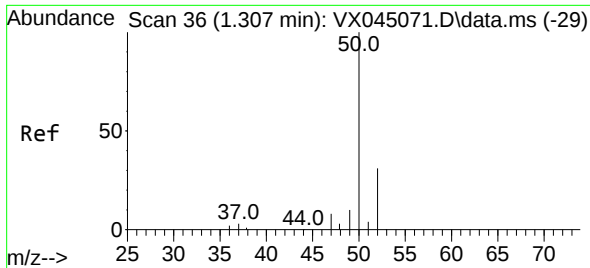
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#2
Dichlorodifluoromethane
Concen: 47.929 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 85 Resp: 60222
Ion Ratio Lower Upper
85 100
87 33.2 17.4 52.3





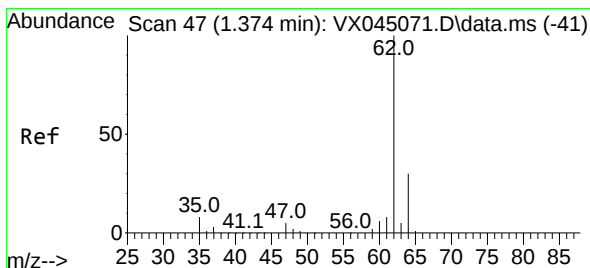
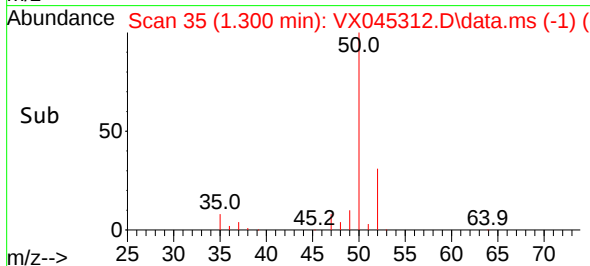
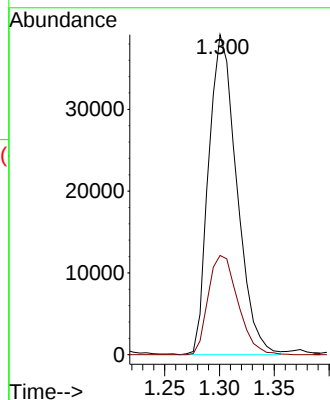
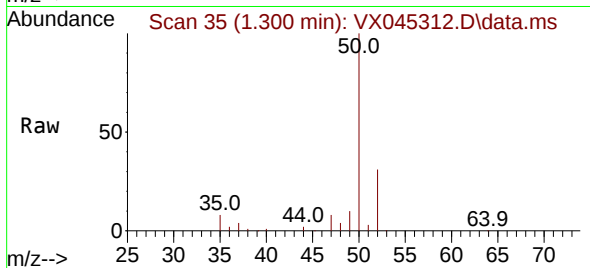
#3
Chloromethane
Concen: 45.462 ug/l
RT: 1.300 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 69904
Ion Ratio Lower Upper
50 100
52 31.0 25.0 37.4

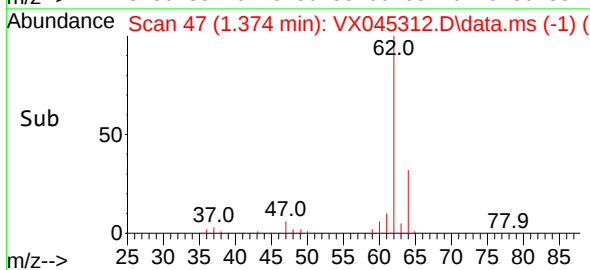
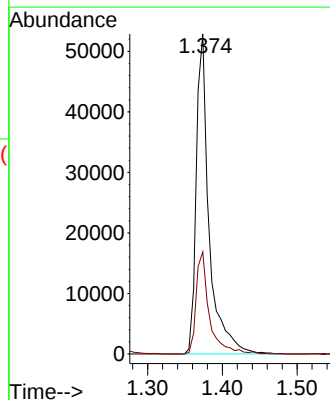
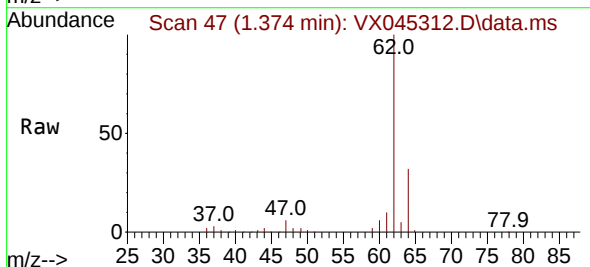
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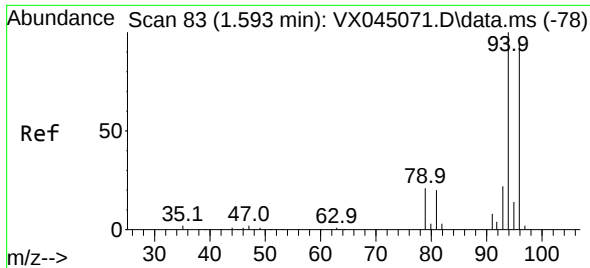
Reviewed By :John Carlone 03/19/2025
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#4
Vinyl Chloride
Concen: 41.244 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

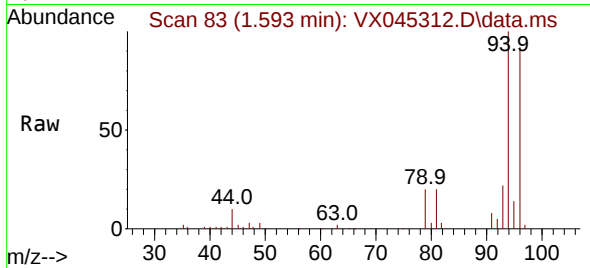
Tgt Ion: 62 Resp: 62913
Ion Ratio Lower Upper
62 100
64 31.9 24.3 36.5





#5
Bromomethane
Concen: 45.580 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

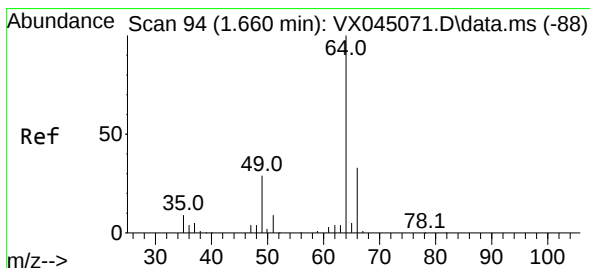
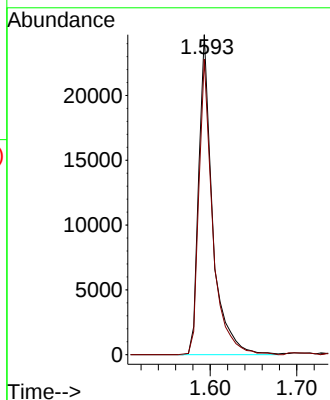
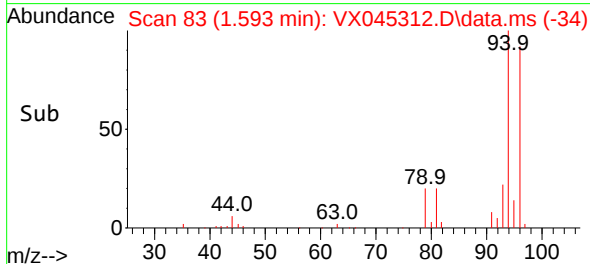
Instrument :
MSVOA_X
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VSTDCCC050



Tgt Ion: 94 Resp: 2733
Ion Ratio Lower Upper
94 100
96 92.4 75.0 112.4

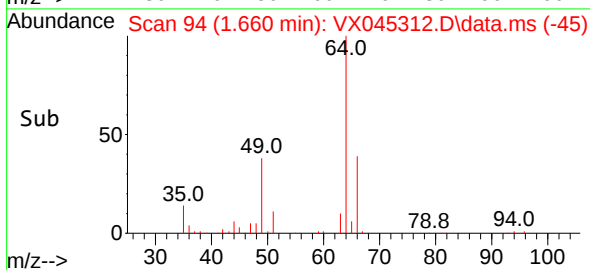
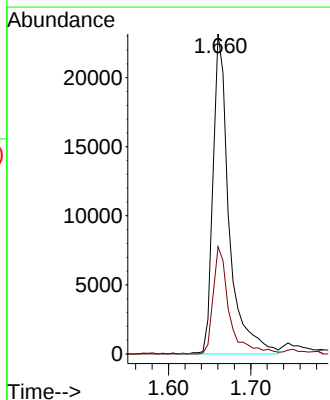
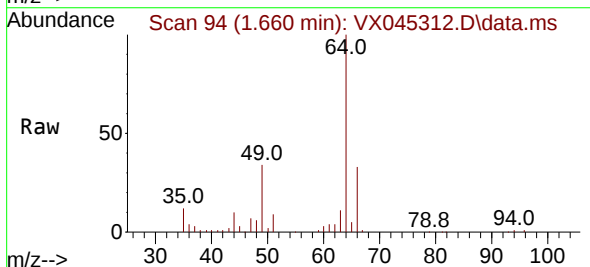
Manual Integrations
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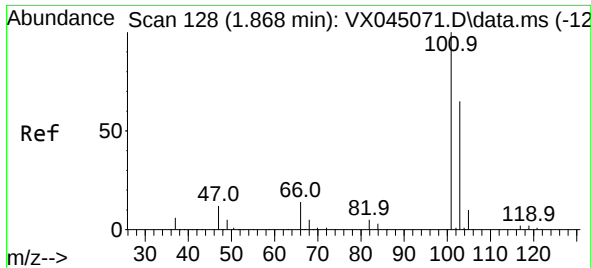
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#6
Chloroethane
Concen: 44.930 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.000 min
Lab File: VX045312.D
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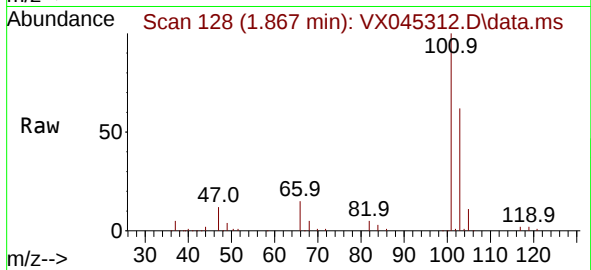
Tgt Ion: 64 Resp: 31612
Ion Ratio Lower Upper
64 100
66 33.5 26.7 40.1





#7
Trichlorofluoromethane
Concen: 46.268 ug/l
RT: 1.867 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX045312.D
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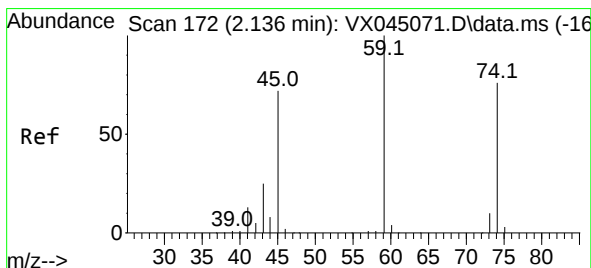
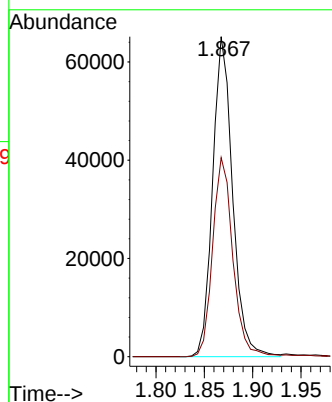
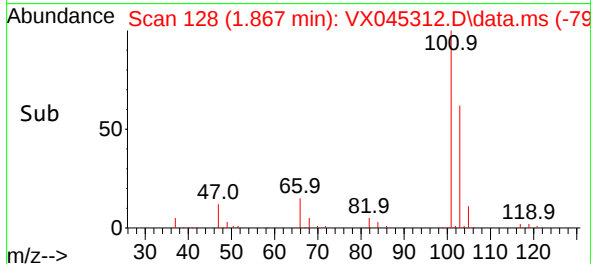
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



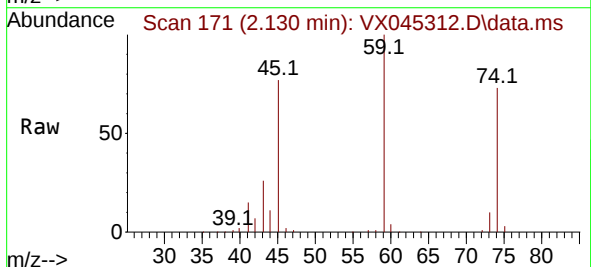
Tgt Ion:101 Resp: 93429
Ion Ratio Lower Upper
101 100
103 62.2 52.1 78.1

Manual Integrations
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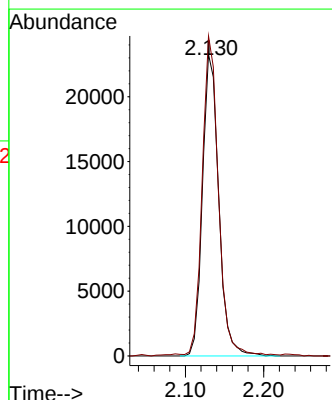
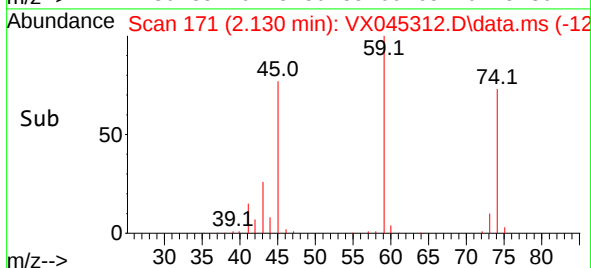
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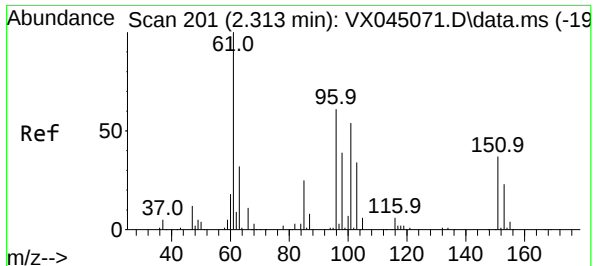


#8
Diethyl Ether
Concen: 42.490 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02



Tgt Ion: 74 Resp: 33560
Ion Ratio Lower Upper
74 100
45 106.8 51.5 154.5





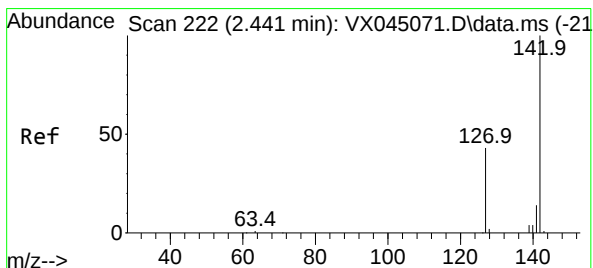
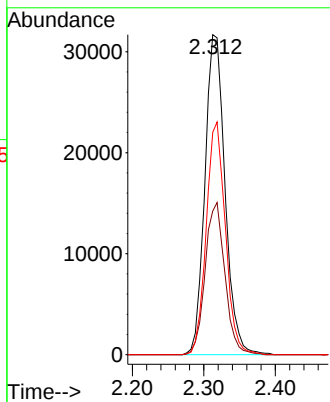
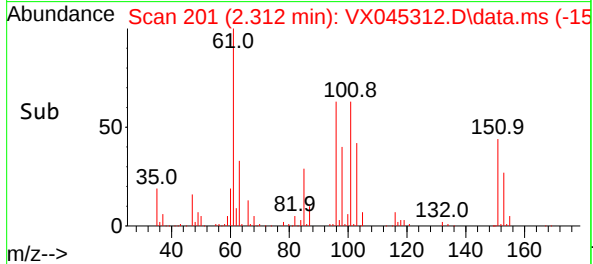
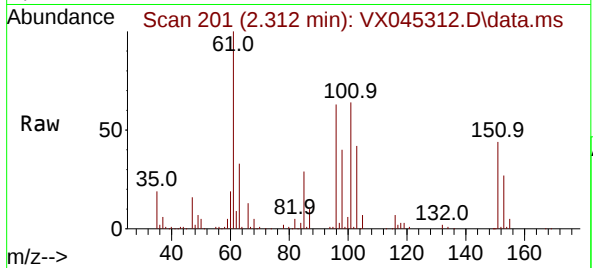
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.469 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 6203
Ion Ratio Lower Upper
101 100
85 46.7 36.2 54.4
151 69.2 56.4 84.6

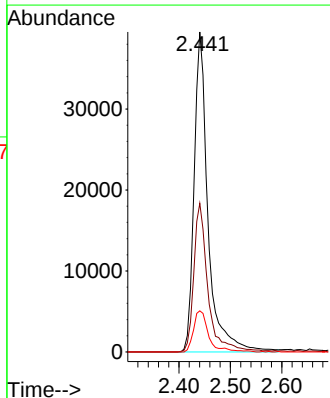
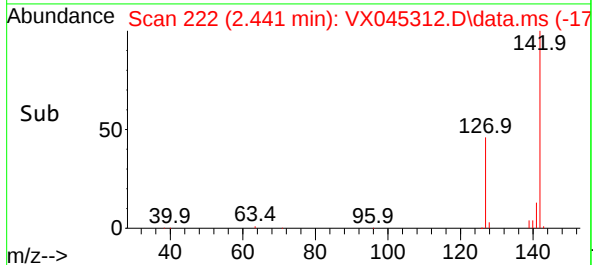
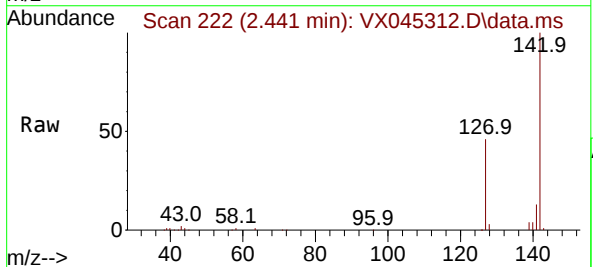
Manual Integrations
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Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#10
Methyl Iodide
Concen: 51.423 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion:142 Resp: 74553
Ion Ratio Lower Upper
142 100
127 46.9 35.4 53.2
141 13.9 11.6 17.4





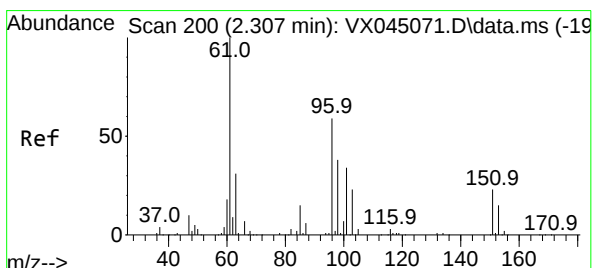
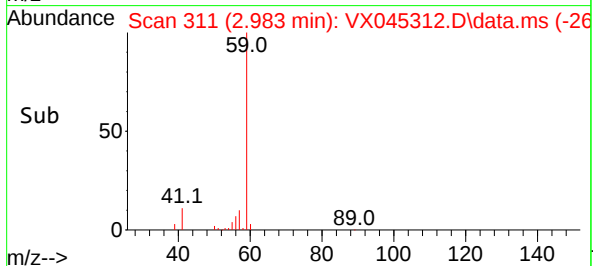
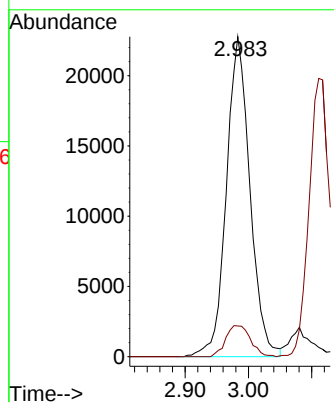
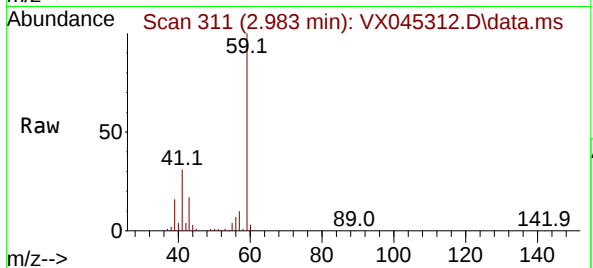
#11
Tert butyl alcohol
Concen: 195.913 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 58920
Ion Ratio Lower Upper
59 100
57 10.2 7.8 11.8

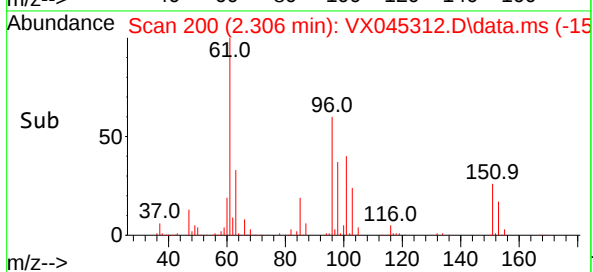
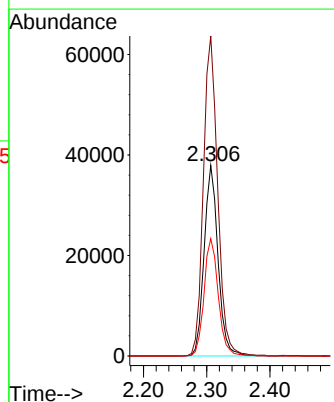
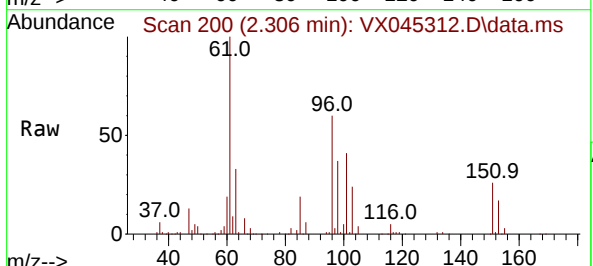
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Supervised By :Mahesh Dadoda 03/19/2025



#12
1,1-Dichloroethene
Concen: 47.367 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 96 Resp: 58098
Ion Ratio Lower Upper
96 100
61 168.0 134.6 202.0
98 61.6 51.0 76.6





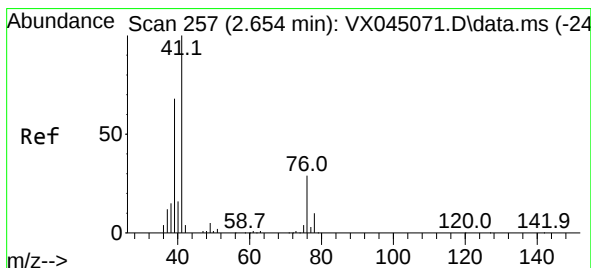
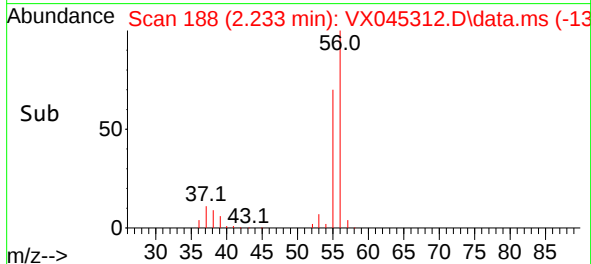
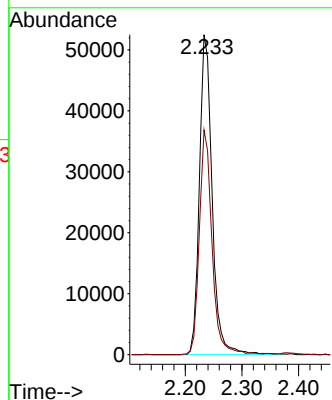
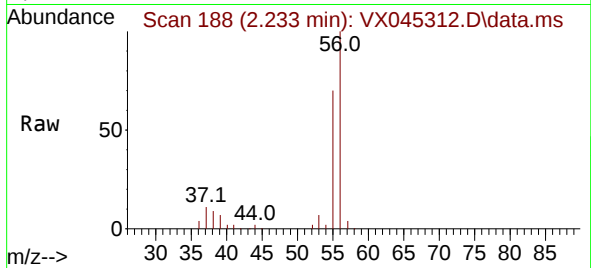
#13
Acrolein
Concen: 235.324 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 8181
Ion Ratio Lower Upper
56 100
55 70.1 56.2 84.4

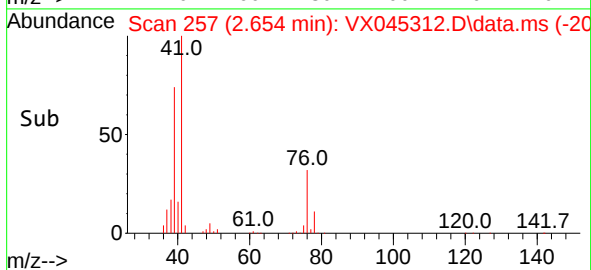
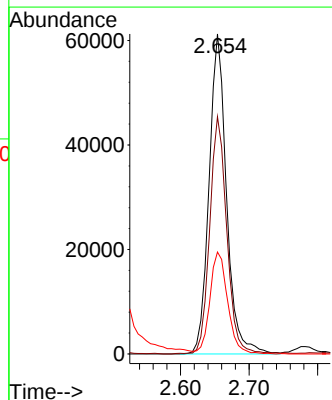
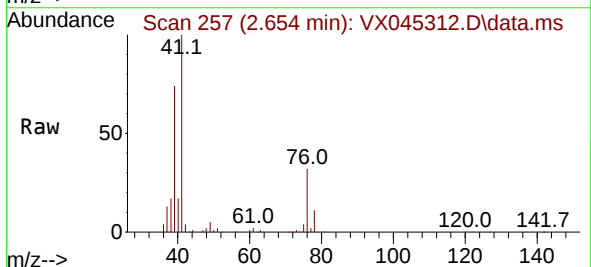
Manual Integrations
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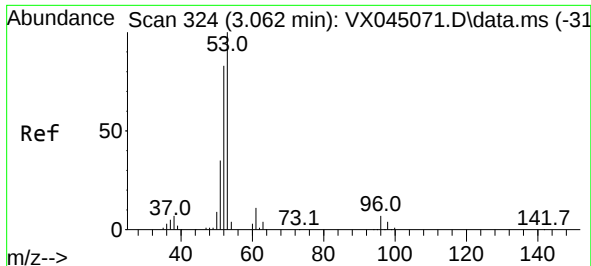
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#14
Allyl chloride
Concen: 49.848 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

