

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031725\
 Data File : VX045297.D
 Acq On : 17 Mar 2025 11:12
 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 03/18/2025
 Supervised By : Mahesh Dadoda 03/18/2025

Quant Time: Mar 18 01:21:26 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	5.538	168	113376	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.751	114	196865	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	167918	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	79039	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	91218	50.581	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.160%			
35) Dibromofluoromethane	5.373	113	68276	51.866	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.740%			
50) Toluene-d8	8.641	98	236106	49.474	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.940%			
62) 4-Bromofluorobenzene	11.079	95	85515	54.075	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.140%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	72448	50.765	ug/l	92
3) Chloromethane	1.307	50	79938	45.770	ug/l	95
4) Vinyl Chloride	1.374	62	72707	41.965	ug/l	97
5) Bromomethane	1.593	94	32087	47.111	ug/l	100
6) Chloroethane	1.660	64	37490	46.912	ug/l	99
7) Trichlorofluoromethane	1.868	101	105735	46.100	ug/l	99
8) Diethyl Ether	2.130	74	38359	42.758	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	71989	54.632	ug/l	100
10) Methyl Iodide	2.441	142	79422	48.230	ug/l	96
11) Tert butyl alcohol	2.977	59	71253	208.589	ug/l	99
12) 1,1-Dichloroethene	2.306	96	66556	47.774	ug/l	97
13) Acrolein	2.233	56	34446	87.233	ug/l	100
14) Allyl chloride	2.654	41	127485	51.408	ug/l	98
15) Acrylonitrile	3.062	53	214419	234.206	ug/l	98
16) Acetone	2.380	43	239739	286.520	ug/l	100
17) Carbon Disulfide	2.502	76	158676	42.763	ug/l	98
18) Methyl Acetate	2.703	43	116528	57.891	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	229243	49.046	ug/l	100
20) Methylene Chloride	2.782	84	75688	45.665	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	66406	48.248	ug/l	98
22) Diisopropyl ether	3.757	45	245843	48.745	ug/l	98
23) Vinyl Acetate	3.715	43	1046058	248.540	ug/l	99
24) 1,1-Dichloroethane	3.599	63	136138	48.165	ug/l	99
25) 2-Butanone	4.550	43	319225	253.457	ug/l	98
26) 2,2-Dichloropropane	4.465	77	104177	78.578	ug/l	93
27) cis-1,2-Dichloroethene	4.477	96	82209	48.386	ug/l	95
28) Bromochloromethane	4.885	49	68671	50.971	ug/l	100
29) Tetrahydrofuran	5.001	42	191042	225.870	ug/l	100
30) Chloroform	5.080	83	133645	47.586	ug/l	99
31) Cyclohexane	5.458	56	114673	46.737	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	113366	49.979	ug/l	99
36) 1,1-Dichloropropene	5.684	75	87941	48.713	ug/l	98
37) Ethyl Acetate	4.708	43	111142	47.778	ug/l	98
38) Carbon Tetrachloride	5.666	117	95931	52.341	ug/l	98
39) Methylcyclohexane	7.373	83	116867	54.026	ug/l	99
40) Benzene	6.025	78	274161	48.092	ug/l	99

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Quant Time: Mar 18 01:21:26 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	63068	50.140	ug/l	98
42) 1,2-Dichloroethane	6.080	62	102880	50.116	ug/l	98
43) Isopropyl Acetate	6.330	43	176650	51.354	ug/l	100
44) Trichloroethene	7.117	130	64188	47.953	ug/l	99
45) 1,2-Dichloropropane	7.421	63	70538	48.126	ug/l	98
46) Dibromomethane	7.574	93	51314	49.532	ug/l	98
47) Bromodichloromethane	7.818	83	104286	51.321	ug/l	100
48) Methyl methacrylate	7.684	41	89305	51.749	ug/l	96
49) 1,4-Dioxane	7.659	88	33465	919.306	ug/l	99
51) 4-Methyl-2-Pentanone	8.568	43	581623	251.822	ug/l	99
52) Toluene	8.714	92	162349	48.539	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	97492	57.389	ug/l	95
54) cis-1,3-Dichloropropene	8.360	75	109259	55.155	ug/l	95
55) 1,1,2-Trichloroethane	9.147	97	66529	48.317	ug/l	97
56) Ethyl methacrylate	9.110	69	110344	52.720	ug/l	97
57) 1,3-Dichloropropane	9.305	76	114607	48.096	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	287733	281.815	ug/l	99
59) 2-Hexanone	9.427	43	443497	265.021	ug/l	99
60) Dibromochloromethane	9.519	129	75318	52.315	ug/l	100
61) 1,2-Dibromoethane	9.604	107	67374	49.014	ug/l	99
64) Tetrachloroethene	9.269	164	52715	49.017	ug/l	94
65) Chlorobenzene	10.073	112	178272	50.173	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	61102	51.639	ug/l	97
67) Ethyl Benzene	10.189	91	311624	50.334	ug/l	100
68) m/p-Xylenes	10.299	106	231086	101.962	ug/l	98
69) o-Xylene	10.640	106	113560	49.681	ug/l	100
70) Styrene	10.653	104	194100	52.480	ug/l	99
71) Bromoform	10.793	173	49391	55.354	ug/l #	100
73) Isopropylbenzene	10.957	105	300740	48.748	ug/l	99
74) N-amyl acetate	10.842	43	151182	52.225	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	106547	47.064	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	89894m	48.865	ug/l	
77) Bromobenzene	11.195	156	68914	47.345	ug/l	96
78) n-propylbenzene	11.299	91	354861	50.920	ug/l	98
79) 2-Chlorotoluene	11.360	91	212489	47.877	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	248705	49.858	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	31616	58.814	ug/l	98
82) 4-Chlorotoluene	11.451	91	241505	49.927	ug/l	100
83) tert-Butylbenzene	11.713	119	253126	49.387	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	250844	49.977	ug/l	98
85) sec-Butylbenzene	11.890	105	316830	51.605	ug/l	100
86) p-Isopropyltoluene	12.006	119	261086	52.622	ug/l	99
87) 1,3-Dichlorobenzene	11.963	146	129264	49.781	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	127403	48.496	ug/l	99
89) n-Butylbenzene	12.329	91	244949	57.321	ug/l	99
90) Hexachloroethane	12.536	117	48225	53.737	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	127607	48.989	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	23258	52.734	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	80672	54.390	ug/l	98
94) Hexachlorobutadiene	13.725	225	32950	54.186	ug/l	98
95) Naphthalene	13.774	128	289146	50.740	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	81546	52.116	ug/l	98

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MSVOA_X
ClientSampleId :
VSTDCCC050

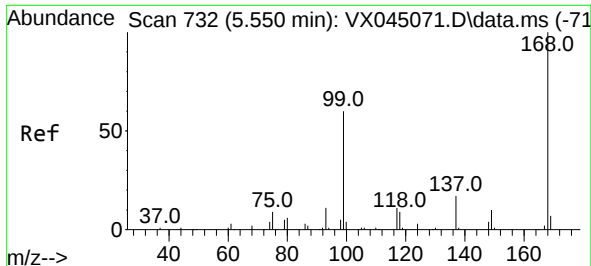
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 03/18/2025

Quant Time: Mar 18 01:21:26 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

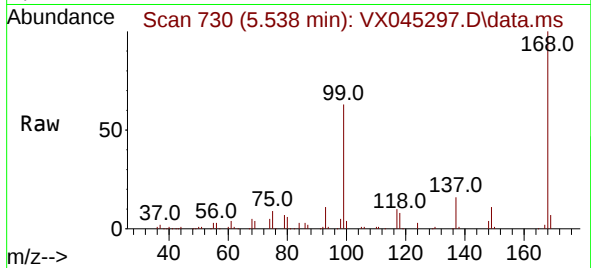
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX045297.D
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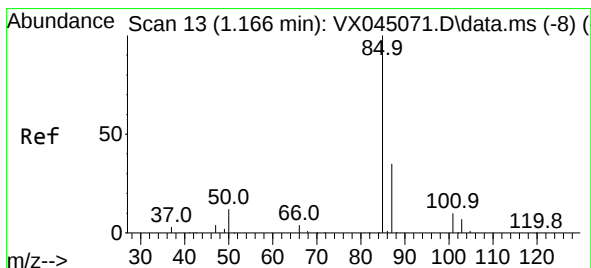
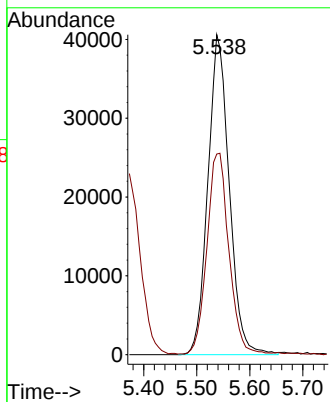
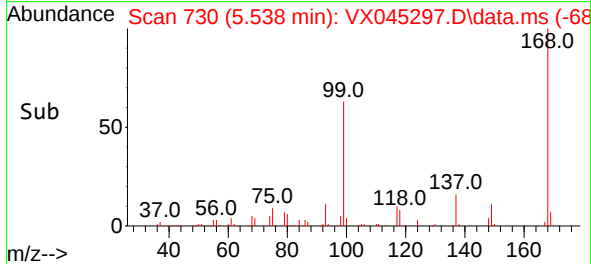
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 113370
Ion Ratio Lower Upper
168 100
99 62.5 48.2 72.4

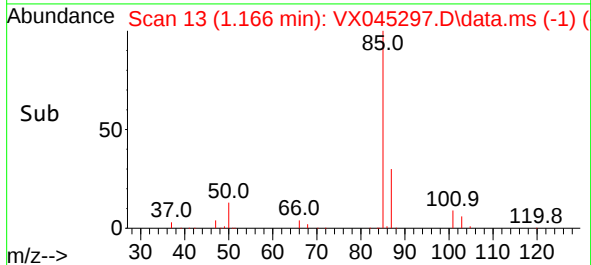
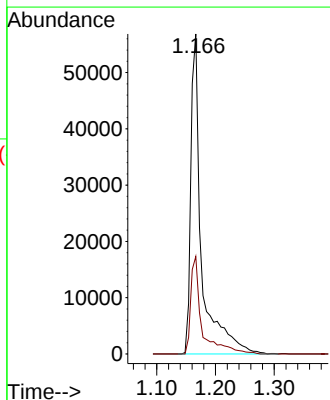
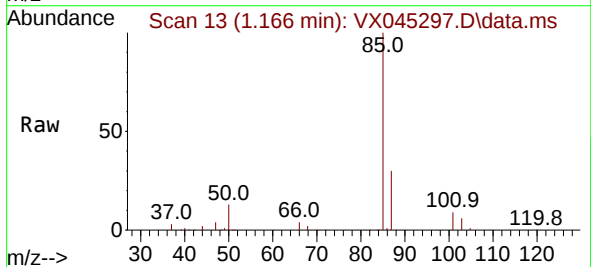
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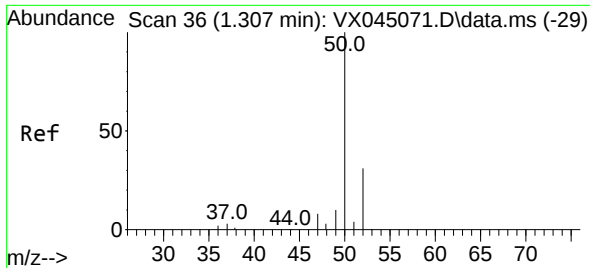
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#2
Dichlorodifluoromethane
Concen: 50.765 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

Tgt Ion: 85 Resp: 72448
Ion Ratio Lower Upper
85 100
87 30.4 17.4 52.3





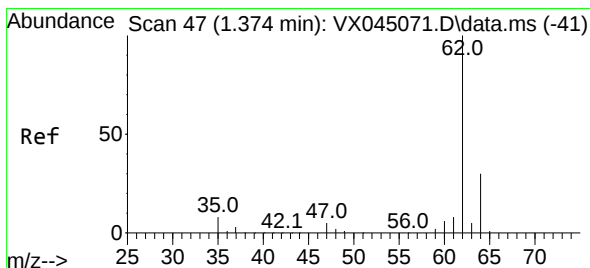
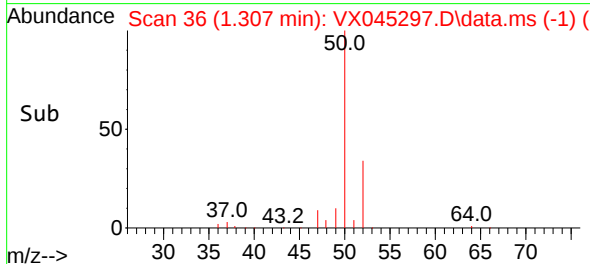
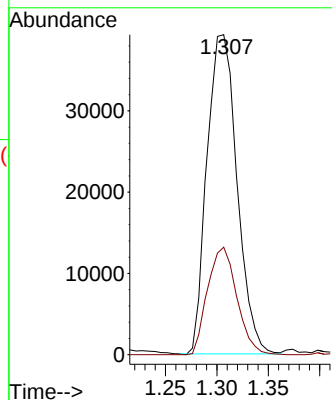
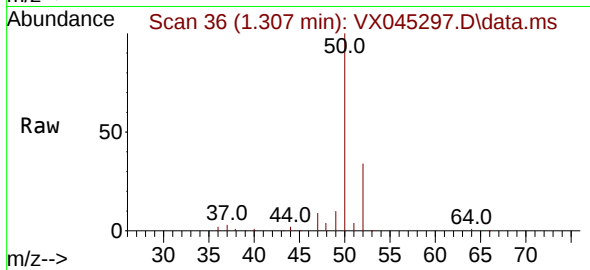
#3
Chloromethane
Concen: 45.770 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 79938
Ion Ratio Lower Upper
50 100
52 33.7 25.0 37.4

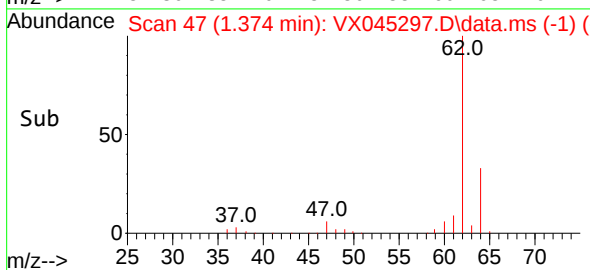
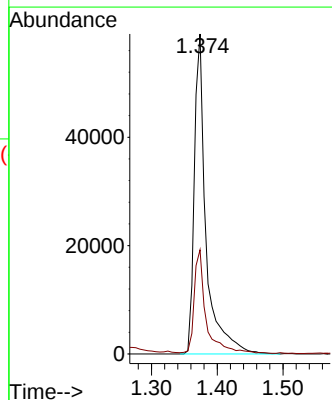
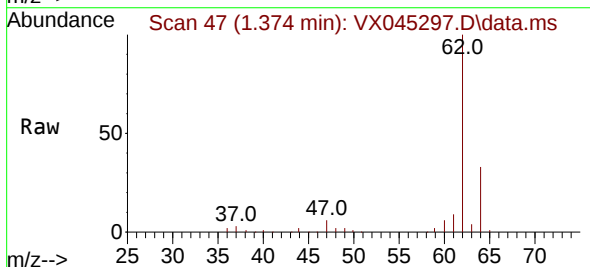
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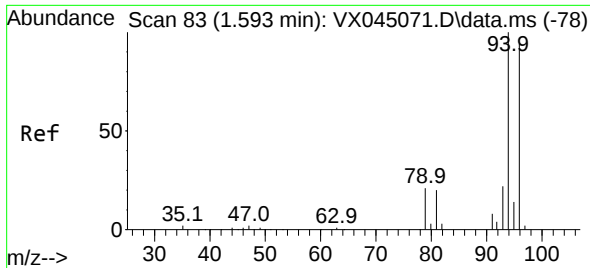
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#4
Vinyl Chloride
Concen: 41.965 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

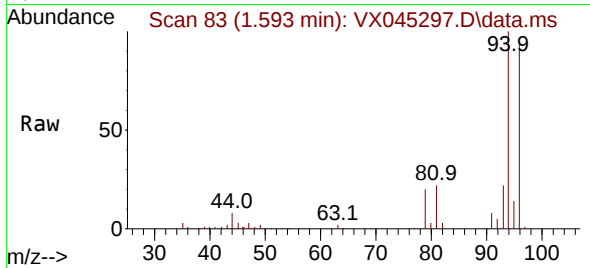
Tgt Ion: 62 Resp: 72707
Ion Ratio Lower Upper
62 100
64 32.2 24.3 36.5





#5
Bromomethane
Concen: 47.111 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

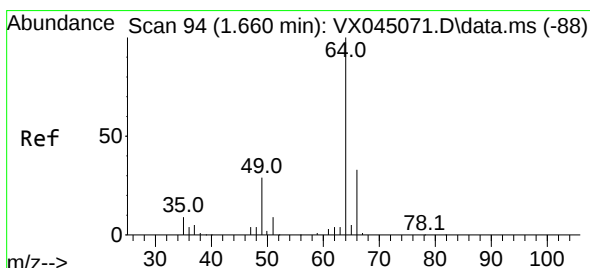
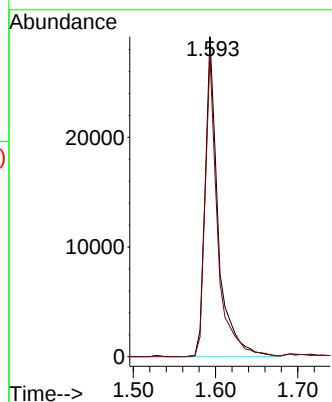
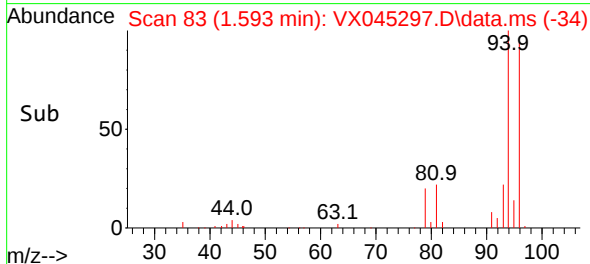
Instrument :
MSVOA_X
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Tgt Ion: 94 Resp: 3208
Ion Ratio Lower Upper
94 100
96 94.0 75.0 112.4

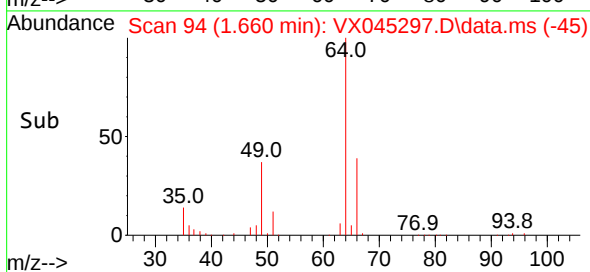
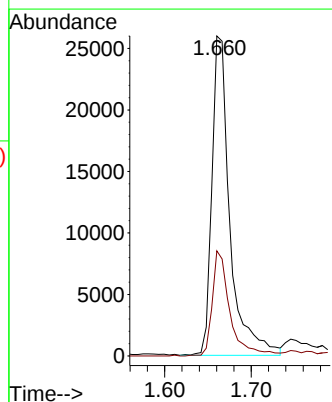
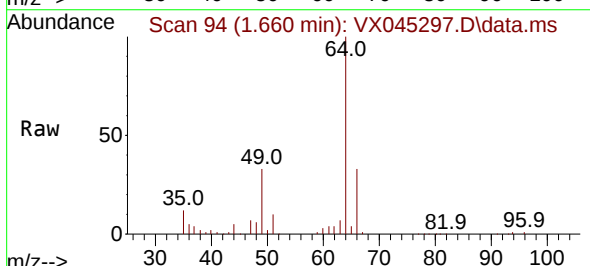
Manual Integrations
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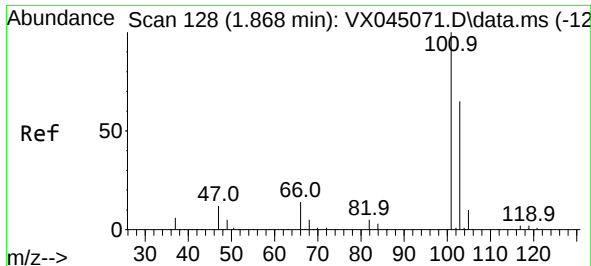
Reviewed By :John Carlone 03/18/2025
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#6
Chloroethane
Concen: 46.912 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.000 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

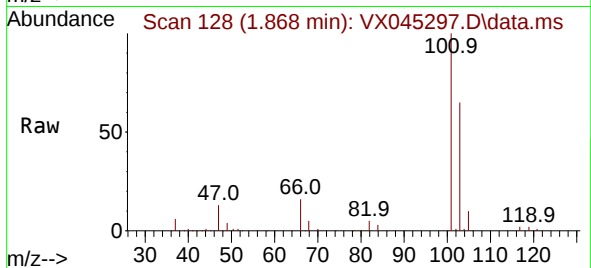
Tgt Ion: 64 Resp: 37490
Ion Ratio Lower Upper
64 100
66 32.9 26.7 40.1





#7
Trichlorofluoromethane
Concen: 46.100 ug/l
RT: 1.868 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

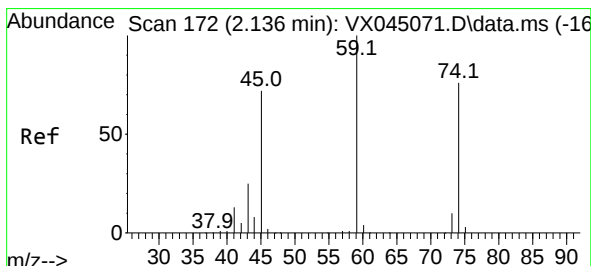
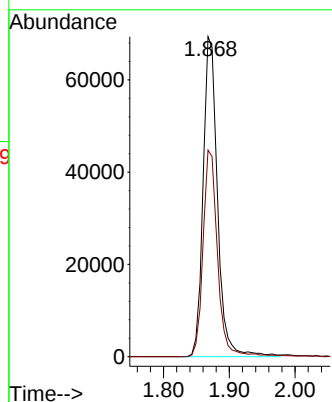
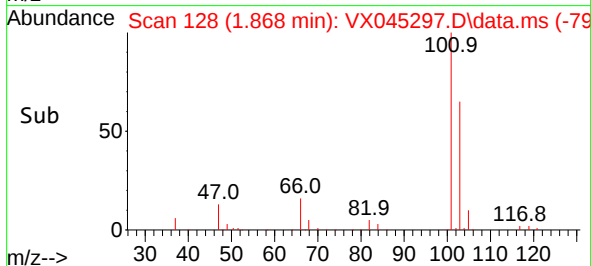
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 105735
Ion Ratio Lower Upper
101 100
103 64.5 52.1 78.1

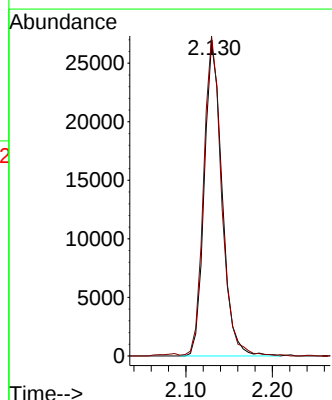
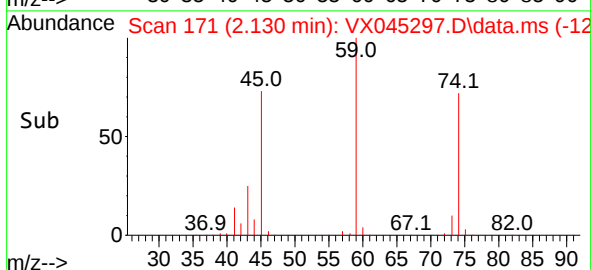
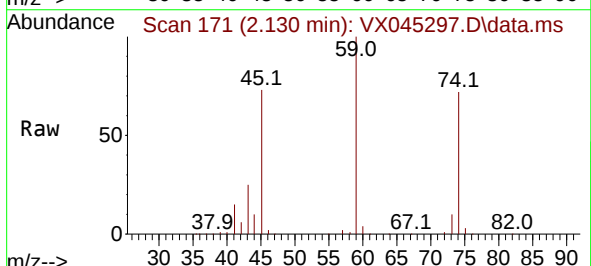
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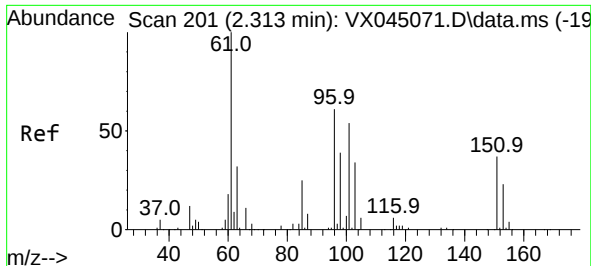
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#8
Diethyl Ether
Concen: 42.758 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

Tgt Ion: 74 Resp: 38359
Ion Ratio Lower Upper
74 100
45 102.6 51.5 154.5





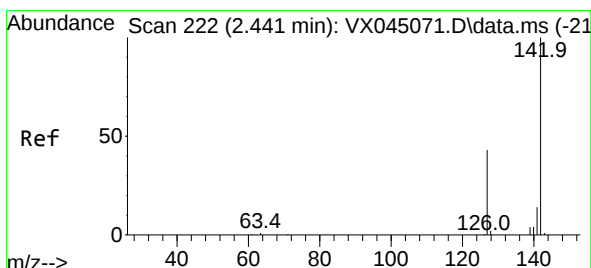
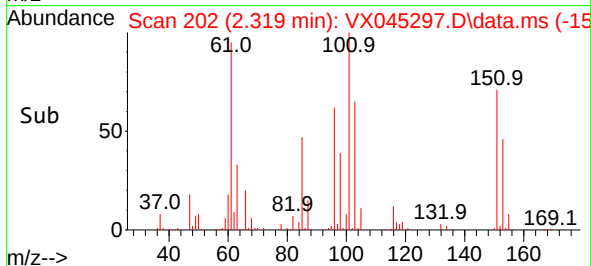
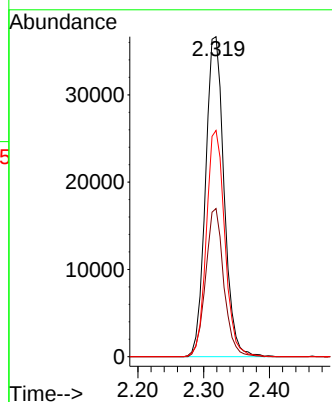
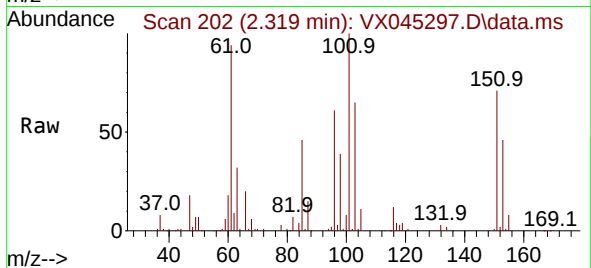
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.632 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 71989
Ion Ratio Lower Upper
101 100
85 45.3 36.2 54.4
151 70.2 56.4 84.6

