

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041825\
 Data File : VX045841.D
 Acq On : 18 Apr 2025 08:34
 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 04/21/2025
 Supervised By : Mahesh Dadoda 04/21/2025

Quant Time: Apr 18 23:31:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	98362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	171234	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	148047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	70757	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	88908	49.427	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.860%		
35) Dibromofluoromethane	5.373	113	61452	50.582	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.160%		
50) Toluene-d8	8.641	98	206277	48.644	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.280%		
62) 4-Bromofluorobenzene	11.079	95	81179	52.557	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	105.120%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	72522	49.301	ug/l	99
3) Chloromethane	1.300	50	67568	44.711	ug/l	100
4) Vinyl Chloride	1.374	62	63427	45.862	ug/l	99
5) Bromomethane	1.593	94	27639	42.148	ug/l	99
6) Chloroethane	1.666	64	36361	49.555	ug/l	99
7) Trichlorofluoromethane	1.874	101	103048	49.967	ug/l	100
8) Diethyl Ether	2.130	74	32852	47.448	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	63288	52.370	ug/l	97
10) Methyl Iodide	2.440	142	72597	48.162	ug/l	97
11) Tert butyl alcohol	2.977	59	57238	236.773	ug/l	100
12) 1,1-Dichloroethene	2.306	96	55115	46.675	ug/l	98
13) Acrolein	2.233	56	37366	112.245	ug/l	100
14) Allyl chloride	2.654	41	111142	49.606	ug/l	99
15) Acrylonitrile	3.062	53	182734	239.465	ug/l	99
16) Acetone	2.380	43	200814	271.873	ug/l	99
17) Carbon Disulfide	2.501	76	116474	39.937	ug/l	98
18) Methyl Acetate	2.703	43	96635	56.824	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	207217	50.164	ug/l	99
20) Methylene Chloride	2.782	84	64943	46.965	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	56379	46.734	ug/l	99
22) Diisopropyl ether	3.751	45	218505	49.509	ug/l #	86
23) Vinyl Acetate	3.715	43	927063	243.120	ug/l	100