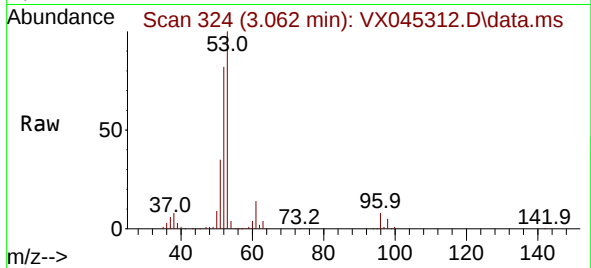
Tgt Ion: 41 Resp: 108834
Ion Ratio Lower Upper
41 100
39 72.6 53.8 80.8
76 32.4 25.2 37.8





#15
Acrylonitrile
Concen: 240.329 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

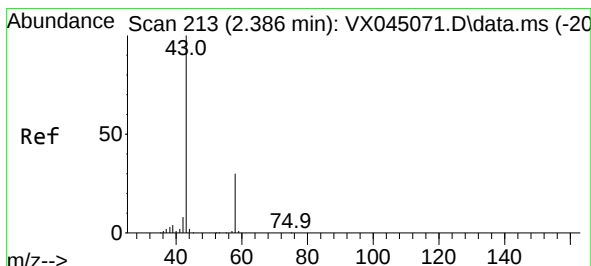
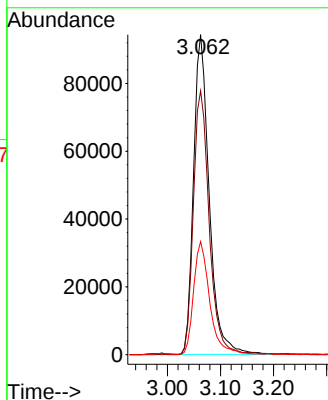
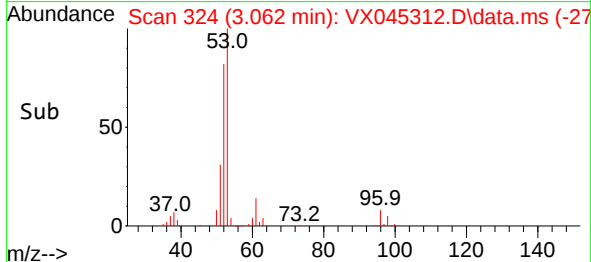
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



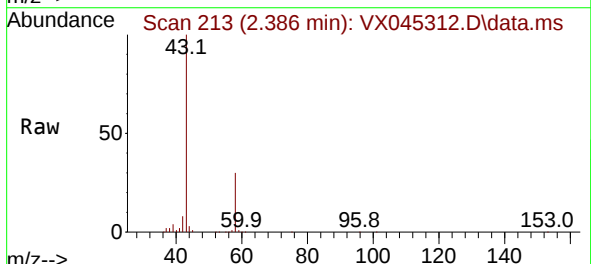
Tgt Ion: 53 Resp: 19371
Ion Ratio Lower Upper
53 100
52 84.0 66.2 99.2
51 36.1 29.0 43.4

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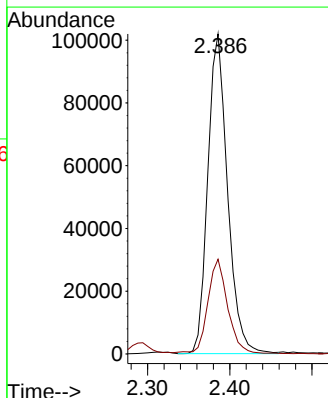
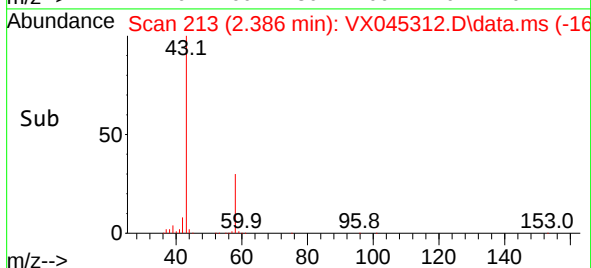
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

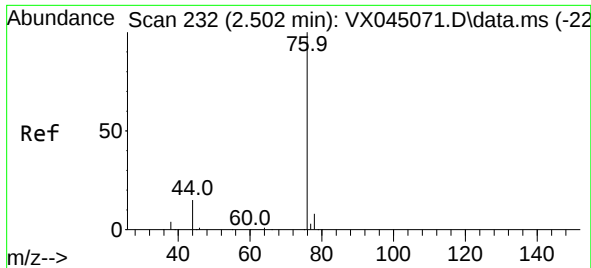


#16
Acetone
Concen: 230.853 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02



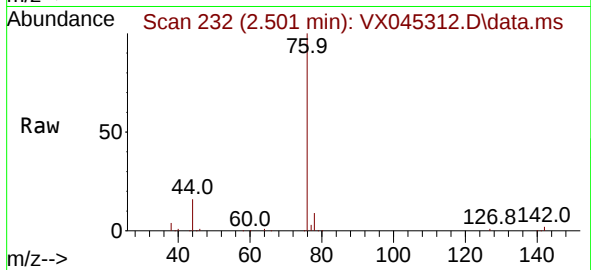
Tgt Ion: 43 Resp: 170062
Ion Ratio Lower Upper
43 100
58 29.4 24.2 36.4





#17
Carbon Disulfide
Concen: 39.839 ug/l
RT: 2.501 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

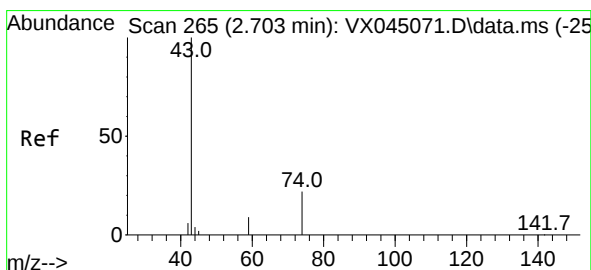
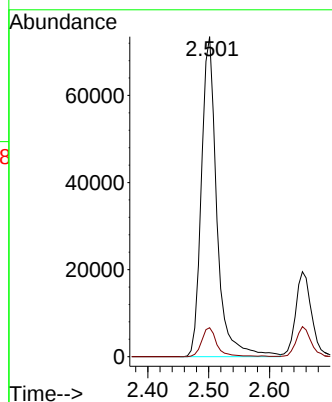
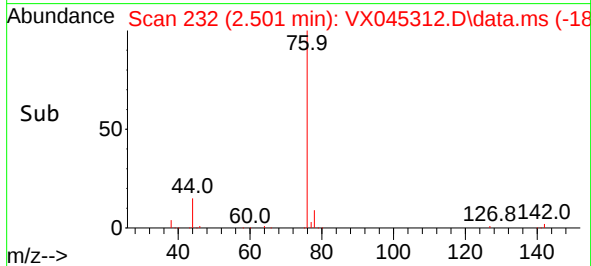
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 130150
Ion Ratio Lower Upper
76 100
78 9.1 6.6 9.8

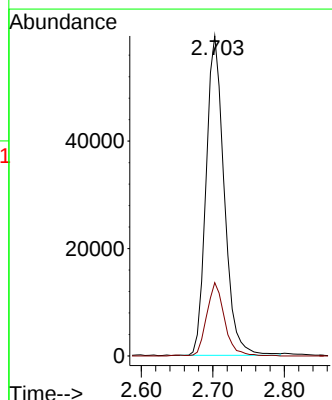
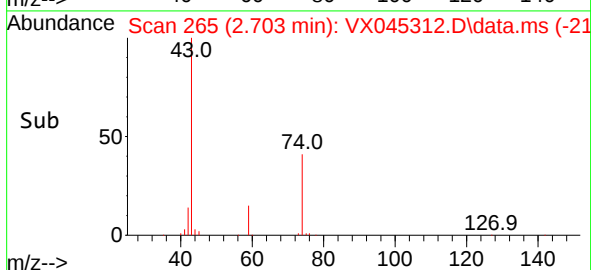
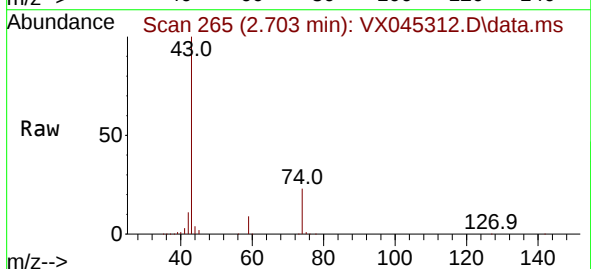
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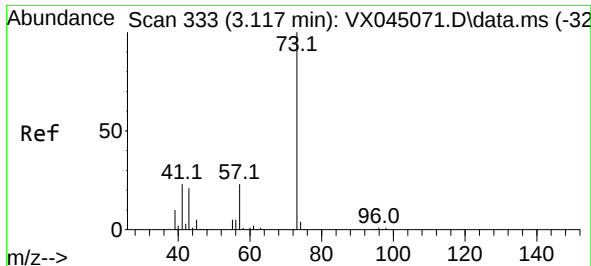
Reviewed By :John Carlone 03/19/2025
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#18
Methyl Acetate
Concen: 58.988 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

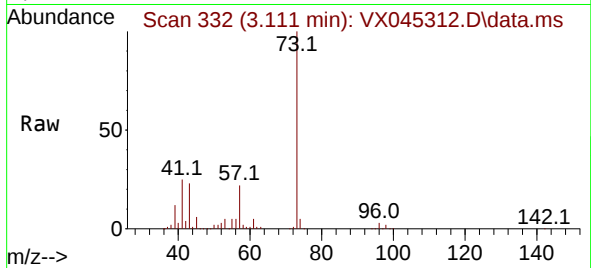
Tgt Ion: 43 Resp: 104537
Ion Ratio Lower Upper
43 100
74 22.0 17.4 26.2





#19
Methyl tert-butyl Ether
Concen: 49.687 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

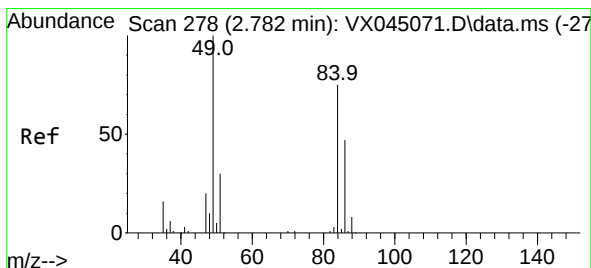
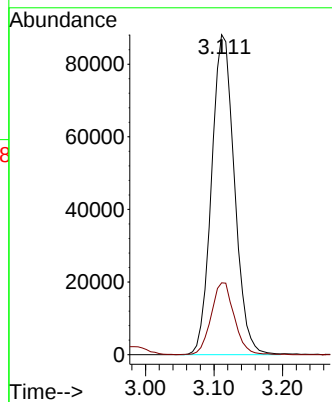
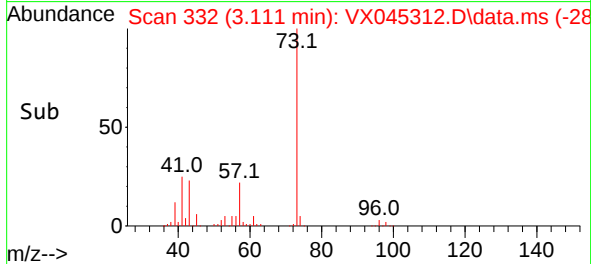
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 20446
Ion Ratio Lower Upper
73 100
57 22.4 18.5 27.7

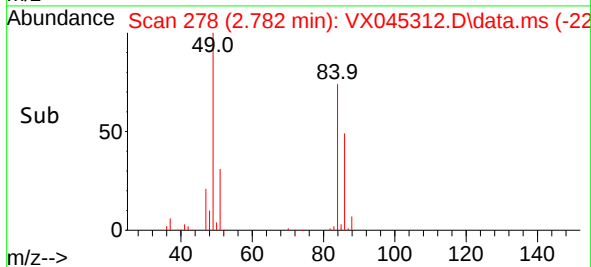
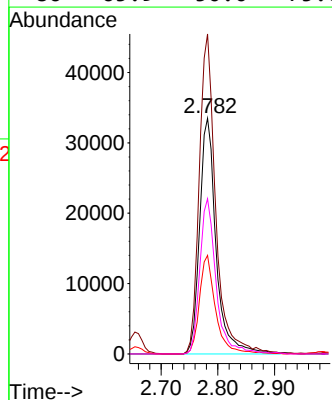
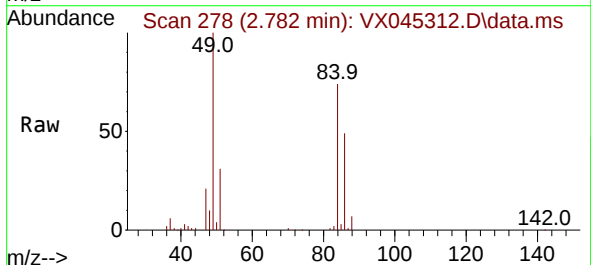
Manual Integrations
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#20
Methylene Chloride
Concen: 46.459 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

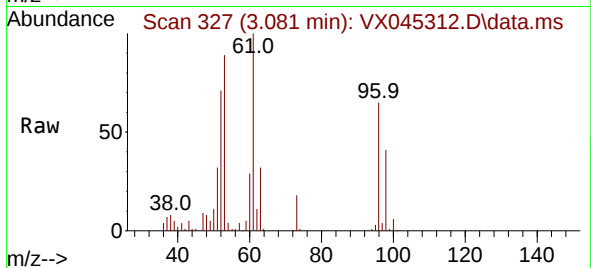
Tgt Ion: 84 Resp: 67795
Ion Ratio Lower Upper
84 100
49 135.8 106.5 159.7
51 41.8 32.1 48.1
86 65.9 50.0 75.0





#21
trans-1,2-Dichloroethene
Concen: 47.420 ug/l
RT: 3.081 min Scan# 312
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

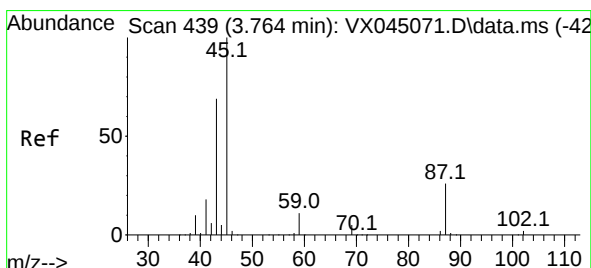
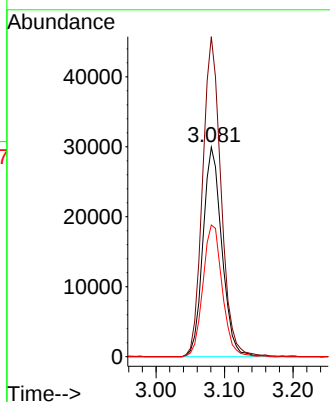
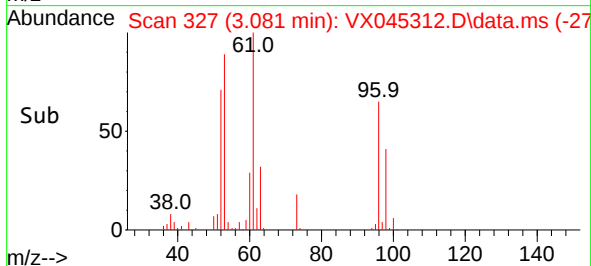
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 57463
Ion Ratio Lower Upper
96 100
61 152.8 117.0 175.4
98 62.9 53.4 80.2

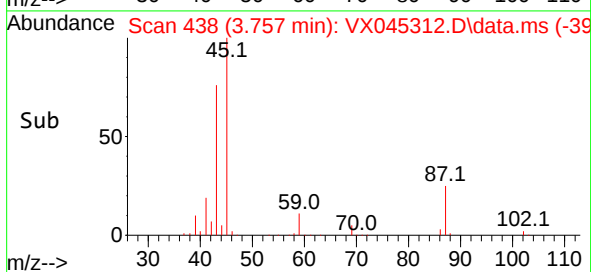
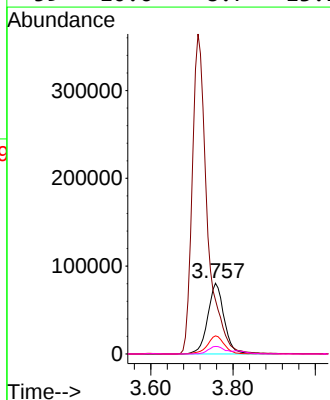
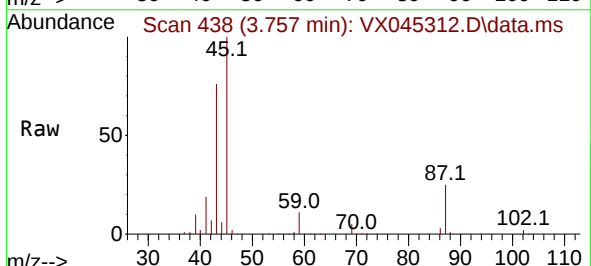
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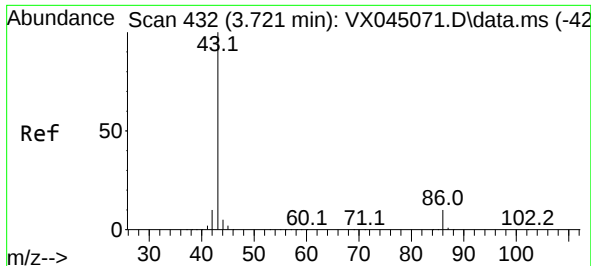
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#22
Diisopropyl ether
Concen: 50.102 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 45 Resp: 222471
Ion Ratio Lower Upper
45 100
43 76.2 54.9 82.3
87 25.5 21.0 31.4
59 10.6 8.7 13.1





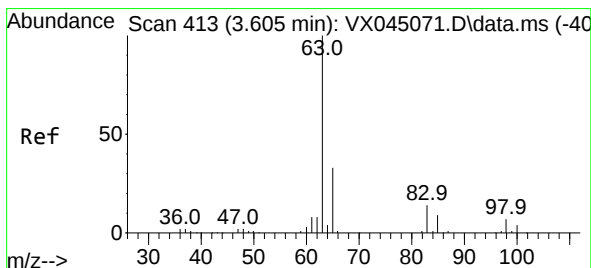
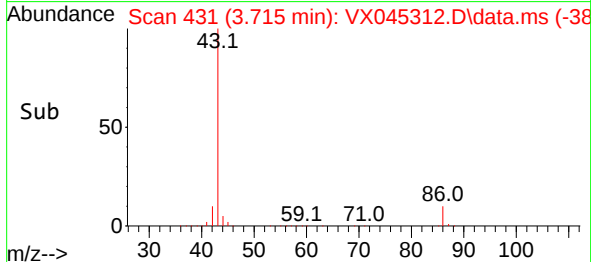
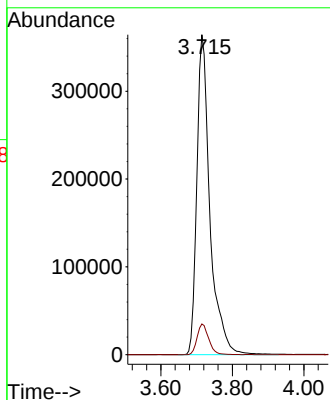
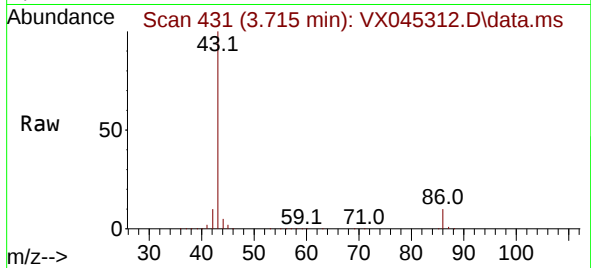
#23
 Vinyl Acetate
 Concen: 249.784 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX045312.D
 Acq: 18 Mar 2025 10:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 925572
 Ion Ratio Lower Upper
 43 100
 86 9.6 8.1 12.1

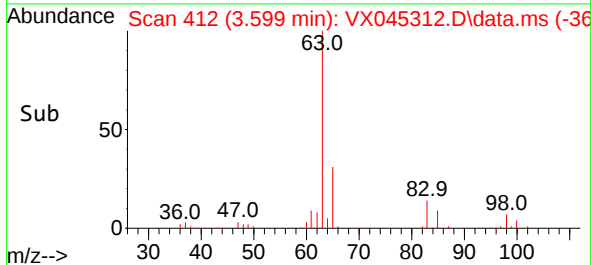
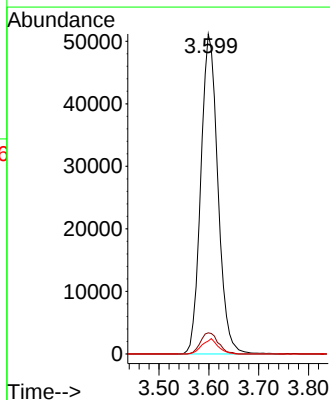
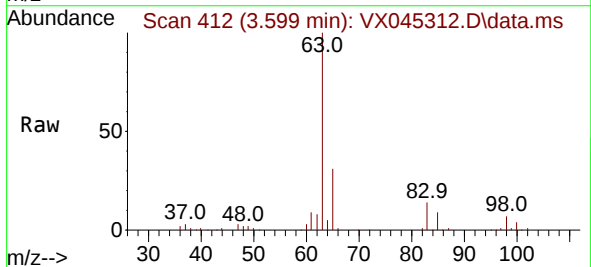
Manual Integrations
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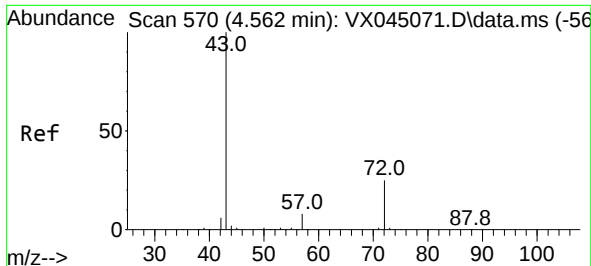
Reviewed By :John Carlone 03/19/2025
 Supervised By :Mahesh Dadoda 03/19/2025



#24
 1,1-Dichloroethane
 Concen: 48.853 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX045312.D
 Acq: 18 Mar 2025 10:02

Tgt Ion: 63 Resp: 121571
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.4 10.2
 100 4.0 2.1 6.5





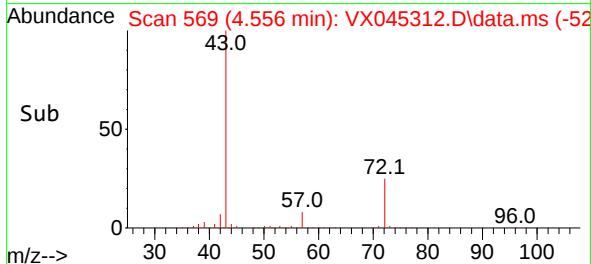
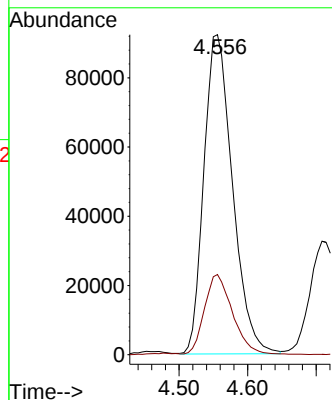
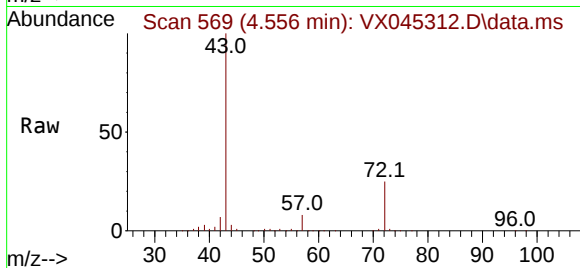
#25
2-Butanone
Concen: 241.687 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 267999
Ion Ratio Lower Upper
43 100
72 24.9 20.0 30.0

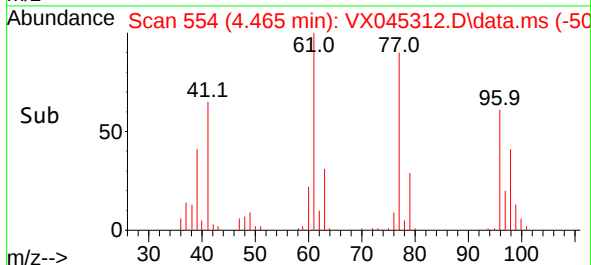
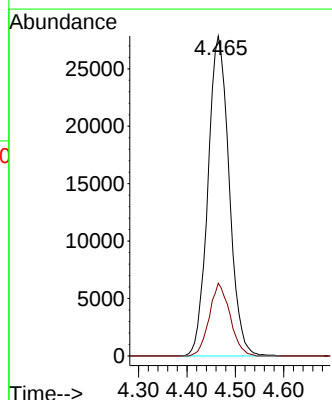
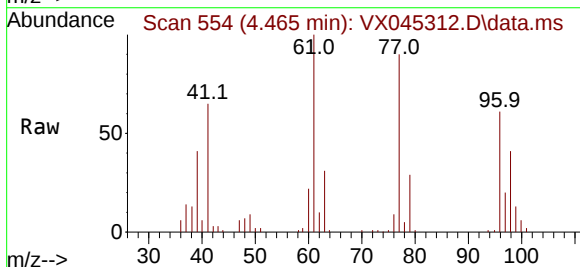
Manual Integrations
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Supervised By :Mahesh Dadoda 03/19/2025