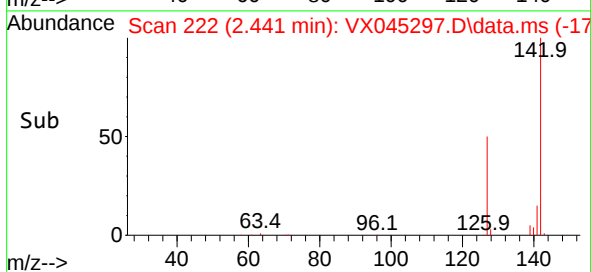
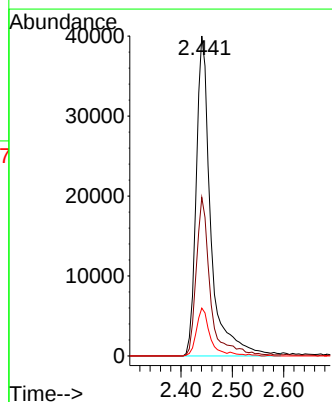
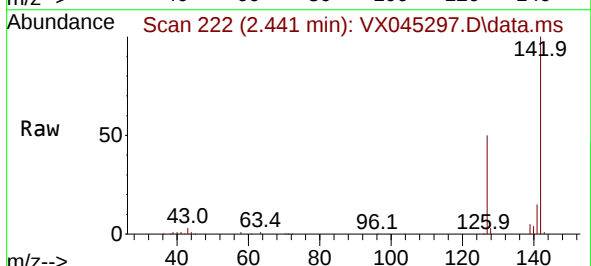
Manual Integrations
APPROVED

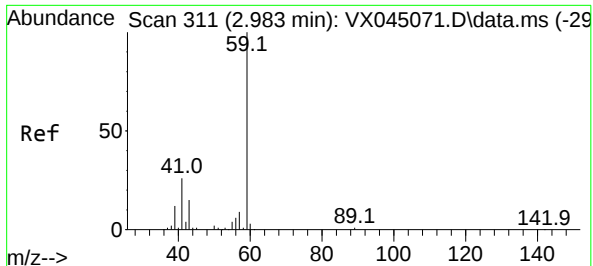
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#10
Methyl Iodide
Concen: 48.230 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

Tgt Ion:142 Resp: 79422
Ion Ratio Lower Upper
142 100
127 47.5 35.4 53.2
141 14.1 11.6 17.4





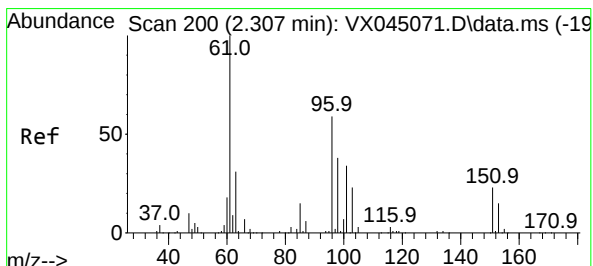
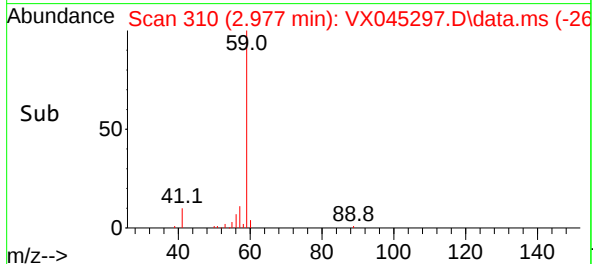
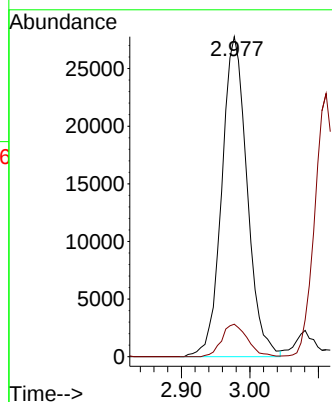
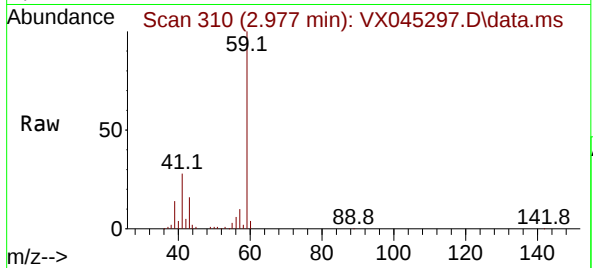
#11
Tert butyl alcohol
Concen: 208.589 ug/l
RT: 2.977 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 7125
Ion Ratio Lower Upper
59 100
57 10.3 7.8 11.8

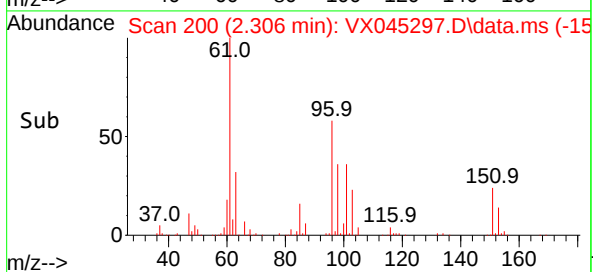
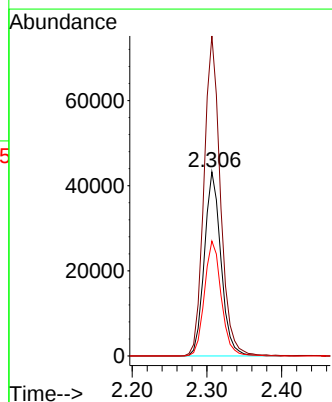
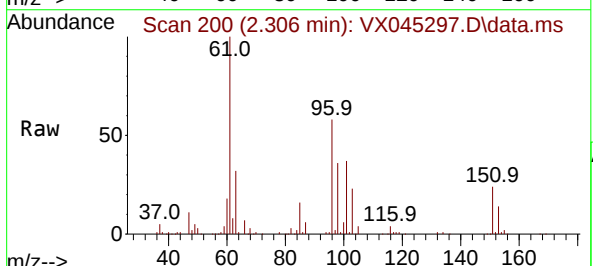
Manual Integrations
APPROVED

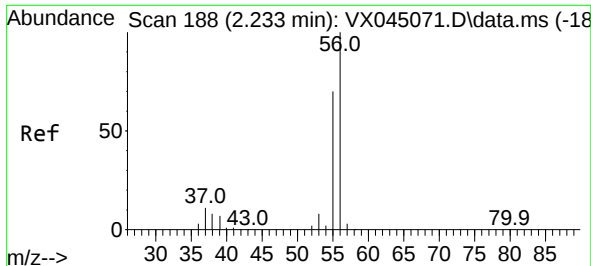
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#12
1,1-Dichloroethene
Concen: 47.774 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

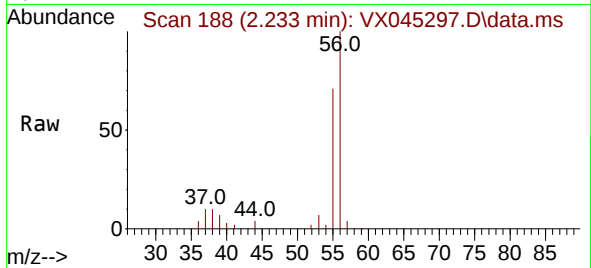
Tgt Ion: 96 Resp: 66556
Ion Ratio Lower Upper
96 100
61 173.8 134.6 202.0
98 62.4 51.0 76.6





#13
Acrolein
Concen: 87.233 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

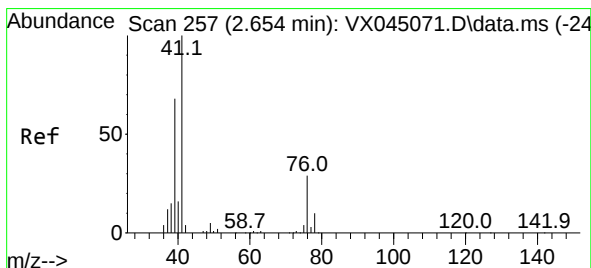
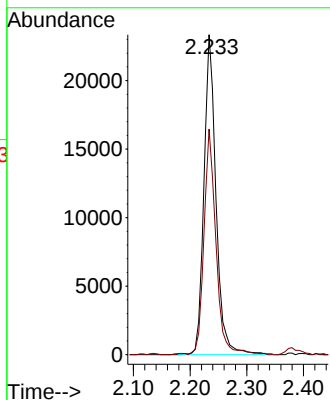
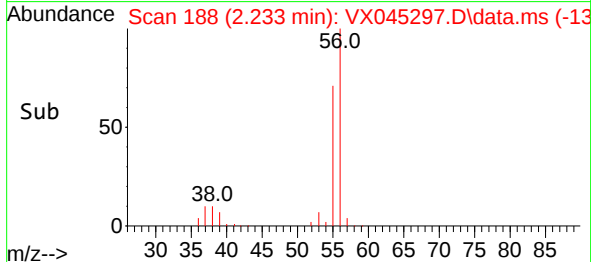
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 34440
Ion Ratio Lower Upper
56 100
55 70.1 56.2 84.4

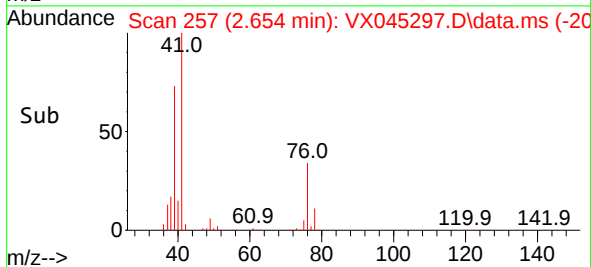
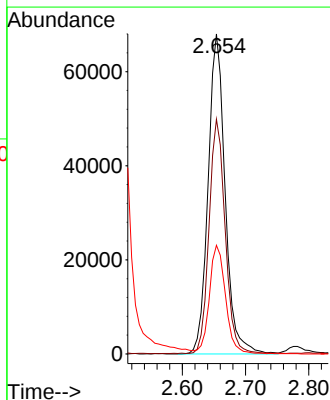
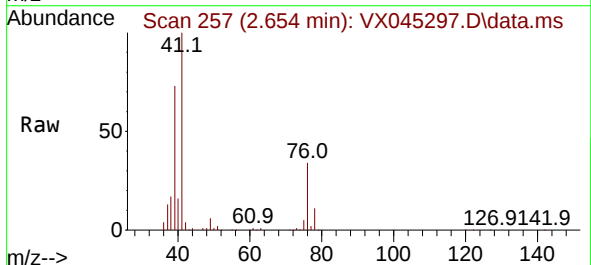
Manual Integrations
APPROVED

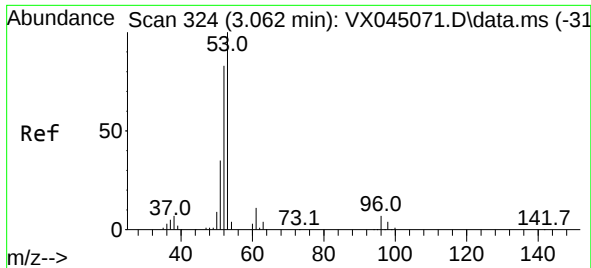
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#14
Allyl chloride
Concen: 51.408 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

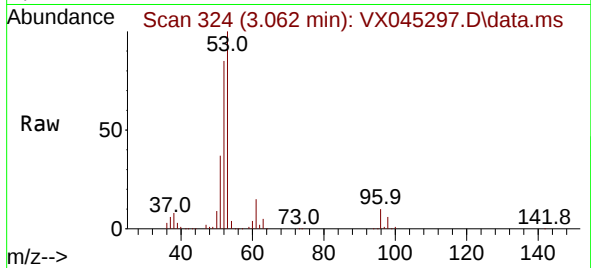
Tgt Ion: 41 Resp: 127485
Ion Ratio Lower Upper
41 100
39 69.3 53.8 80.8
76 32.1 25.2 37.8





#15
Acrylonitrile
Concen: 234.206 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

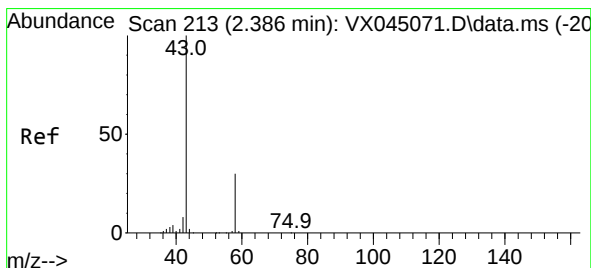
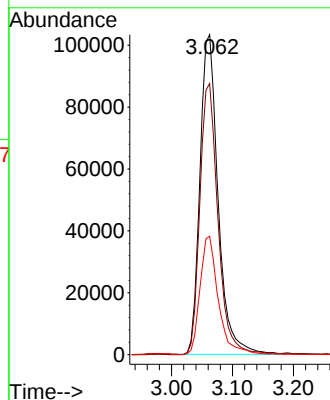
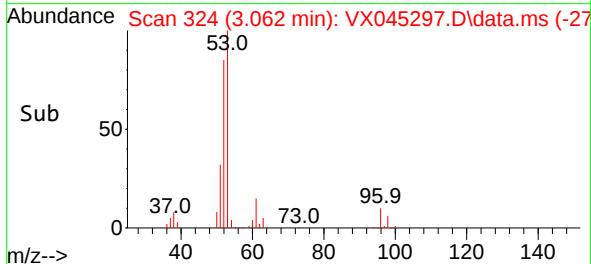
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 214419
Ion Ratio Lower Upper
53 100
52 84.8 66.2 99.2
51 37.2 29.0 43.4

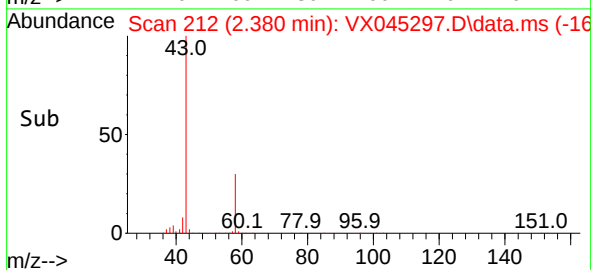
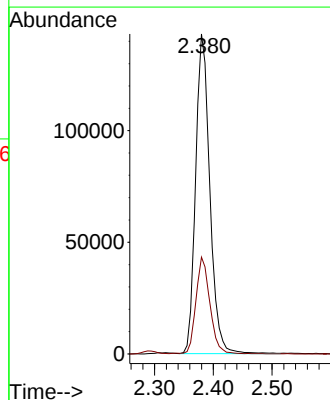
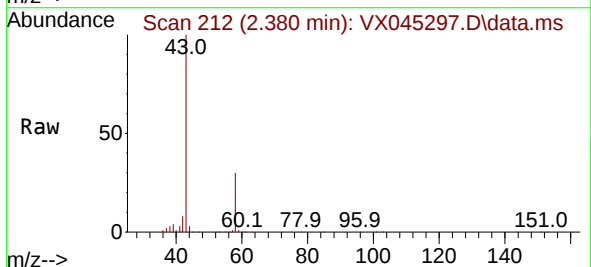
Manual Integrations
APPROVED

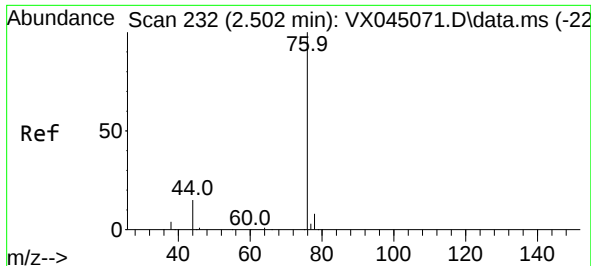
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#16
Acetone
Concen: 286.520 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

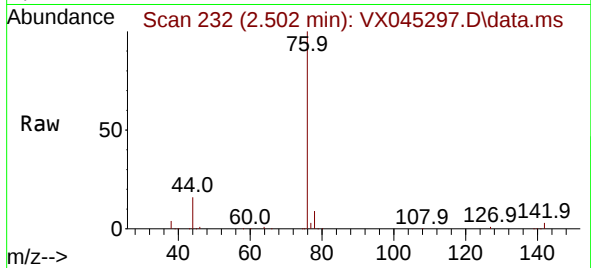
Tgt Ion: 43 Resp: 239739
Ion Ratio Lower Upper
43 100
58 30.2 24.2 36.4





#17
Carbon Disulfide
Concen: 42.763 ug/l
RT: 2.502 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

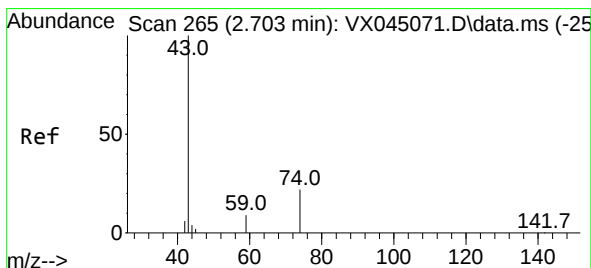
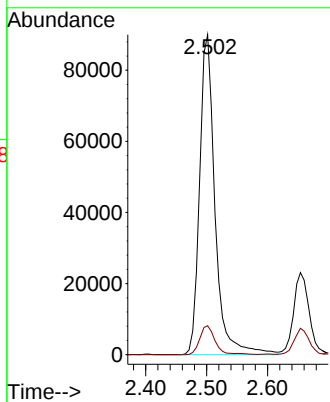
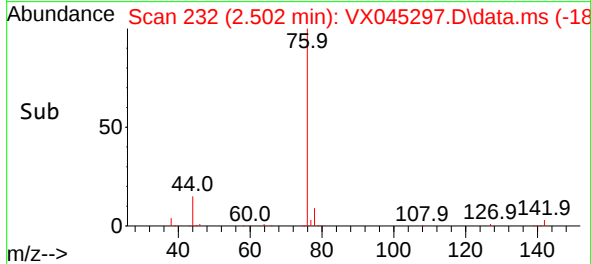
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 158670
Ion Ratio Lower Upper
76 100
78 9.0 6.6 9.8

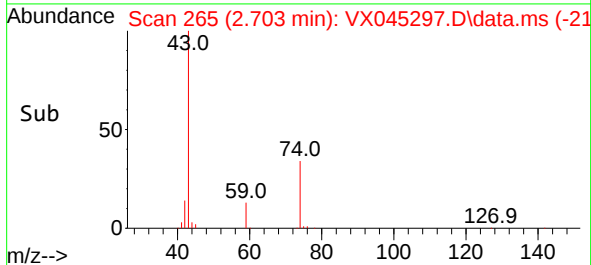
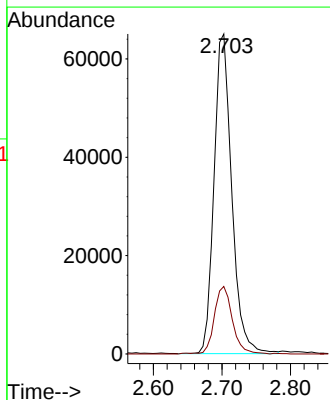
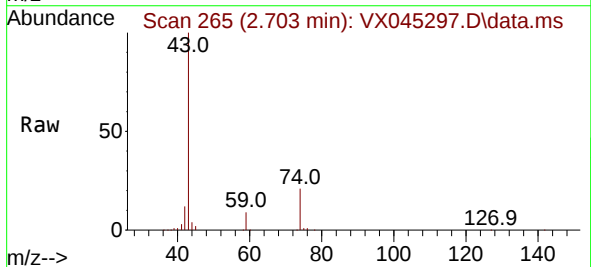
Manual Integrations
APPROVED

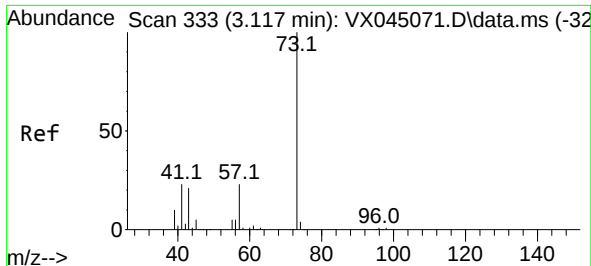
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#18
Methyl Acetate
Concen: 57.891 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

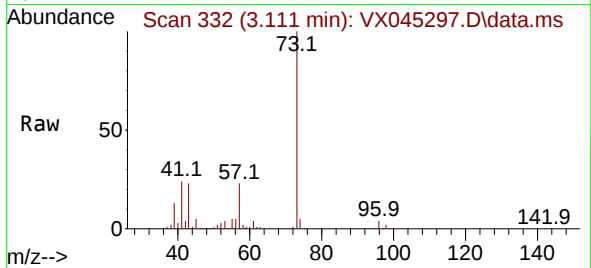
Tgt Ion: 43 Resp: 116528
Ion Ratio Lower Upper
43 100
74 21.4 17.4 26.2





#19
Methyl tert-butyl Ether
Concen: 49.046 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

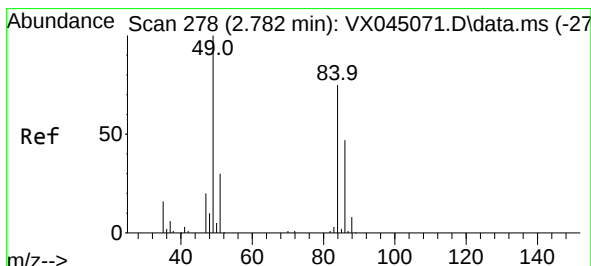
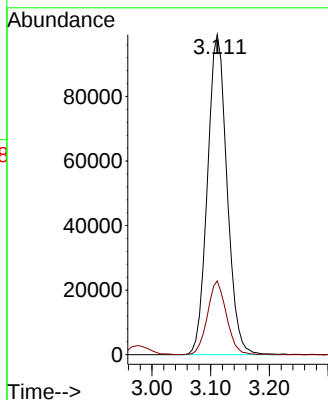
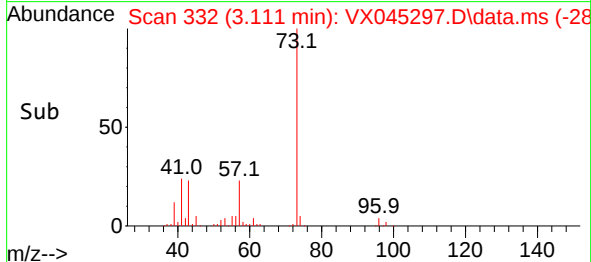
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 22924
Ion Ratio Lower Upper
73 100
57 23.0 18.5 27.7

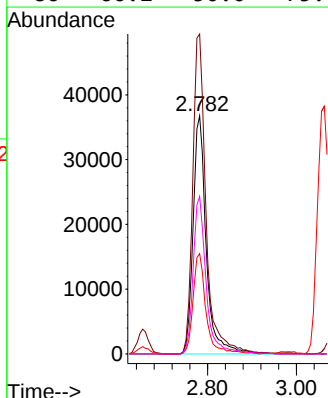
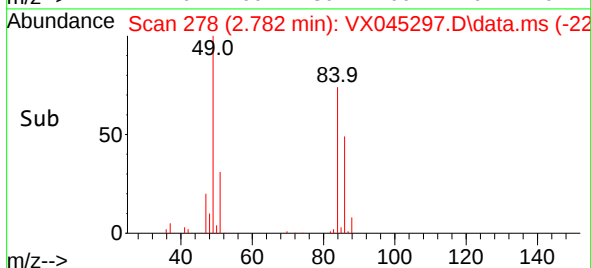
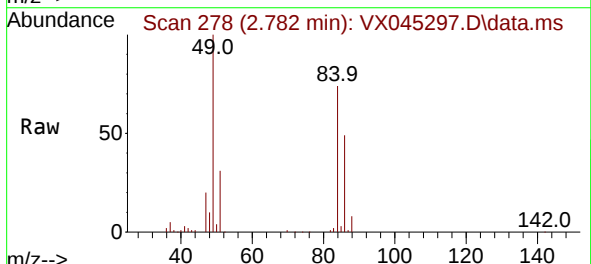
Manual Integrations
APPROVED

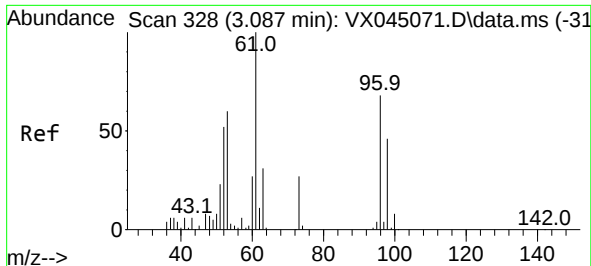
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#20
Methylene Chloride
Concen: 45.665 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

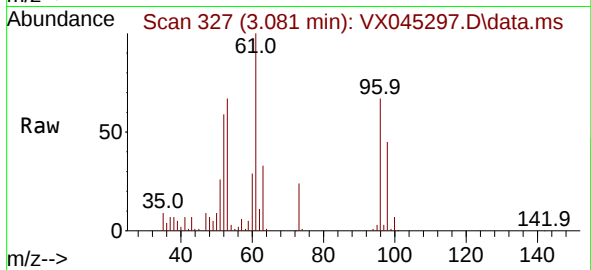
Tgt Ion: 84 Resp: 75688
Ion Ratio Lower Upper
84 100
49 134.4 106.5 159.7
51 42.2 32.1 48.1
86 66.2 50.0 75.0





#21
trans-1,2-Dichloroethene
Concen: 48.248 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

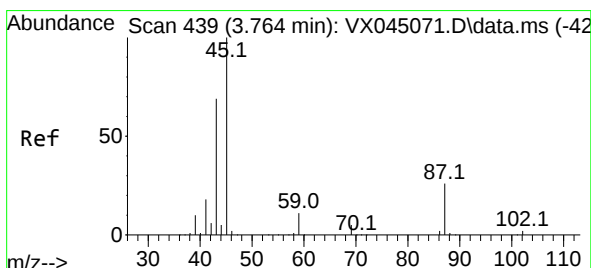
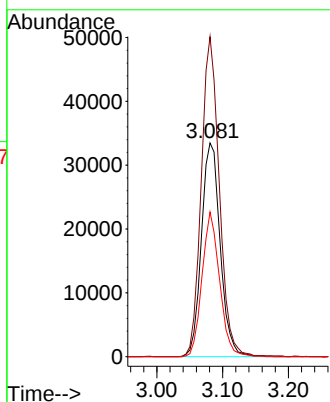
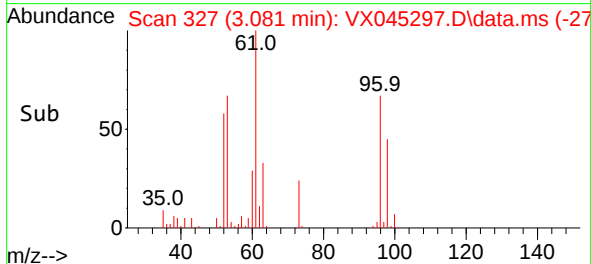
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 66400
Ion Ratio Lower Upper
96 100
61 149.7 117.0 175.4
98 67.7 53.4 80.2

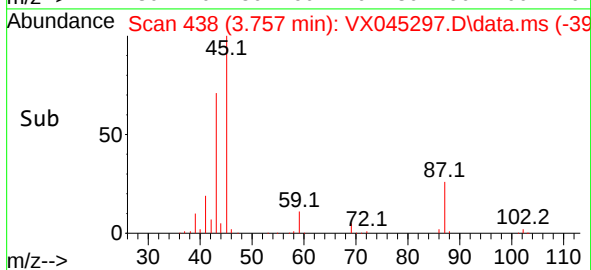
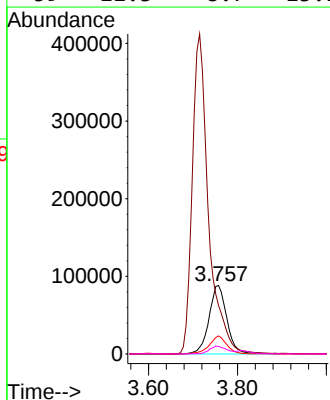
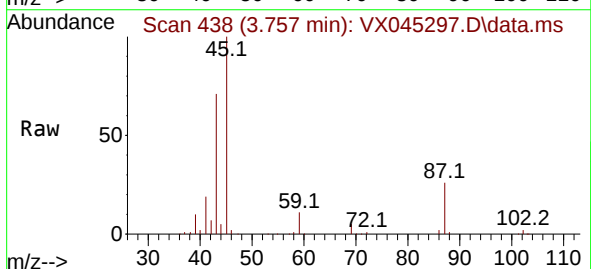
Manual Integrations
APPROVED