24) 1,1-Dichloroethane	3.599	63	119917	48.044	ug/l	100
25) 2-Butanone	4.550	43	269798	249.534	ug/l	99
26) 2,2-Dichloropropane	4.471	77	94834	58.807	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	70669	48.082	ug/l	98
28) Bromochloromethane	4.891	49	59161	49.049	ug/l	100
29) Tetrahydrofuran	4.995	42	164138	234.155	ug/l	98
30) Chloroform	5.086	83	125389	48.822	ug/l	99
31) Cyclohexane	5.458	56	100425	45.512	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	107855	49.630	ug/l	99
36) 1,1-Dichloropropene	5.678	75	79567	48.506	ug/l	99
37) Ethyl Acetate	4.708	43	95411	46.155	ug/l	99
38) Carbon Tetrachloride	5.666	117	91979	51.882	ug/l	99
39) Methylcyclohexane	7.373	83	100813	50.137	ug/l	100
40) Benzene	6.025	78	236978	47.302	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	56810	52.085	ug/l	98
42) 1,2-Dichloroethane	6.074	62	102928	49.743	ug/l	100
43) Isopropyl Acetate	6.336	43	157423	50.245	ug/l	99
44) Trichloroethene	7.116	130	57744	48.493	ug/l	93
45) 1,2-Dichloropropane	7.421	63	61237	48.990	ug/l	100
46) Dibromomethane	7.574	93	47170	49.158	ug/l	97
47) Bromodichloromethane	7.818	83	97409	50.832	ug/l	95
48) Methyl methacrylate	7.690	41	82165	50.792	ug/l	99
49) 1,4-Dioxane	7.659	88	28989	990.460	ug/l	99
51) 4-Methyl-2-Pentanone	8.567	43	524852	252.697	ug/l	100
52) Toluene	8.714	92	145834	48.107	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	87229	47.457	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	96735	53.718	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	59985	49.656	ug/l	97
56) Ethyl methacrylate	9.116	69	98621	52.752	ug/l	99
57) 1,3-Dichloropropane	9.305	76	104321	49.593	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	250478	264.850	ug/l	99
59) 2-Hexanone	9.427	43	391083	254.268	ug/l	100
60) Dibromochloromethane	9.518	129	69954	53.118	ug/l	98
61) 1,2-Dibromoethane	9.604	107	61296	50.125	ug/l	99
64) Tetrachloroethene	9.269	164	50939	48.734	ug/l	99
65) Chlorobenzene	10.073	112	159456	50.405	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	56456	51.402	ug/l	98
67) Ethyl Benzene	10.189	91	290594	51.288	ug/l	99
68) m/p-Xylenes	10.299	106	209515	101.670	ug/l	98