#26
2,2-Dichloropropane
Concen: 72.611 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 77 Resp: 84755
Ion Ratio Lower Upper
77 100
97 22.3 12.4 37.0





#27
 cis-1,2-Dichloroethene
 Concen: 48.625 ug/l
 RT: 4.477 min Scan# 557
 Delta R.T. -0.006 min
 Lab File: VX045312.D
 Acq: 18 Mar 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

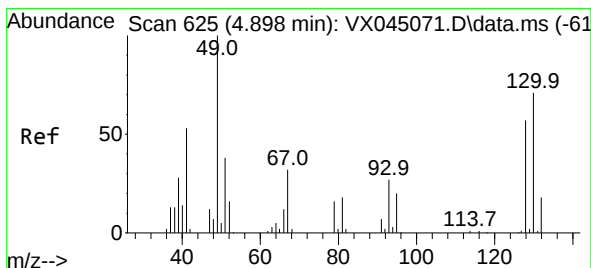
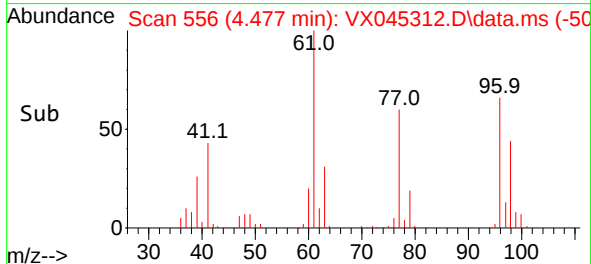
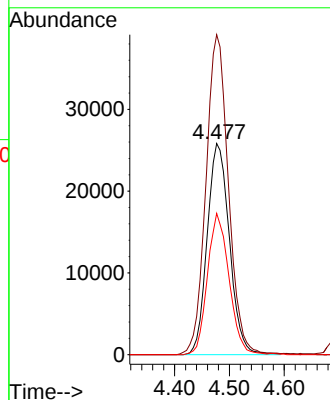
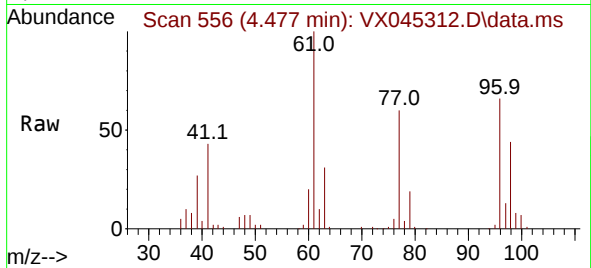
VSTDCCC050

Tgt Ion: 96 Resp: 72730
 Ion Ratio Lower Upper
 96 100
 61 153.4 0.0 283.2
 98 64.8 0.0 128.0

Manual Integrations

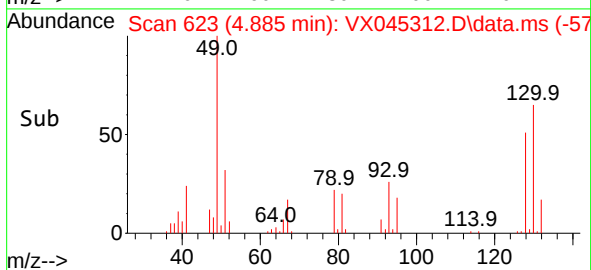
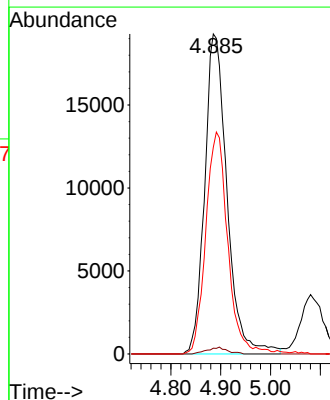
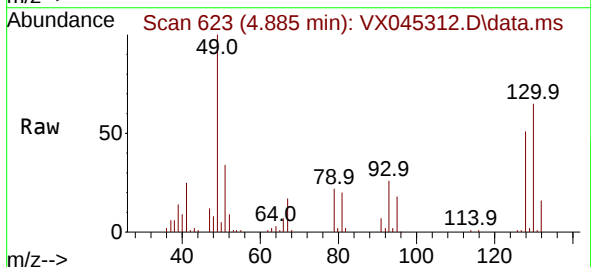
APPROVED

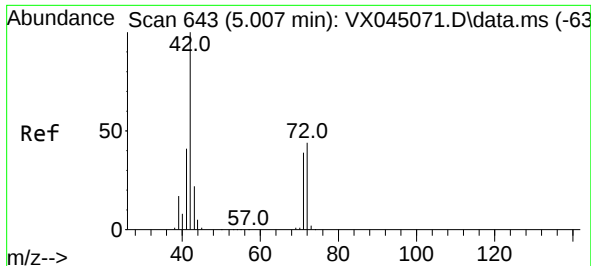
Reviewed By :John Carlone 03/19/2025
 Supervised By :Mahesh Dadoda 03/19/2025



#28
 Bromochloromethane
 Concen: 50.547 ug/l
 RT: 4.885 min Scan# 623
 Delta R.T. -0.012 min
 Lab File: VX045312.D
 Acq: 18 Mar 2025 10:02

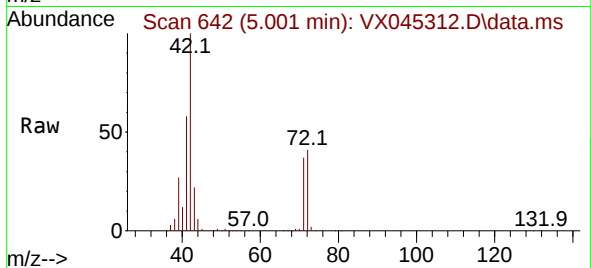
Tgt Ion: 49 Resp: 59956
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.4
 130 68.2 56.1 84.1





#29
Tetrahydrofuran
Concen: 227.936 ug/l
RT: 5.001 min Scan# 643
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

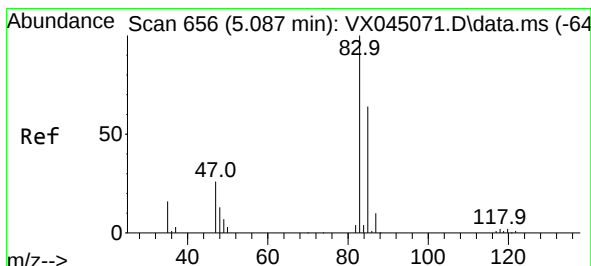
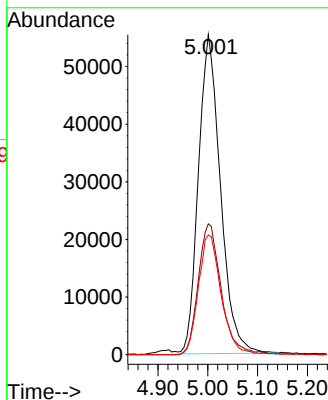
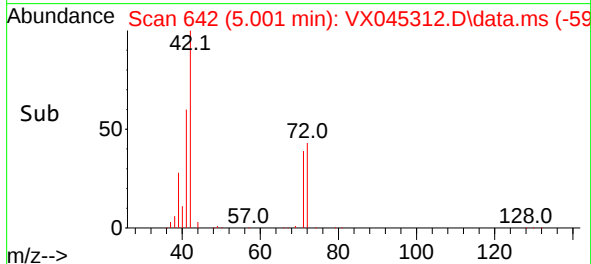
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 169735
Ion Ratio Lower Upper
42 100
72 42.8 34.1 51.1
71 38.9 31.4 47.0

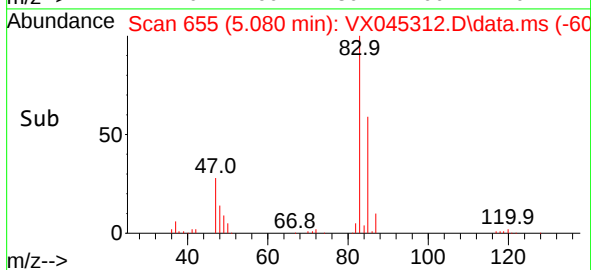
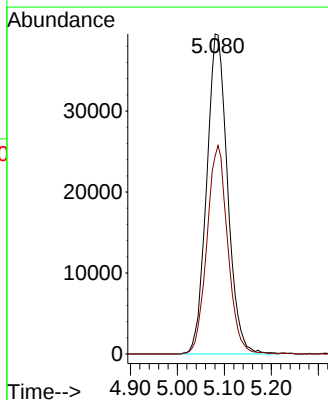
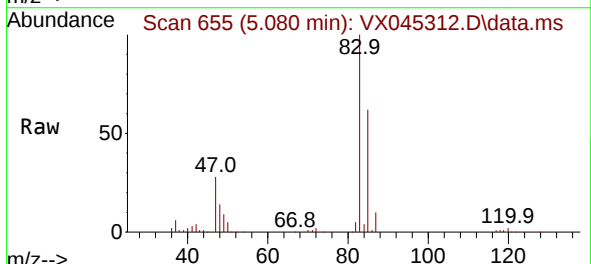
Manual Integrations
APPROVED

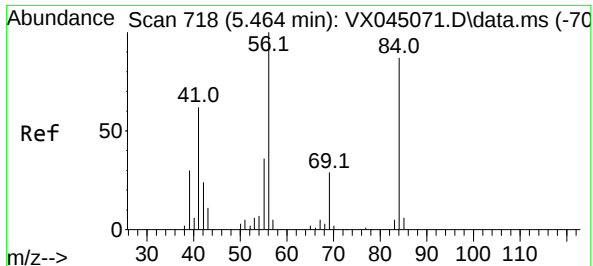
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#30
Chloroform
Concen: 49.301 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

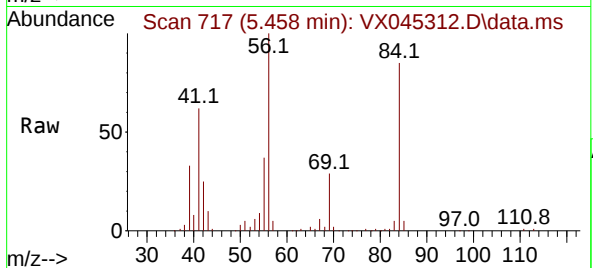
Tgt Ion: 83 Resp: 121902
Ion Ratio Lower Upper
83 100
85 61.9 51.4 77.2





#31
Cyclohexane
Concen: 46.918 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

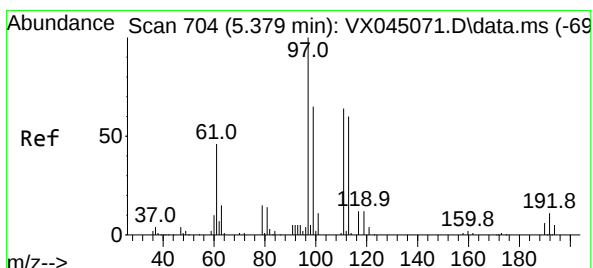
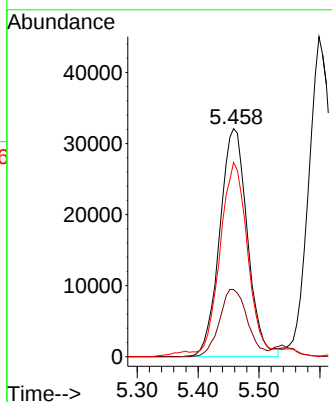
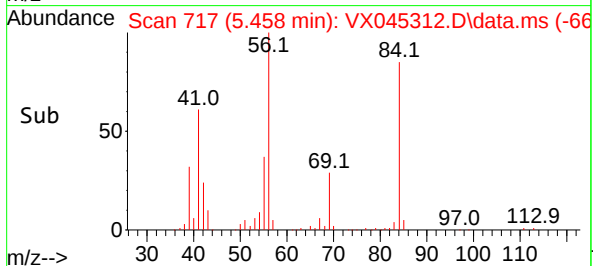
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



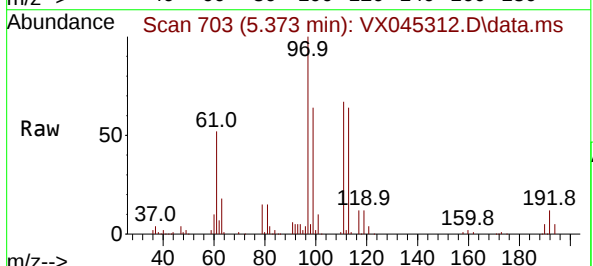
Tgt Ion: 56 Resp: 101352
Ion Ratio Lower Upper
56 100
69 29.5 23.4 35.2
84 83.5 69.4 104.2

Manual Integrations
APPROVED

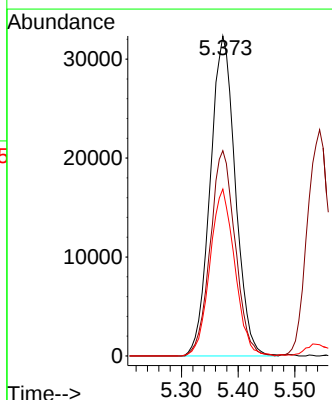
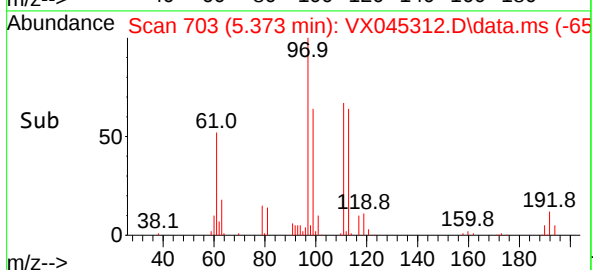
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#32
1,1,1-Trichloroethane
Concen: 49.788 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02



Tgt Ion: 97 Resp: 99429
Ion Ratio Lower Upper
97 100
99 63.9 51.6 77.4
61 51.7 38.4 57.6





#33

1,2-Dichloroethane-d4

Concen: 51.509 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045312.D

Acq: 18 Mar 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 81784

Ion Ratio Lower Upper

65 100

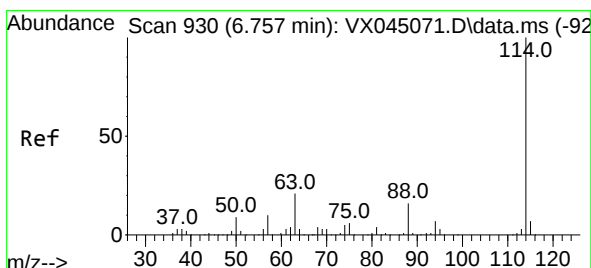
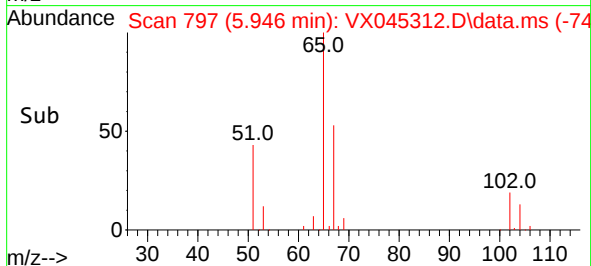
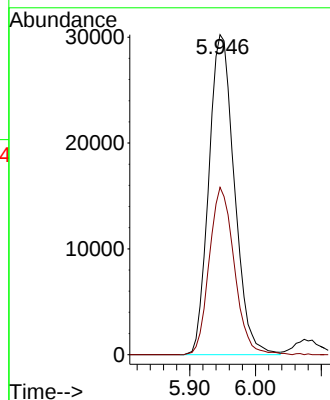
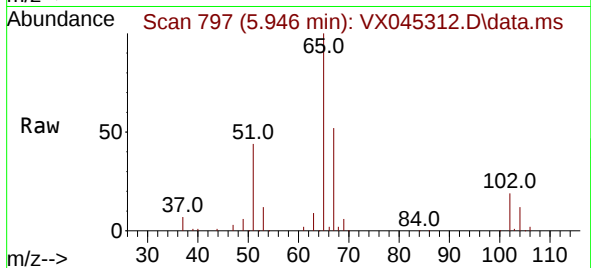
67 51.3 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2025

Supervised By :Mahesh Dadoda 03/19/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045312.D

Acq: 18 Mar 2025 10:02

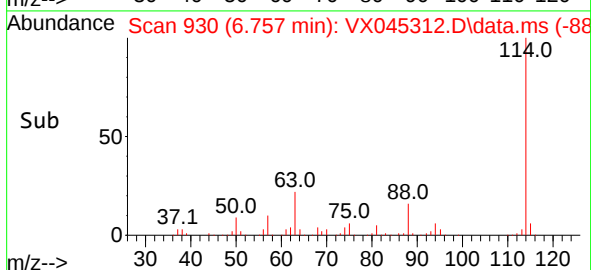
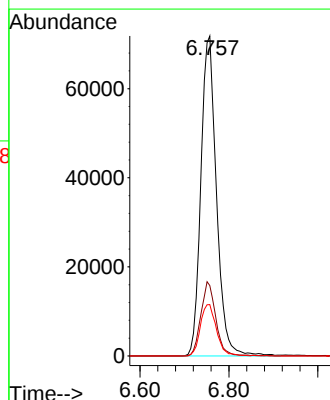
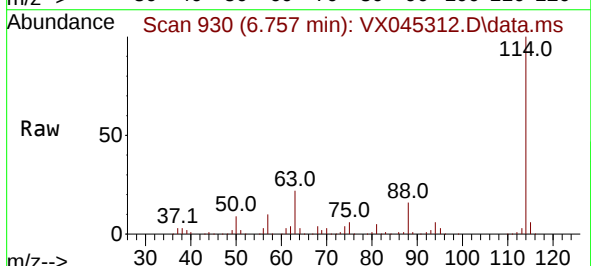
Tgt Ion:114 Resp: 175808

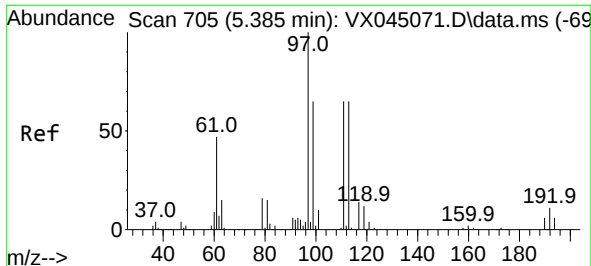
Ion Ratio Lower Upper

114 100

63 22.0 0.0 41.8

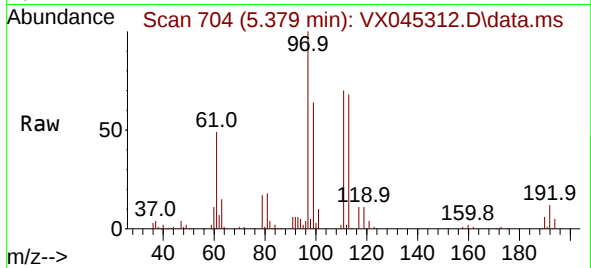
88 16.1 0.0 32.8





#35
Dibromofluoromethane
Concen: 52.456 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

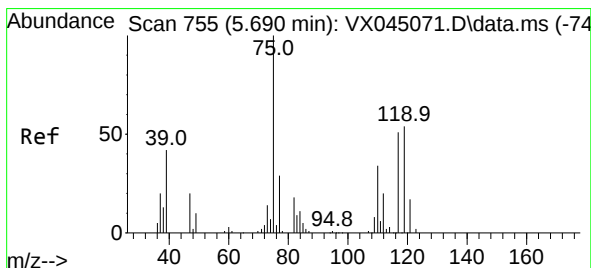
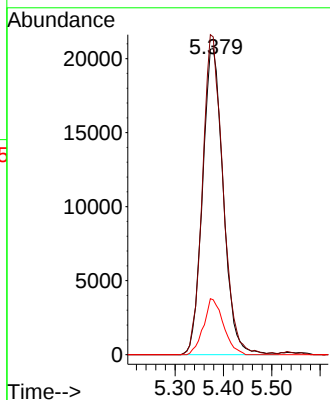
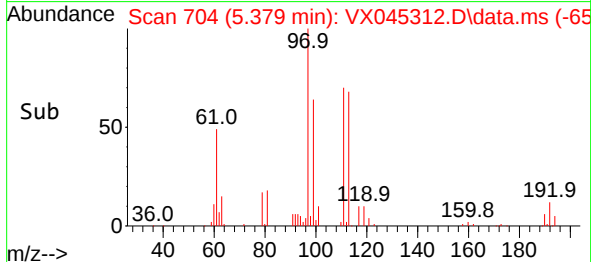
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 6166
Ion Ratio Lower Upper
113 100
111 102.5 81.8 122.6
192 17.5 14.3 21.5

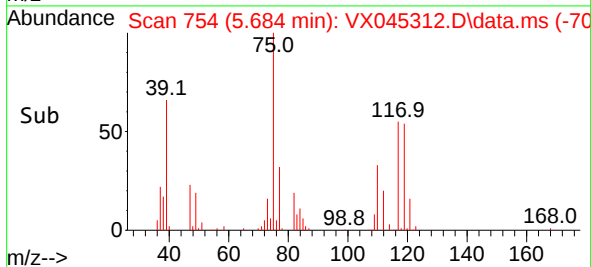
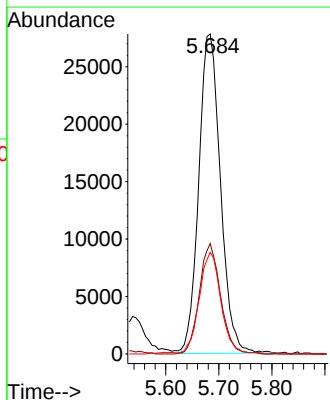
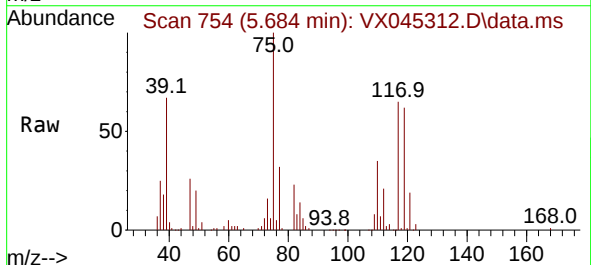
Manual Integrations
APPROVED

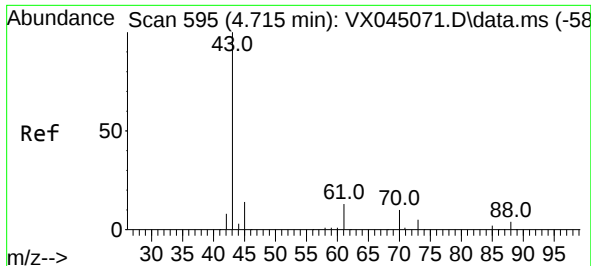
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#36
1,1-Dichloropropene
Concen: 49.023 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

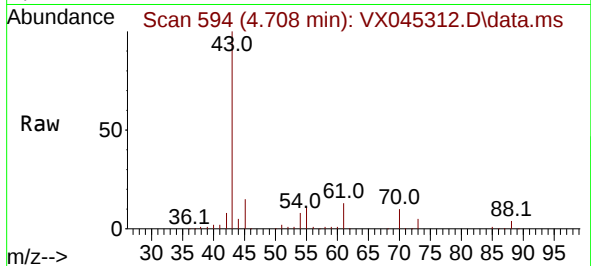
Tgt Ion: 75 Resp: 79034
Ion Ratio Lower Upper
75 100
110 33.7 16.9 50.6
77 31.8 24.5 36.7





#37
Ethyl Acetate
Concen: 47.814 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

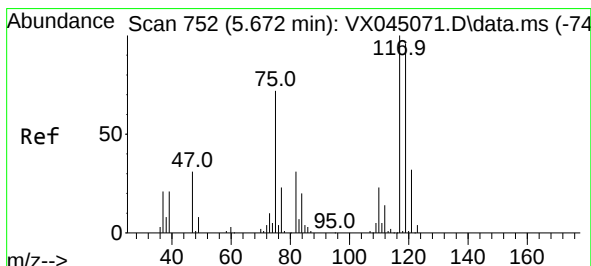
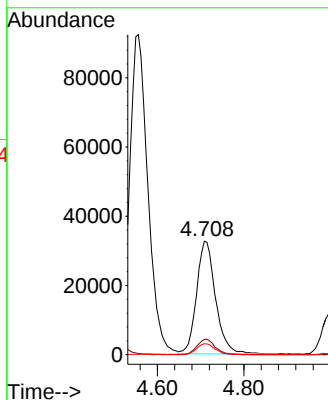
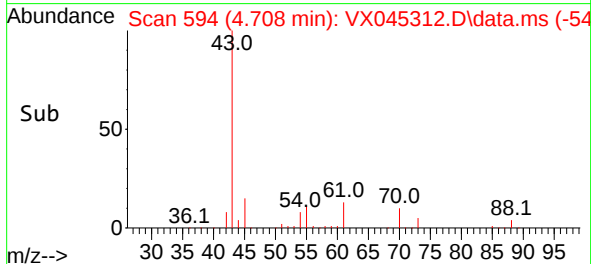
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 99330
Ion Ratio Lower Upper
43 100
61 13.2 10.8 16.2
70 9.4 7.7 11.5