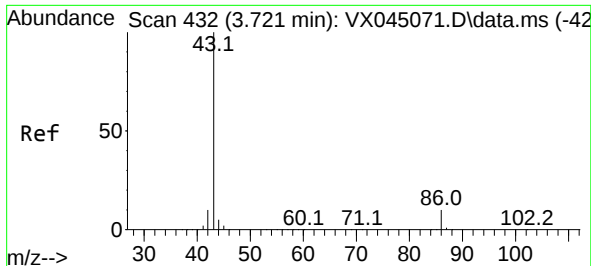
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#22
Diisopropyl ether
Concen: 48.745 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

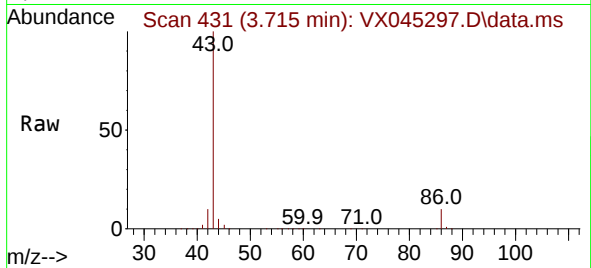
Tgt Ion: 45 Resp: 245843
Ion Ratio Lower Upper
45 100
43 70.7 54.9 82.3
87 26.4 21.0 31.4
59 11.3 8.7 13.1





#23
 Vinyl Acetate
 Concen: 248.540 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX045297.D
 Acq: 17 Mar 2025 11:12

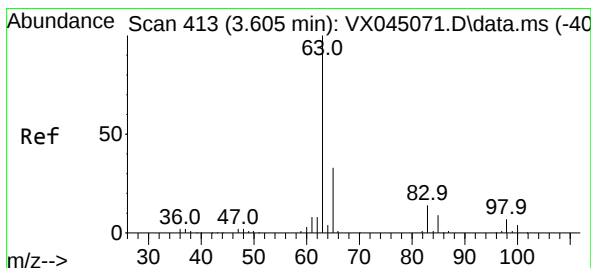
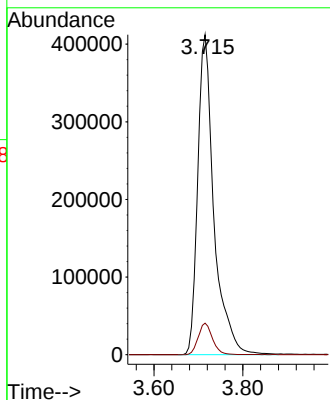
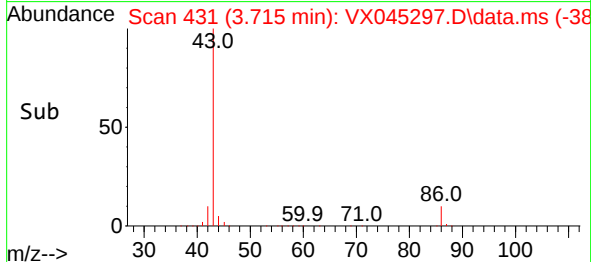
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 104605
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.1 12.1

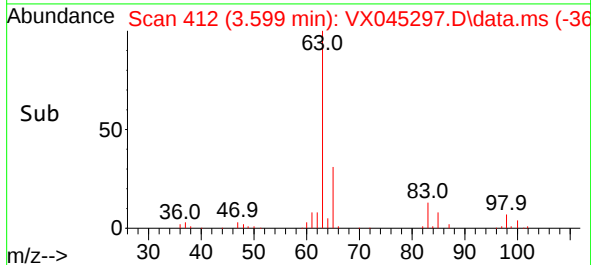
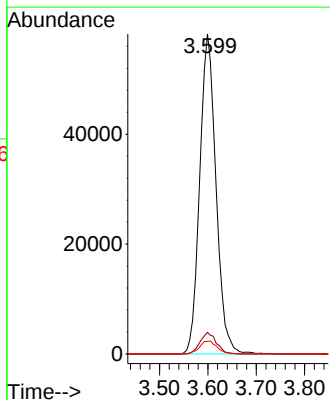
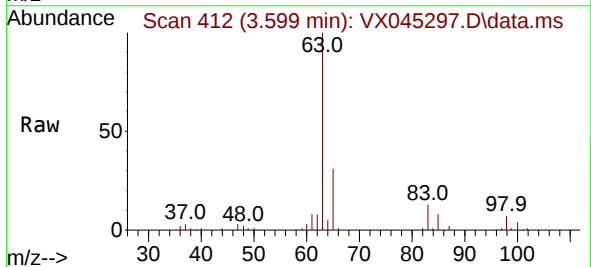
Manual Integrations
 APPROVED

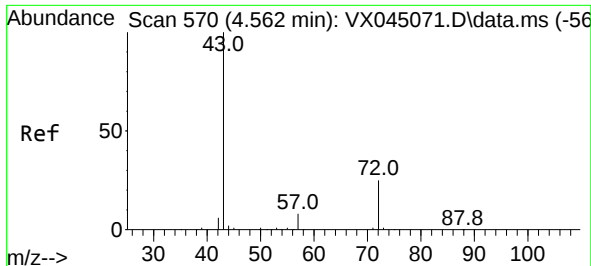
Reviewed By :John Carlone 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025



#24
 1,1-Dichloroethane
 Concen: 48.165 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX045297.D
 Acq: 17 Mar 2025 11:12

Tgt Ion: 63 Resp: 136138
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.2
 100 3.9 2.1 6.5





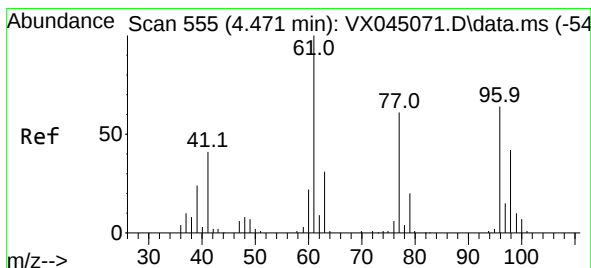
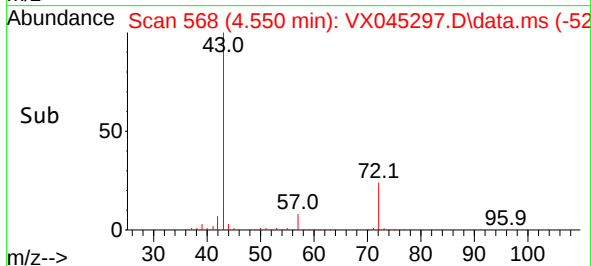
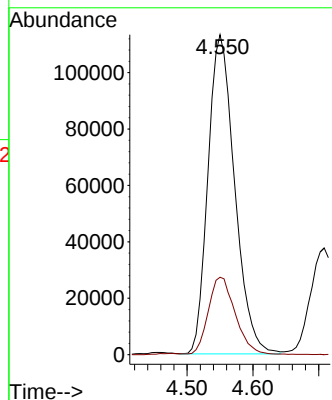
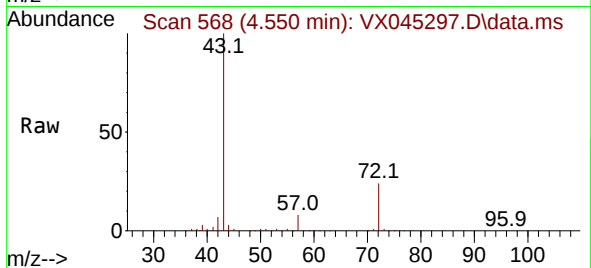
#25
2-Butanone
Concen: 253.457 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 319225
Ion Ratio Lower Upper
43 100
72 24.1 20.0 30.0

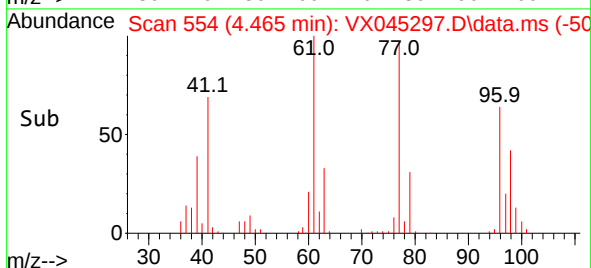
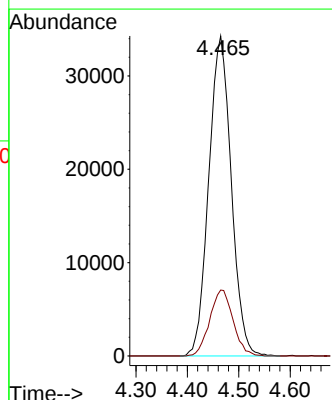
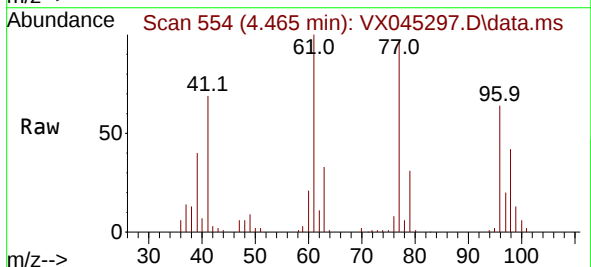
Manual Integrations
APPROVED

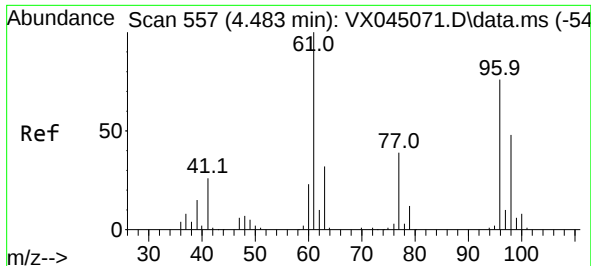
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#26
2,2-Dichloropropane
Concen: 78.578 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

Tgt Ion: 77 Resp: 104177
Ion Ratio Lower Upper
77 100
97 21.3 12.4 37.0





#27

cis-1,2-Dichloroethene

Concen: 48.386 ug/l

RT: 4.477 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX045297.D

Acq: 17 Mar 2025 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 82209

Ion Ratio Lower Upper

96 100

61 150.7 0.0 283.2

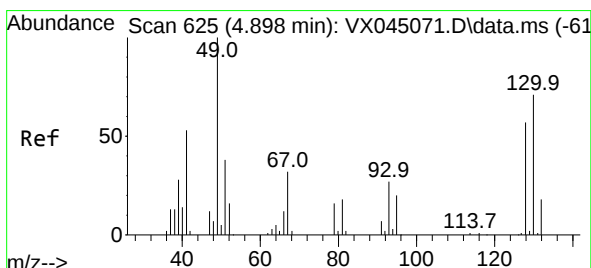
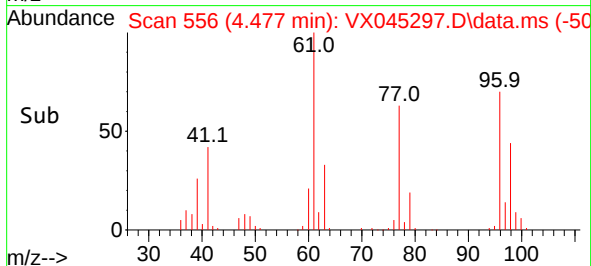
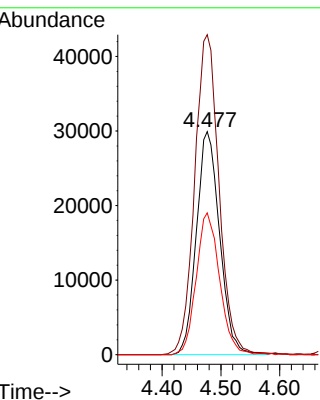
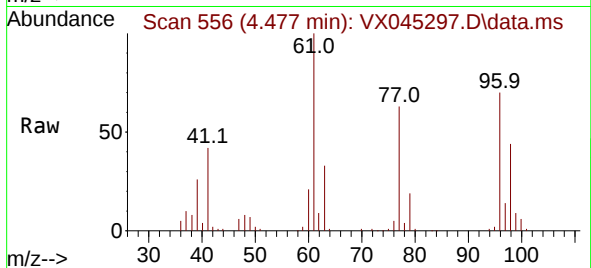
98 63.8 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#28

Bromochloromethane

Concen: 50.971 ug/l

RT: 4.885 min Scan# 623

Delta R.T. -0.012 min

Lab File: VX045297.D

Acq: 17 Mar 2025 11:12

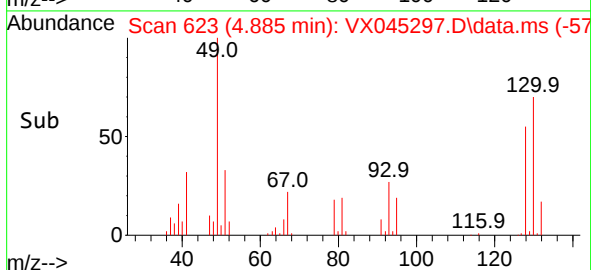
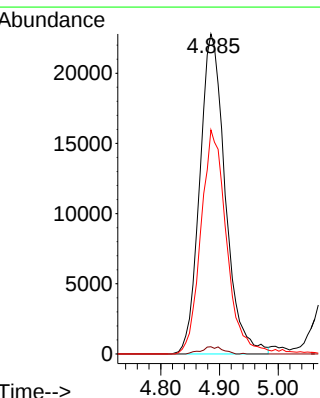
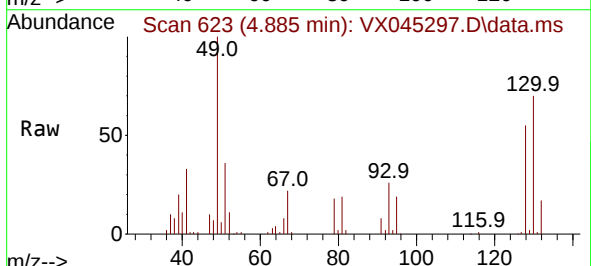
Tgt Ion: 49 Resp: 68671

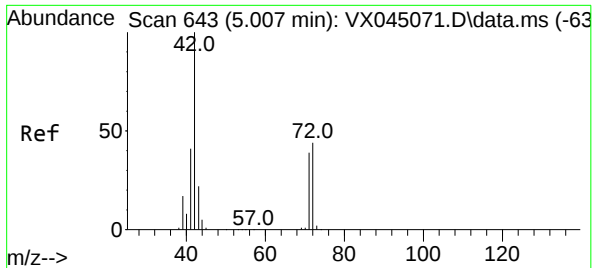
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.4

130 70.1 56.1 84.1





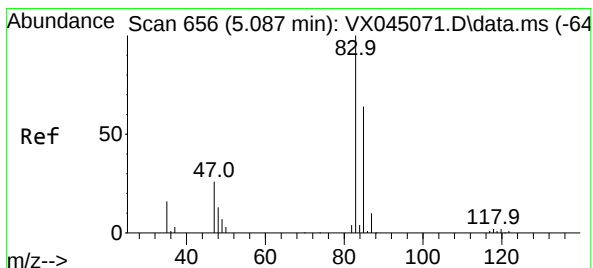
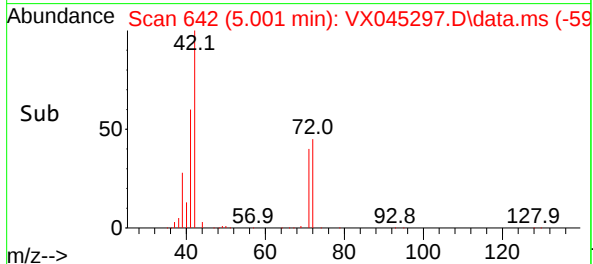
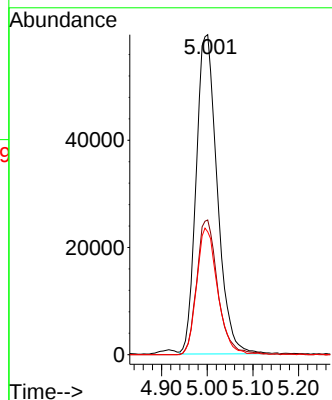
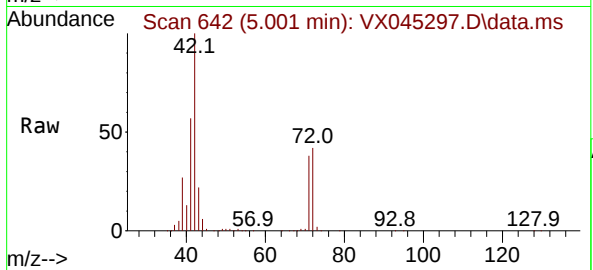
#29
Tetrahydrofuran
Concen: 225.870 ug/l
RT: 5.001 min Scan# 643
Delta R.T. -0.006 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 19104
Ion Ratio Lower Upper
42 100
72 42.2 34.1 51.1
71 39.4 31.4 47.0

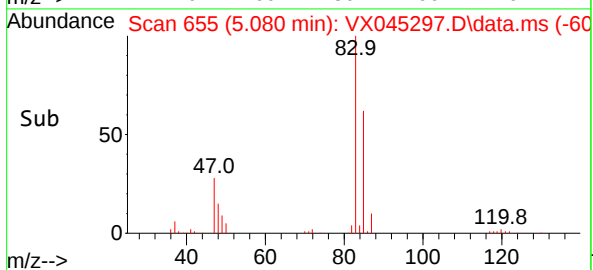
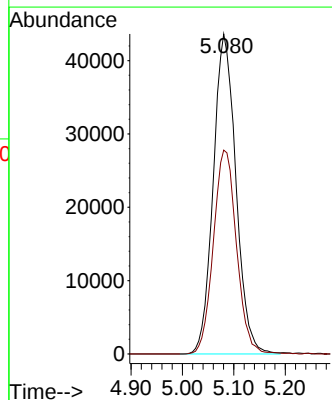
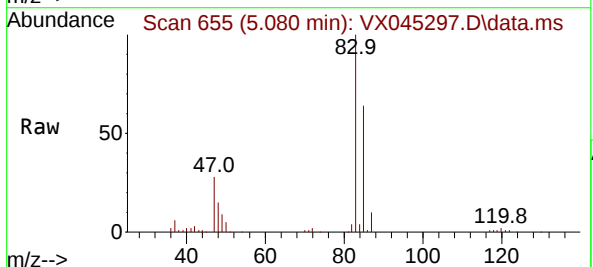
Manual Integrations
APPROVED

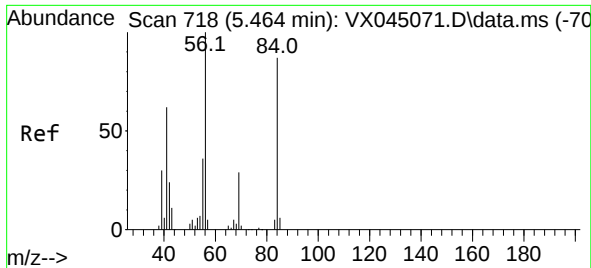
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#30
Chloroform
Concen: 47.586 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.006 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

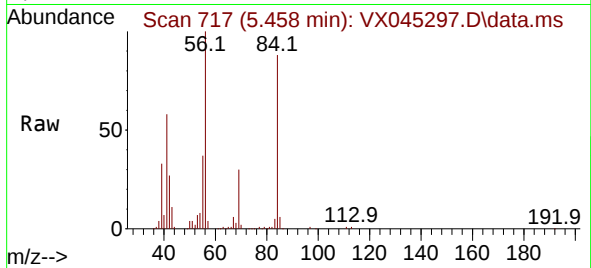
Tgt Ion: 83 Resp: 133645
Ion Ratio Lower Upper
83 100
85 63.7 51.4 77.2





#31
Cyclohexane
Concen: 46.737 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

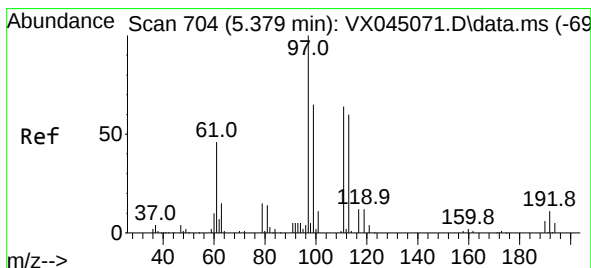
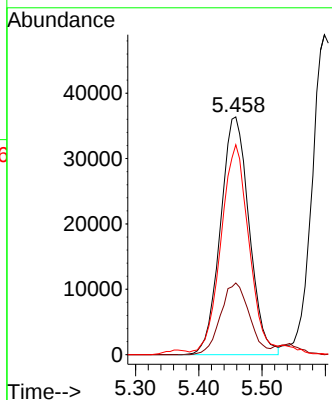
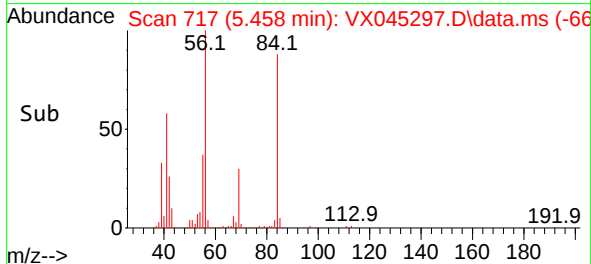
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



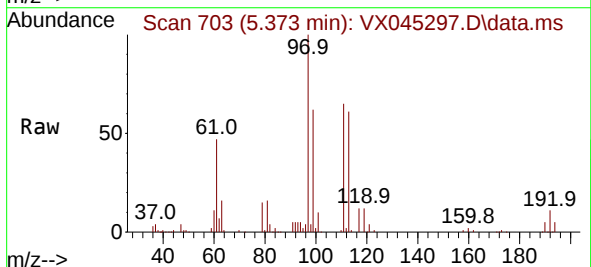
Tgt Ion: 56 Resp: 11467
Ion Ratio Lower Upper
56 100
69 30.2 23.4 35.2
84 86.4 69.4 104.2

Manual Integrations
APPROVED

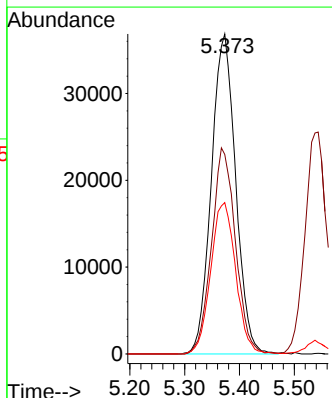
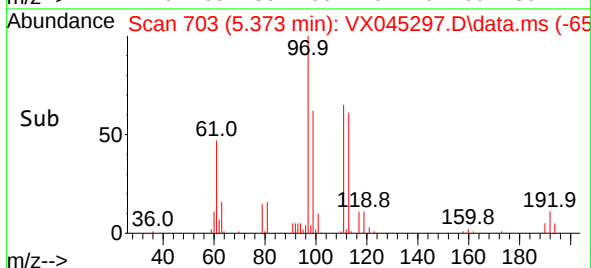
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

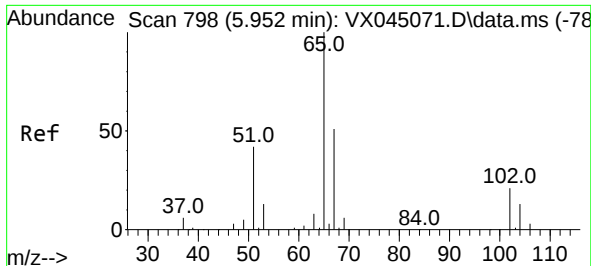


#32
1,1,1-Trichloroethane
Concen: 49.979 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12



Tgt Ion: 97 Resp: 113366
Ion Ratio Lower Upper
97 100
99 63.6 51.6 77.4
61 48.9 38.4 57.6





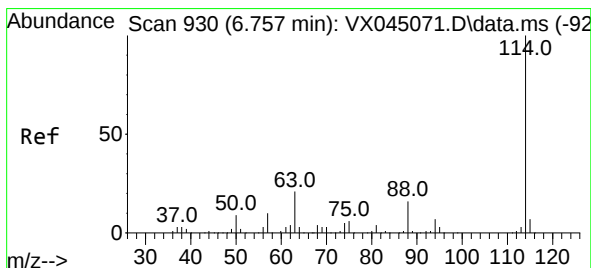
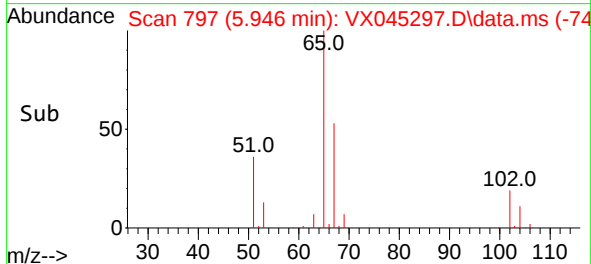
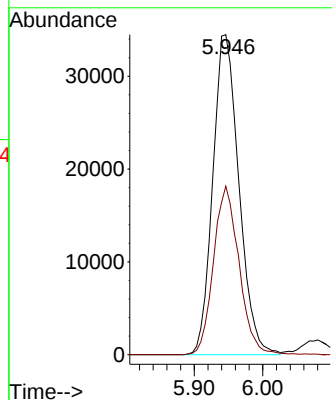
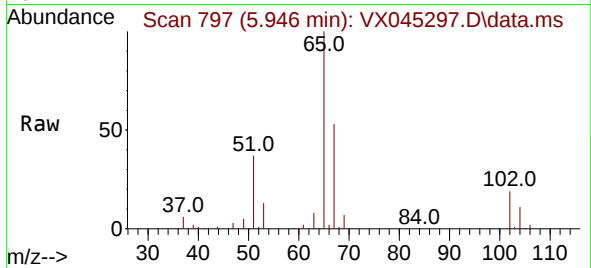
#33
1,2-Dichloroethane-d4
Concen: 50.581 ug/l
RT: 5.946 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 91218
Ion Ratio Lower Upper
65 100
67 51.5 0.0 106.2

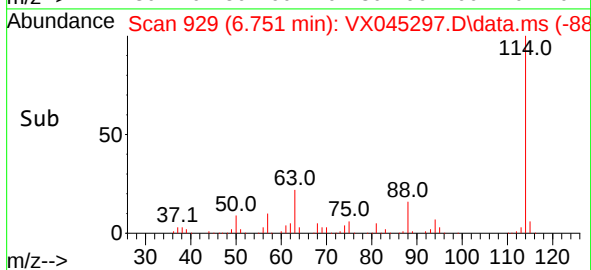
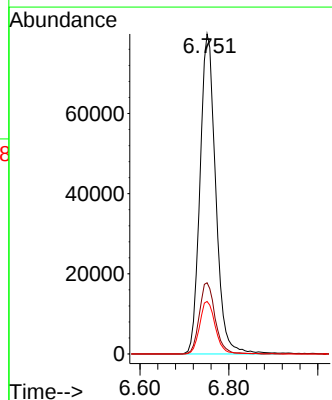
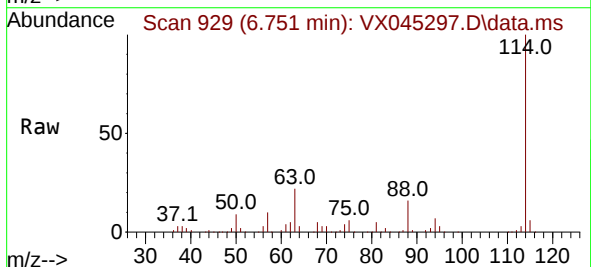
Manual Integrations
APPROVED

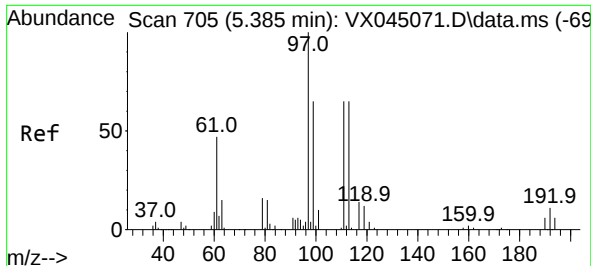
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. -0.006 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

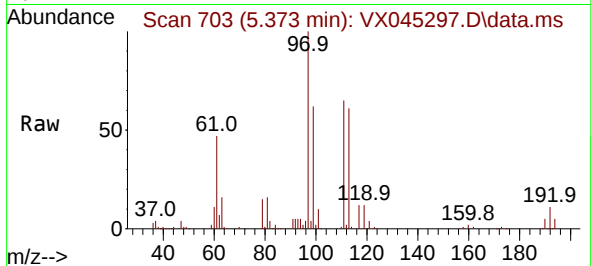
Tgt Ion:114 Resp: 196865
Ion Ratio Lower Upper
114 100
63 22.2 0.0 41.8
88 16.4 0.0 32.8





#35
Dibromofluoromethane
Concen: 51.866 ug/l
RT: 5.373 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

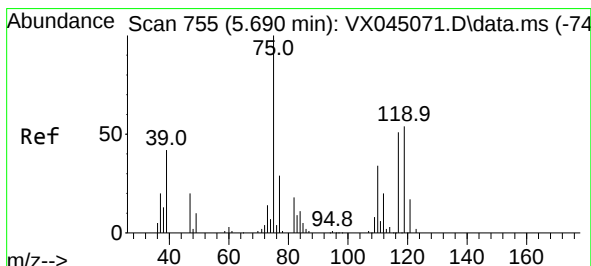
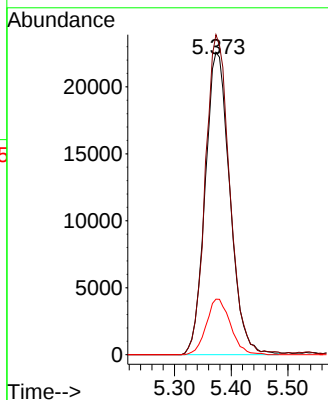
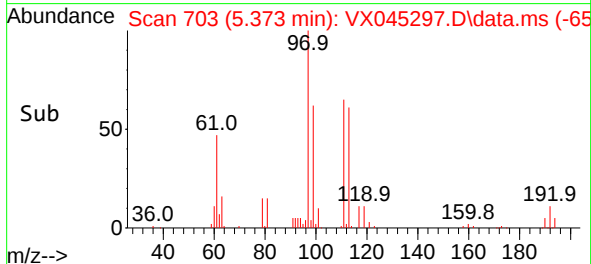
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 68270
Ion Ratio Lower Upper
113 100
111 104.3 81.8 122.6
192 18.0 14.3 21.5

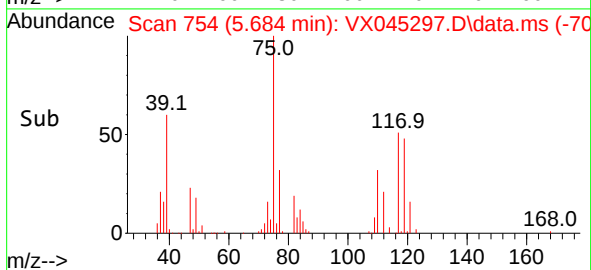
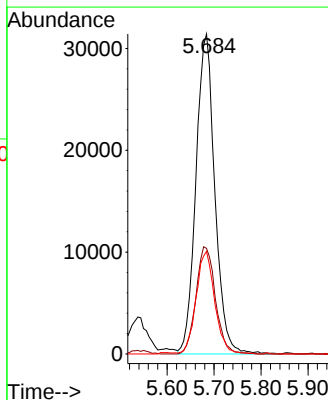
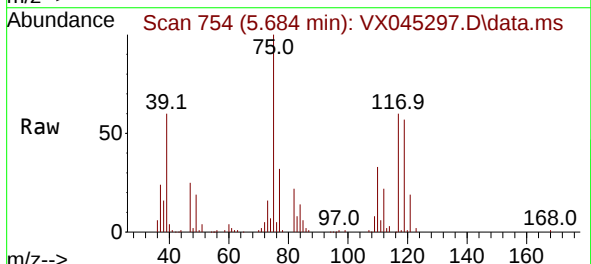
Manual Integrations
APPROVED

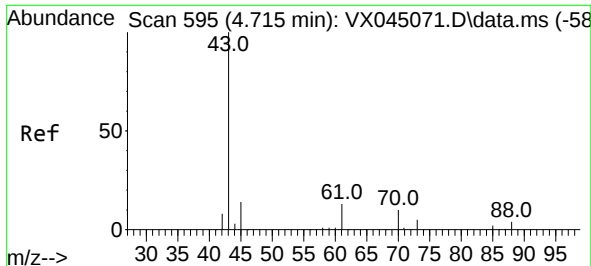
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#36
1,1-Dichloropropene
Concen: 48.713 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

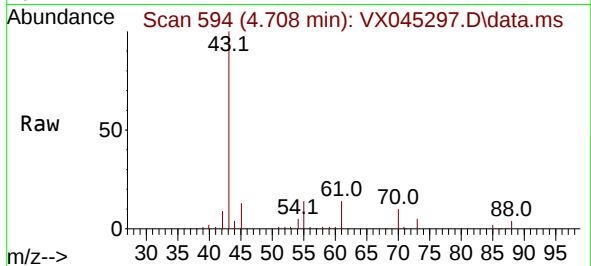
Tgt Ion: 75 Resp: 87941
Ion Ratio Lower Upper
75 100
110 34.4 16.9 50.6
77 31.6 24.5 36.7





#37
Ethyl Acetate
Concen: 47.778 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

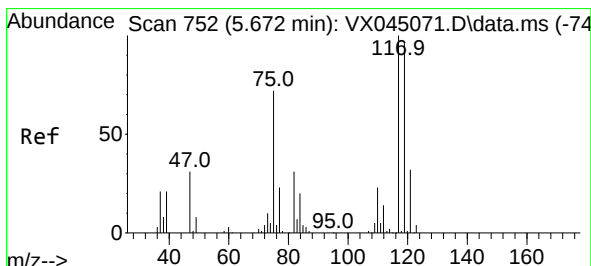
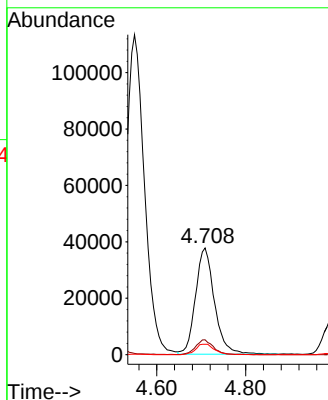
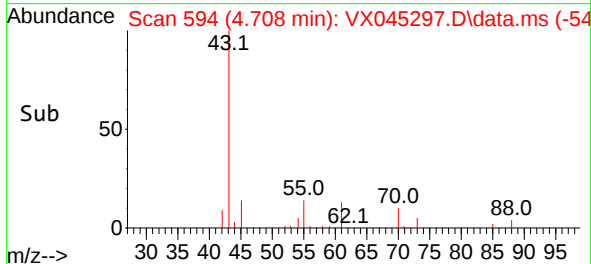
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 11114
Ion Ratio Lower Upper
43 100
61 12.6 10.8 16.2
70 9.8 7.7 11.5

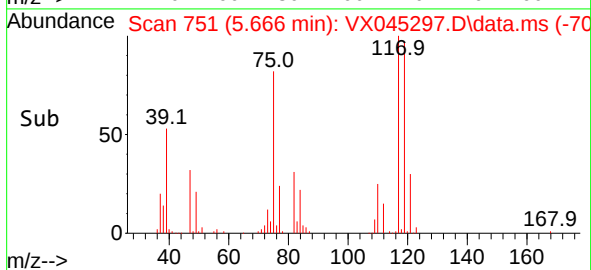
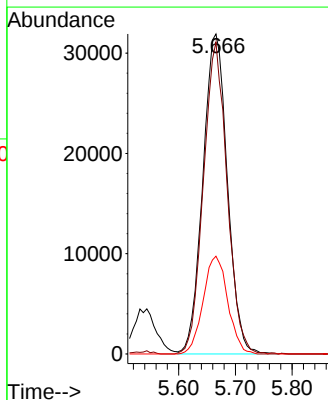
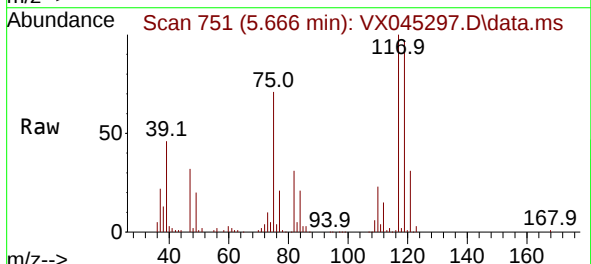
Manual Integrations
APPROVED

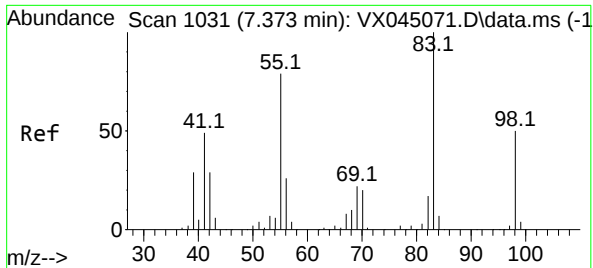
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#38
Carbon Tetrachloride
Concen: 52.341 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

Tgt Ion:117 Resp: 95931
Ion Ratio Lower Upper
117 100
119 97.5 76.7 115.1
121 30.6 25.5 38.3





#39

Methylcyclohexane

Concen: 54.026 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX045297.D

Acq: 17 Mar 2025 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 11686

Ion Ratio Lower Upper

83 100

55 79.7 63.0 94.4

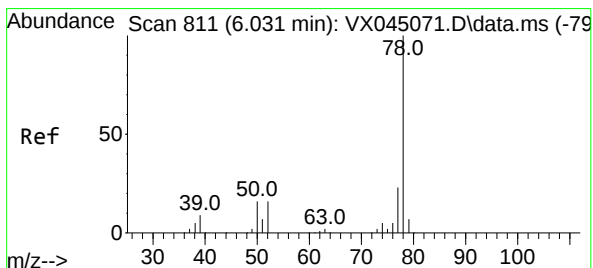
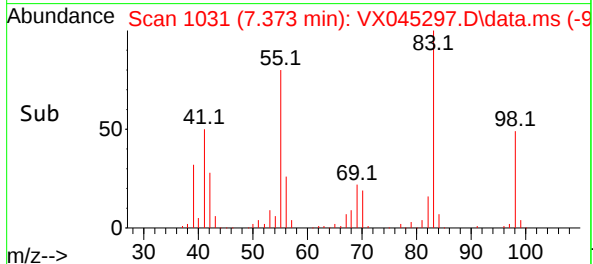
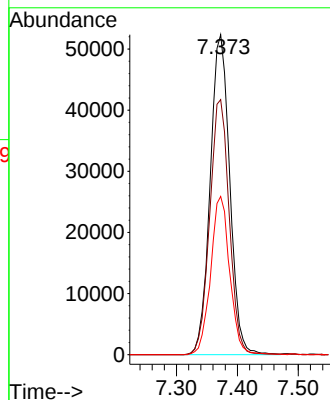
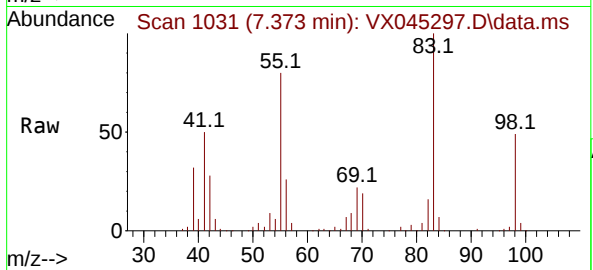
98 49.4 39.7 59.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#40

Benzene

Concen: 48.092 ug/l

RT: 6.025 min Scan# 810

Delta R.T. -0.006 min

Lab File: VX045297.D

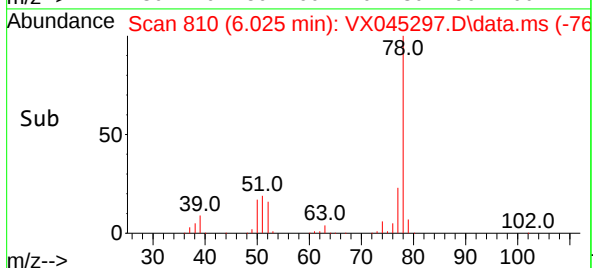
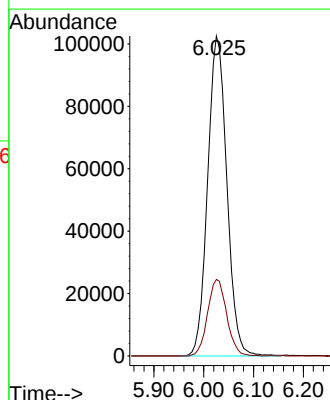
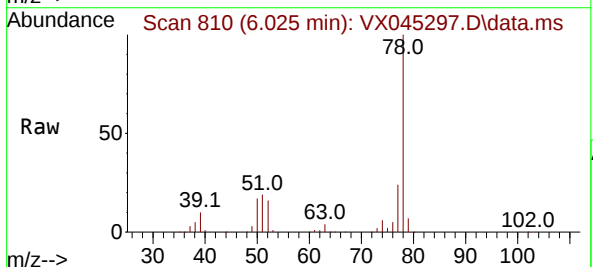
Acq: 17 Mar 2025 11:12

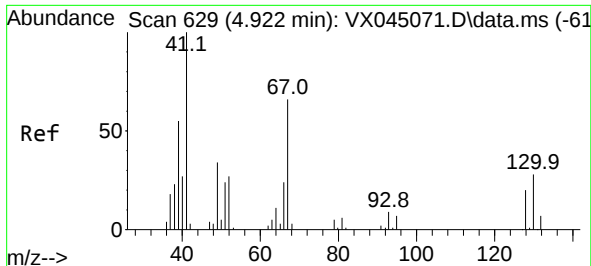
Tgt Ion: 78 Resp: 274161

Ion Ratio Lower Upper

78 100

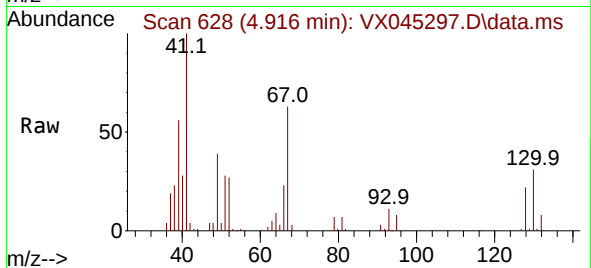
77 23.9 18.8 28.2





#41
Methacrylonitrile
Concen: 50.140 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

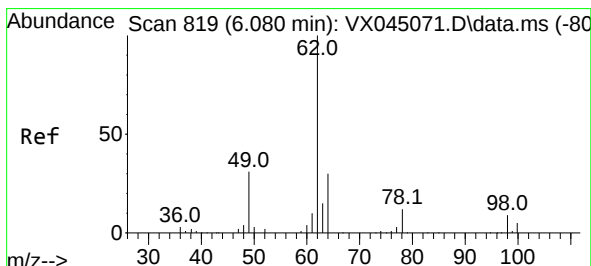
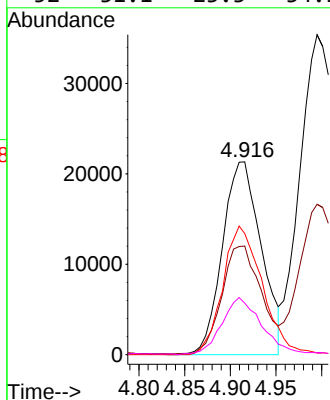
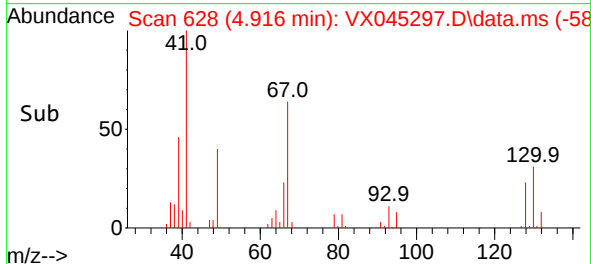
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41	Resp: 6306
Ion Ratio	Lower Upper
41 100	
39 56.8	44.6 67.0
67 68.3	53.9 80.9
52 31.1	23.3 34.9

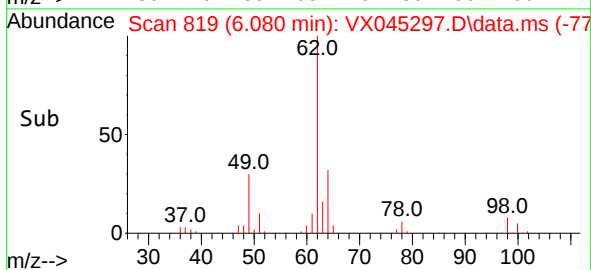
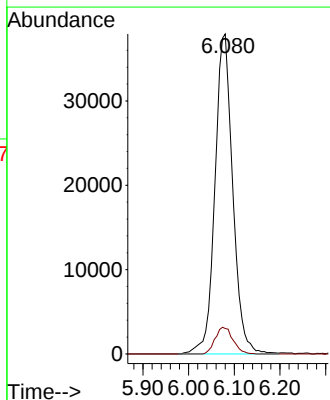
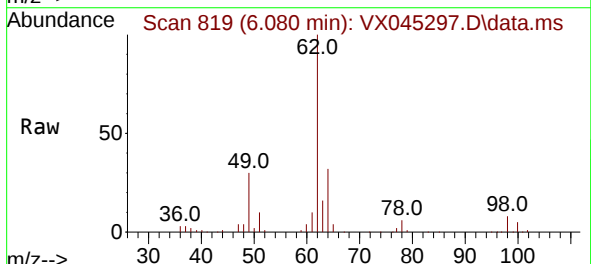
Manual Integrations
APPROVED

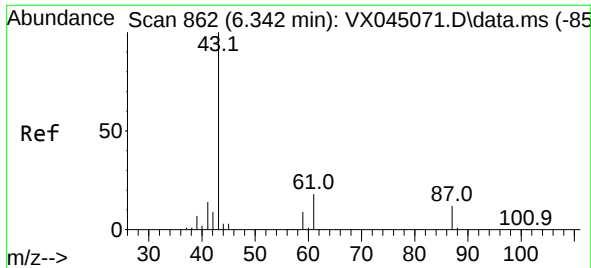
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#42
1,2-Dichloroethane
Concen: 50.116 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

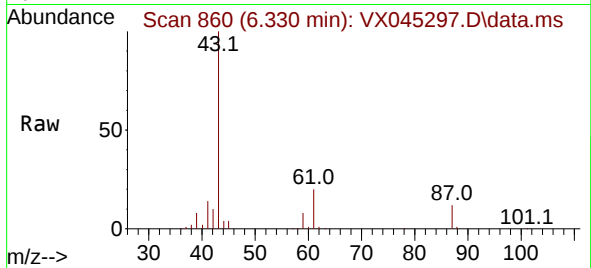
Tgt Ion: 62	Resp: 102880
Ion Ratio	Lower Upper
62 100	
98 8.3	0.0 18.2





#43
Isopropyl Acetate
Concen: 51.354 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.012 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

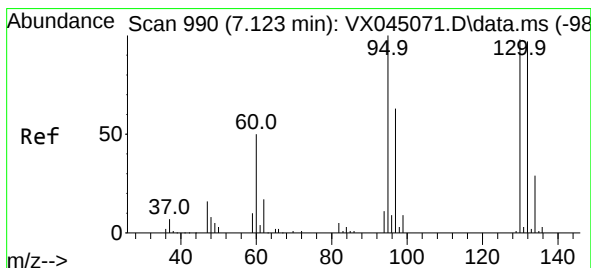
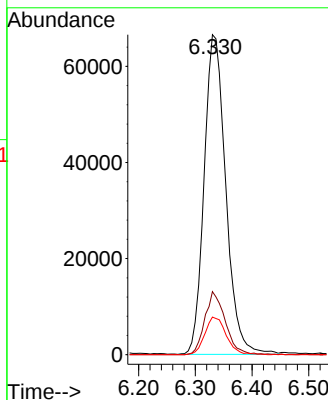
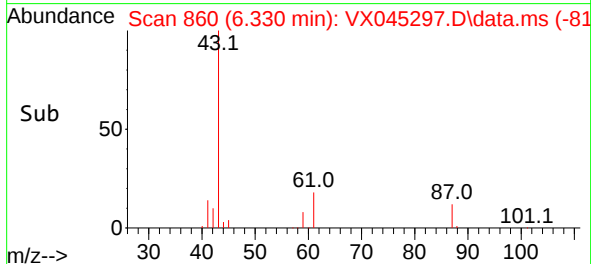
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 176650
Ion Ratio Lower Upper
43 100
61 18.7 14.9 22.3
87 11.6 9.4 14.2

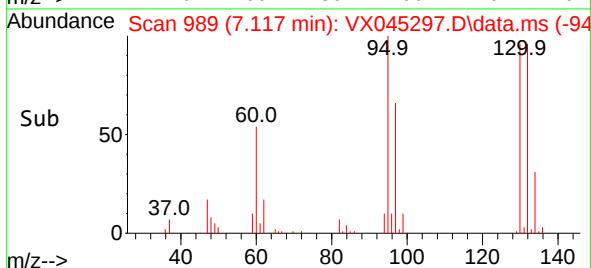
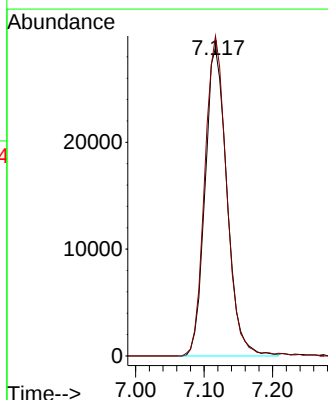
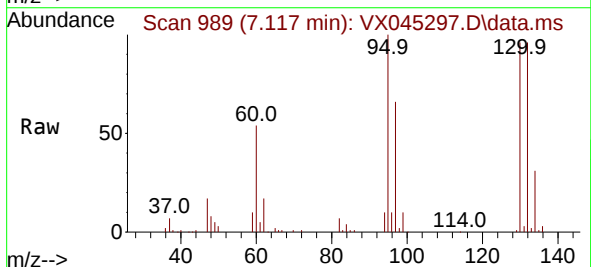
Manual Integrations
APPROVED

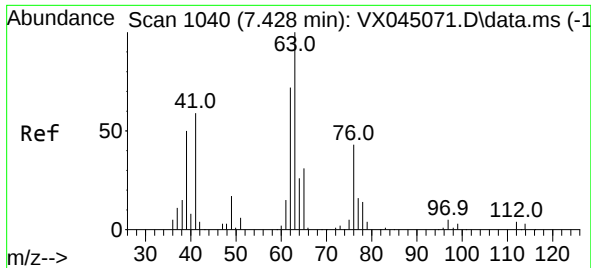
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#44
Trichloroethene
Concen: 47.953 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

Tgt Ion:130 Resp: 64188
Ion Ratio Lower Upper
130 100
95 103.9 0.0 205.0





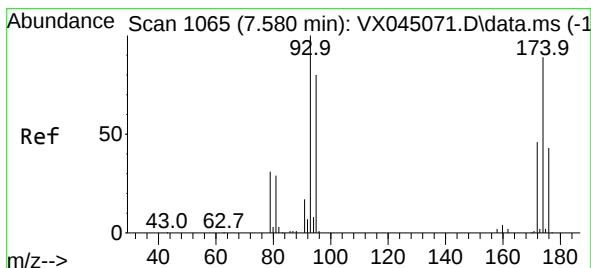
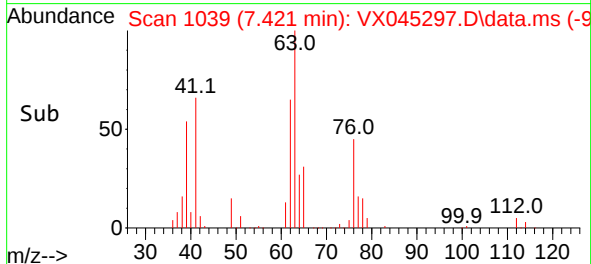
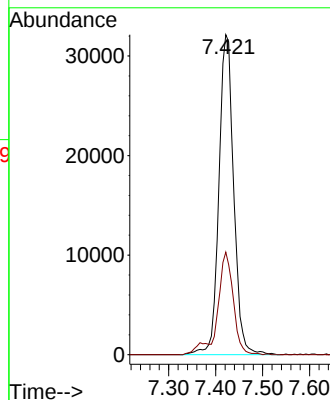
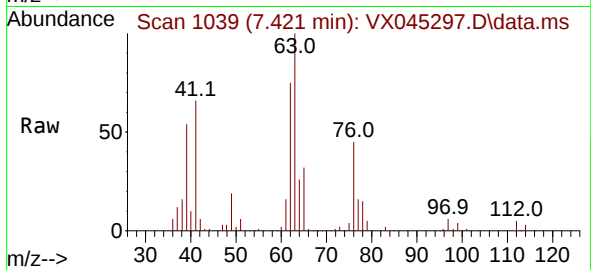
#45
1,2-Dichloropropane
Concen: 48.126 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 70538
Ion Ratio Lower Upper
63 100
65 32.1 24.7 37.1

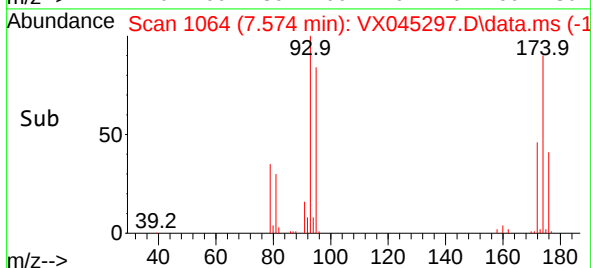
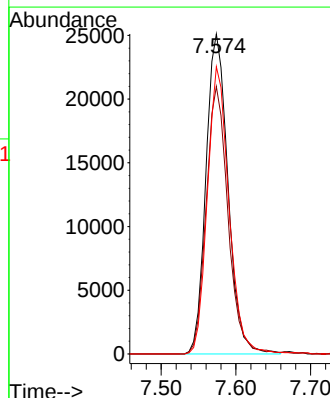
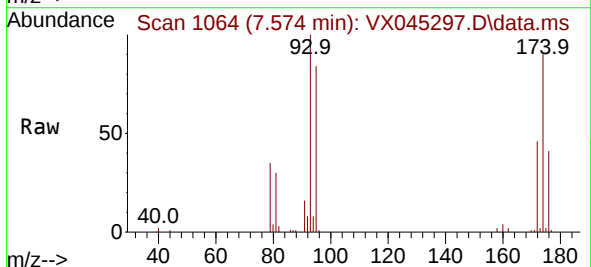
Manual Integrations
APPROVED

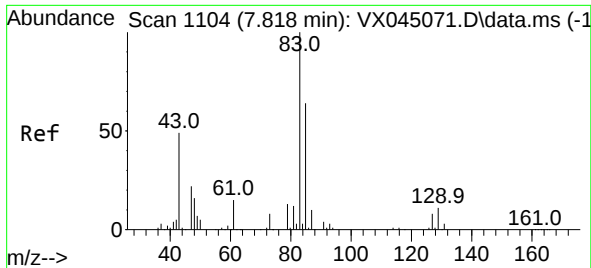
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#46
Dibromomethane
Concen: 49.532 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