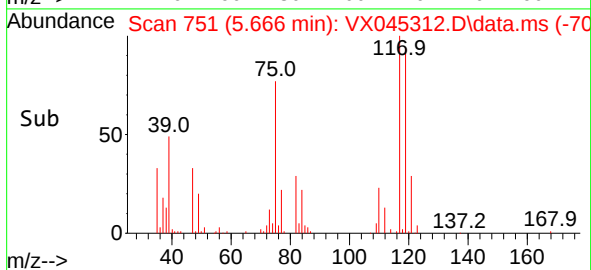
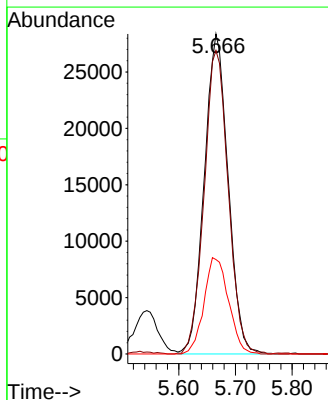
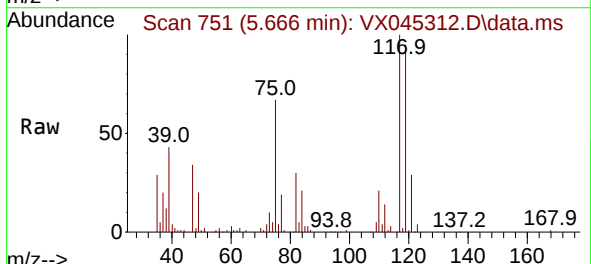
Manual Integrations
APPROVED

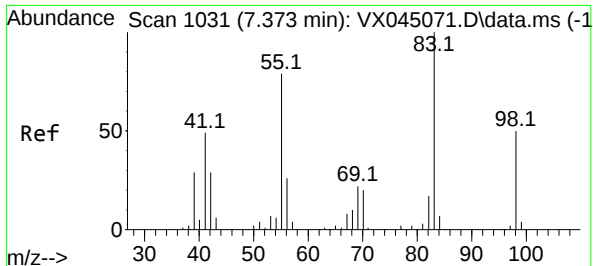
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#38
Carbon Tetrachloride
Concen: 50.618 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion:117 Resp: 82850
Ion Ratio Lower Upper
117 100
119 94.6 76.7 115.1
121 29.5 25.5 38.3





#39

Methylcyclohexane

Concen: 51.720 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX045312.D

Acq: 18 Mar 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

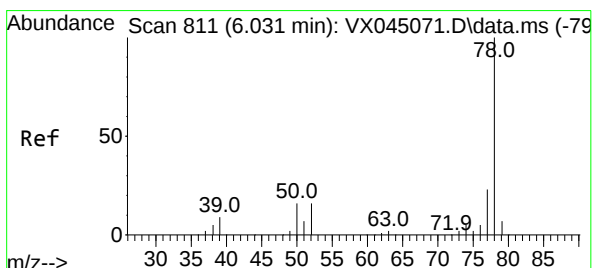
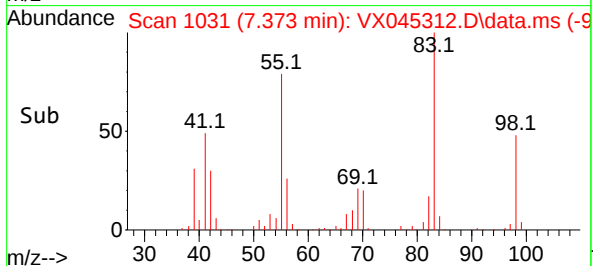
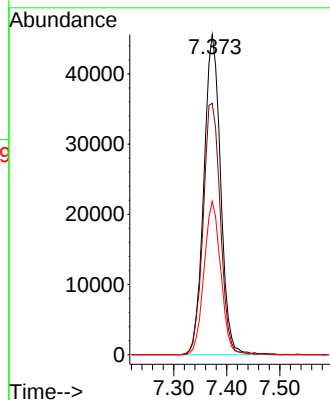
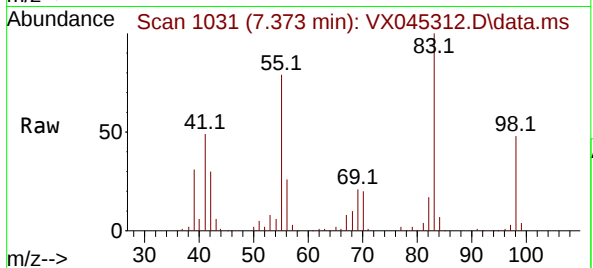
Tgt Ion: 83	Resp: 9991
Ion Ratio	Lower Upper
83 100	
55 78.6	63.0 94.4
98 47.9	39.7 59.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2025

Supervised By :Mahesh Dadoda 03/19/2025



#40

Benzene

Concen: 48.805 ug/l

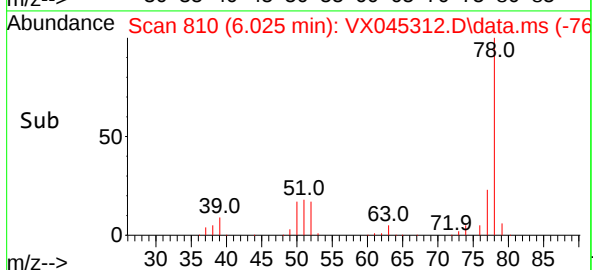
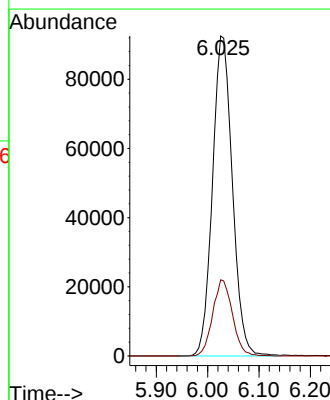
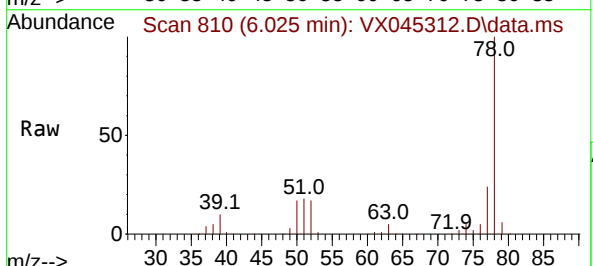
RT: 6.025 min Scan# 810

Delta R.T. -0.006 min

Lab File: VX045312.D

Acq: 18 Mar 2025 10:02

Tgt Ion: 78	Resp: 248464
Ion Ratio	Lower Upper
78 100	
77 23.8	18.8 28.2





#41
Methacrylonitrile
Concen: 51.464 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

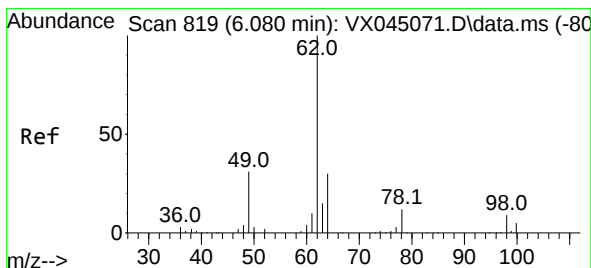
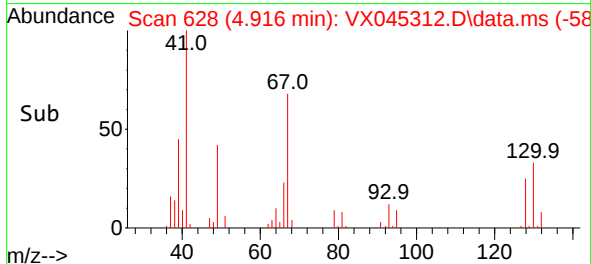
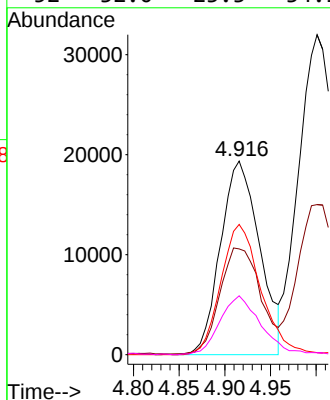
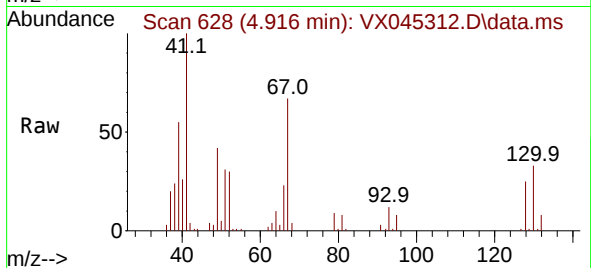
Tgt Ion: 41 Resp: 57809
Ion Ratio Lower Upper
41 100
39 57.0 44.6 67.0
67 68.9 53.9 80.9
52 32.0 23.3 34.9

Manual Integrations

APPROVED

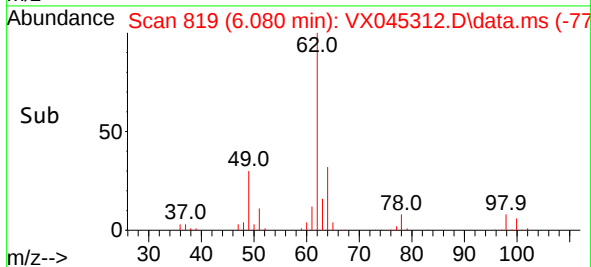
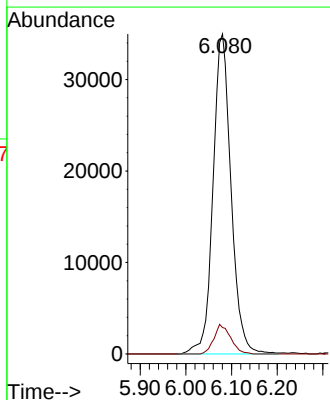
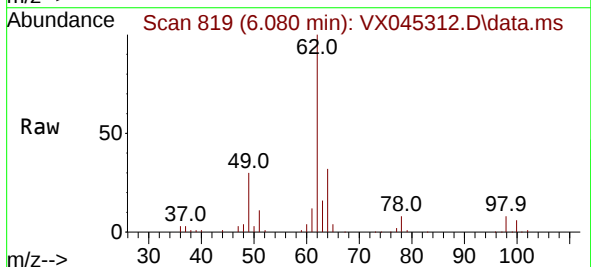
Reviewed By :John Carlone 03/19/2025

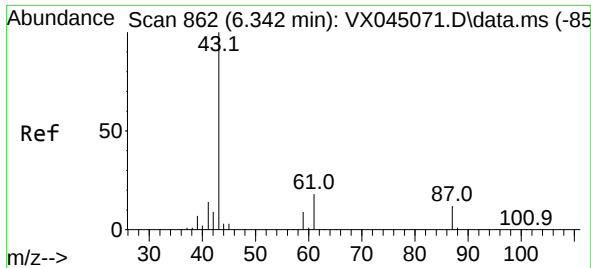
Supervised By :Mahesh Dadoda 03/19/2025



#42
1,2-Dichloroethane
Concen: 52.239 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

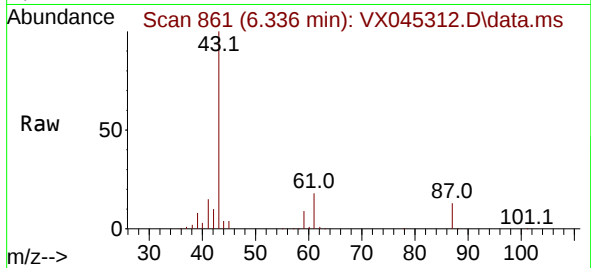
Tgt Ion: 62 Resp: 95767
Ion Ratio Lower Upper
62 100
98 8.5 0.0 18.2





#43
Isopropyl Acetate
Concen: 51.656 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

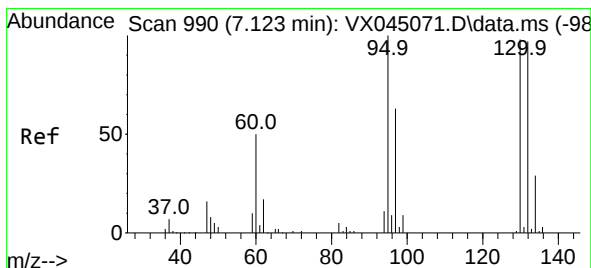
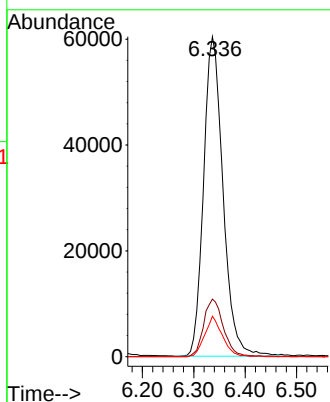
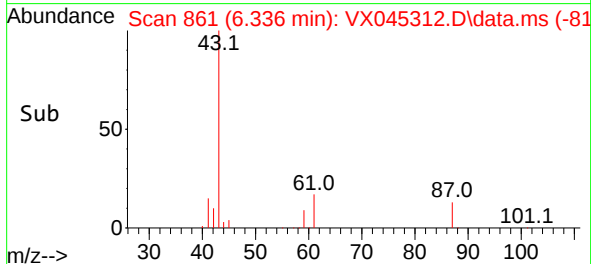
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



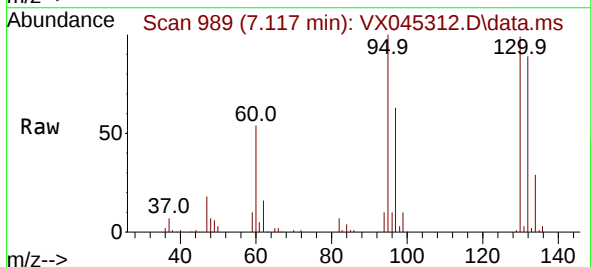
Tgt Ion: 43 Resp: 15868
Ion Ratio Lower Upper
43 100
61 18.3 14.9 22.3
87 11.5 9.4 14.2

Manual Integrations
APPROVED

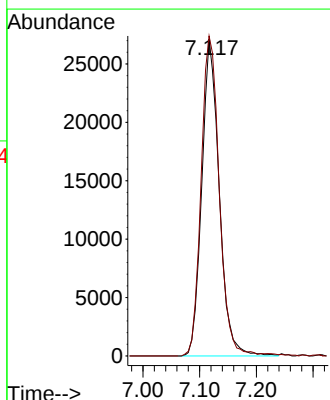
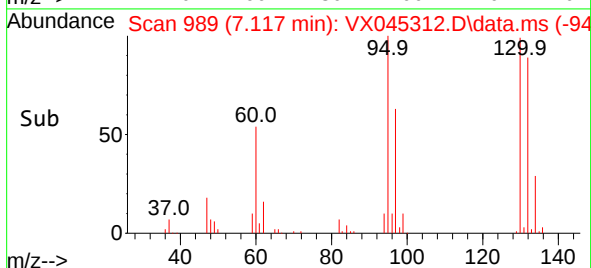
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#44
Trichloroethene
Concen: 48.376 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02



Tgt Ion:130 Resp: 57829
Ion Ratio Lower Upper
130 100
95 101.0 0.0 205.0





#45

1,2-Dichloropropane

Concen: 49.071 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX045312.D

Acq: 18 Mar 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 6423

Ion Ratio Lower Upper

63 100

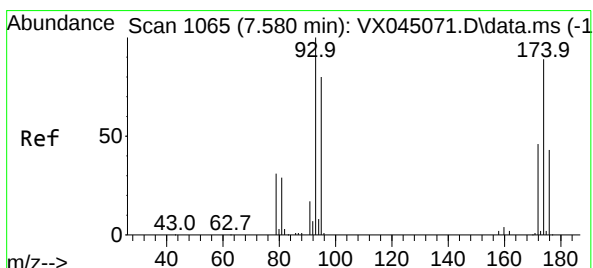
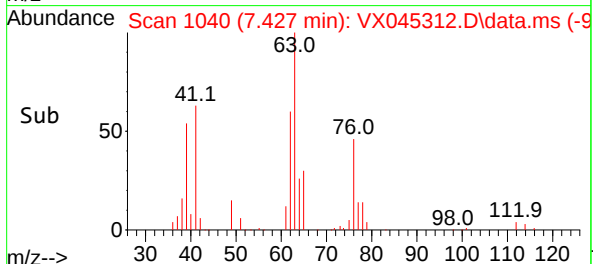
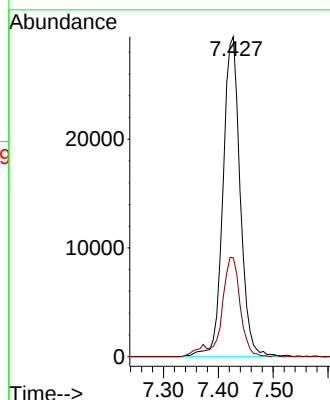
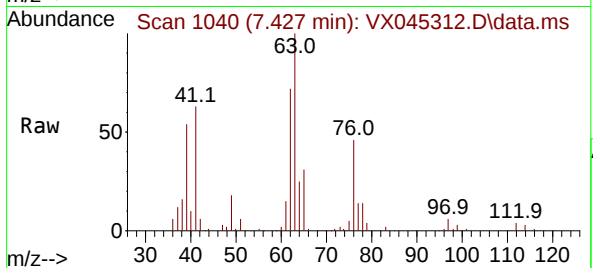
65 30.9 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2025

Supervised By :Mahesh Dadoda 03/19/2025



#46

Dibromomethane

Concen: 51.526 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX045312.D

Acq: 18 Mar 2025 10:02

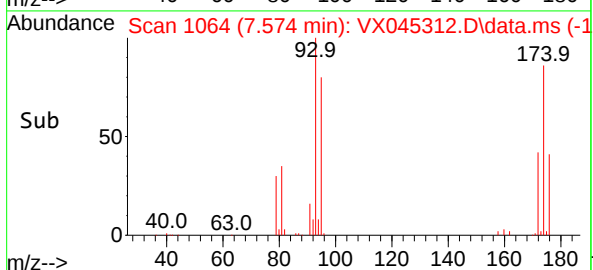
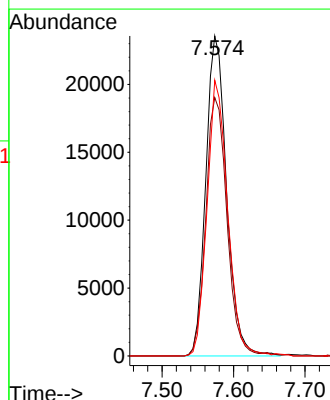
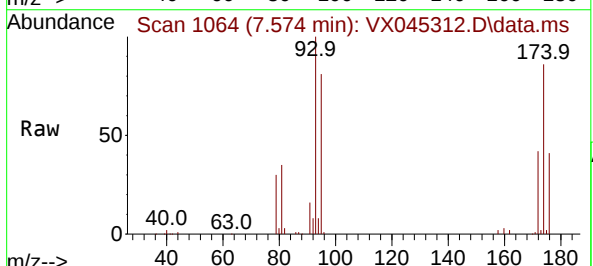
Tgt Ion: 93 Resp: 47670

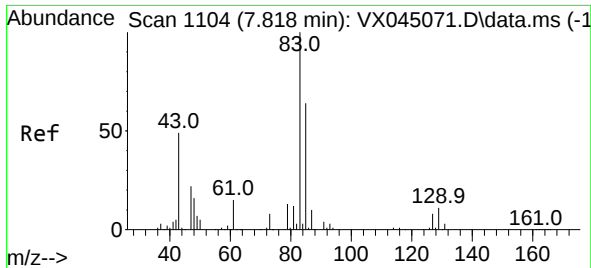
Ion Ratio Lower Upper

93 100

95 82.5 65.8 98.8

174 85.2 72.2 108.2





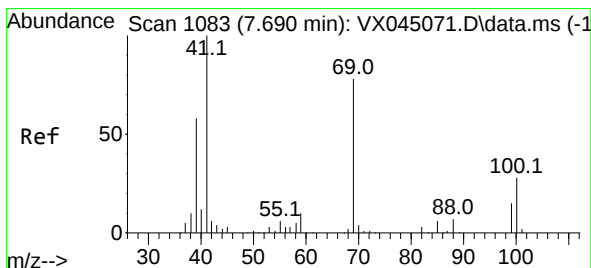
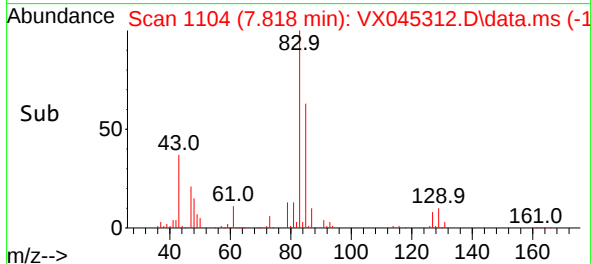
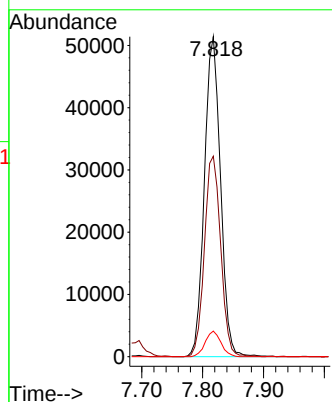
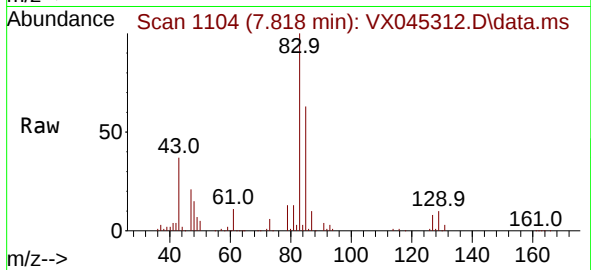
#47
Bromodichloromethane
Concen: 52.012 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 9438
Ion Ratio Lower Upper
83 100
85 62.6 51.1 76.7
127 8.0 6.4 9.6

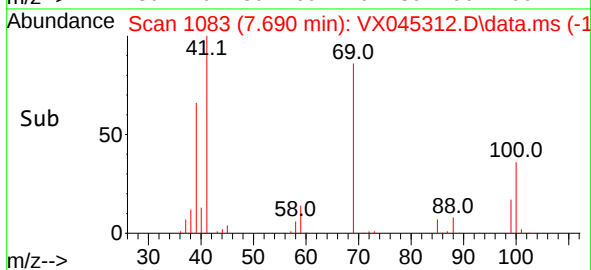
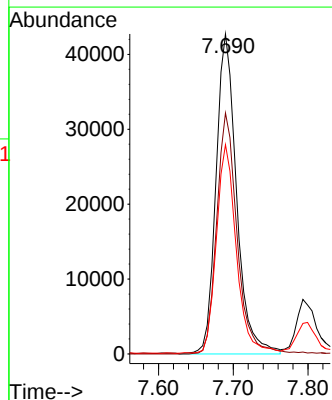
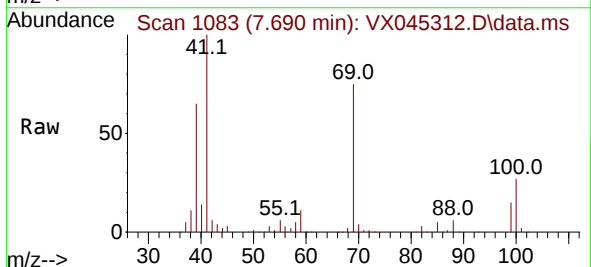
Manual Integrations
APPROVED

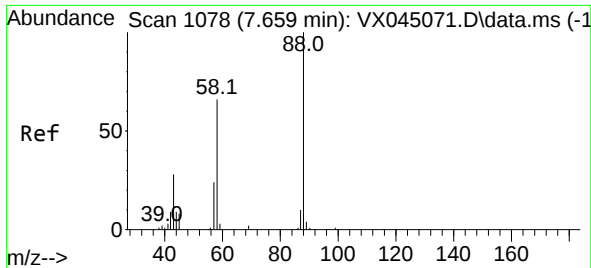
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#48
Methyl methacrylate
Concen: 53.109 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 41 Resp: 81849
Ion Ratio Lower Upper
41 100
69 75.3 63.0 94.6
39 63.4 47.5 71.3





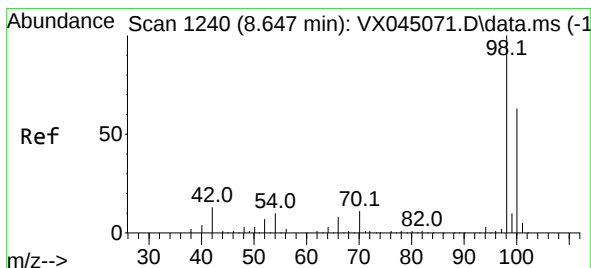
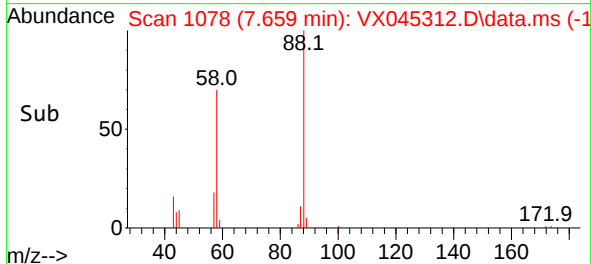
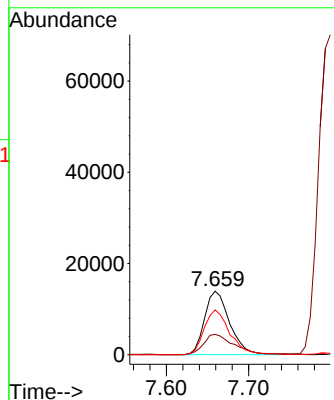
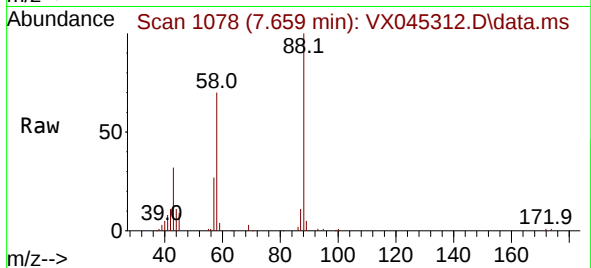
#49
1,4-Dioxane
Concen: 907.231 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 2949
Ion Ratio Lower Upper
88 100
43 39.1 28.7 43.1
58 72.7 55.8 83.8

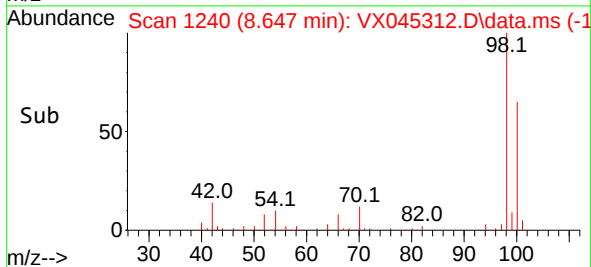
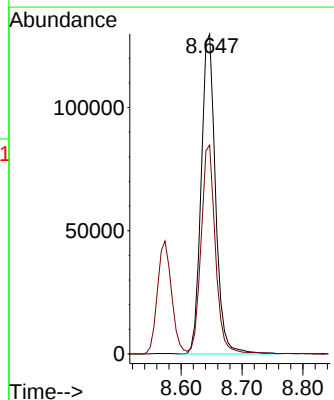
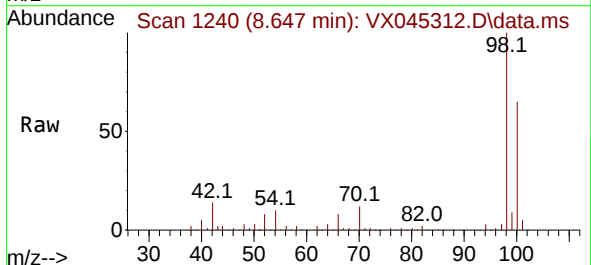
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#50
Toluene-d8
Concen: 49.996 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

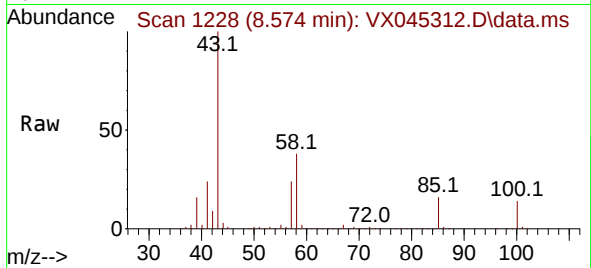
Tgt Ion: 98 Resp: 213078
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 259.644 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

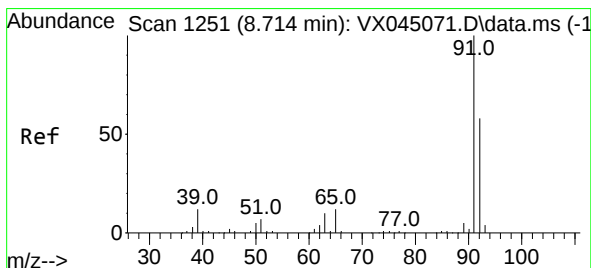
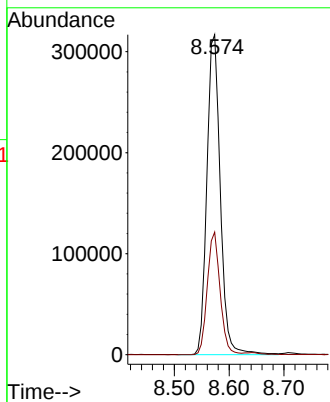
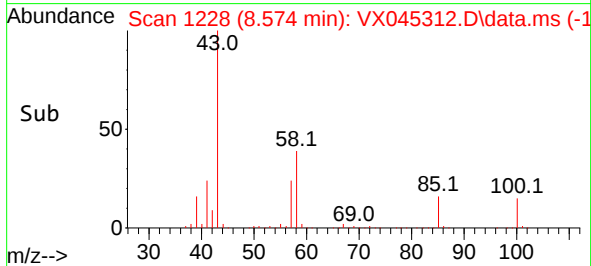
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 535549
Ion Ratio Lower Upper
43 100
58 36.6 29.2 43.8

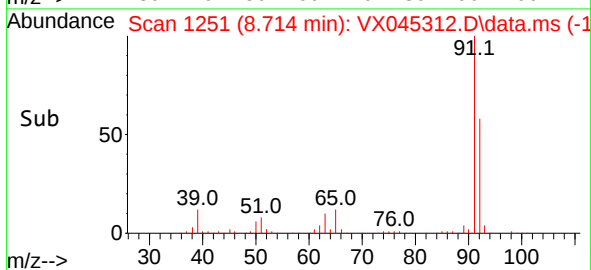
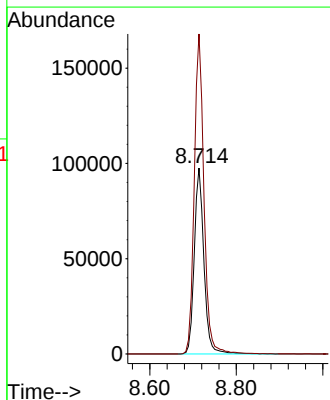
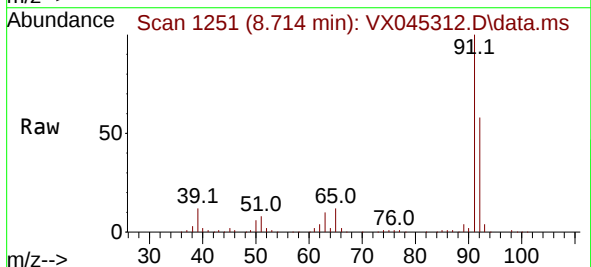
Manual Integrations
APPROVED

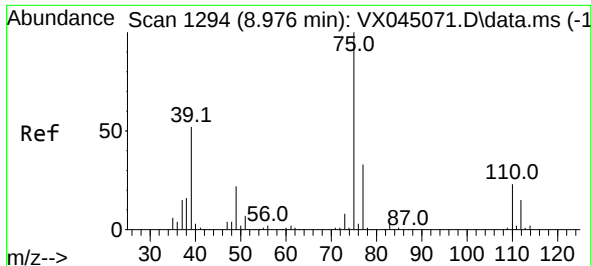
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#52
Toluene
Concen: 50.515 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 92 Resp: 150886
Ion Ratio Lower Upper
92 100
91 172.7 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 55.465 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX045312.D

Acq: 18 Mar 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 8414

Ion Ratio Lower Upper

75 100

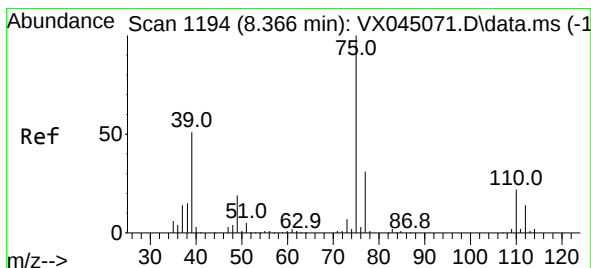
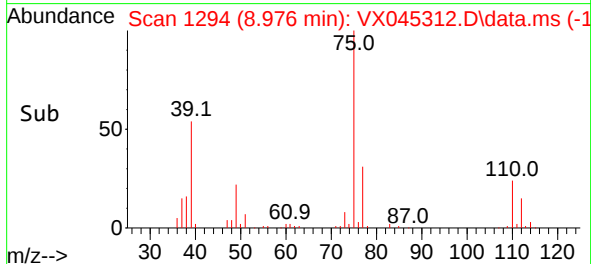
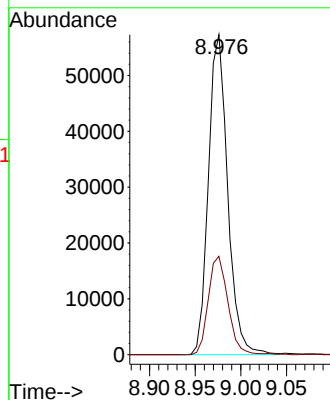
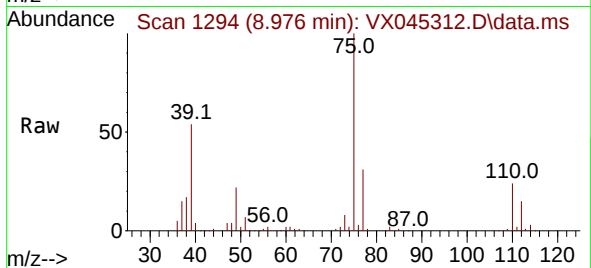
77 30.8 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2025

Supervised By :Mahesh Dadoda 03/19/2025



#54

cis-1,3-Dichloropropene

Concen: 54.190 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX045312.D

Acq: 18 Mar 2025 10:02

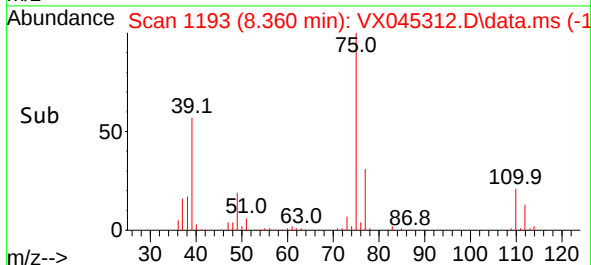
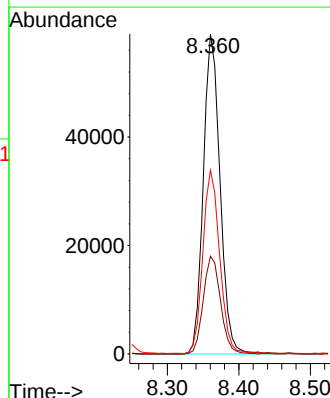
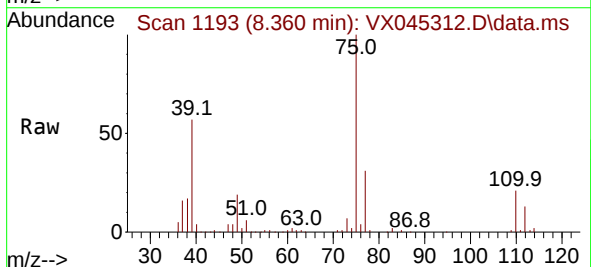
Tgt Ion: 75 Resp: 95867

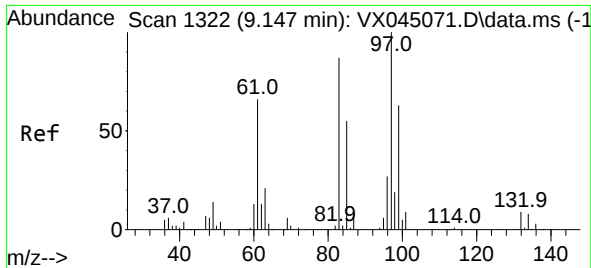
Ion Ratio Lower Upper

75 100

77 30.5 24.7 37.1

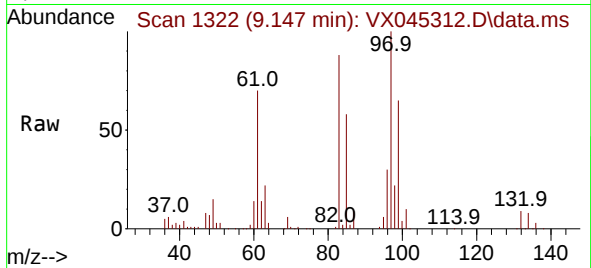
39 57.3 40.7 61.1





#55
1,1,2-Trichloroethane
Concen: 50.360 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

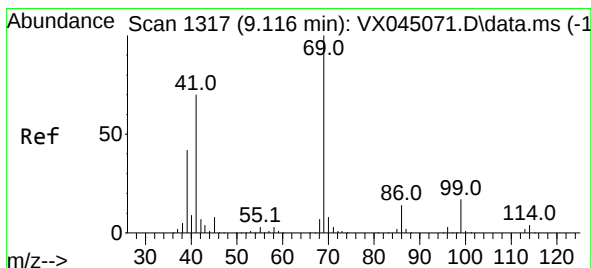
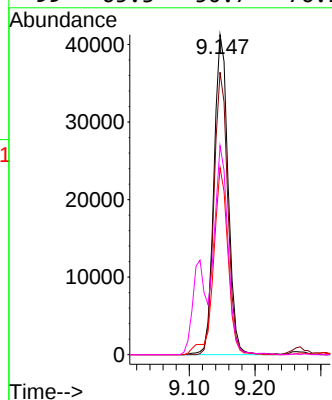
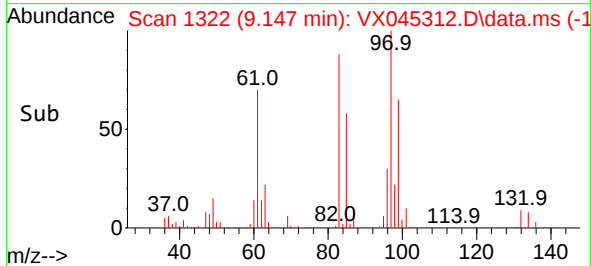
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



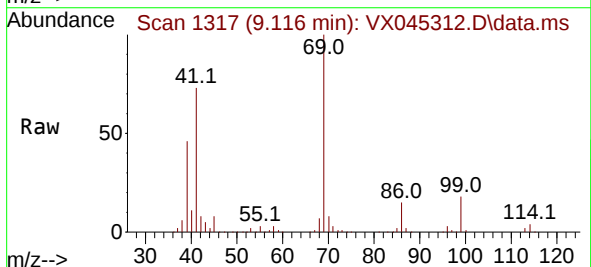
Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.3	69.4	104.2
85	58.5	44.1	66.1
99	65.3	50.7	76.1

Manual Integrations
APPROVED

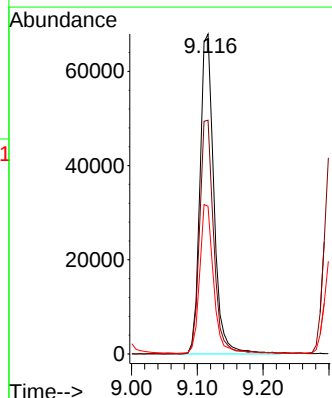
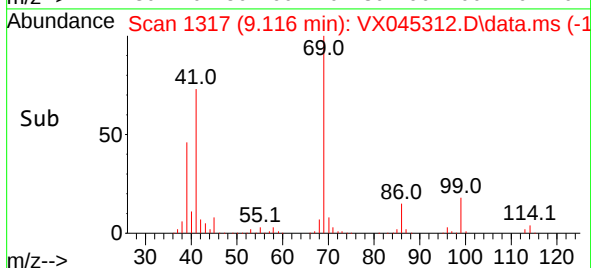
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

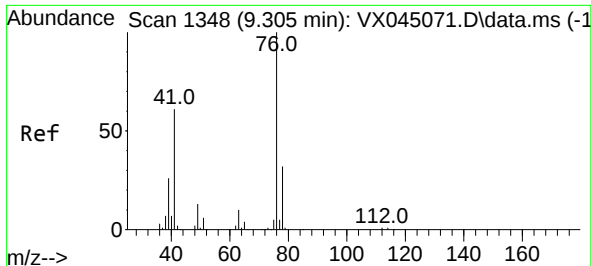


#56
Ethyl methacrylate
Concen: 53.664 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02



Tgt Ion	Ratio	Lower	Upper
69	100		
41	74.1	57.0	85.4
39	46.7	34.2	51.4





#57

1,3-Dichloropropane

Concen: 50.198 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045312.D

Acq: 18 Mar 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 10682

Ion Ratio Lower Upper

76 100

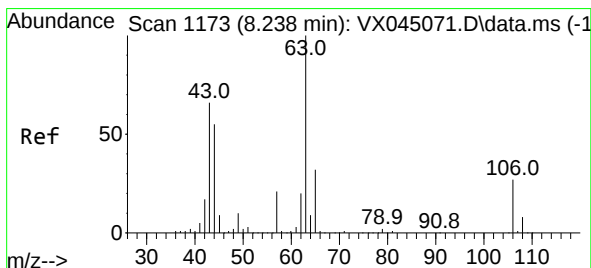
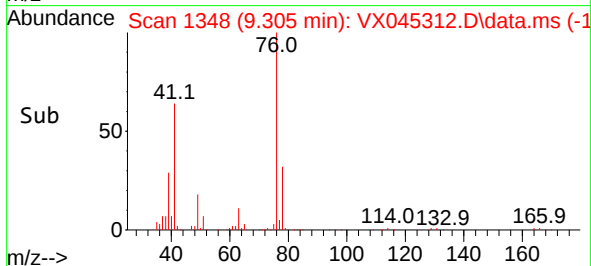
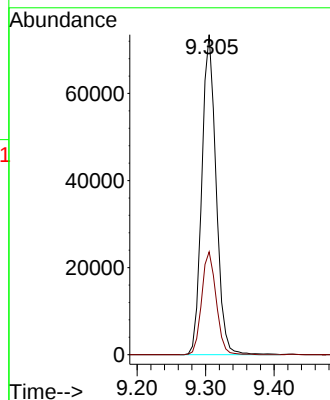
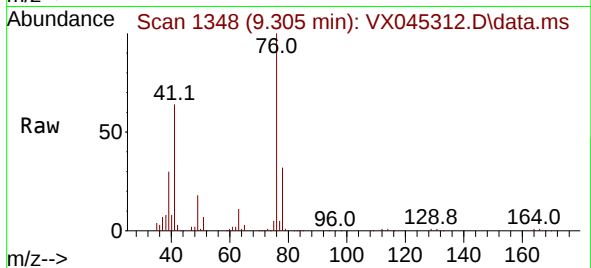
78 32.6 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2025

Supervised By :Mahesh Dadoda 03/19/2025



#58

2-Chloroethyl Vinyl ether

Concen: 290.649 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX045312.D

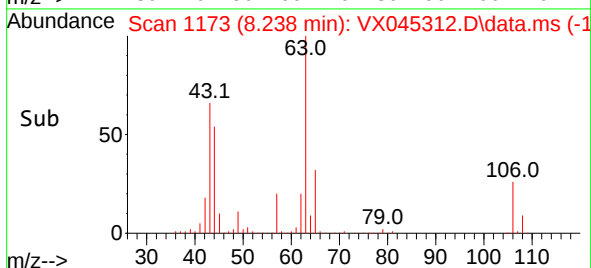
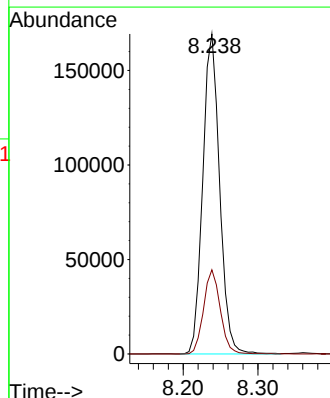
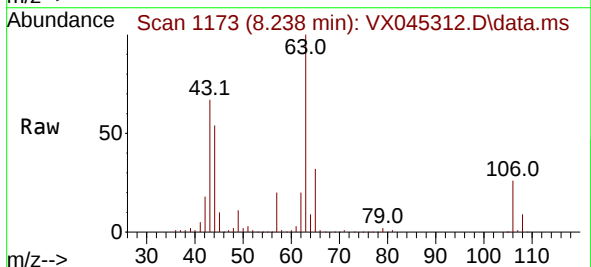
Acq: 18 Mar 2025 10:02

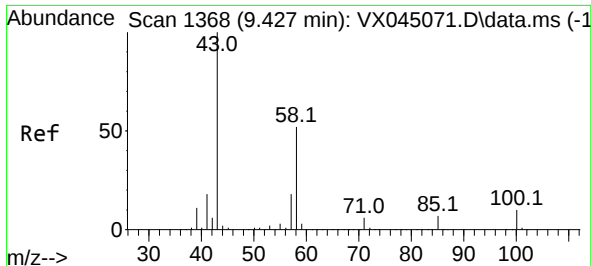
Tgt Ion: 63 Resp: 265011

Ion Ratio Lower Upper

63 100

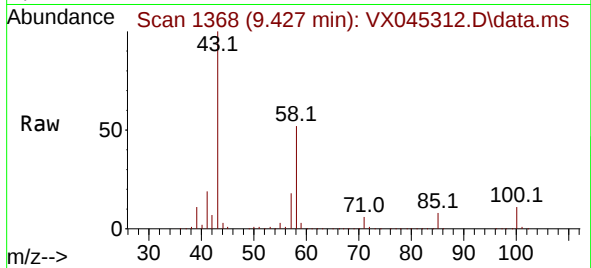
106 26.0 21.5 32.3





#59
2-Hexanone
Concen: 263.820 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

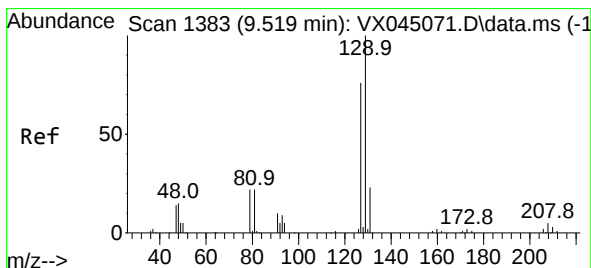
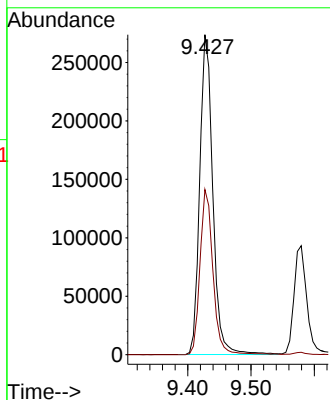
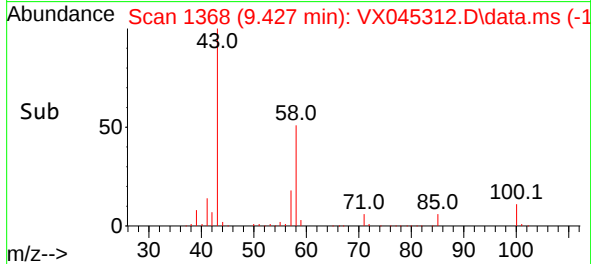
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 394260
Ion Ratio Lower Upper
43 100
58 51.3 25.9 77.6

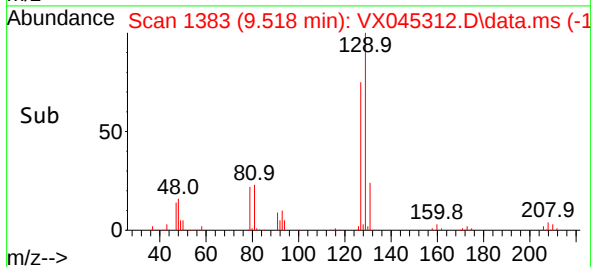
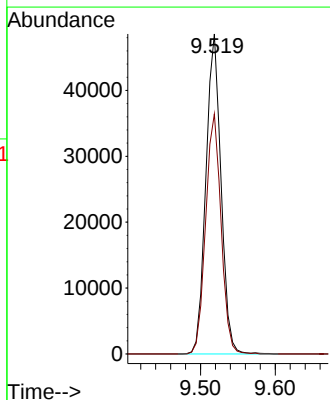
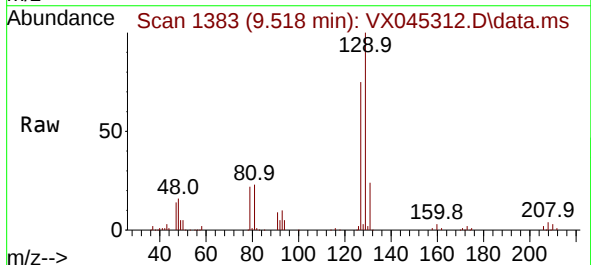
Manual Integrations
APPROVED

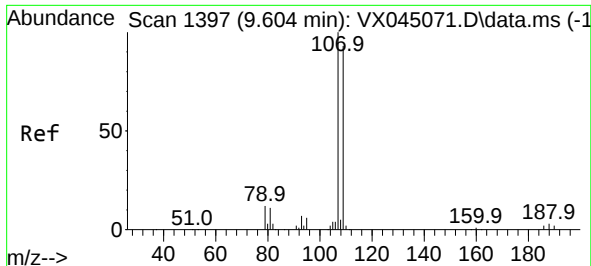
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#60
Dibromochloromethane
Concen: 53.043 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

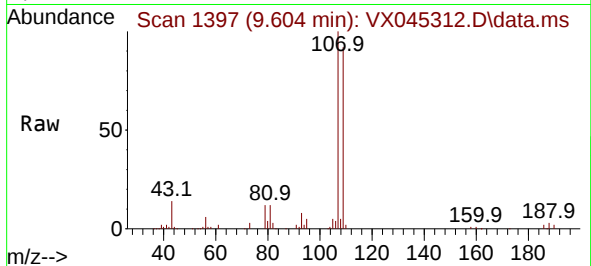
Tgt Ion:129 Resp: 68198
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.5





#61
1,2-Dibromoethane
Concen: 50.415 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