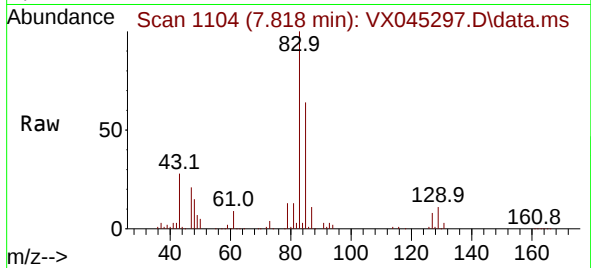
Tgt Ion: 93 Resp: 51314
Ion Ratio Lower Upper
93 100
95 83.4 65.8 98.8
174 88.3 72.2 108.2





#47
Bromodichloromethane
Concen: 51.321 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

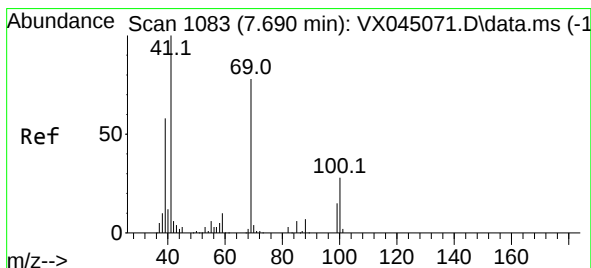
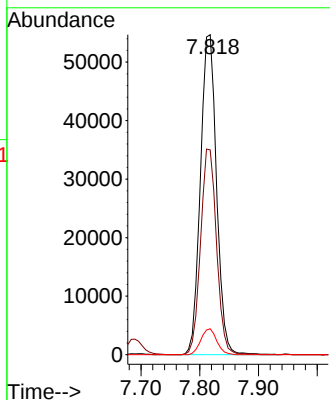
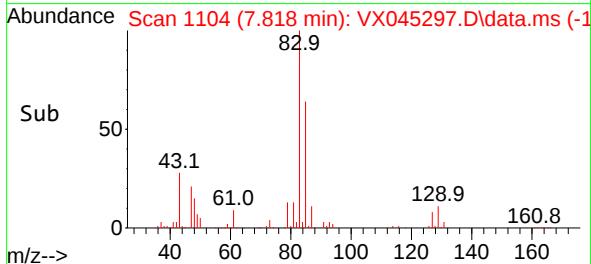
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 104280
Ion Ratio Lower Upper
83 100
85 64.0 51.1 76.7
127 8.1 6.4 9.6

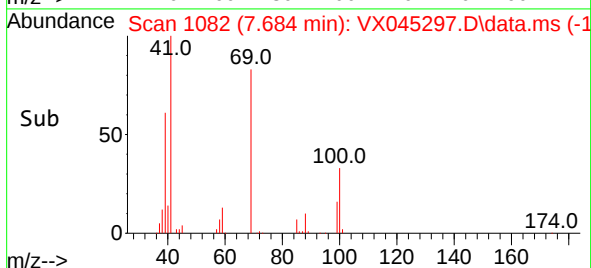
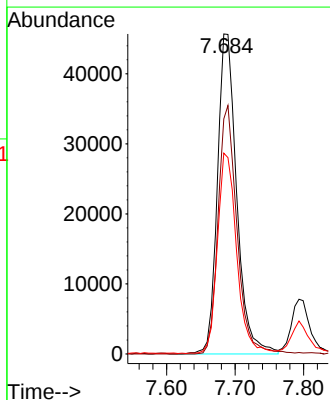
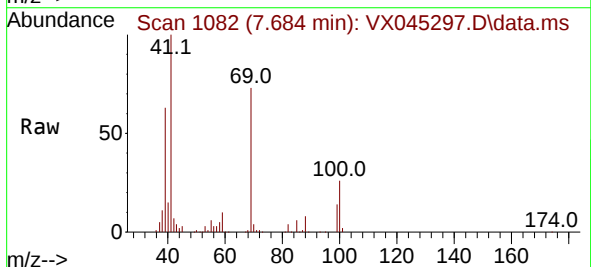
Manual Integrations
APPROVED

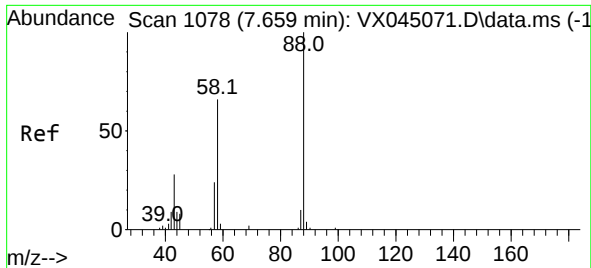
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#48
Methyl methacrylate
Concen: 51.749 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. -0.006 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

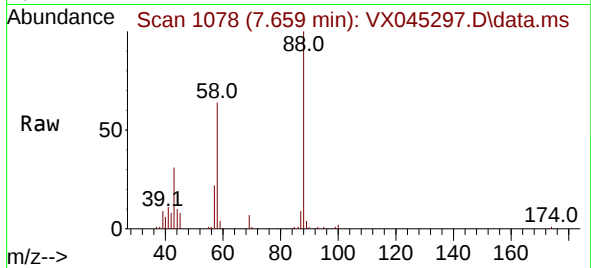
Tgt Ion: 41 Resp: 89305
Ion Ratio Lower Upper
41 100
69 75.6 63.0 94.6
39 62.2 47.5 71.3





#49
1,4-Dioxane
Concen: 919.306 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

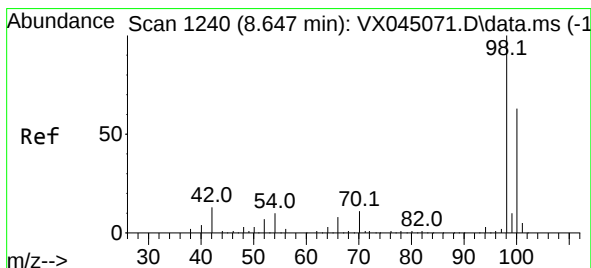
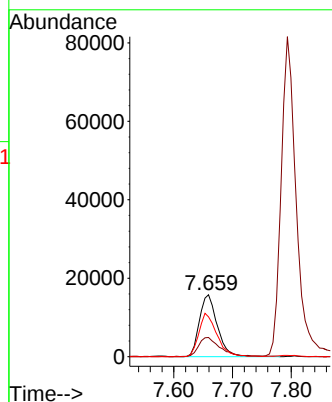
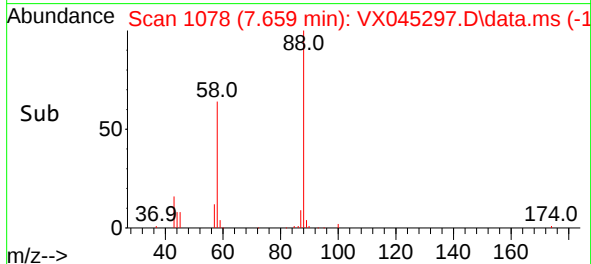
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 3346
Ion Ratio Lower Upper
88 100
43 37.5 28.7 43.1
58 70.4 55.8 83.8

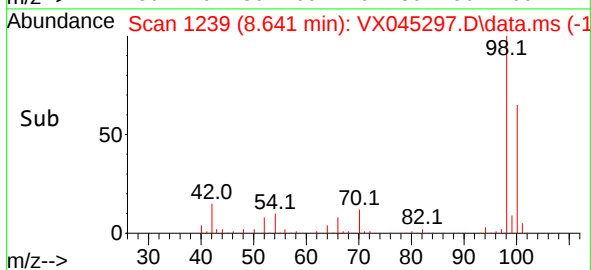
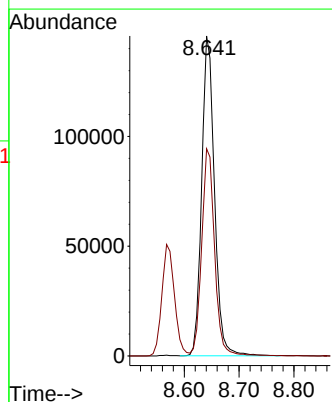
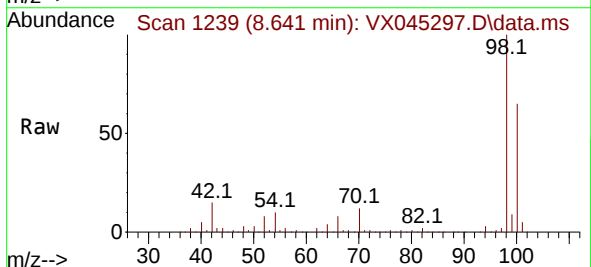
Manual Integrations
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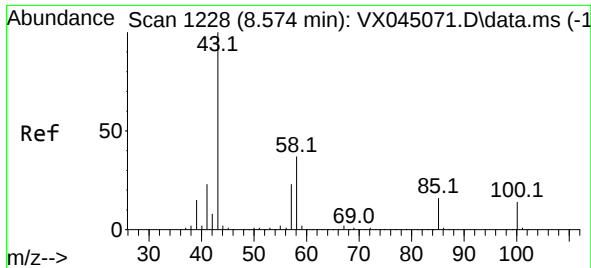
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#50
Toluene-d8
Concen: 49.474 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

Tgt Ion: 98 Resp: 236106
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0





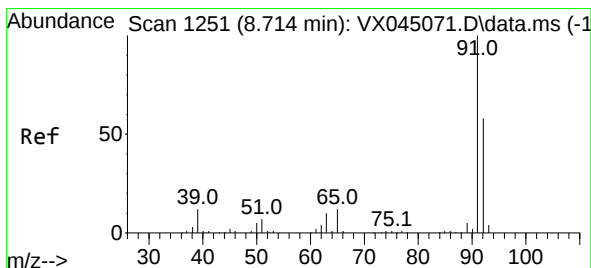
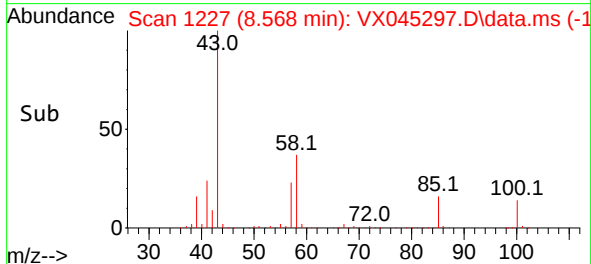
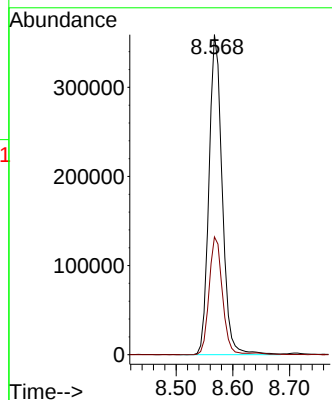
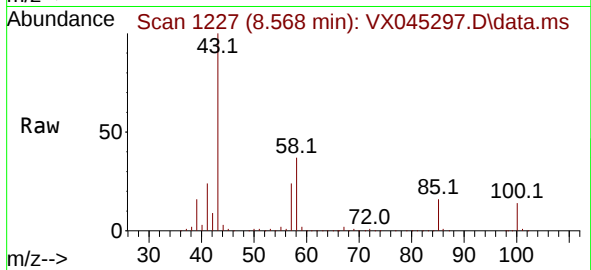
#51
4-Methyl-2-Pentanone
Concen: 251.822 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 581623
Ion Ratio Lower Upper
43 100
58 37.0 29.2 43.8

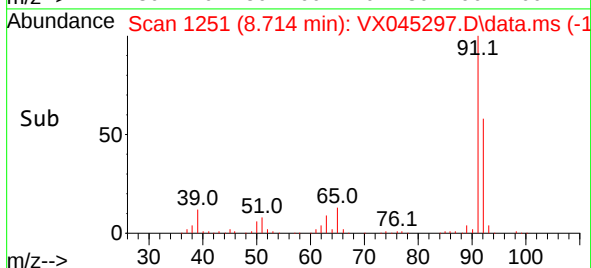
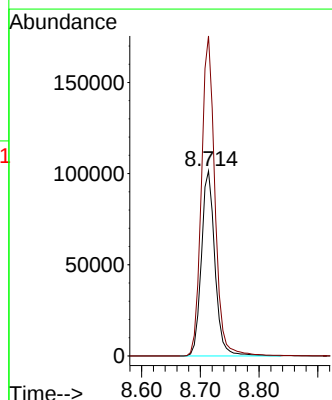
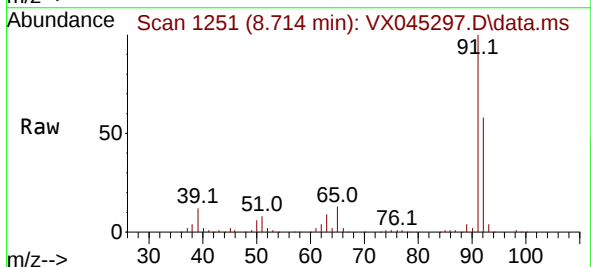
Manual Integrations
APPROVED

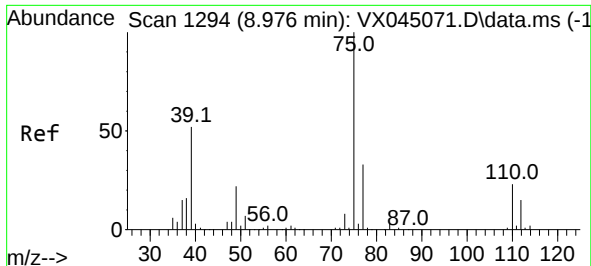
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#52
Toluene
Concen: 48.539 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

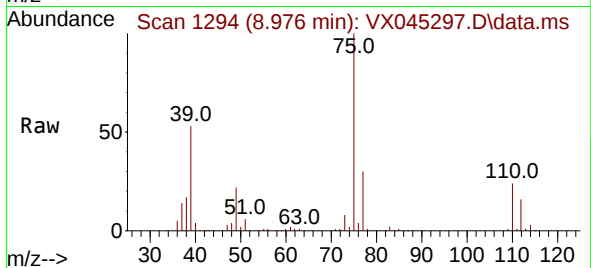
Tgt Ion: 92 Resp: 162349
Ion Ratio Lower Upper
92 100
91 173.1 138.9 208.3





#53
t-1,3-Dichloropropene
Concen: 57.389 ug/l
RT: 8.976 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

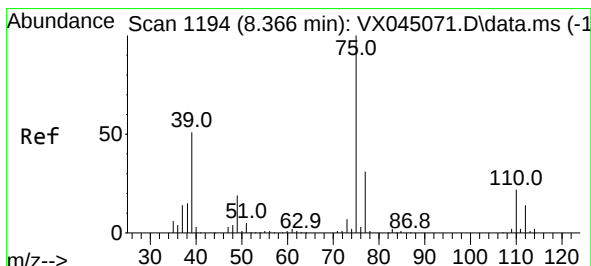
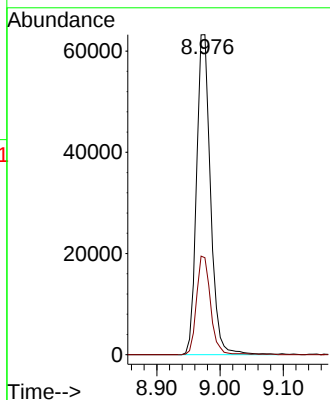
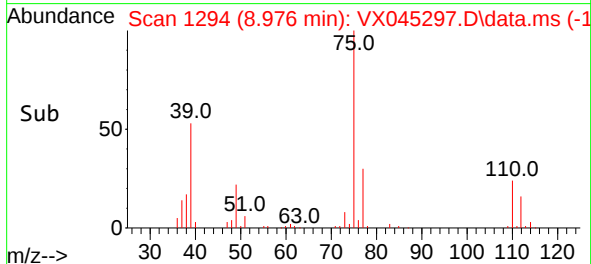
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



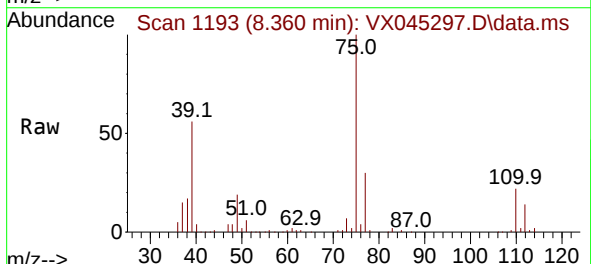
Tgt Ion: 75 Resp: 97492
Ion Ratio Lower Upper
75 100
77 30.3 26.5 39.7

Manual Integrations
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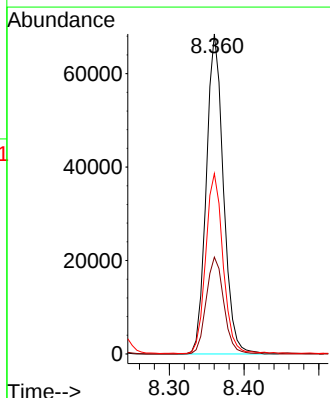
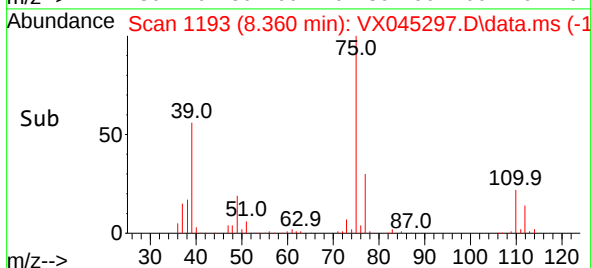
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

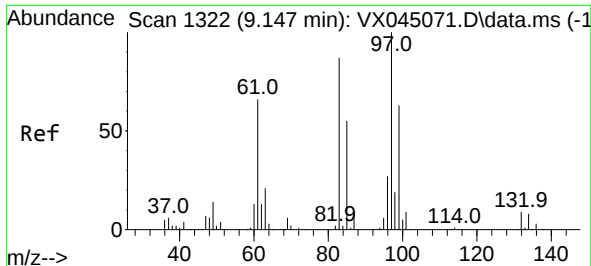


#54
cis-1,3-Dichloropropene
Concen: 55.155 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12



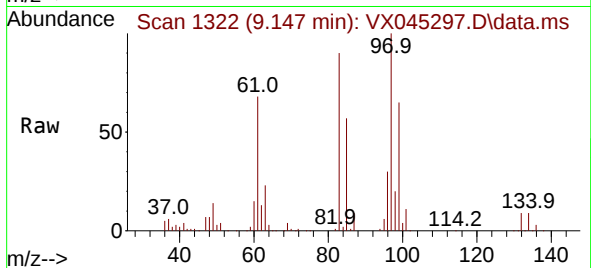
Tgt Ion: 75 Resp: 109259
Ion Ratio Lower Upper
75 100
77 30.3 24.7 37.1
39 56.2 40.7 61.1





#55
1,1,2-Trichloroethane
Concen: 48.317 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

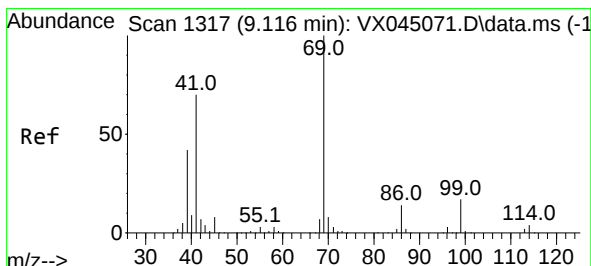
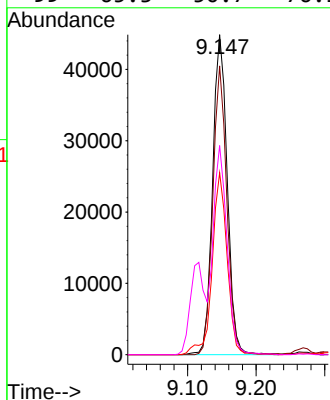
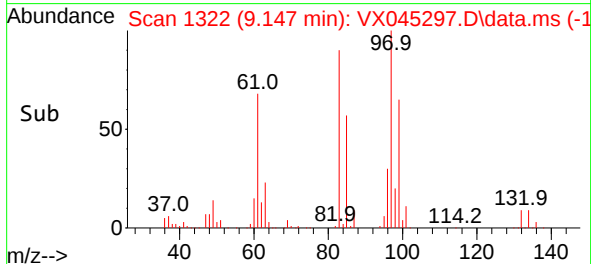


Tgt Ion: 97 Resp: 66529

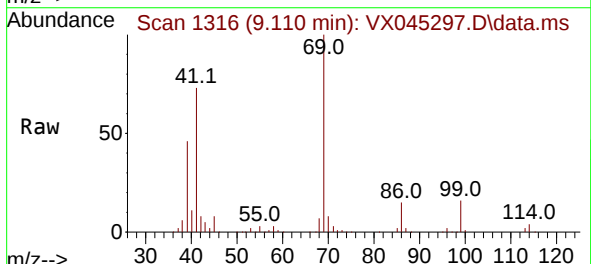
Ion	Ratio	Lower	Upper
97	100		
83	90.2	69.4	104.2
85	56.8	44.1	66.1
99	65.3	50.7	76.1

Manual Integrations
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Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

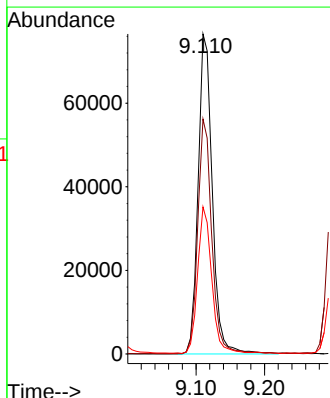
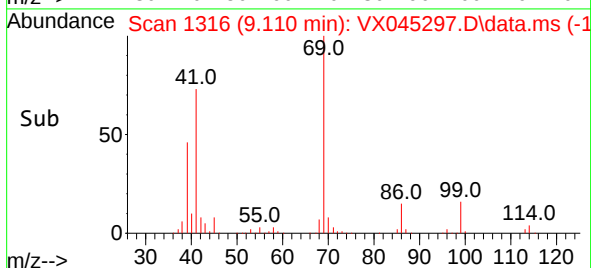


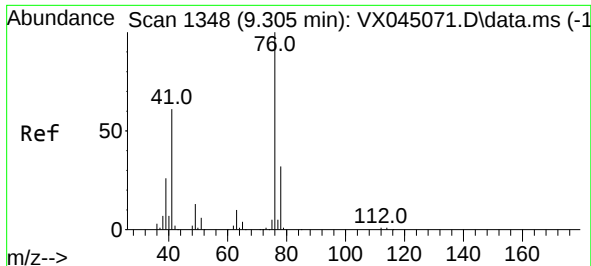
#56
Ethyl methacrylate
Concen: 52.720 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12



Tgt Ion: 69 Resp: 110344

Ion	Ratio	Lower	Upper
69	100		
41	72.9	57.0	85.4
39	45.1	34.2	51.4





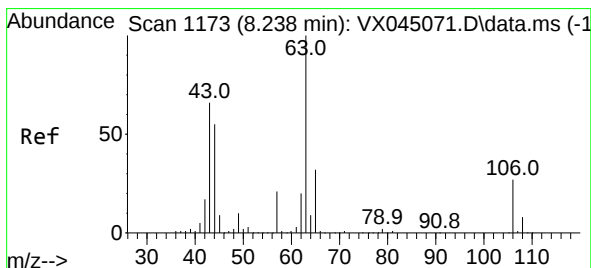
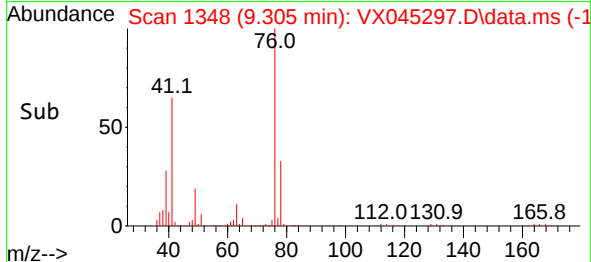
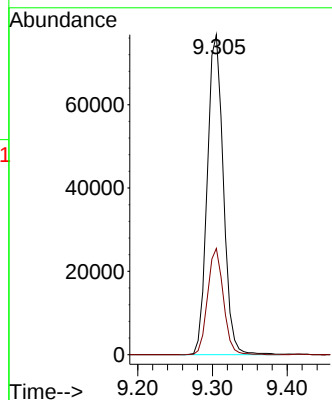
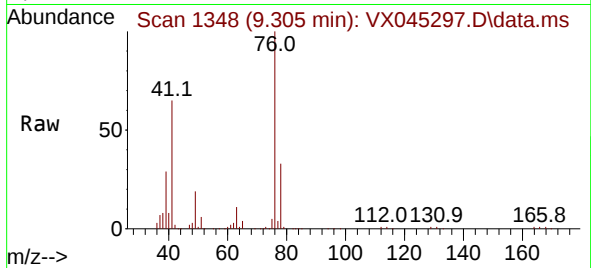
#57
1,3-Dichloropropane
Concen: 48.096 ug/l
RT: 9.305 min Scan# 11460
Delta R.T. -0.000 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 11460
Ion Ratio Lower Upper
76 100
78 32.6 25.5 38.3

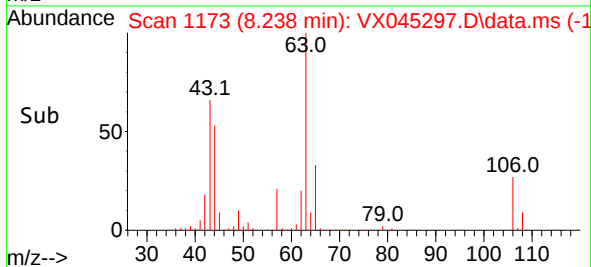
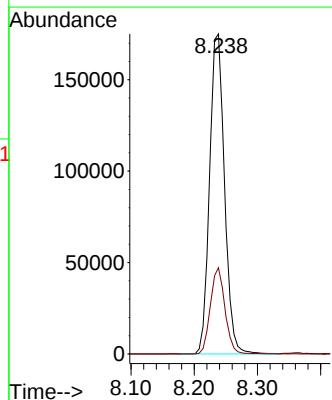
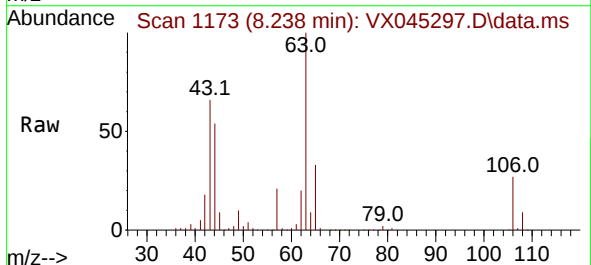
Manual Integrations
APPROVED

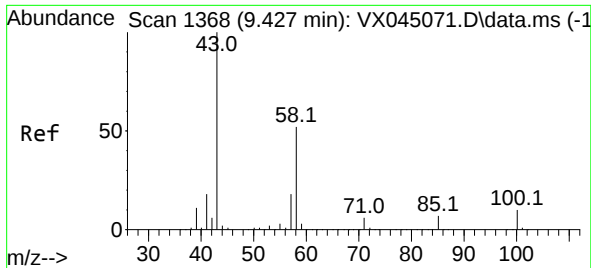
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#58
2-Chloroethyl Vinyl ether
Concen: 281.815 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

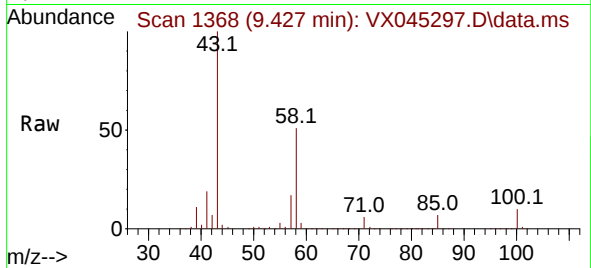
Tgt Ion: 63 Resp: 287733
Ion Ratio Lower Upper
63 100
106 26.2 21.5 32.3





#59
2-Hexanone
Concen: 265.021 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