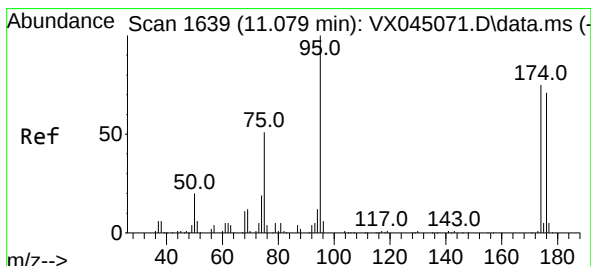
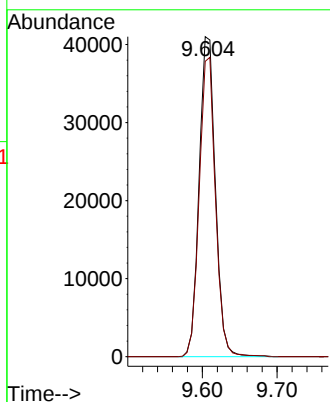
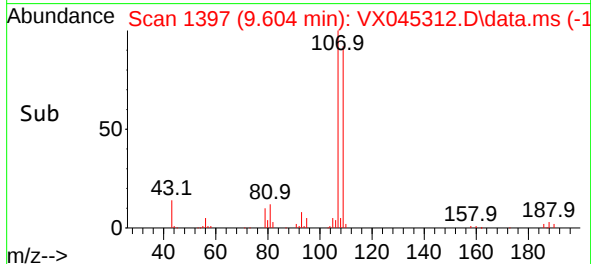
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



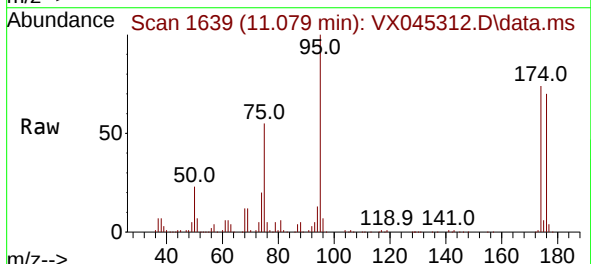
Tgt Ion:107 Resp: 6188
Ion Ratio Lower Upper
107 100
109 93.5 76.1 114.1

Manual Integrations
APPROVED

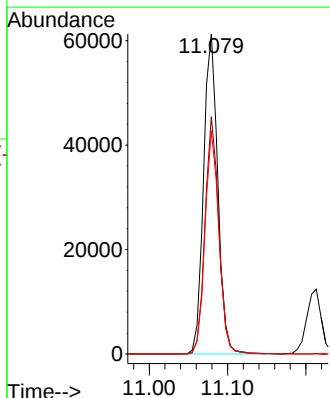
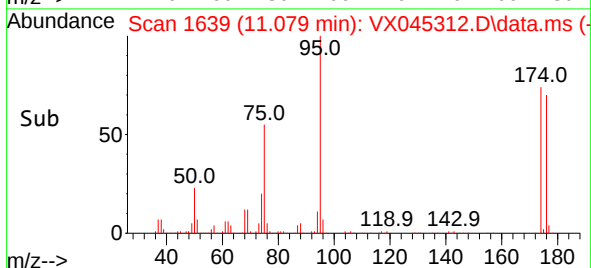
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

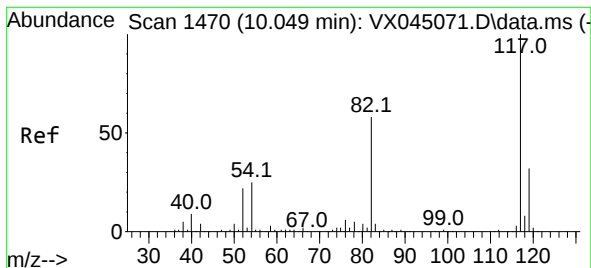


#62
4-Bromofluorobenzene
Concen: 54.557 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02



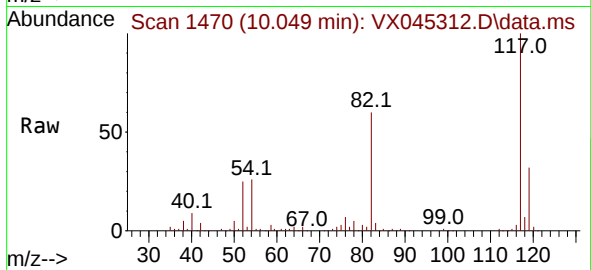
Tgt Ion: 95 Resp: 77049
Ion Ratio Lower Upper
95 100
174 72.3 0.0 148.2
176 68.3 0.0 141.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

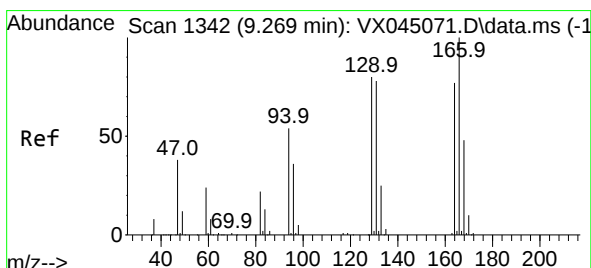
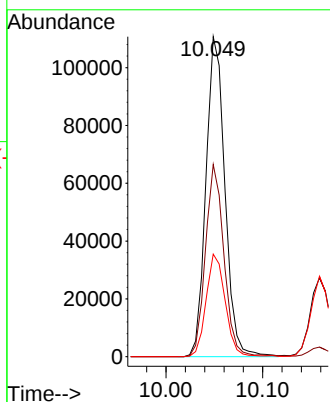
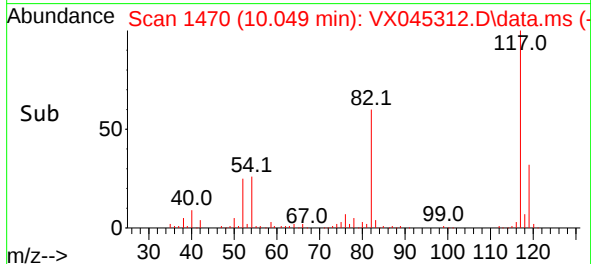
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 151379
Ion Ratio Lower Upper
117 100
82 60.0 46.3 69.5
119 32.0 25.7 38.5

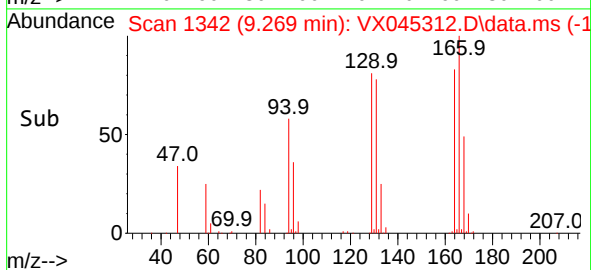
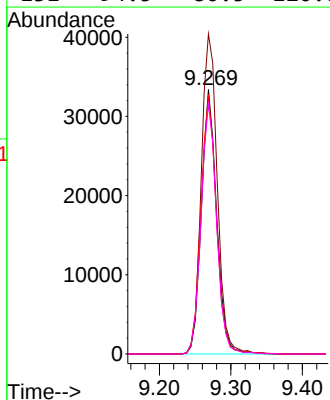
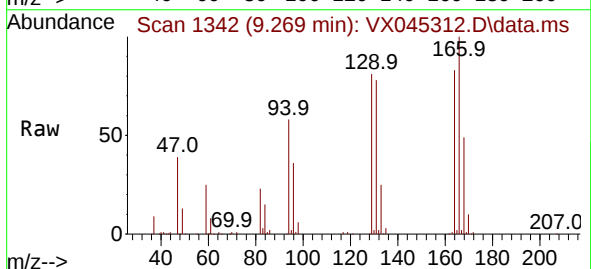
Manual Integrations
APPROVED

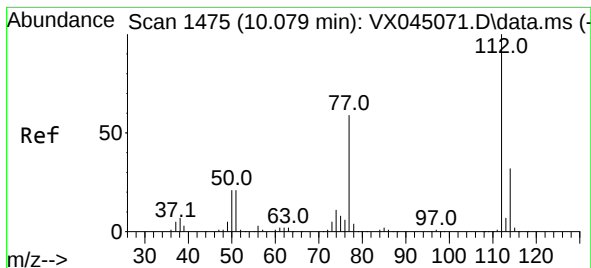
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#64
Tetrachloroethene
Concen: 51.098 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

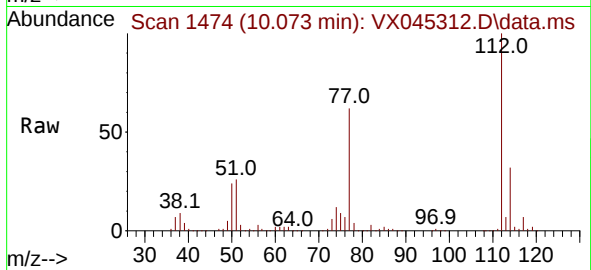
Tgt Ion:164 Resp: 49539
Ion Ratio Lower Upper
164 100
166 121.1 103.6 155.4
129 98.2 82.7 124.1
131 94.5 80.5 120.7





#65
Chlorobenzene
Concen: 50.822 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

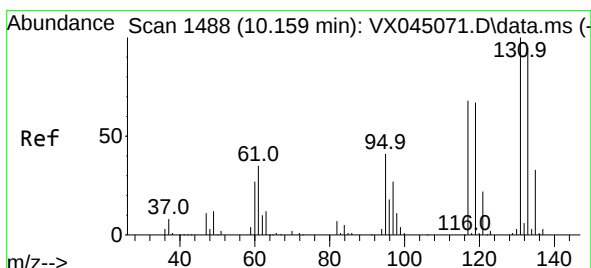
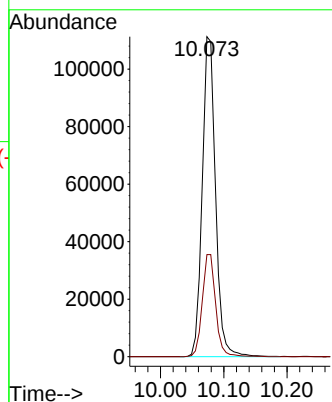
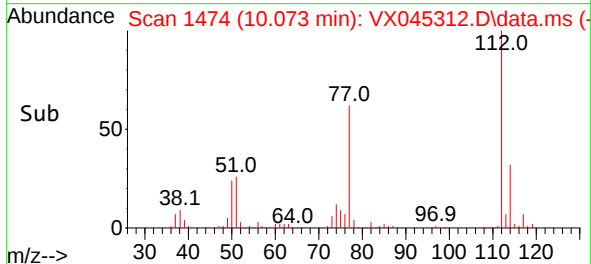
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



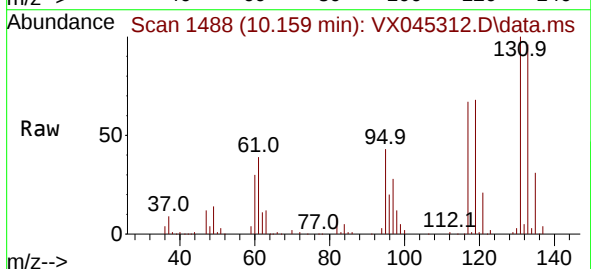
Tgt Ion:112 Resp: 162780
Ion Ratio Lower Upper
112 100
114 31.9 26.0 39.0

Manual Integrations
APPROVED

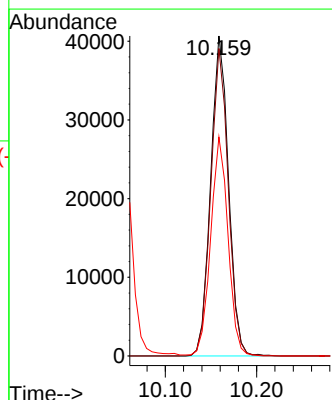
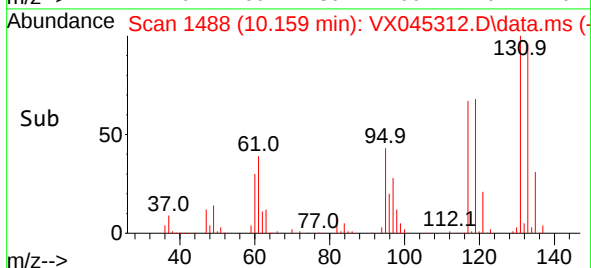
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

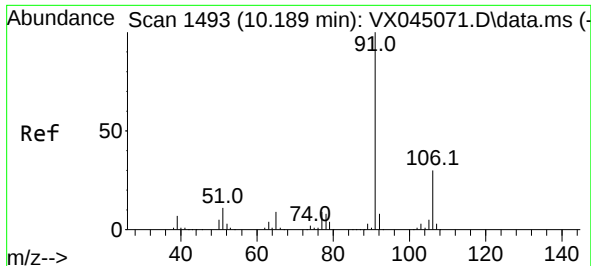


#66
1,1,1,2-Tetrachloroethane
Concen: 51.552 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02



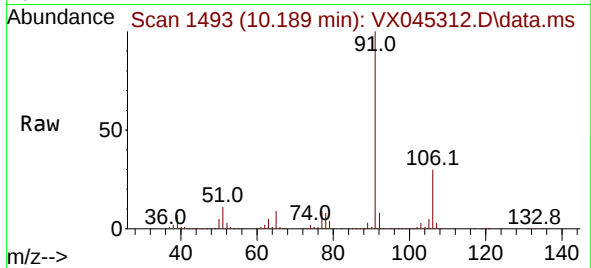
Tgt Ion:131 Resp: 54990
Ion Ratio Lower Upper
131 100
133 94.6 48.6 145.9
119 66.7 33.9 101.7





#67
Ethyl Benzene
Concen: 51.743 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

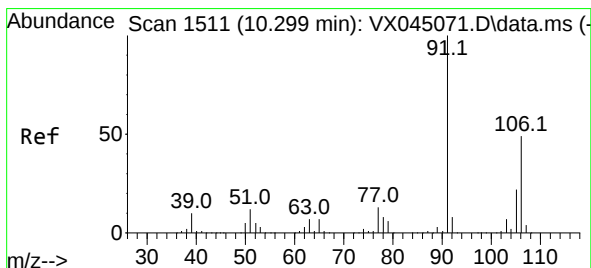
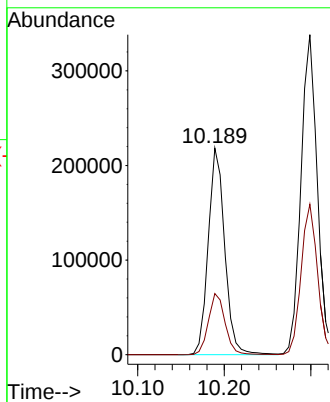
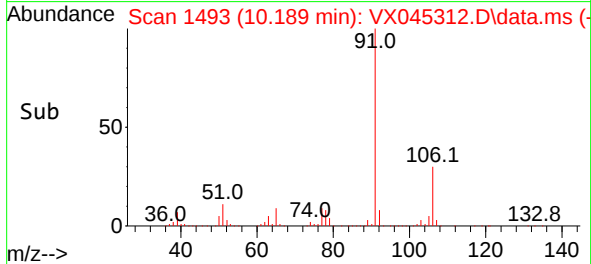
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



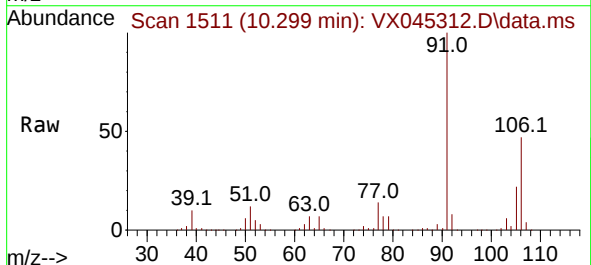
Tgt Ion: 91 Resp: 288783
Ion Ratio Lower Upper
91 100
106 29.6 23.9 35.9

Manual Integrations
APPROVED

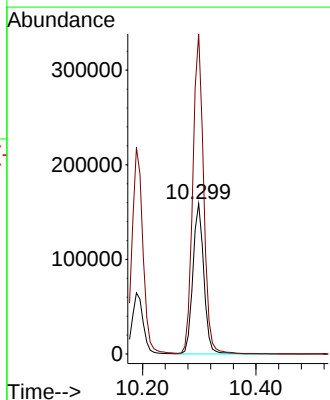
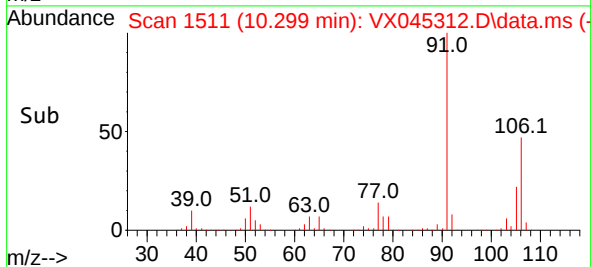
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

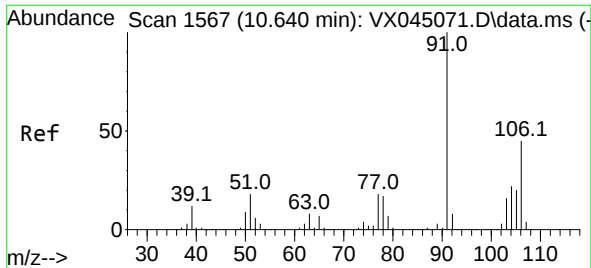


#68
m/p-Xylenes
Concen: 104.167 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02



Tgt Ion:106 Resp: 212826
Ion Ratio Lower Upper
106 100
91 210.5 165.4 248.0





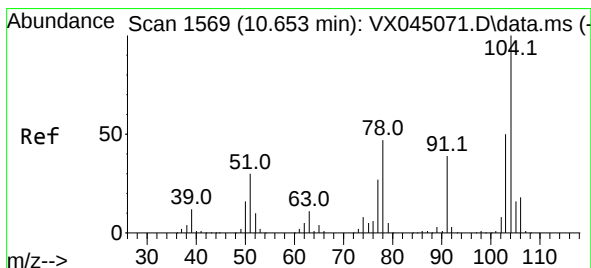
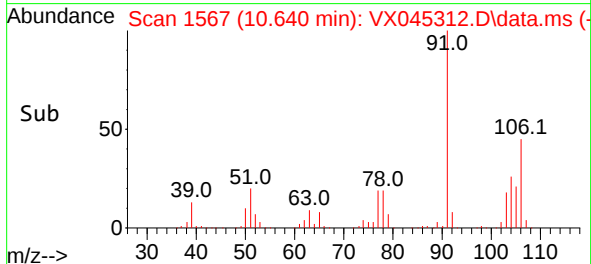
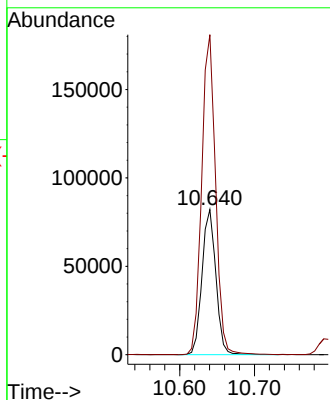
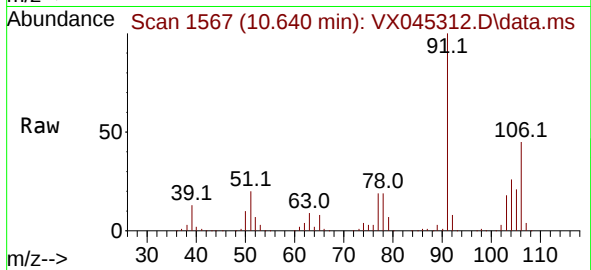
#69
o-Xylene
Concen: 51.291 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 105690
Ion Ratio Lower Upper
106 100
91 220.8 109.9 329.6

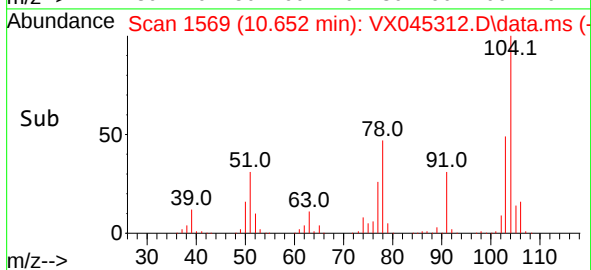
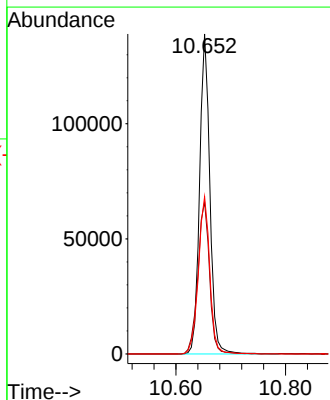
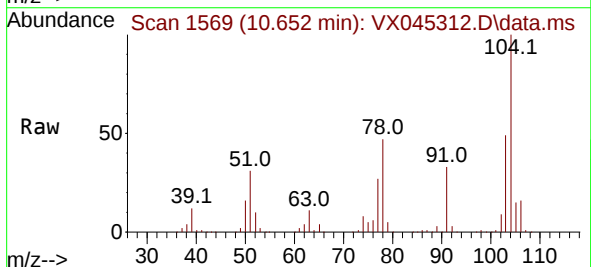
Manual Integrations
APPROVED

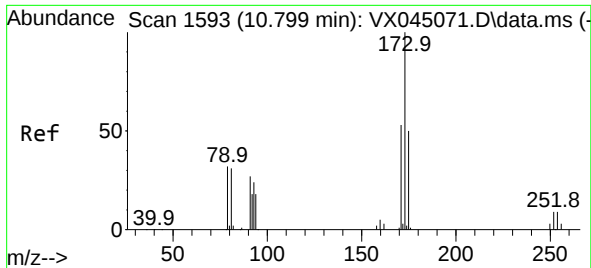
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#70
Styrene
Concen: 54.166 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

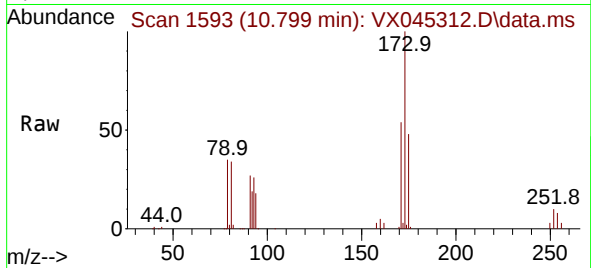
Tgt Ion:104 Resp: 180599
Ion Ratio Lower Upper
104 100
78 54.4 42.2 63.4
103 55.0 43.8 65.8





#71
Bromoform
Concen: 54.084 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

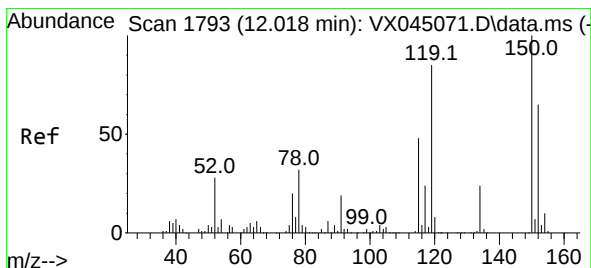
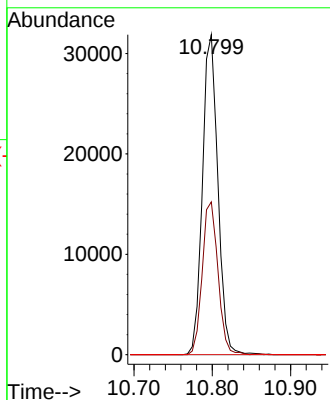
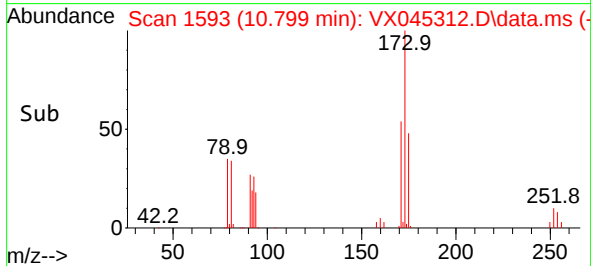
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



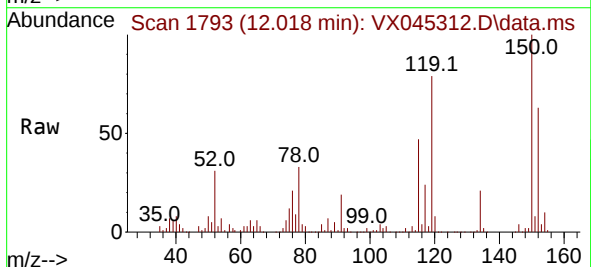
Tgt Ion:173 Resp: 43504
Ion Ratio Lower Upper
173 100
175 48.6 24.6 73.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

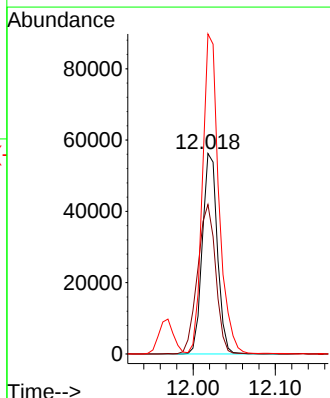
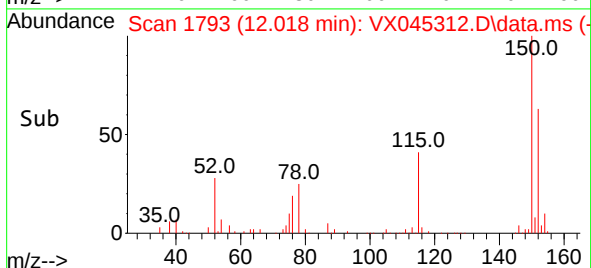
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

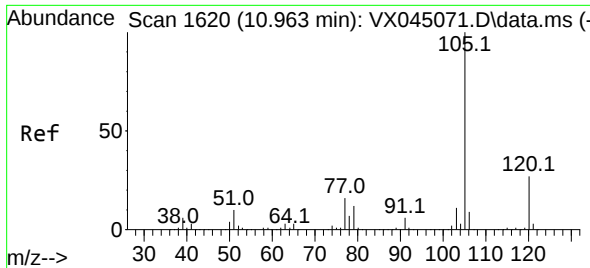


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02



Tgt Ion:152 Resp: 71356
Ion Ratio Lower Upper
152 100
115 89.8 44.2 132.6
150 173.0 0.0 349.0





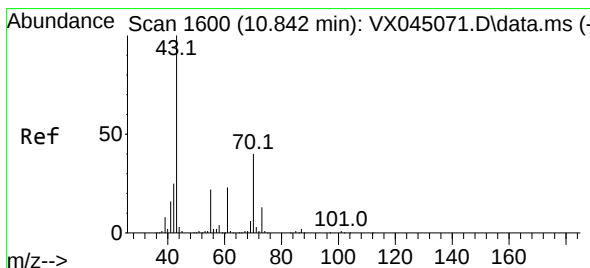
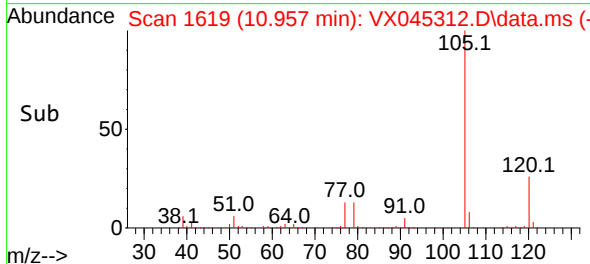
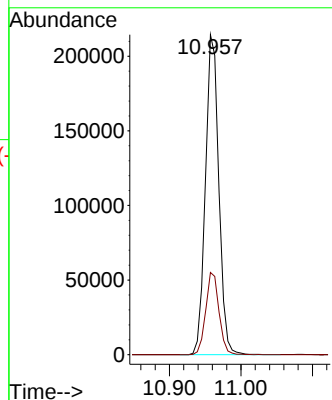
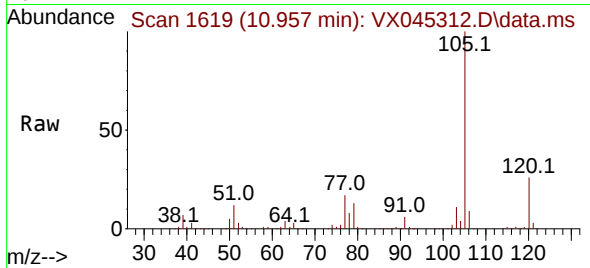
#73
Isopropylbenzene
Concen: 50.023 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 278600
Ion Ratio Lower Upper
105 100
120 25.5 13.2 39.5

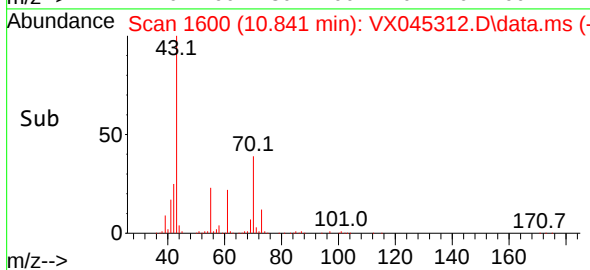
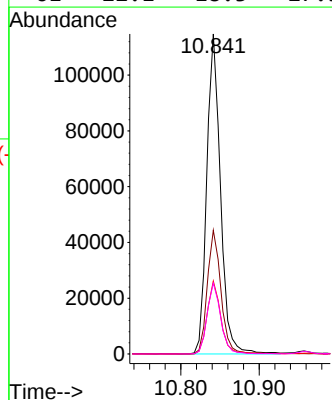
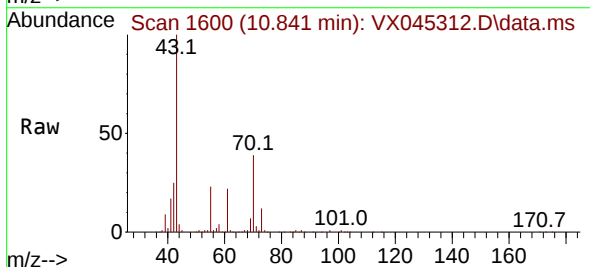
Manual Integrations
APPROVED

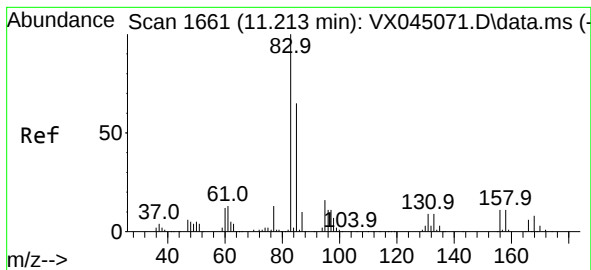
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#74
N-ethyl acetate
Concen: 53.226 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Tgt Ion: 43 Resp: 139101
Ion Ratio Lower Upper
43 100
70 38.5 31.8 47.6
55 22.9 18.3 27.5
61 22.1 18.3 27.5





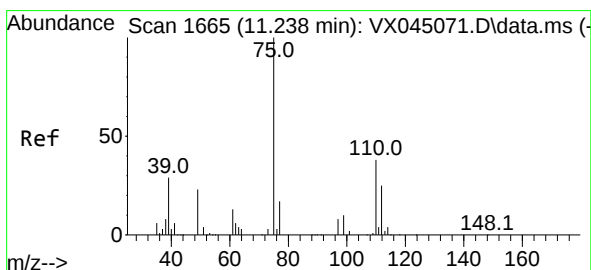
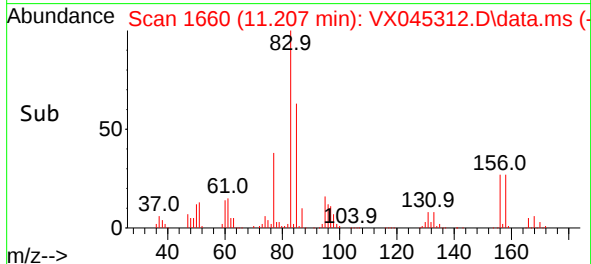
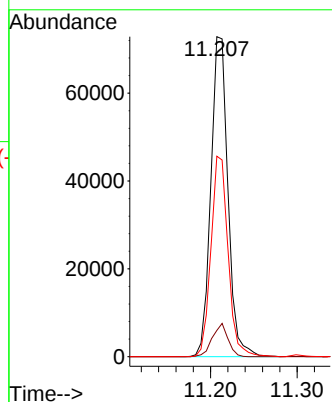
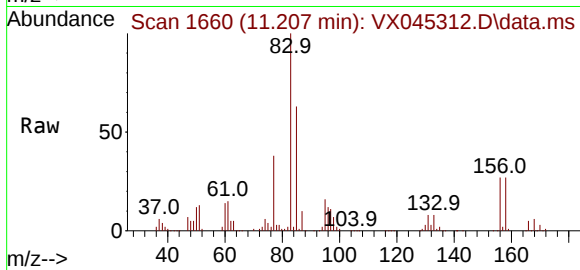
#75
1,1,2,2-Tetrachloroethane
Concen: 48.809 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 99750
Ion Ratio Lower Upper
83 100
131 9.5 4.5 13.4
85 62.9 31.7 95.1

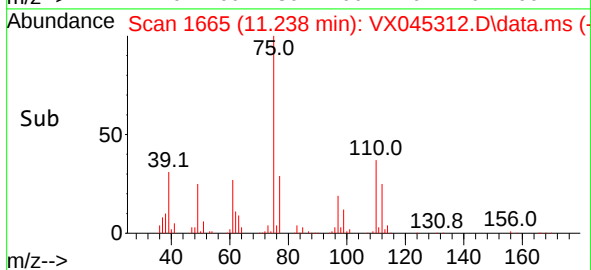
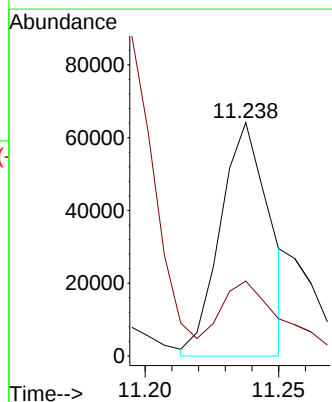
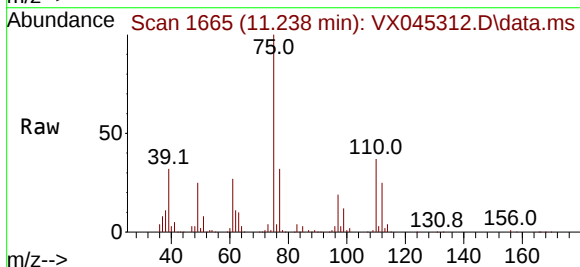
Manual Integrations
APPROVED

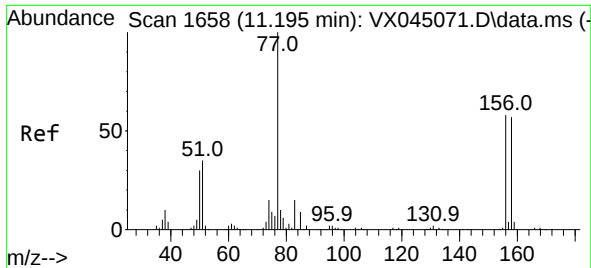
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#76
1,2,3-Trichloropropane
Concen: 49.055 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

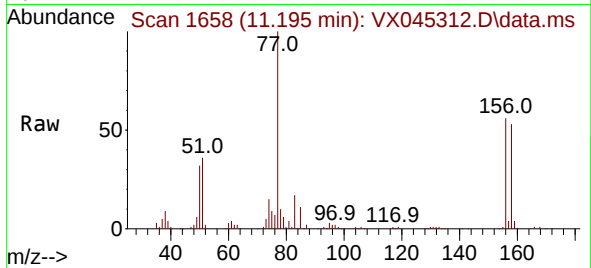
Tgt Ion: 75 Resp: 81471
Ion Ratio Lower Upper
75 100
77 41.5 20.7 62.1





#77
Bromobenzene
Concen: 49.150 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

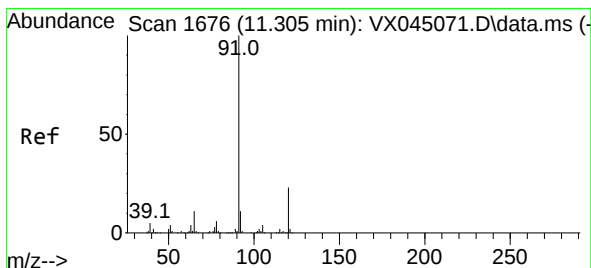
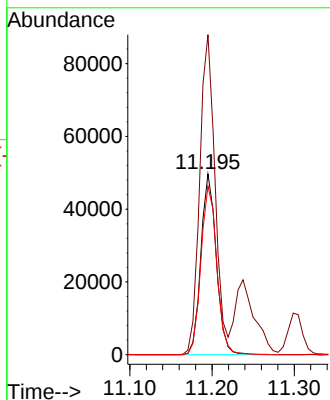
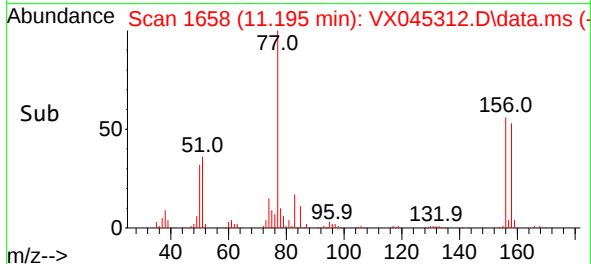
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



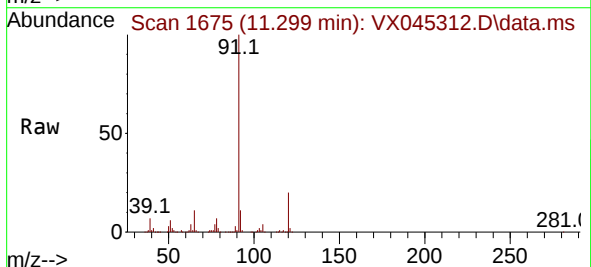
Tgt Ion:156 Resp: 64588
Ion Ratio Lower Upper
156 100
77 176.3 85.8 257.4
158 96.1 48.4 145.2

Manual Integrations
APPROVED

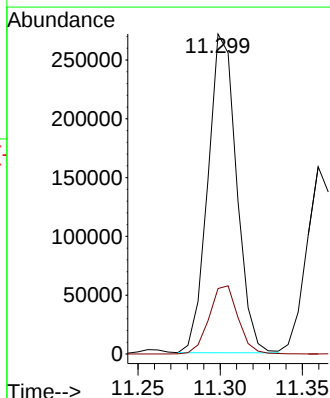
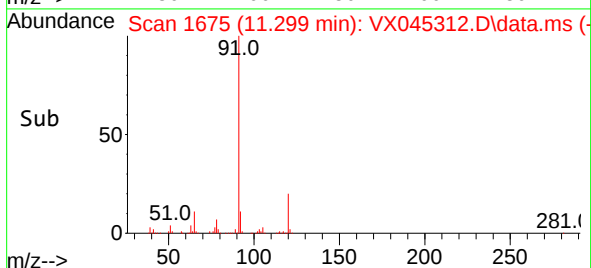
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#78
n-propylbenzene
Concen: 52.338 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02



Tgt Ion: 91 Resp: 329285
Ion Ratio Lower Upper
91 100
120 21.6 11.2 33.6





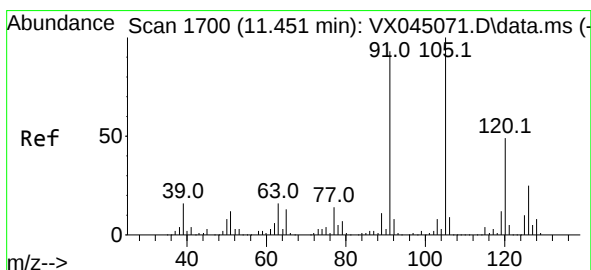
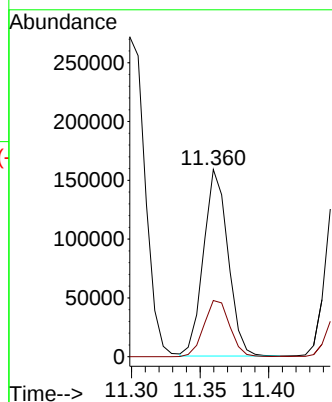
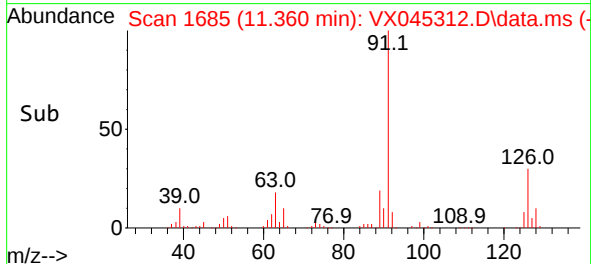
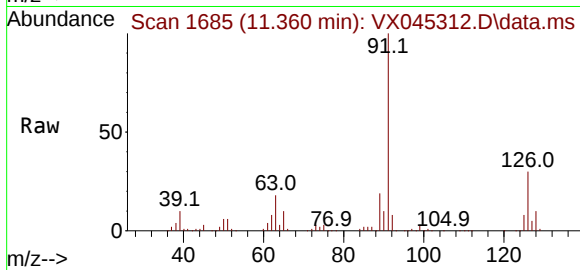
#79
2-Chlorotoluene
Concen: 49.301 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 19754
Ion Ratio Lower Upper
91 100
126 31.8 16.4 49.4

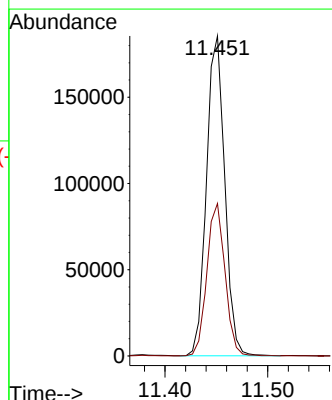
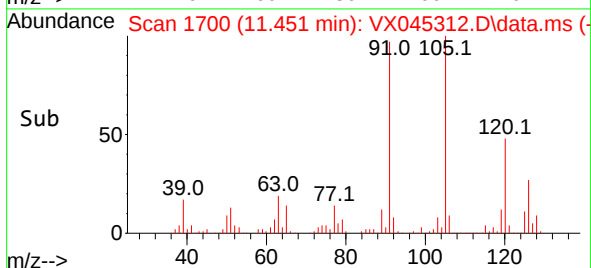
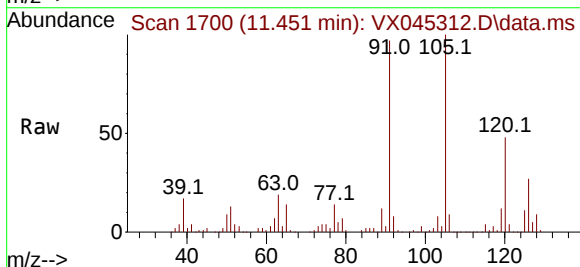
Manual Integrations
APPROVED

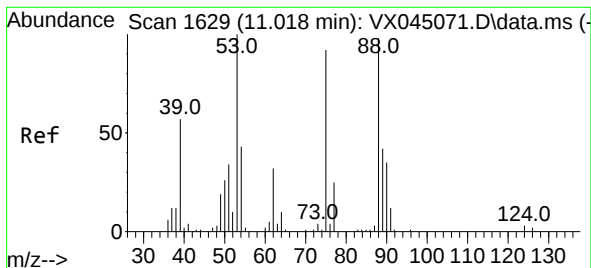
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#80
1,3,5-Trimethylbenzene
Concen: 50.984 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

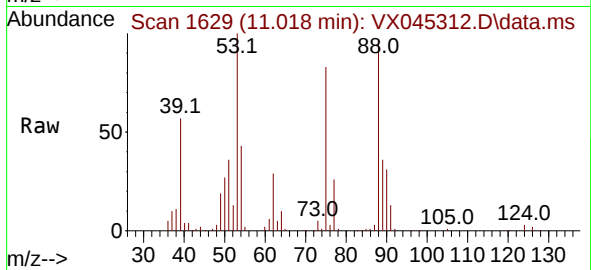
Tgt Ion:105 Resp: 229603
Ion Ratio Lower Upper
105 100
120 47.6 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 53.737 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

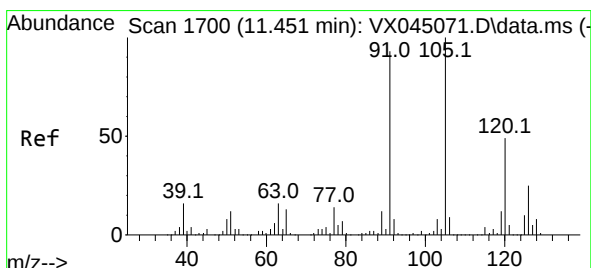
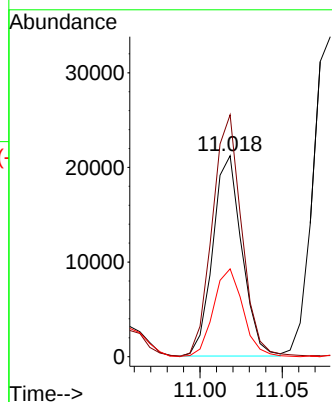
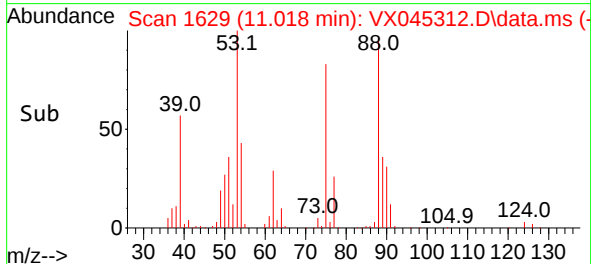
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



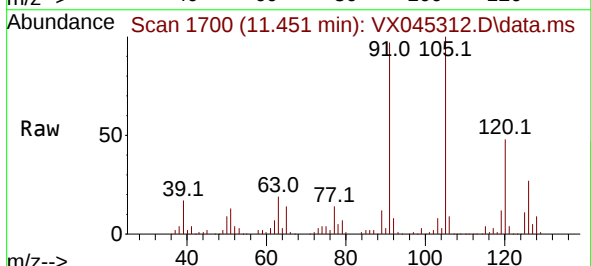
Tgt Ion: 75 Resp: 26079
Ion Ratio Lower Upper
75 100
53 122.5 88.5 132.7
89 44.5 36.2 54.4

Manual Integrations
APPROVED

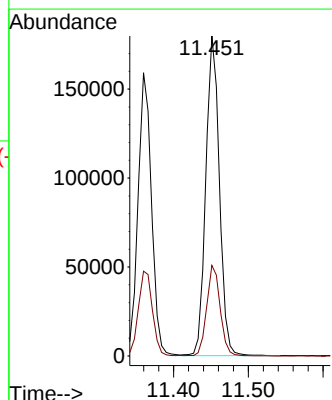
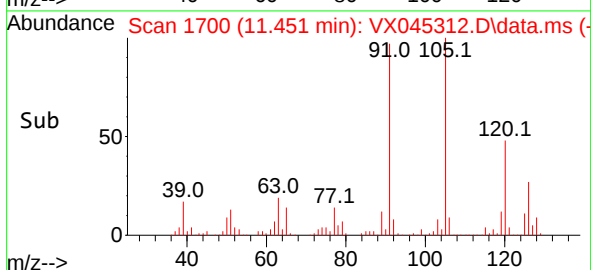
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

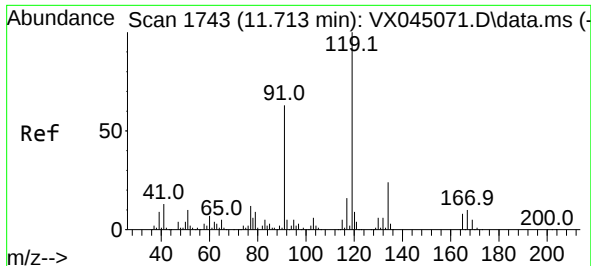


#82
4-Chlorotoluene
Concen: 51.902 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02



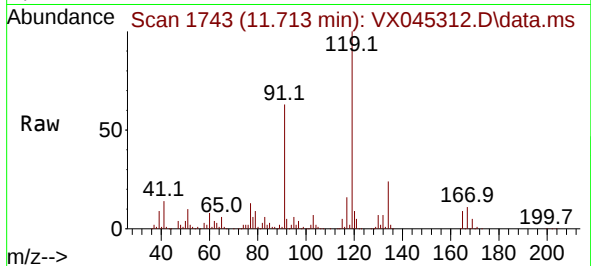
Tgt Ion: 91 Resp: 226650
Ion Ratio Lower Upper
91 100
126 28.2 14.1 42.4





#83
tert-Butylbenzene
Concen: 50.249 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

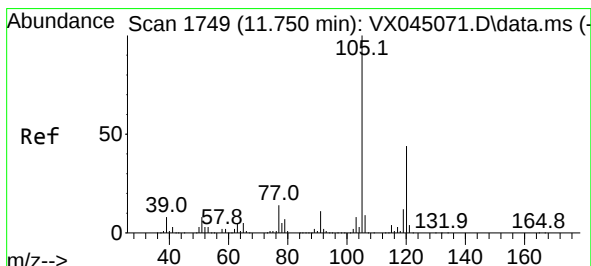
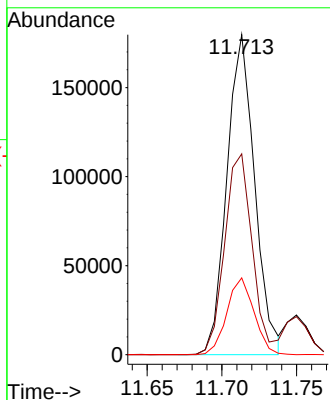
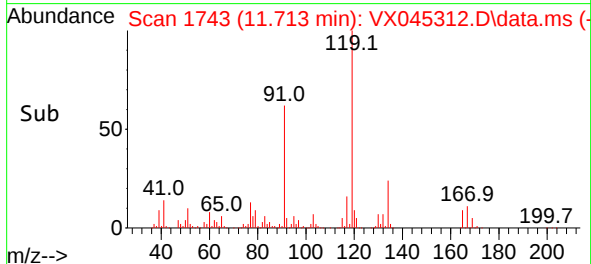
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



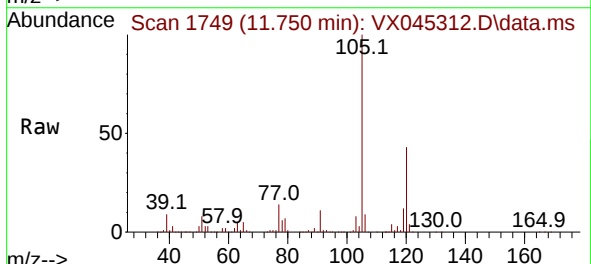
Tgt Ion:119 Resp: 23250
Ion Ratio Lower Upper
119 100
91 61.8 30.7 92.1
134 23.5 11.7 35.0

Manual Integrations
APPROVED

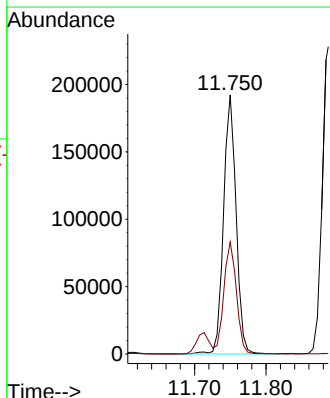
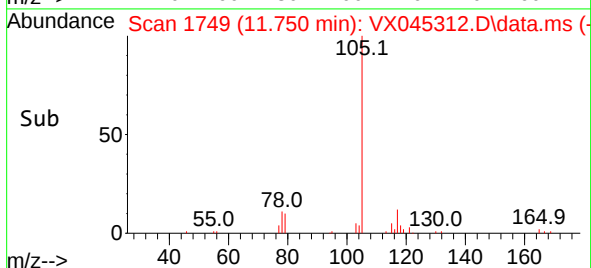
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