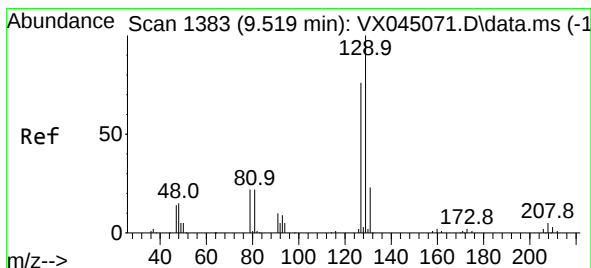
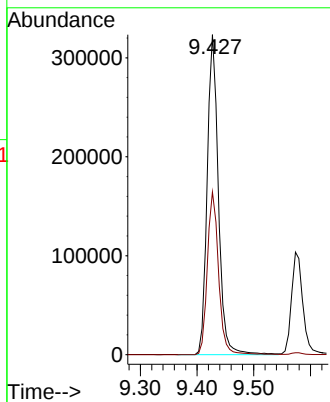
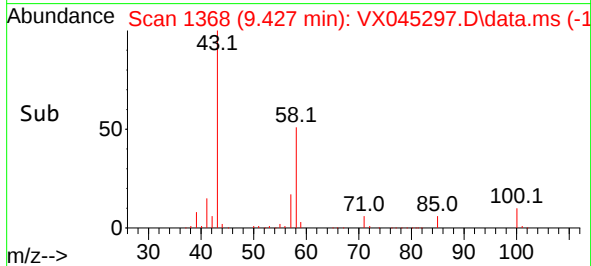
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 44349
Ion Ratio Lower Upper
43 100
58 51.2 25.9 77.6

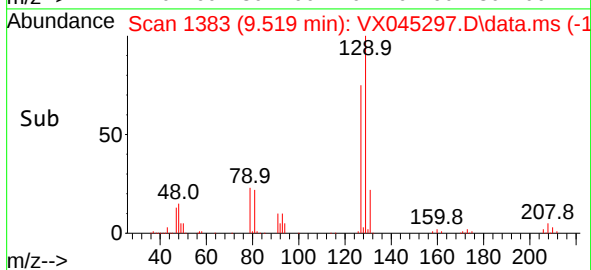
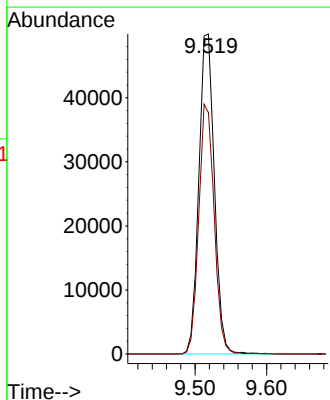
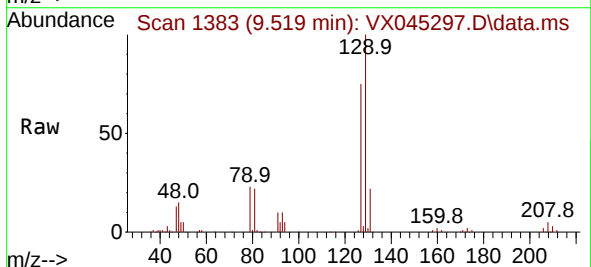
Manual Integrations
APPROVED

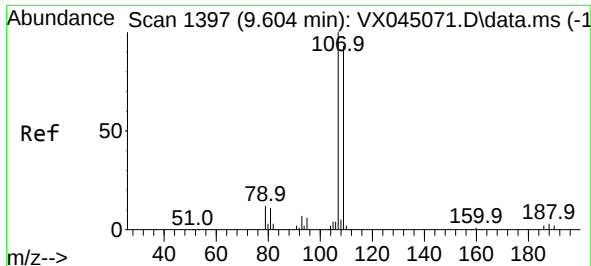
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#60
Dibromochloromethane
Concen: 52.315 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

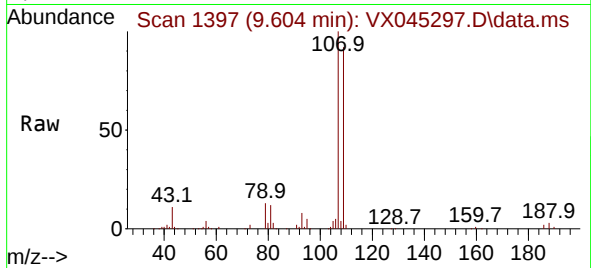
Tgt Ion:129 Resp: 75318
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5





#61
1,2-Dibromoethane
Concen: 49.014 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

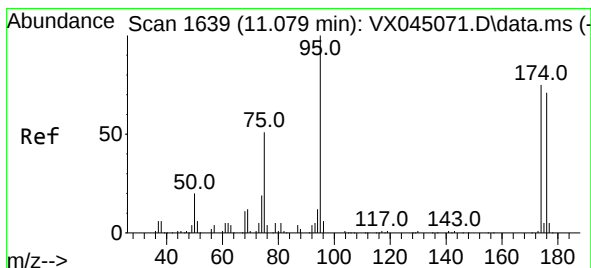
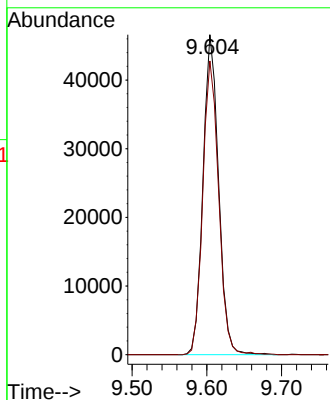
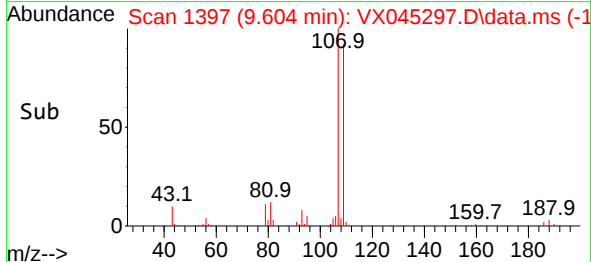
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 67374
Ion Ratio Lower Upper
107 100
109 93.8 76.1 114.1

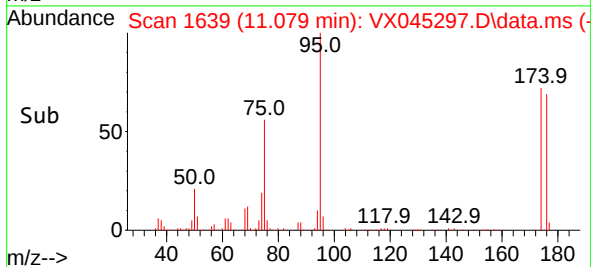
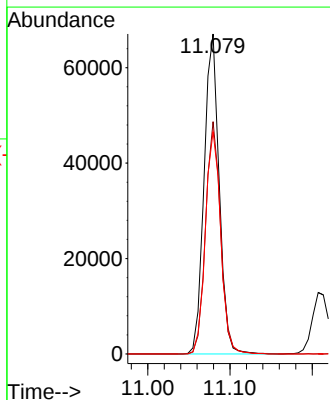
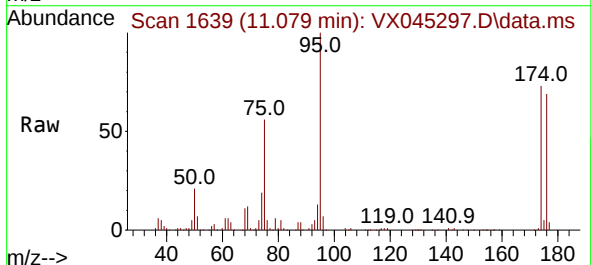
Manual Integrations
APPROVED

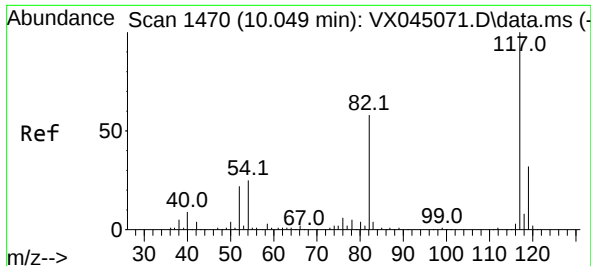
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#62
4-Bromofluorobenzene
Concen: 54.075 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

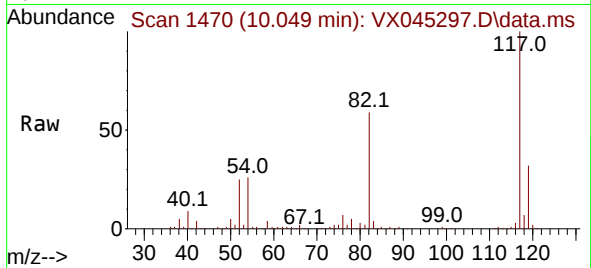
Tgt Ion: 95 Resp: 85515
Ion Ratio Lower Upper
95 100
174 72.1 0.0 148.2
176 70.6 0.0 141.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

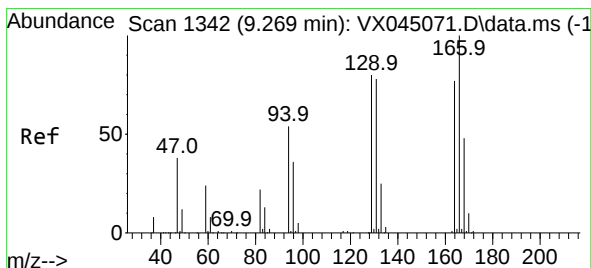
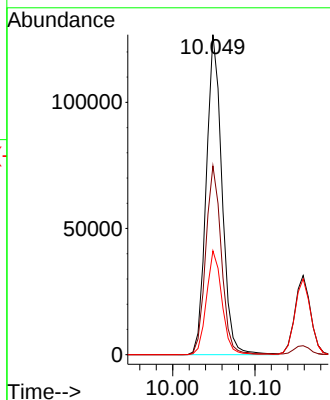
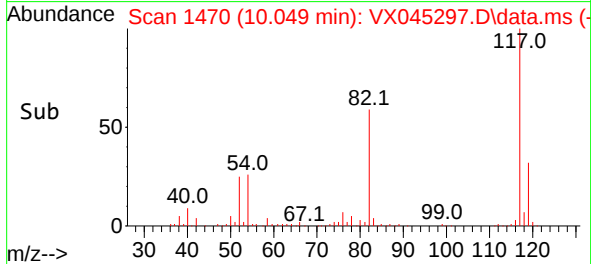
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 167918
Ion Ratio Lower Upper
117 100
82 59.0 46.3 69.5
119 32.5 25.7 38.5

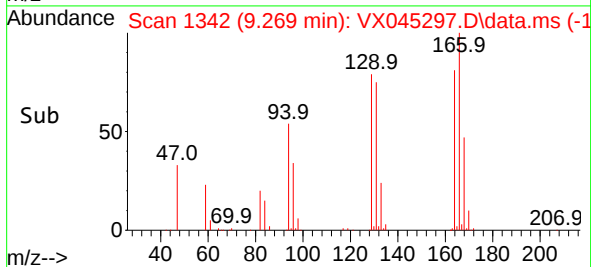
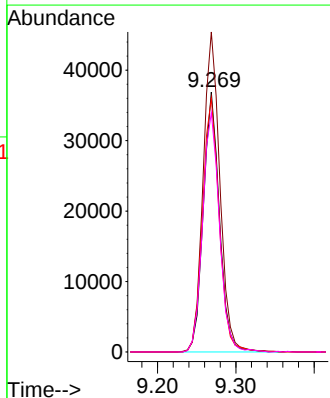
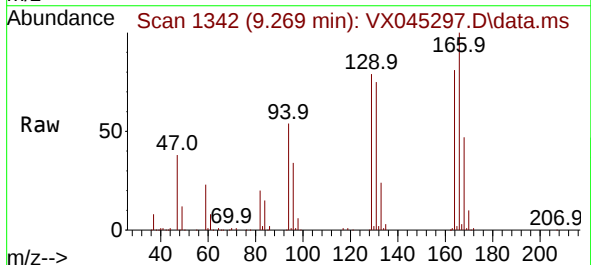
Manual Integrations
APPROVED

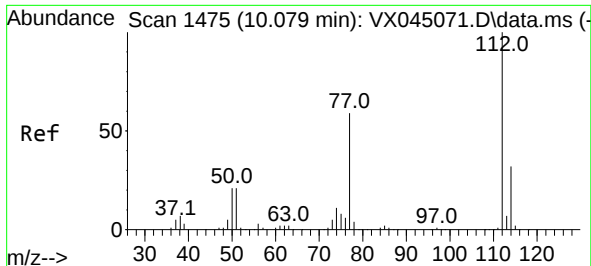
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#64
Tetrachloroethene
Concen: 49.017 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

Tgt Ion:164 Resp: 52715
Ion Ratio Lower Upper
164 100
166 123.2 103.6 155.4
129 97.7 82.7 124.1
131 92.1 80.5 120.7





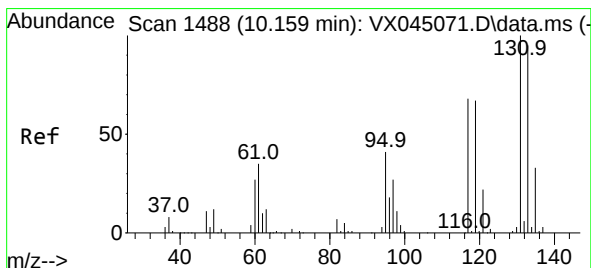
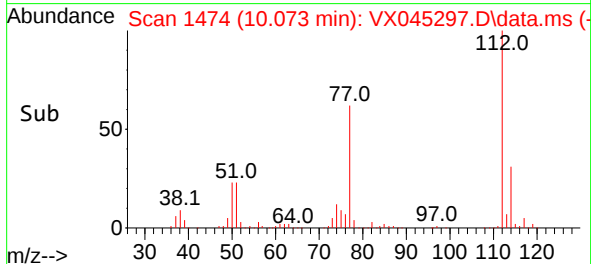
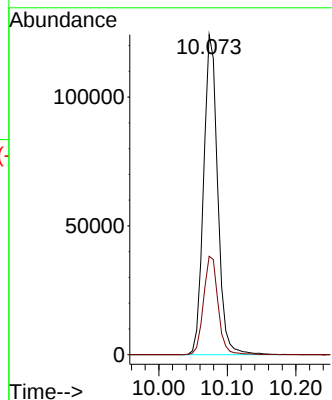
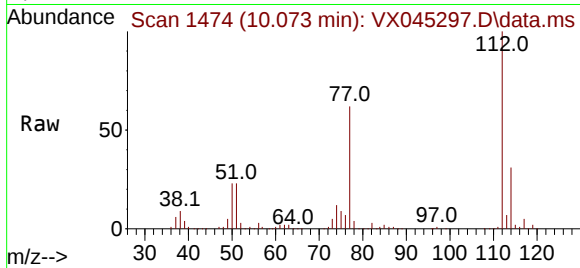
#65
Chlorobenzene
Concen: 50.173 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 178272
Ion Ratio Lower Upper
112 100
114 30.8 26.0 39.0

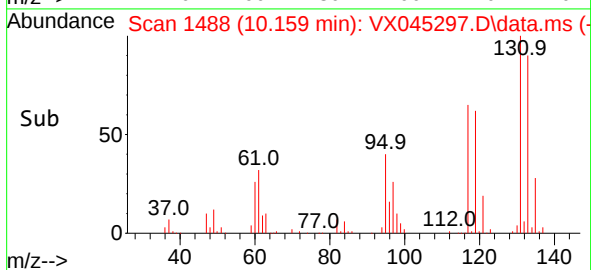
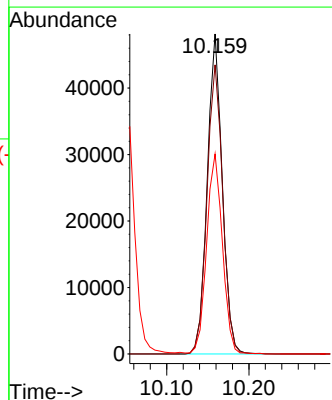
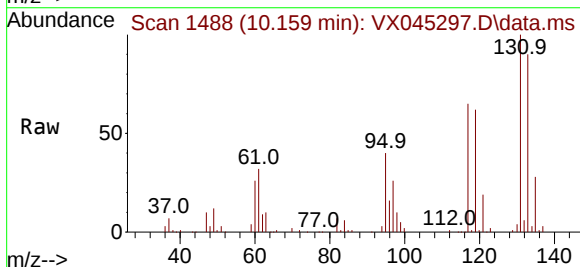
Manual Integrations
APPROVED

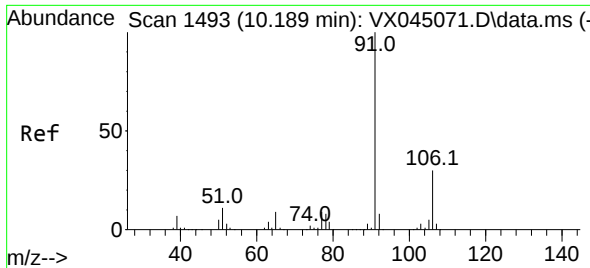
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 51.639 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

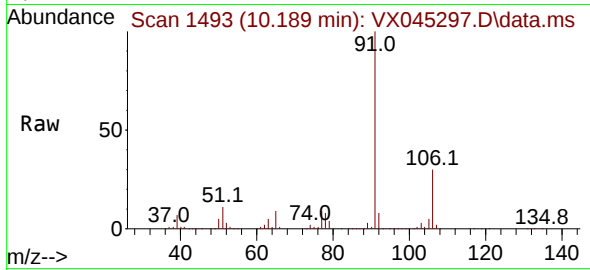
Tgt Ion:131 Resp: 61102
Ion Ratio Lower Upper
131 100
133 94.6 48.6 145.9
119 65.8 33.9 101.7





#67
Ethyl Benzene
Concen: 50.334 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

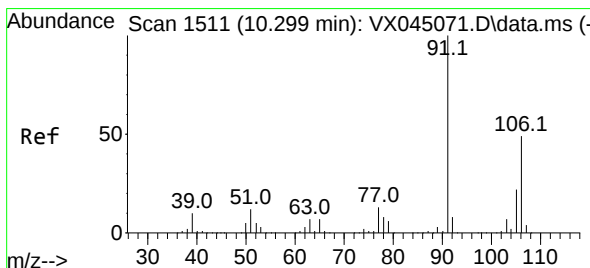
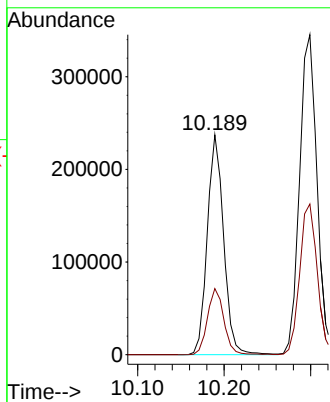
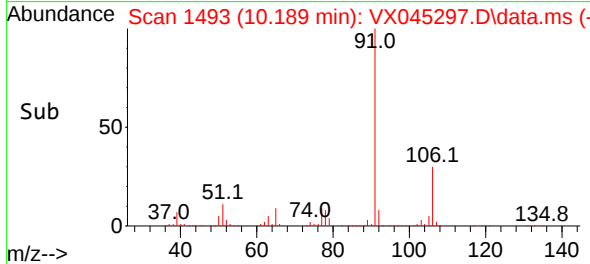
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



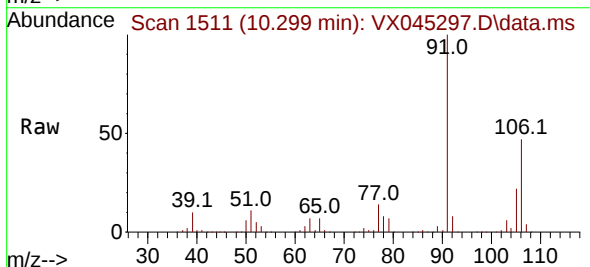
Tgt Ion: 91 Resp: 311624
Ion Ratio Lower Upper
91 100
106 30.1 23.9 35.9

Manual Integrations
APPROVED

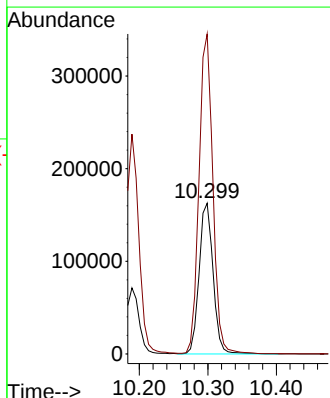
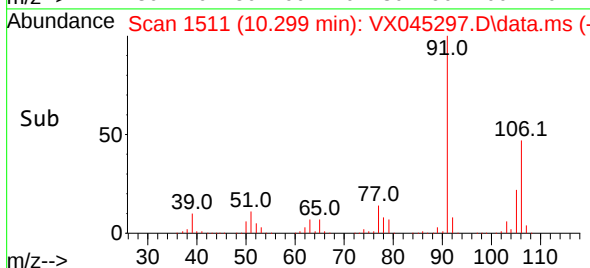
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

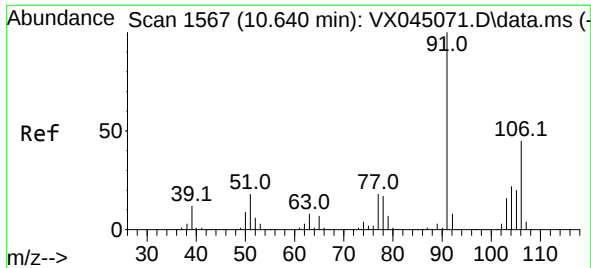


#68
m/p-Xylenes
Concen: 101.962 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12



Tgt Ion:106 Resp: 231086
Ion Ratio Lower Upper
106 100
91 210.4 165.4 248.0





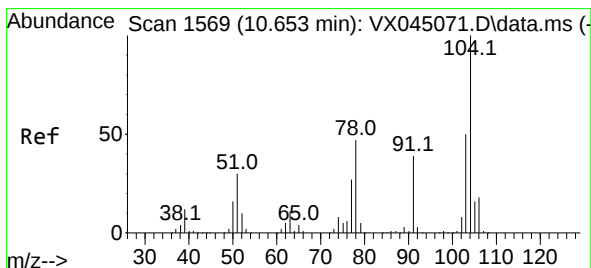
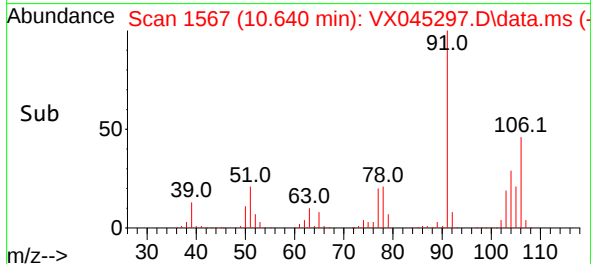
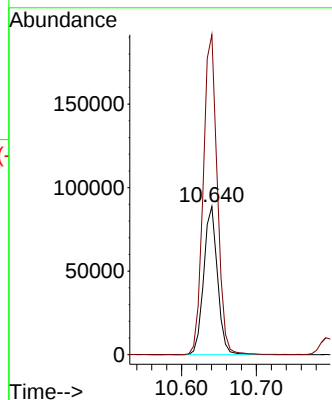
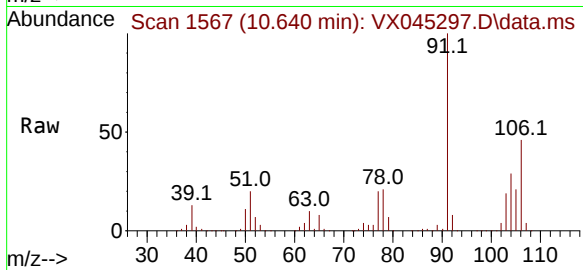
#69
o-Xylene
Concen: 49.681 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 113560
Ion Ratio Lower Upper
106 100
91 220.4 109.9 329.6

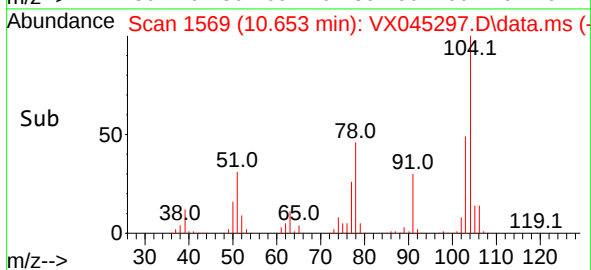
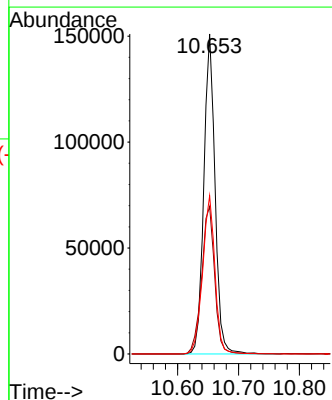
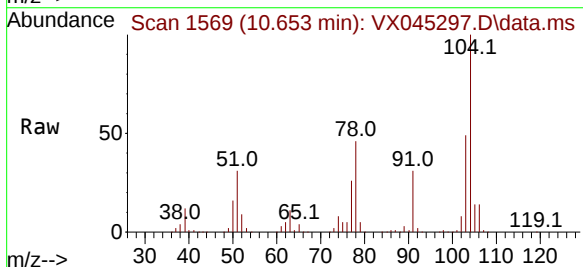
Manual Integrations
APPROVED

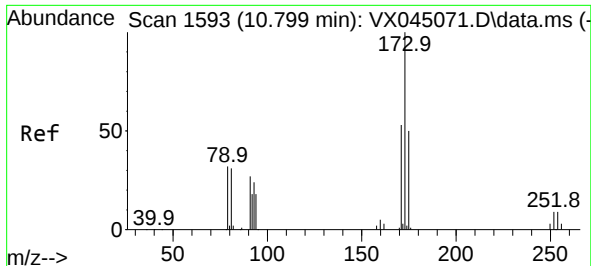
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#70
Styrene
Concen: 52.480 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

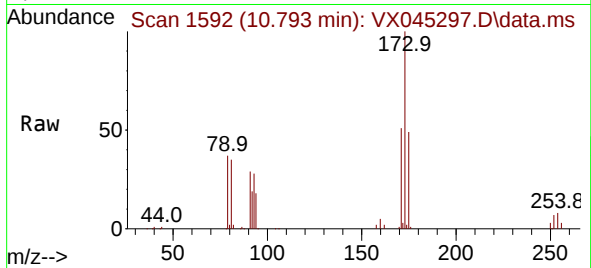
Tgt Ion:104 Resp: 194100
Ion Ratio Lower Upper
104 100
78 53.5 42.2 63.4
103 54.5 43.8 65.8





#71
Bromoform
Concen: 55.354 ug/l
RT: 10.793 min Scan# 1593
Delta R.T. -0.006 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

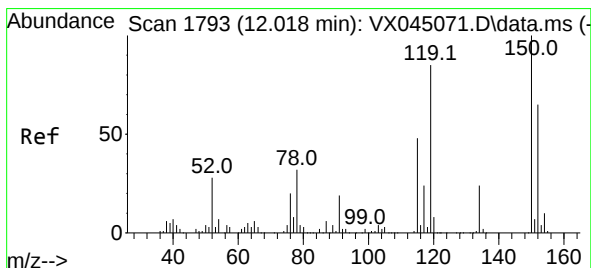
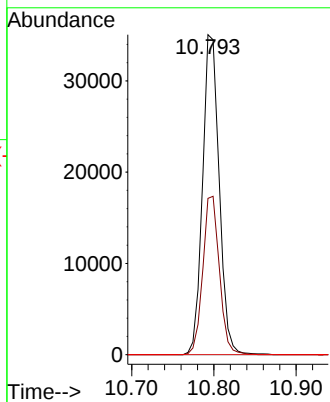
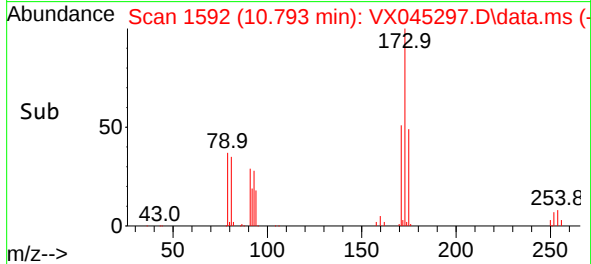
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 4939
Ion Ratio Lower Upper
173 100
175 49.4 24.6 73.6
254 0.0 0.0 0.0