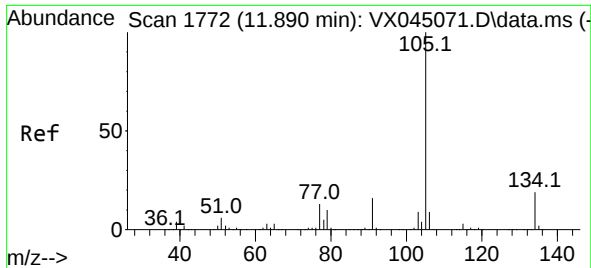


#84
1,2,4-Trimethylbenzene
Concen: 51.705 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02



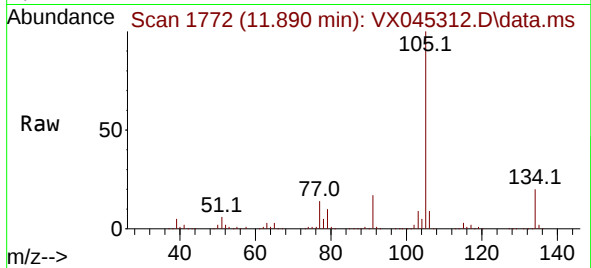
Tgt Ion:105 Resp: 234292
Ion Ratio Lower Upper
105 100
120 43.4 22.1 66.1





#85
 sec-Butylbenzene
 Concen: 53.254 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX045312.D
 Acq: 18 Mar 2025 10:02

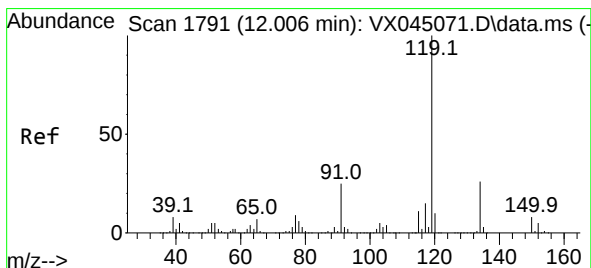
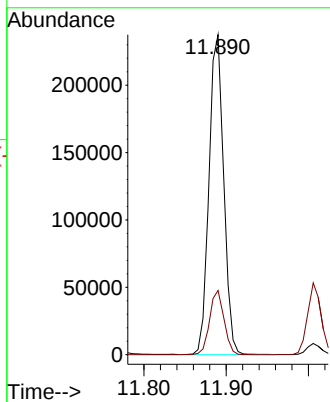
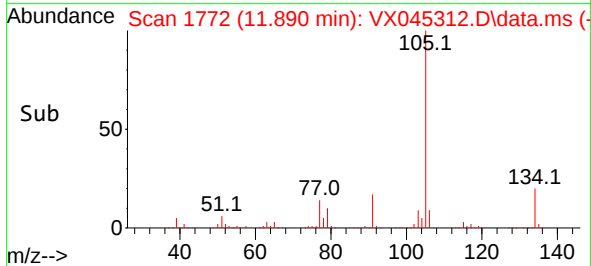
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



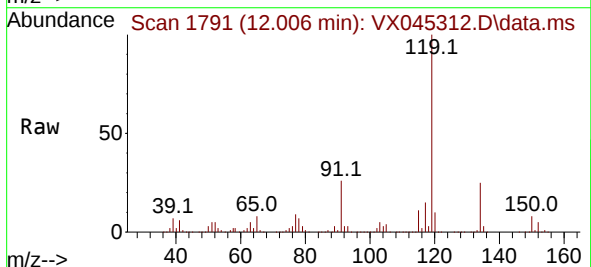
Tgt Ion:105 Resp: 295168
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4

Manual Integrations
 APPROVED

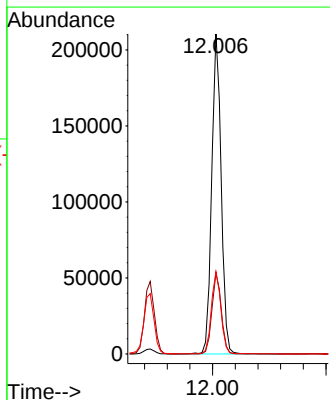
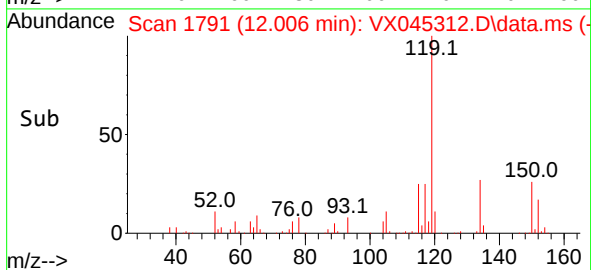
Reviewed By :John Carlone 03/19/2025
 Supervised By :Mahesh Dadoda 03/19/2025



#86
 p-Isopropyltoluene
 Concen: 54.417 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045312.D
 Acq: 18 Mar 2025 10:02



Tgt Ion:119 Resp: 243748
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.9 38.6
 91 25.9 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 51.323 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX045312.D

Acq: 18 Mar 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 120314

Ion Ratio Lower Upper

146 100

111 42.4 21.1 63.4

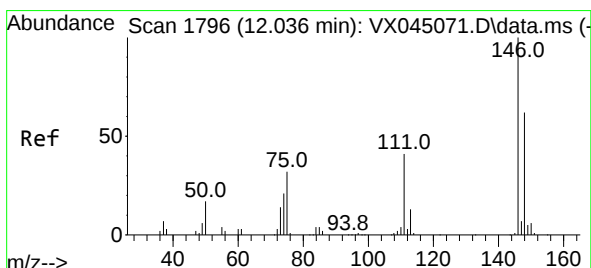
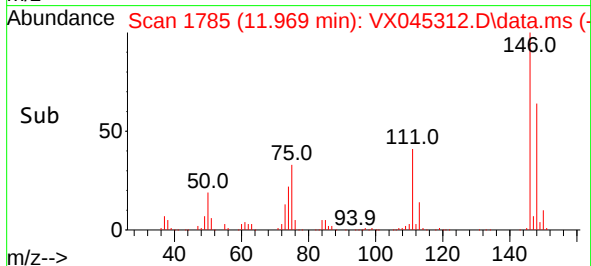
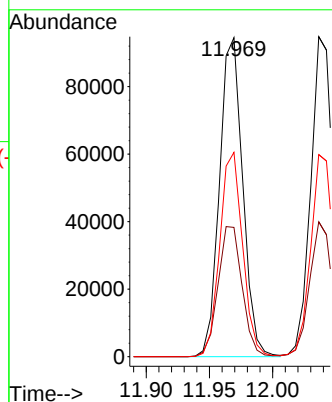
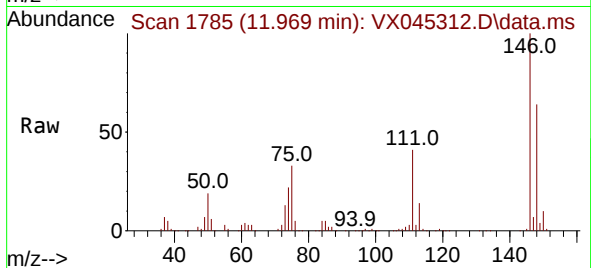
148 63.2 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2025

Supervised By :Mahesh Dadoda 03/19/2025



#88

1,4-Dichlorobenzene

Concen: 49.875 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX045312.D

Acq: 18 Mar 2025 10:02

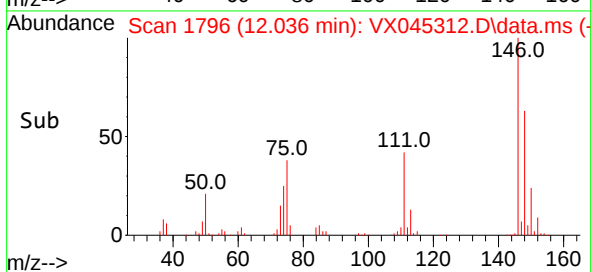
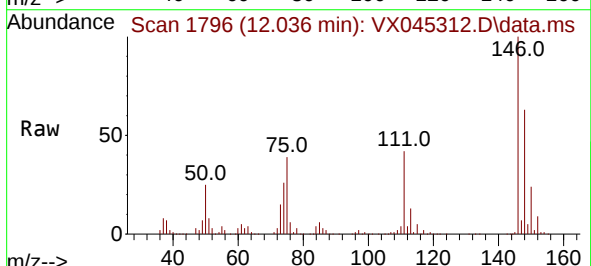
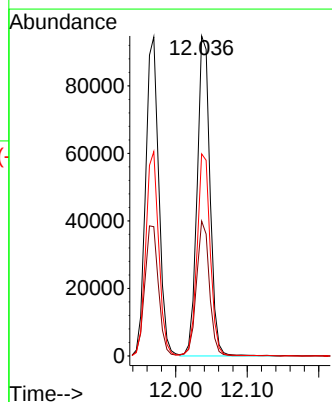
Tgt Ion:146 Resp: 118289

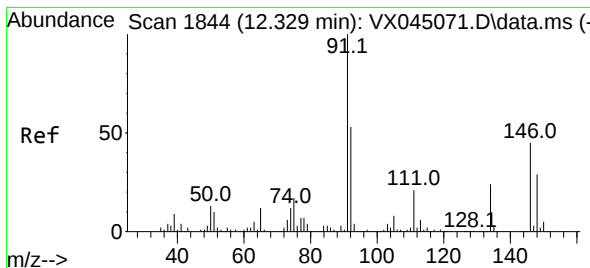
Ion Ratio Lower Upper

146 100

111 41.8 20.2 60.5

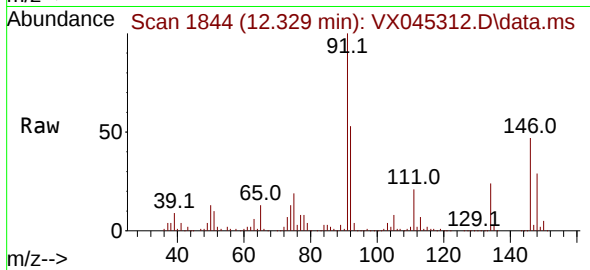
148 64.1 31.9 95.9





#89
n-Butylbenzene
Concen: 57.938 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

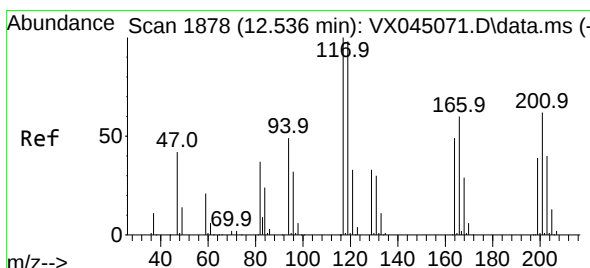
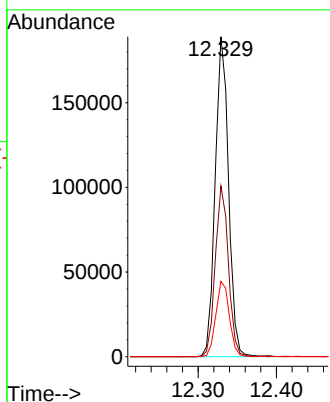
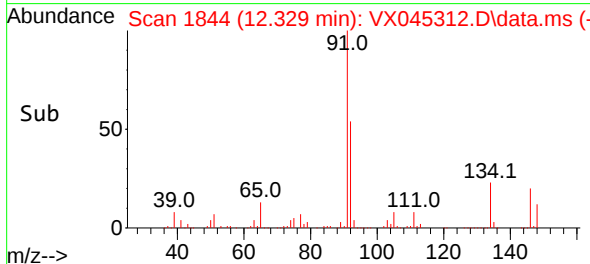
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 223520
Ion Ratio Lower Upper
91 100
92 52.7 26.7 80.0
134 23.9 12.2 36.6

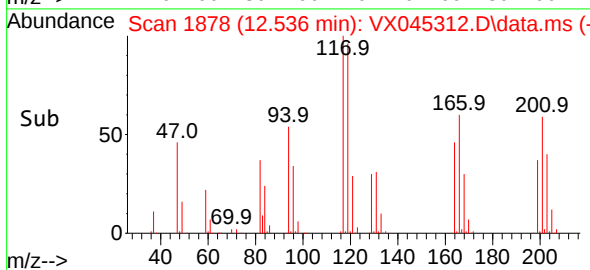
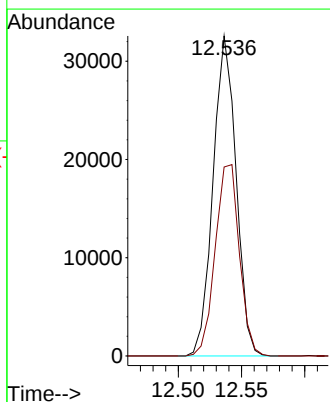
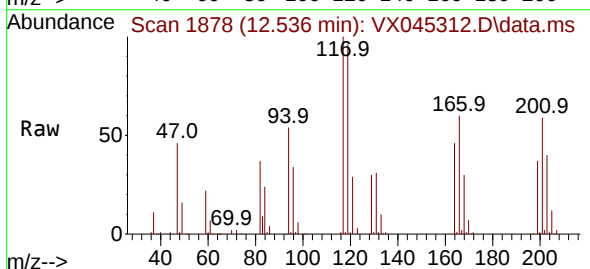
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#90
Hexachloroethane
Concen: 50.780 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

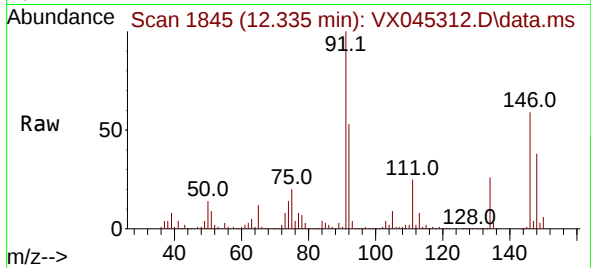
Tgt Ion:117 Resp: 41142
Ion Ratio Lower Upper
117 100
201 63.0 31.9 95.9





#91
1,2-Dichlorobenzene
Concen: 50.826 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

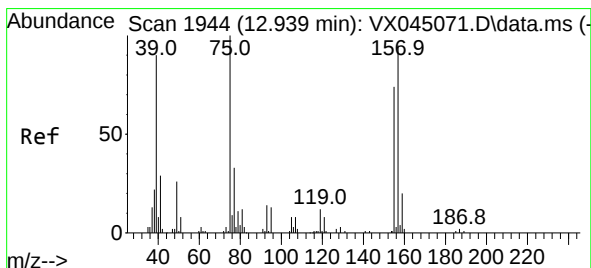
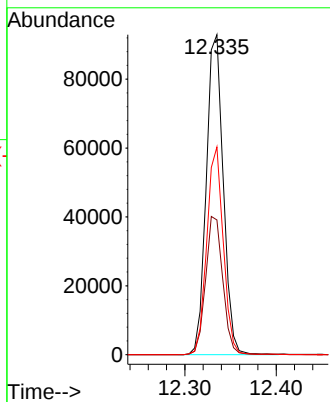
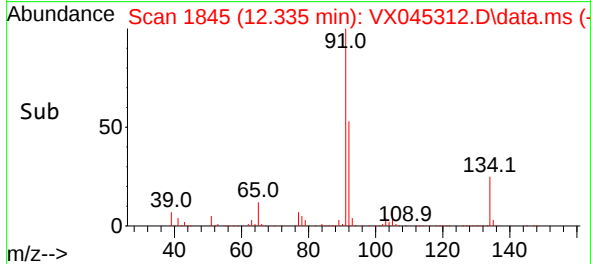
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



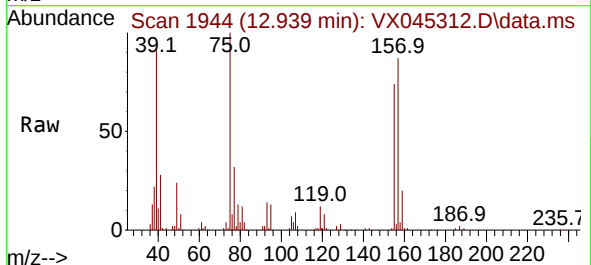
Tgt Ion:146 Resp: 119524
Ion Ratio Lower Upper
146 100
111 43.8 21.6 65.0
148 63.2 31.9 95.9

Manual Integrations
APPROVED

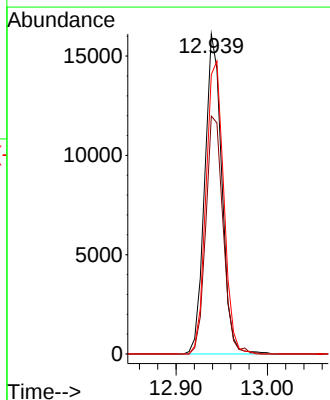
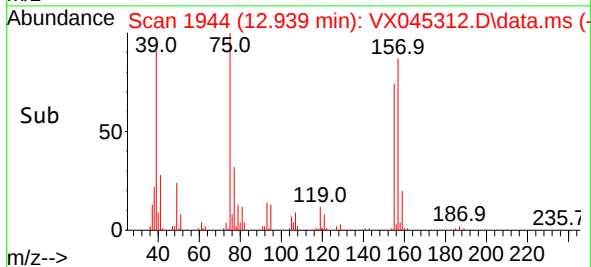
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

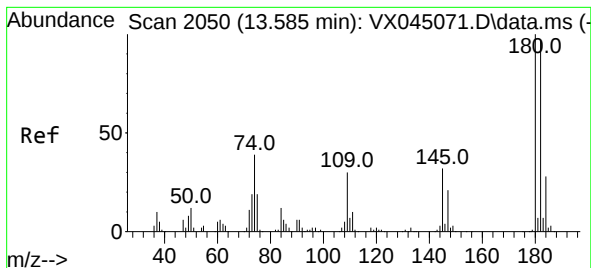


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.623 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02



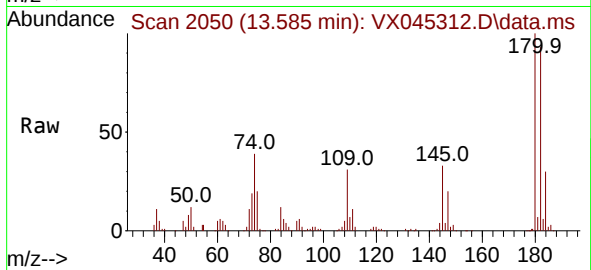
Tgt Ion: 75 Resp: 20953
Ion Ratio Lower Upper
75 100
155 75.3 39.6 118.7
157 95.0 51.1 153.4





#93
1,2,4-Trichlorobenzene
Concen: 54.660 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

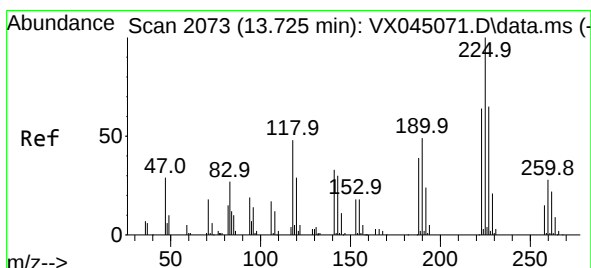
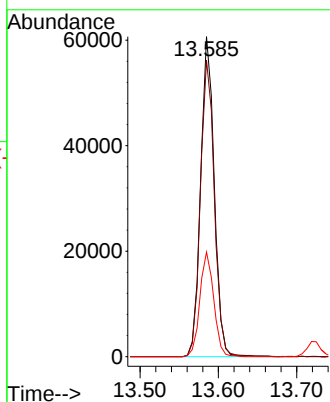
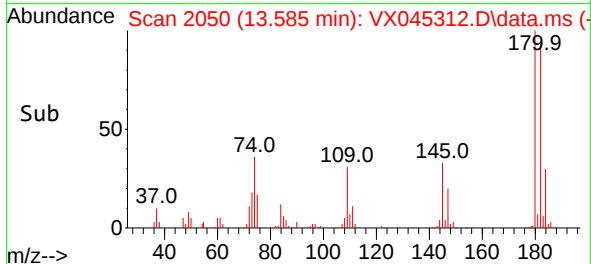
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



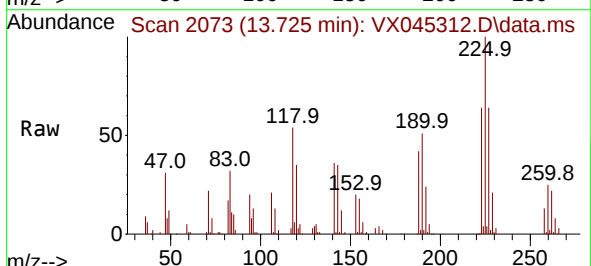
Tgt Ion:180 Resp: 73192
Ion Ratio Lower Upper
180 100
182 94.6 47.3 141.9
145 33.2 16.3 48.9

Manual Integrations
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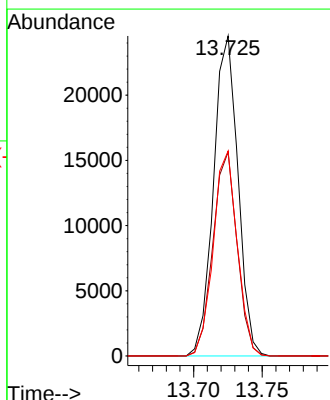
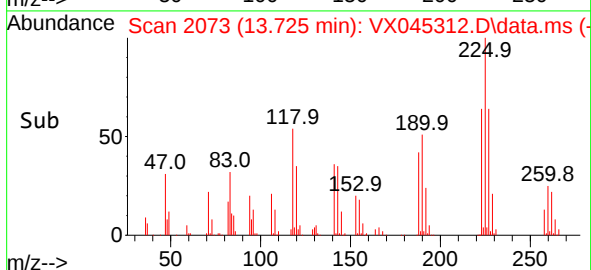
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

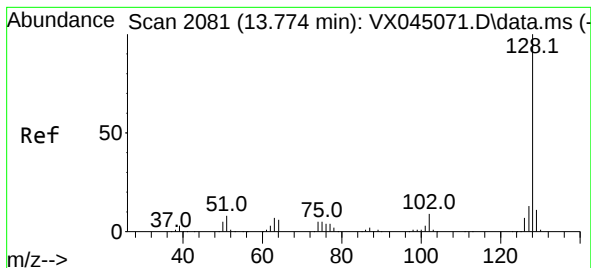


#94
Hexachlorobutadiene
Concen: 55.325 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02



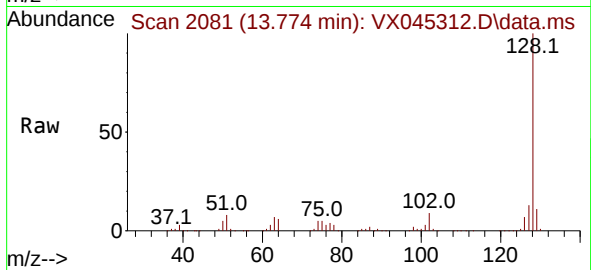
Tgt Ion:225 Resp: 30372
Ion Ratio Lower Upper
225 100
223 62.9 31.9 95.7
227 62.9 31.4 94.0





#95
Naphthalene
Concen: 52.139 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02

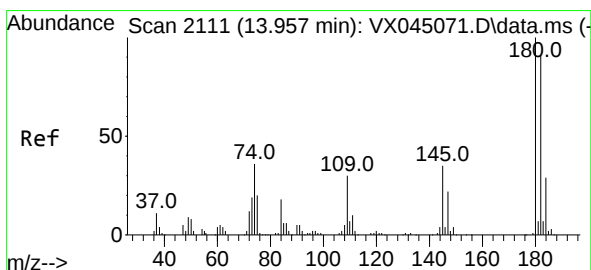
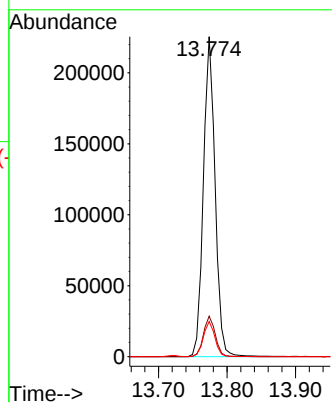
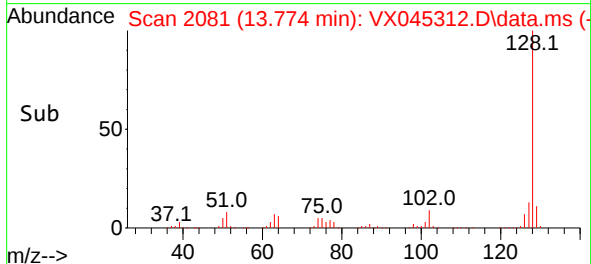
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



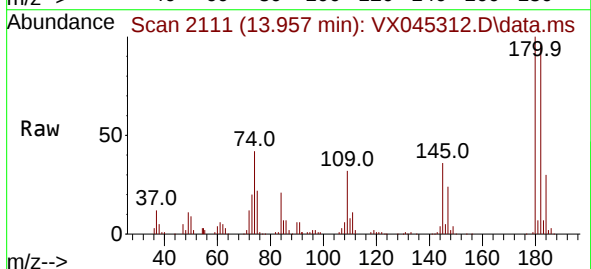
Tgt Ion:128 Resp: 268238
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#96
1,2,3-Trichlorobenzene
Concen: 52.979 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX045312.D
Acq: 18 Mar 2025 10:02



Tgt Ion:180 Resp: 74839
Ion Ratio Lower Upper
180 100
182 94.9 47.5 142.6
145 34.3 17.0 50.9