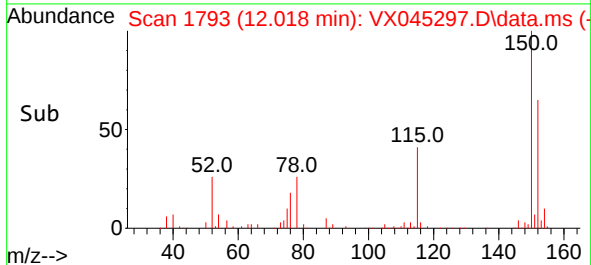
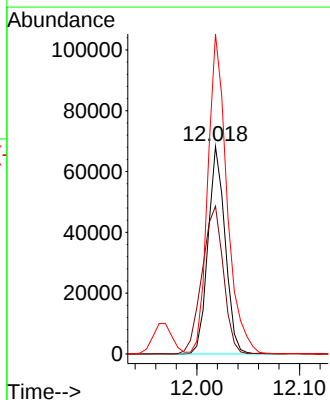
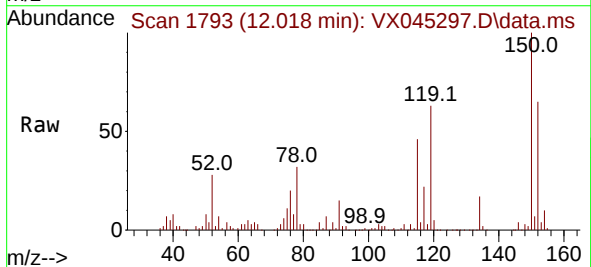
Manual Integrations
APPROVED

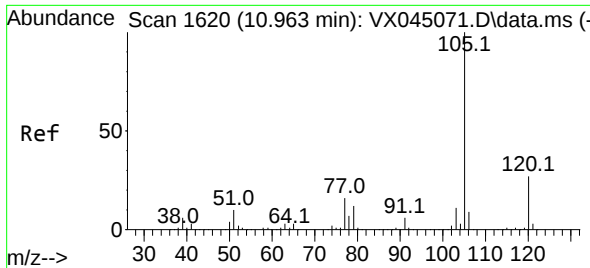
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

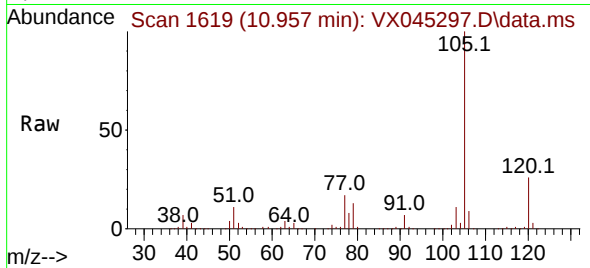
Tgt Ion:152 Resp: 79039
Ion Ratio Lower Upper
152 100
115 89.0 44.2 132.6
150 171.7 0.0 349.0





#73
Isopropylbenzene
Concen: 48.748 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

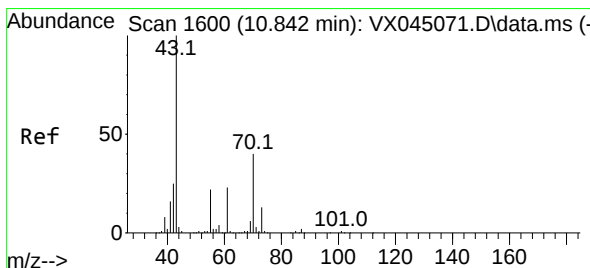
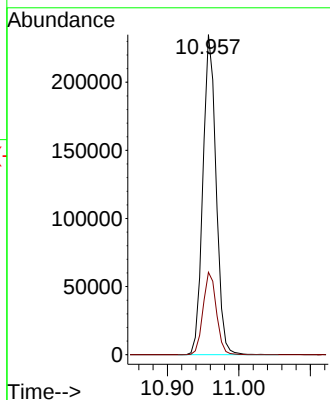
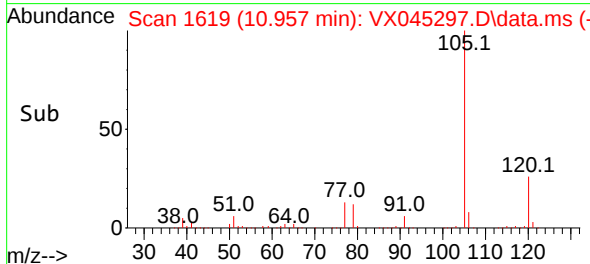
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 300740
Ion Ratio Lower Upper
105 100
120 26.0 13.2 39.5

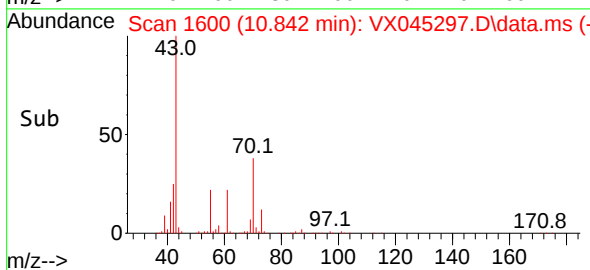
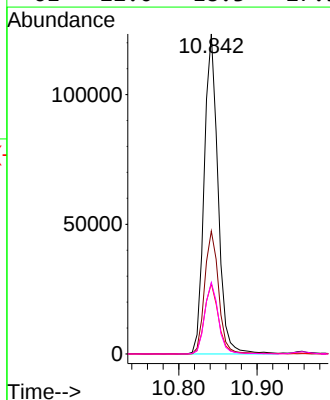
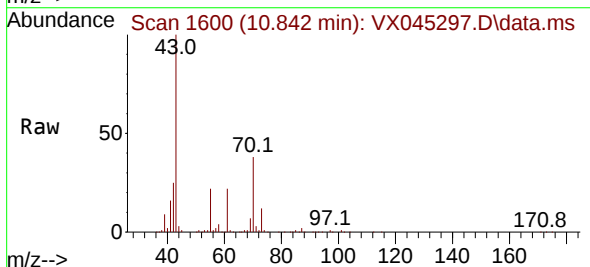
Manual Integrations
APPROVED

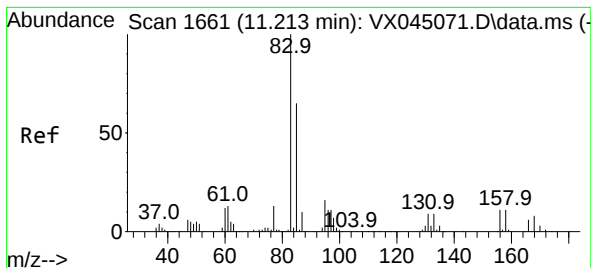
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#74
N-ethyl acetate
Concen: 52.225 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

Tgt Ion: 43 Resp: 151182
Ion Ratio Lower Upper
43 100
70 39.1 31.8 47.6
55 22.4 18.3 27.5
61 22.0 18.3 27.5





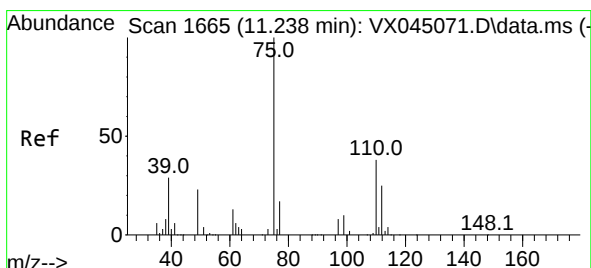
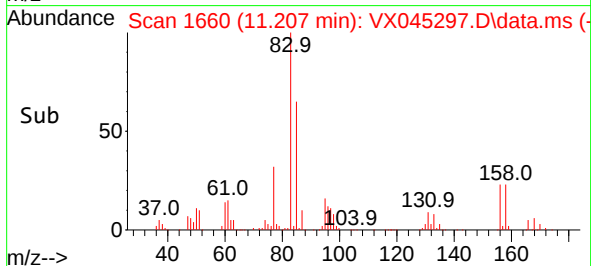
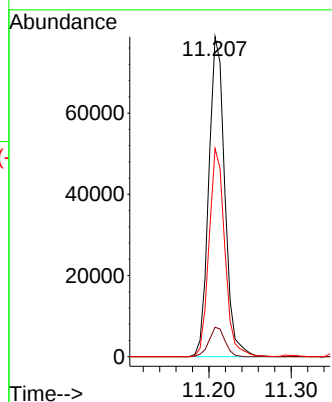
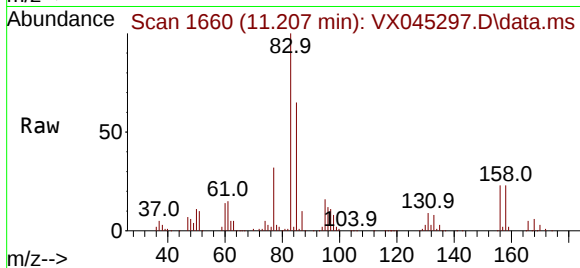
#75
1,1,2,2-Tetrachloroethane
Concen: 47.064 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 10654
Ion Ratio Lower Upper
83 100
131 9.2 4.5 13.4
85 64.0 31.7 95.1

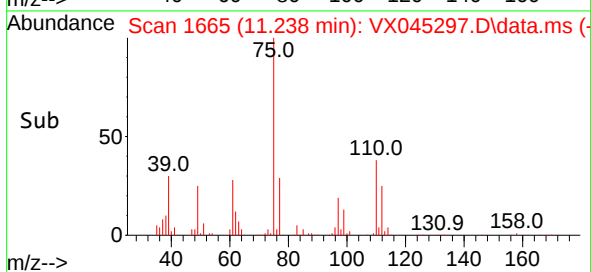
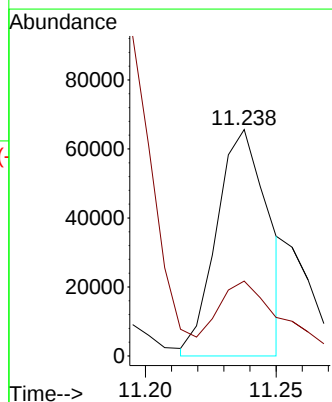
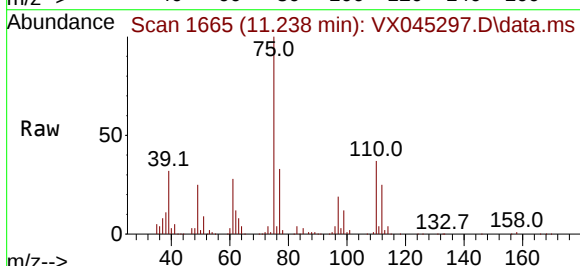
Manual Integrations
APPROVED

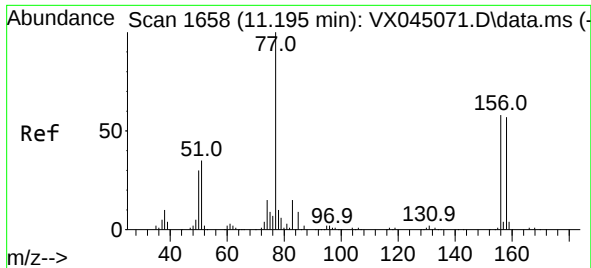
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#76
1,2,3-Trichloropropane
Concen: 48.865 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

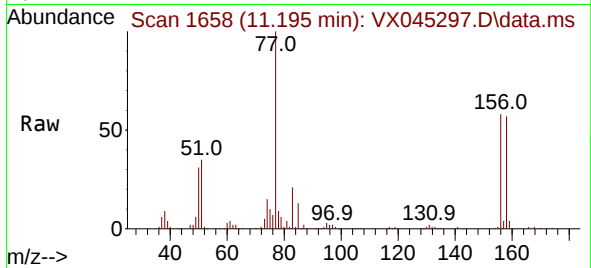
Tgt Ion: 75 Resp: 89894
Ion Ratio Lower Upper
75 100
77 41.1 20.7 62.1





#77
Bromobenzene
Concen: 47.345 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

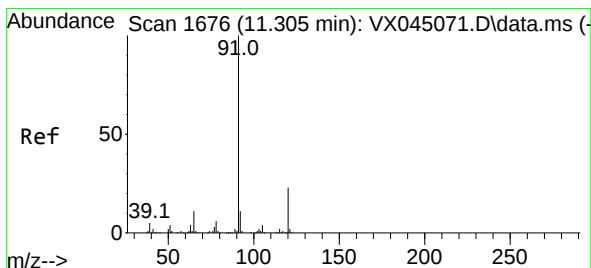
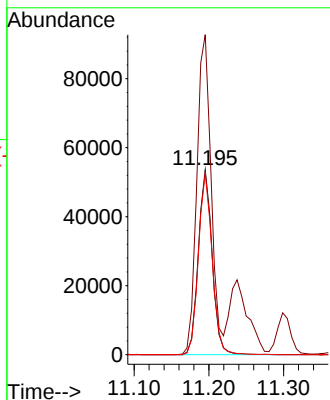
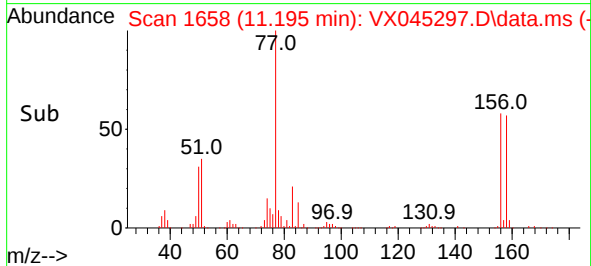
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



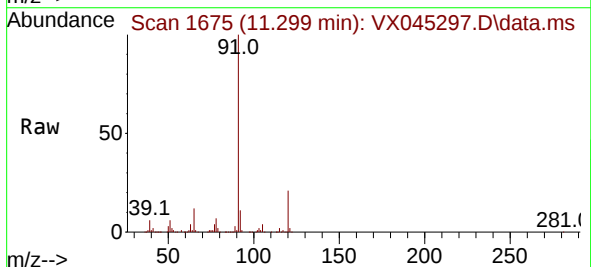
Tgt Ion:156 Resp: 68914
Ion Ratio Lower Upper
156 100
77 178.9 85.8 257.4
158 97.8 48.4 145.2

Manual Integrations
APPROVED

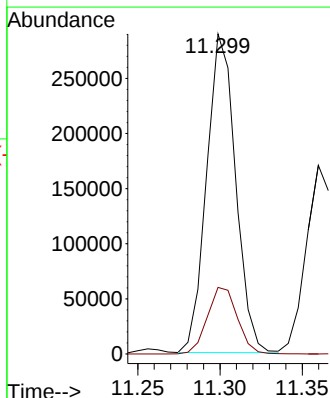
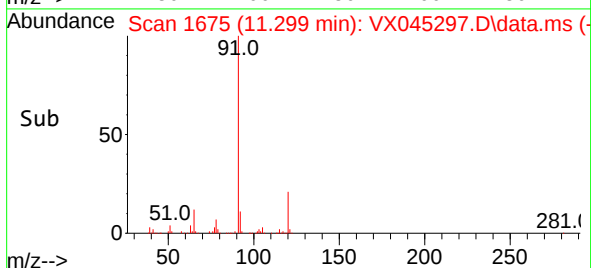
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

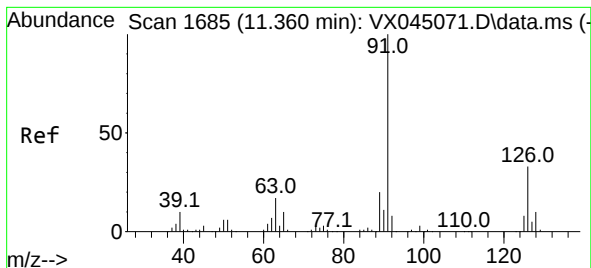


#78
n-propylbenzene
Concen: 50.920 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12



Tgt Ion: 91 Resp: 354861
Ion Ratio Lower Upper
91 100
120 21.6 11.2 33.6





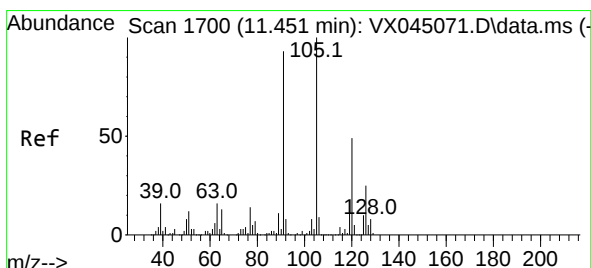
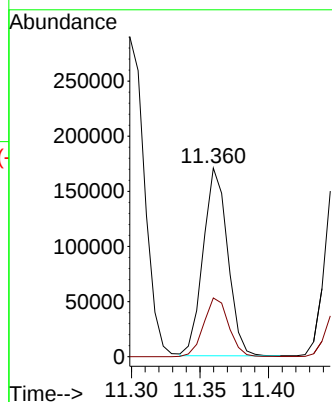
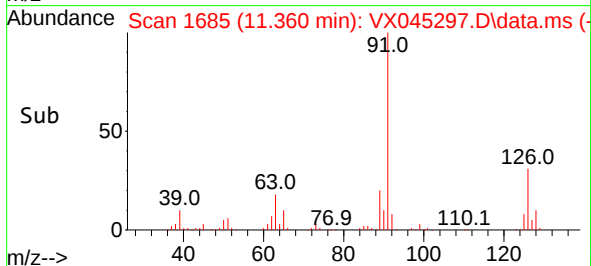
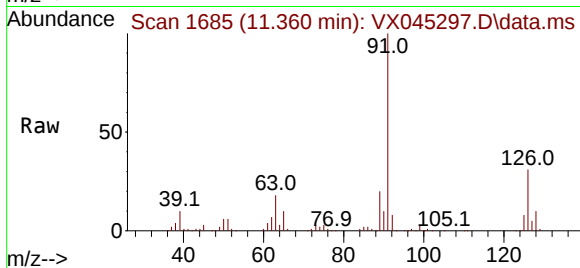
#79
2-Chlorotoluene
Concen: 47.877 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 212489
Ion Ratio Lower Upper
91 100
126 31.9 16.4 49.4

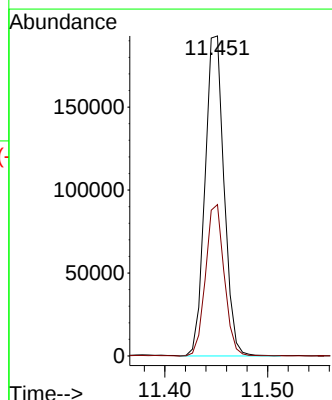
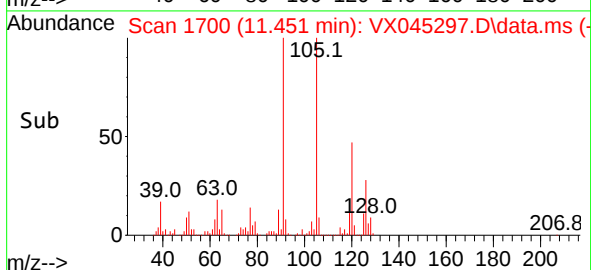
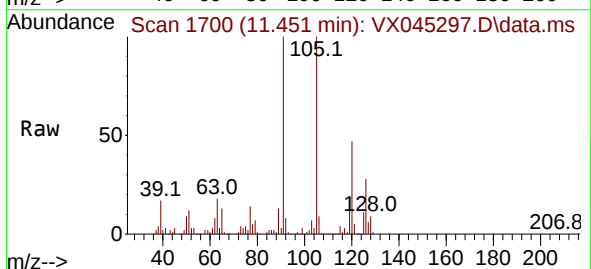
Manual Integrations
APPROVED

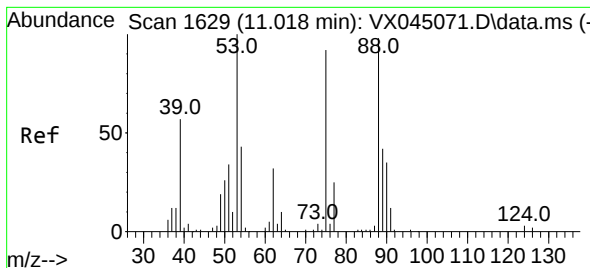
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#80
1,3,5-Trimethylbenzene
Concen: 49.858 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

Tgt Ion:105 Resp: 248705
Ion Ratio Lower Upper
105 100
120 46.4 24.1 72.2





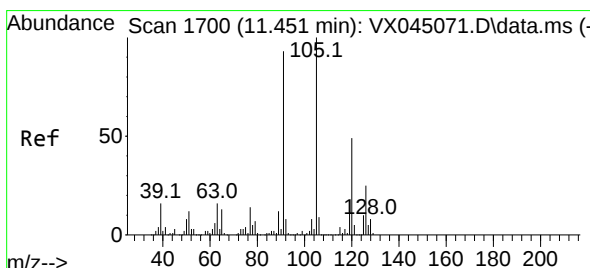
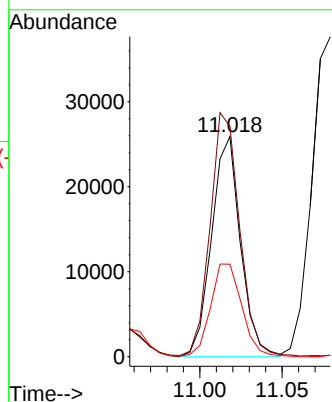
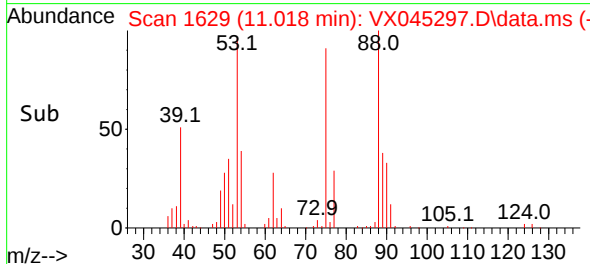
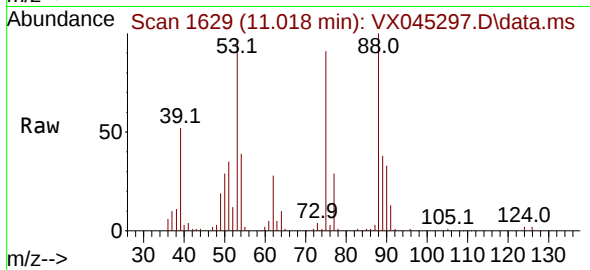
#81
trans-1,4-Dichloro-2-butene
Concen: 58.814 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 31610
Ion Ratio Lower Upper
75 100
53 113.9 88.5 132.7
89 45.4 36.2 54.4

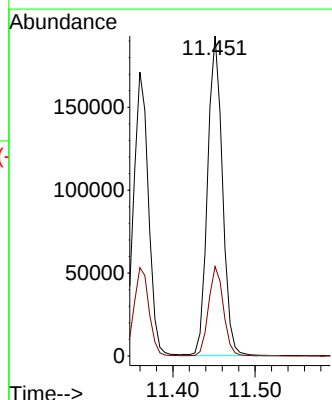
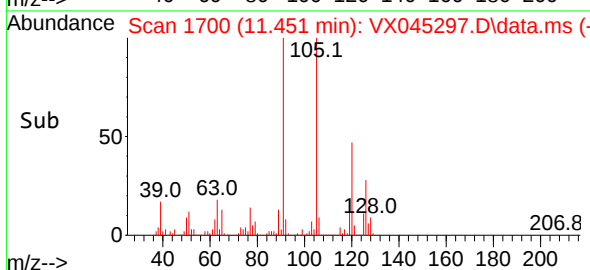
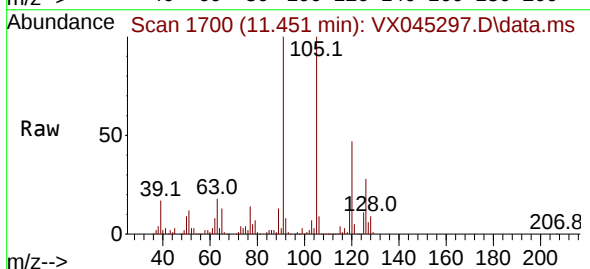
Manual Integrations
APPROVED

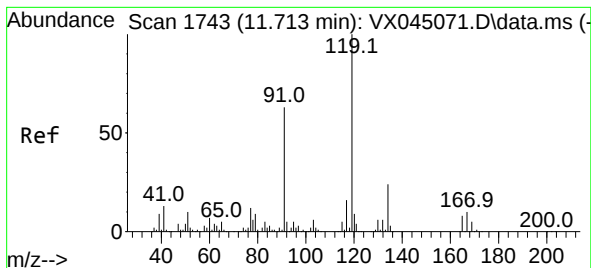
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#82
4-Chlorotoluene
Concen: 49.927 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

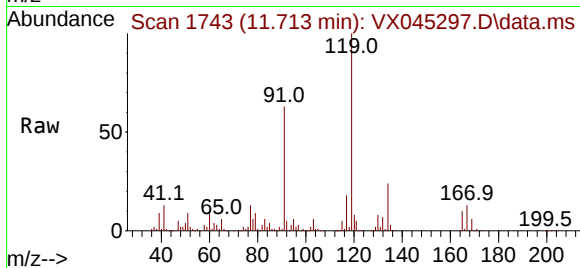
Tgt Ion: 91 Resp: 241505
Ion Ratio Lower Upper
91 100
126 28.2 14.1 42.4





#83
tert-Butylbenzene
Concen: 49.387 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

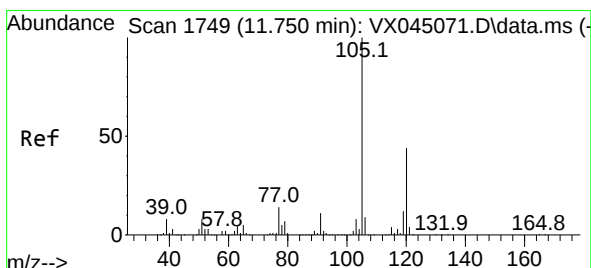
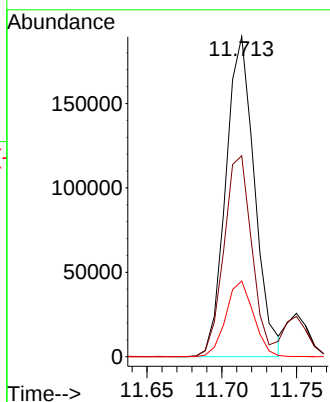
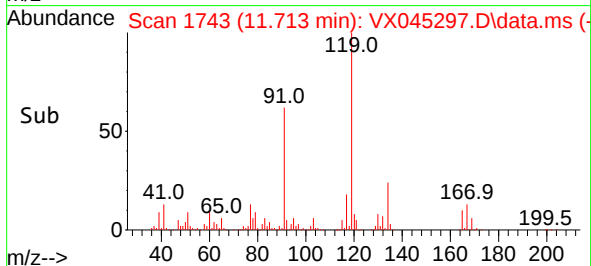
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



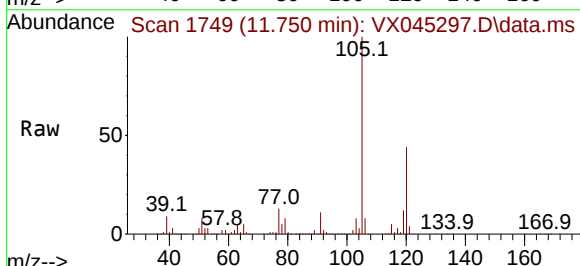
Tgt Ion:119 Resp: 253120
Ion Ratio Lower Upper
119 100
91 60.9 30.7 92.1
134 22.8 11.7 35.0

Manual Integrations
APPROVED

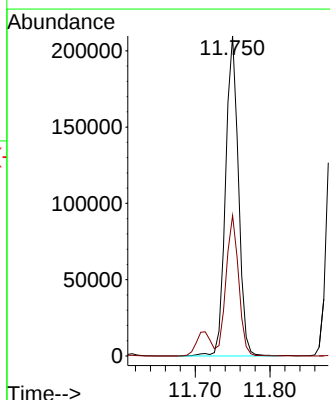
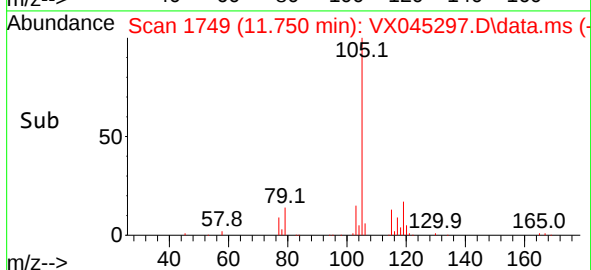
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

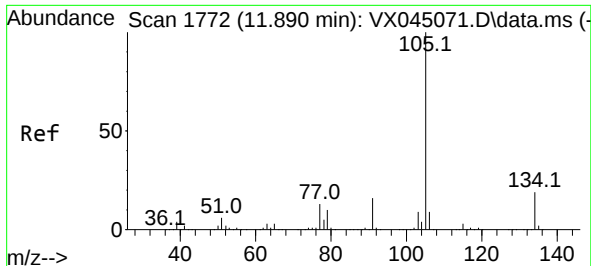


#84
1,2,4-Trimethylbenzene
Concen: 49.977 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12



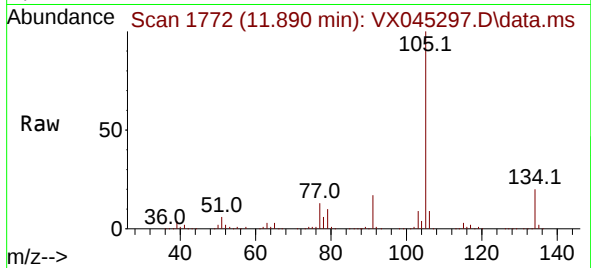
Tgt Ion:105 Resp: 250844
Ion Ratio Lower Upper
105 100
120 43.0 22.1 66.1





#85
 sec-Butylbenzene
 Concen: 51.605 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX045297.D
 Acq: 17 Mar 2025 11:12

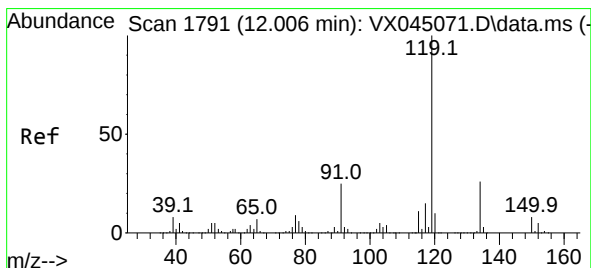
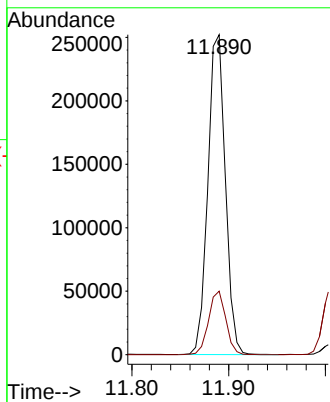
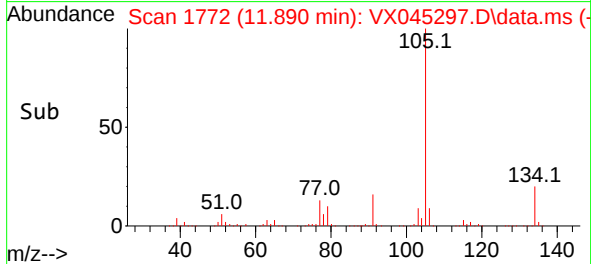
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 316830
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4

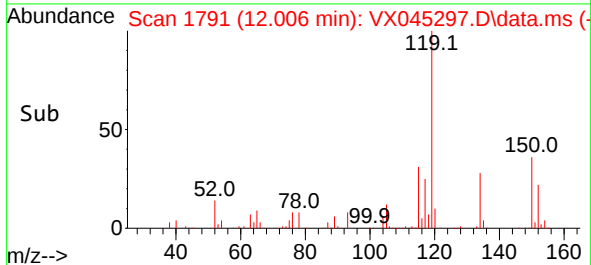
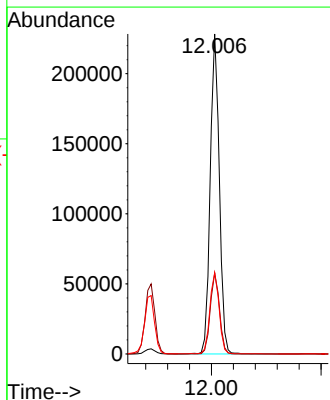
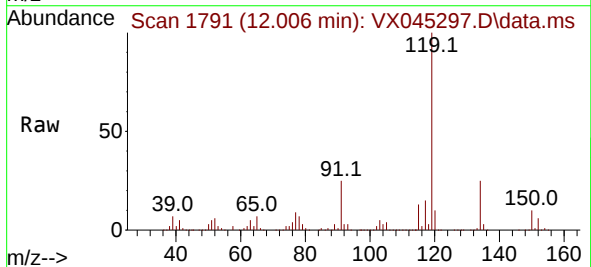
Manual Integrations
 APPROVED

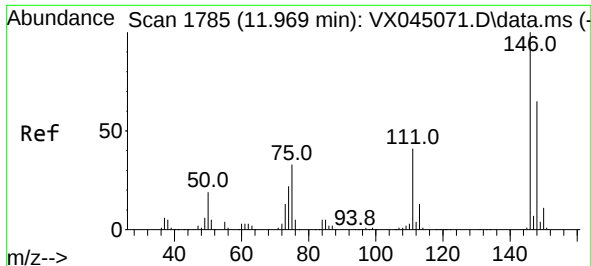
Reviewed By :John Carlone 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025



#86
 p-Isopropyltoluene
 Concen: 52.622 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045297.D
 Acq: 17 Mar 2025 11:12

Tgt Ion:119 Resp: 261086
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.6
 91 25.9 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 49.781 ug/l

RT: 11.963 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VX045297.D

Acq: 17 Mar 2025 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 129264

Ion Ratio Lower Upper

146 100

111 41.9 21.1 63.4

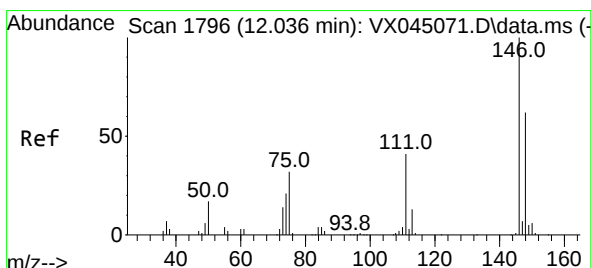
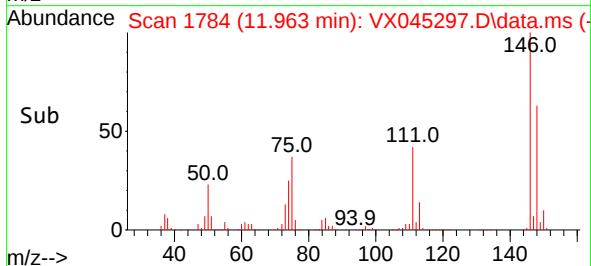
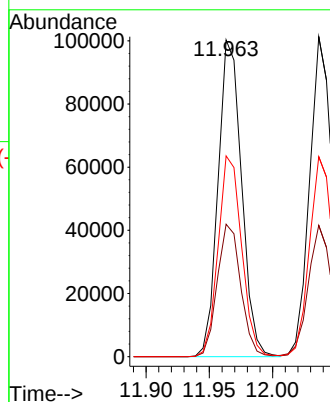
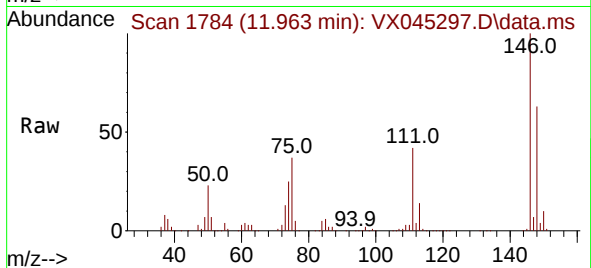
148 63.6 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#88

1,4-Dichlorobenzene

Concen: 48.496 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX045297.D

Acq: 17 Mar 2025 11:12

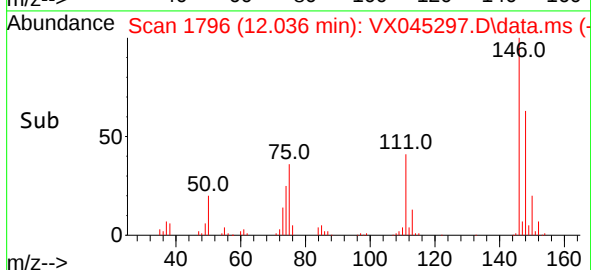
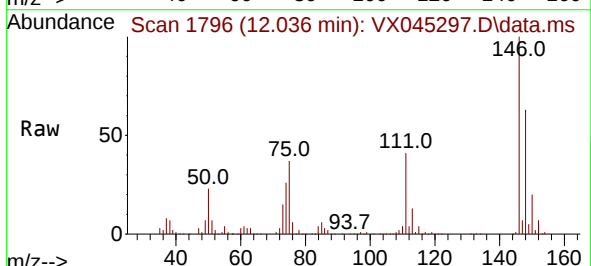
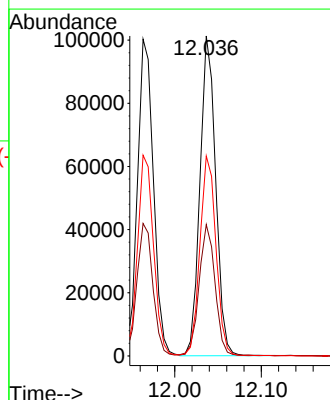
Tgt Ion:146 Resp: 127403

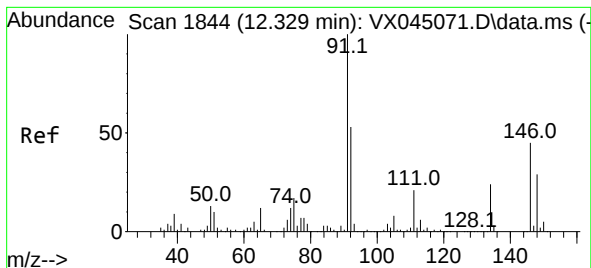
Ion Ratio Lower Upper

146 100

111 41.8 20.2 60.5

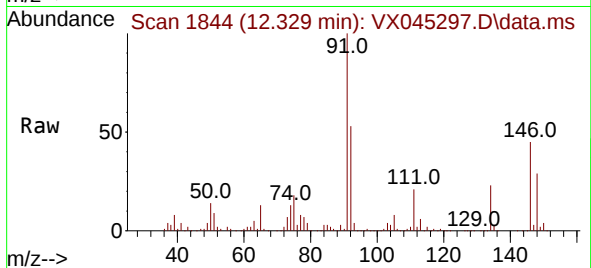
148 64.2 31.9 95.9





#89
n-Butylbenzene
Concen: 57.321 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

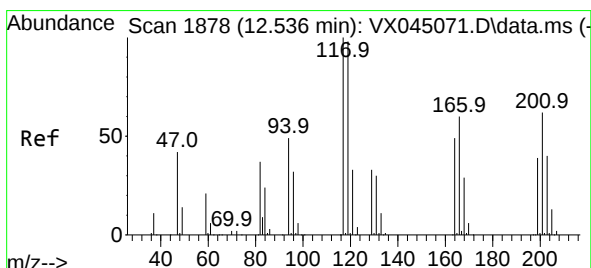
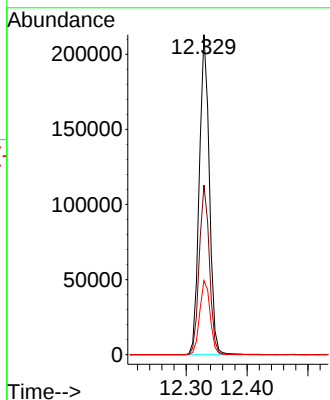
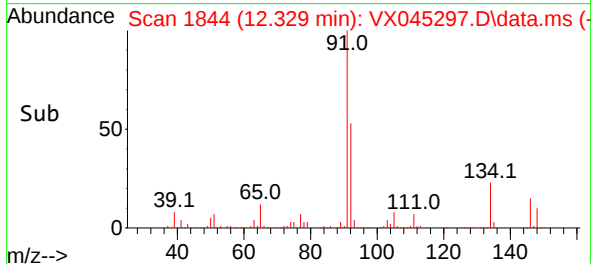
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 244949
Ion Ratio Lower Upper
91 100
92 53.6 26.7 80.0
134 24.0 12.2 36.6

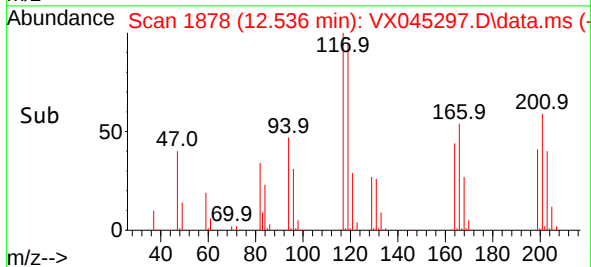
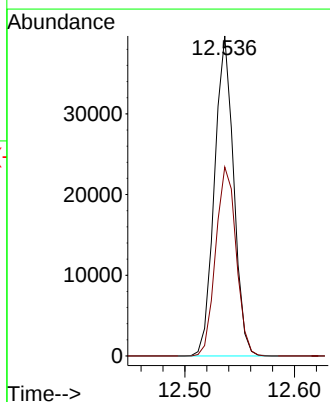
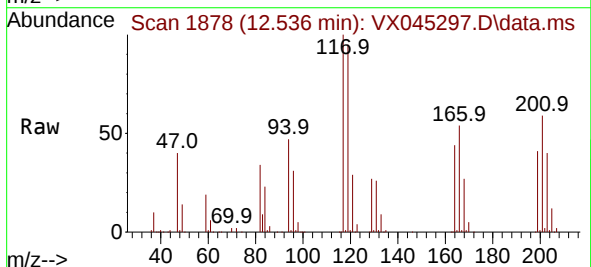
Manual Integrations
APPROVED

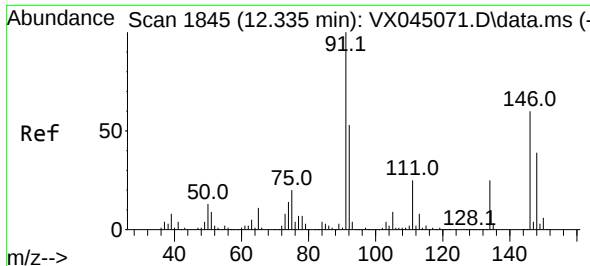
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#90
Hexachloroethane
Concen: 53.737 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

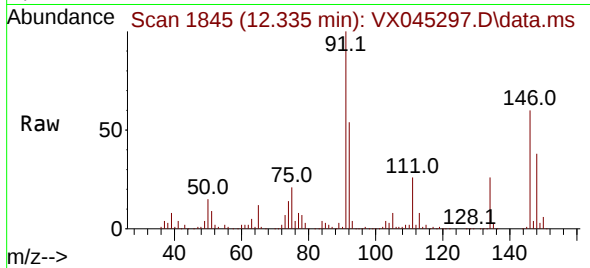
Tgt Ion:117 Resp: 48225
Ion Ratio Lower Upper
117 100
201 63.1 31.9 95.9





#91
1,2-Dichlorobenzene
Concen: 48.989 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

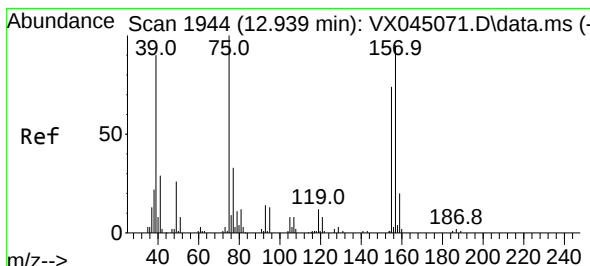
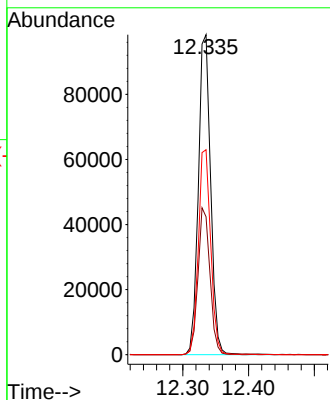
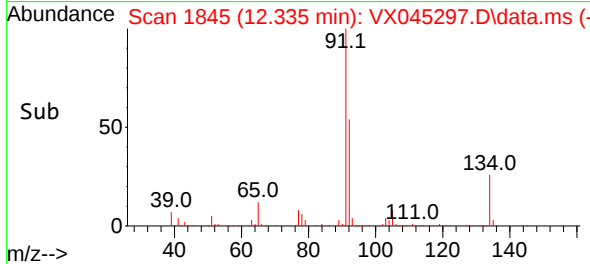
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



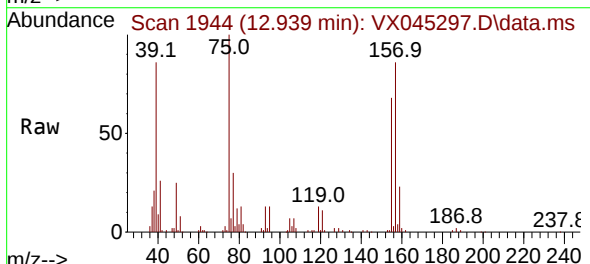
Tgt Ion:146 Resp: 12760
Ion Ratio Lower Upper
146 100
111 44.8 21.6 65.0
148 64.3 31.9 95.9

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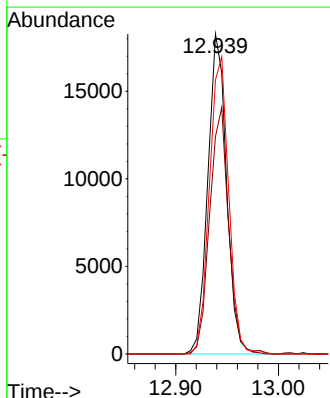
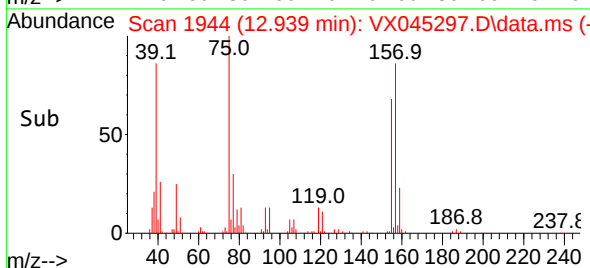
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

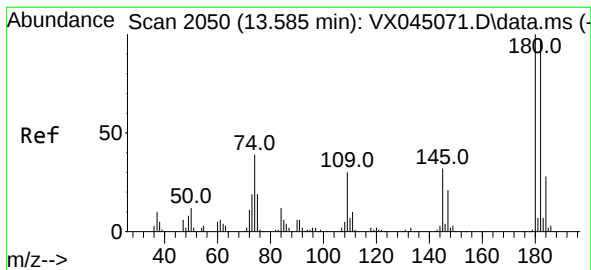


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.734 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12



Tgt Ion: 75 Resp: 23258
Ion Ratio Lower Upper
75 100
155 77.2 39.6 118.7
157 95.3 51.1 153.4





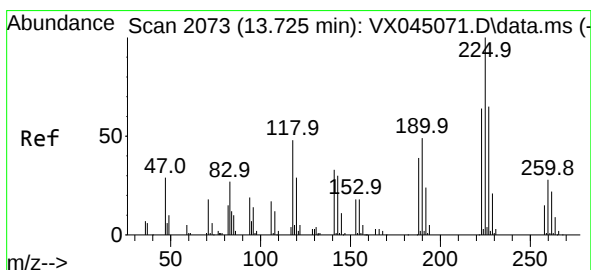
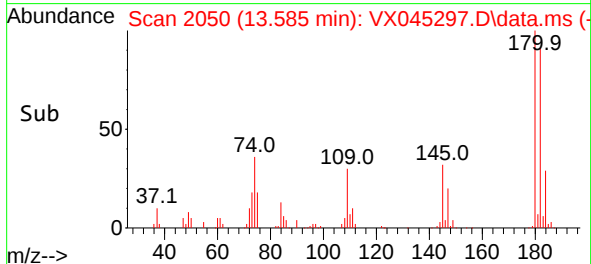
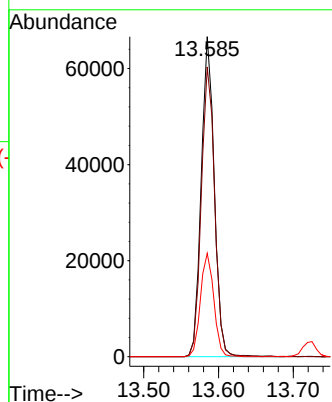
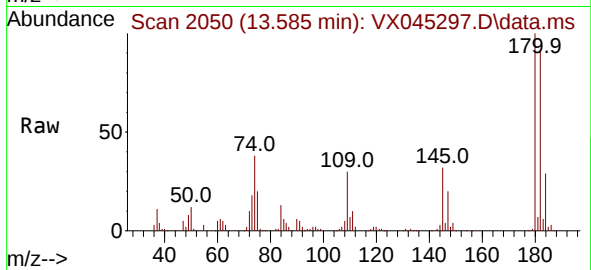
#93
1,2,4-Trichlorobenzene
Concen: 54.390 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 80672
Ion Ratio Lower Upper
180 100
182 92.6 47.3 141.9
145 33.0 16.3 48.9

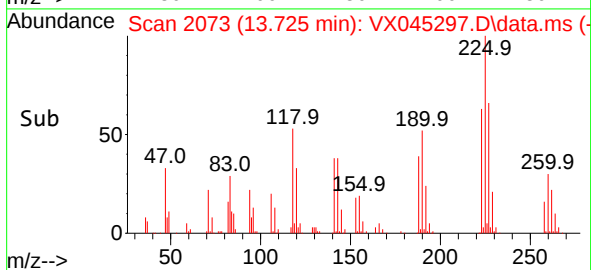
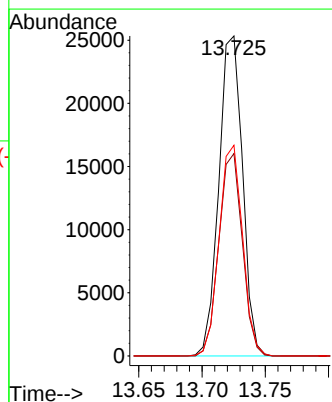
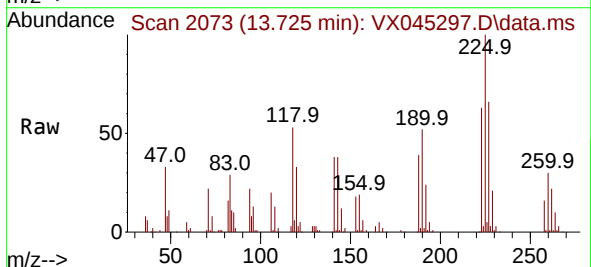
Manual Integrations
APPROVED

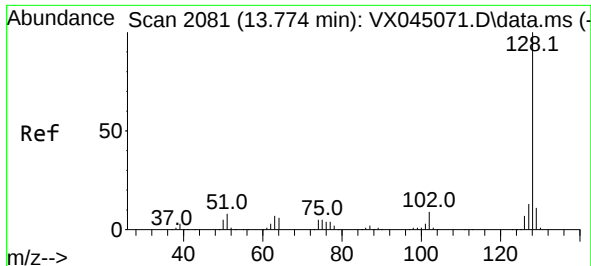
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#94
Hexachlorobutadiene
Concen: 54.186 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

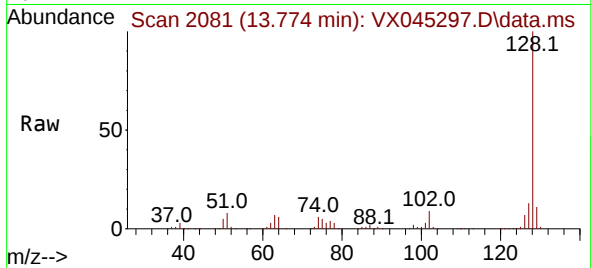
Tgt Ion:225 Resp: 32950
Ion Ratio Lower Upper
225 100
223 62.6 31.9 95.7
227 65.4 31.4 94.0





#95
Naphthalene
Concen: 50.740 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12

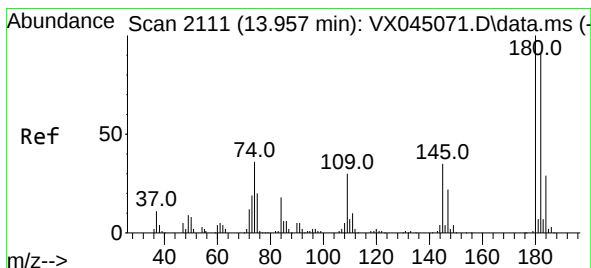
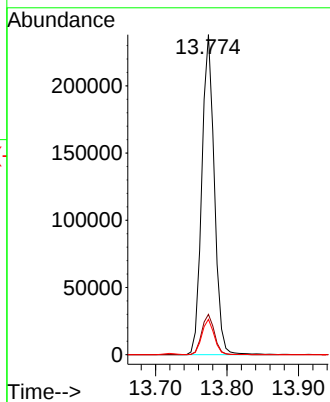
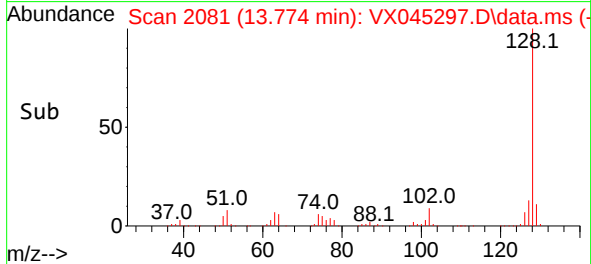
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



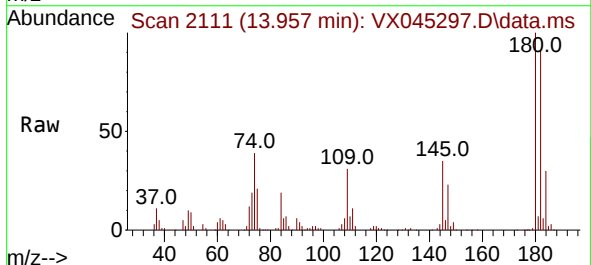
Tgt Ion:128 Resp: 289140
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#96
1,2,3-Trichlorobenzene
Concen: 52.116 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX045297.D
Acq: 17 Mar 2025 11:12



Tgt Ion:180 Resp: 81546
Ion Ratio Lower Upper
180 100
182 93.5 47.5 142.6
145 34.6 17.0 50.9