69) o-Xylene	10.640	106	105598	52.018	ug/l	99
70) Styrene	10.652	104	176455	52.665	ug/l	98
71) Bromoform	10.799	173	44991	54.862	ug/l #	98
73) Isopropylbenzene	10.957	105	283952	50.100	ug/l	100
74) N-amyl acetate	10.841	43	135632	50.028	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	93898	47.161	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	80571m	46.683	ug/l	
77) Bromobenzene	11.195	156	63874	48.776	ug/l	99
78) n-propylbenzene	11.299	91	328940	50.387	ug/l	100
79) 2-Chlorotoluene	11.360	91	204810	49.074	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	236307	50.421	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	25682	50.501	ug/l	99
82) 4-Chlorotoluene	11.451	91	235494	50.609	ug/l	99
83) tert-Butylbenzene	11.713	119	237398	51.163	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	240877	51.207	ug/l	99
85) sec-Butylbenzene	11.890	105	296454	52.018	ug/l	99
86) p-Isopropyltoluene	12.006	119	245021	52.149	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	118630	49.766	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	118336	48.967	ug/l	99
89) n-Butylbenzene	12.329	91	225987	55.466	ug/l	100
90) Hexachloroethane	12.536	117	44236	54.783	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	120276	50.750	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21941	52.694	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	71610	54.283	ug/l	98
94) Hexachlorobutadiene	13.725	225	30681	53.972	ug/l	98
95) Naphthalene	13.774	128	254423	51.825	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	72578	52.541	ug/l	100

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

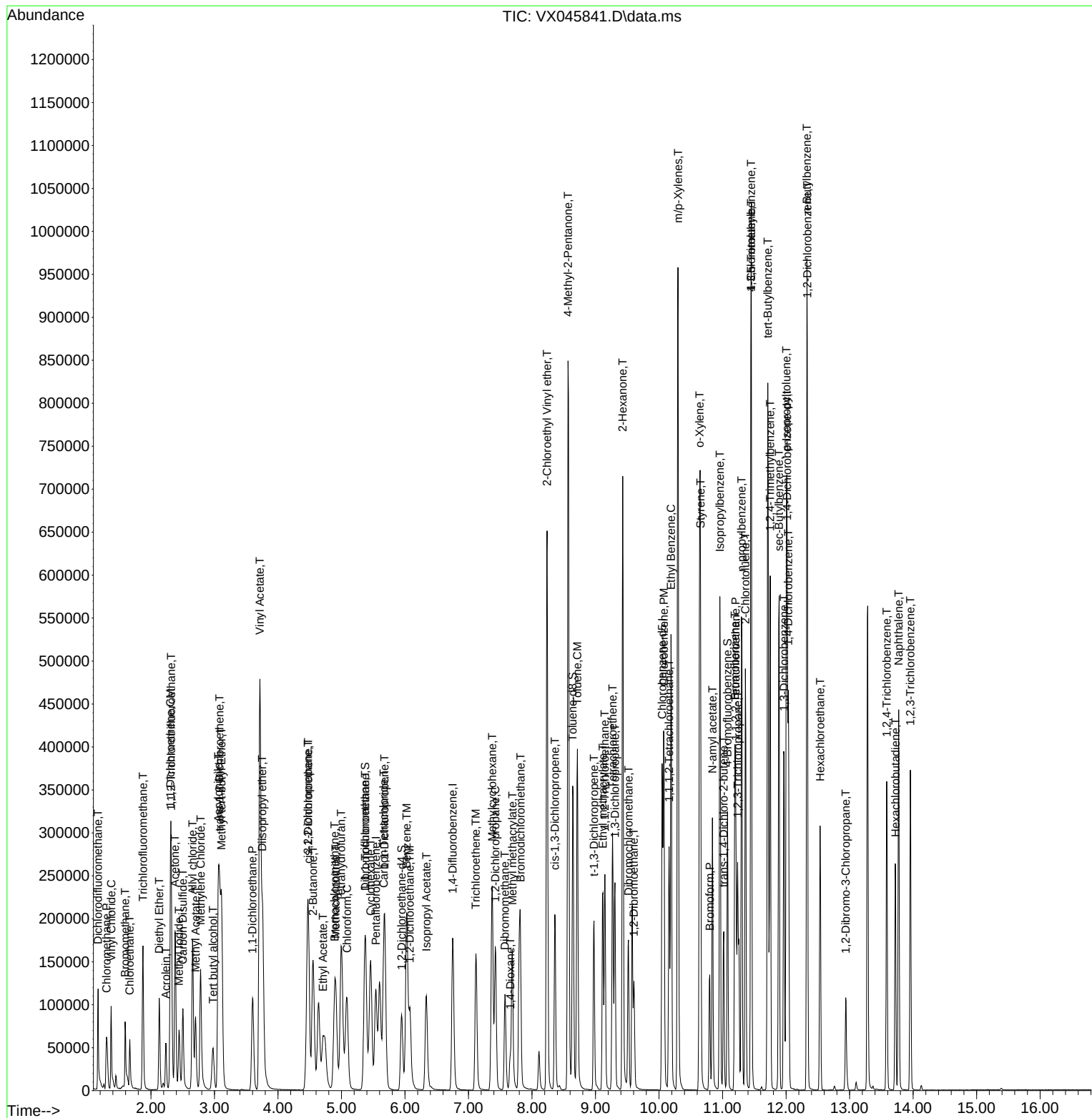
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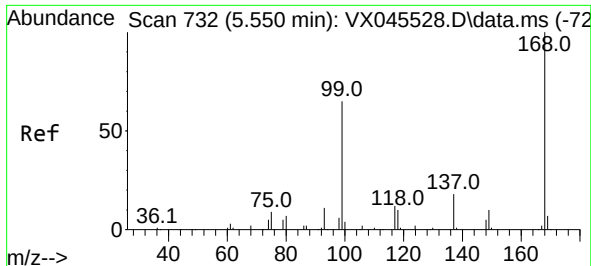
Instrument :
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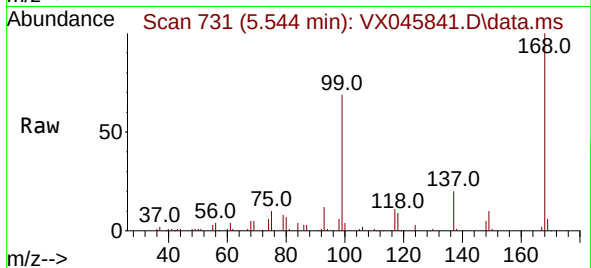
Reviewed By : John Carlone 04/21/2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
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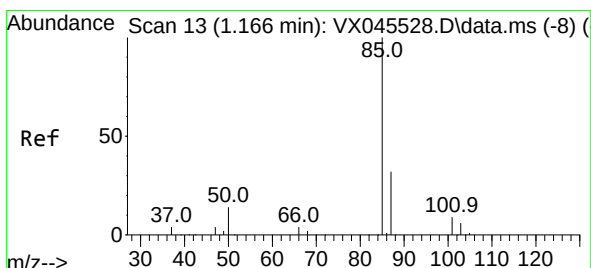
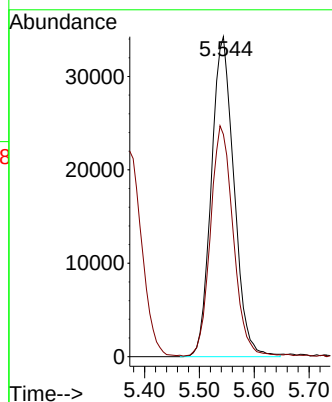
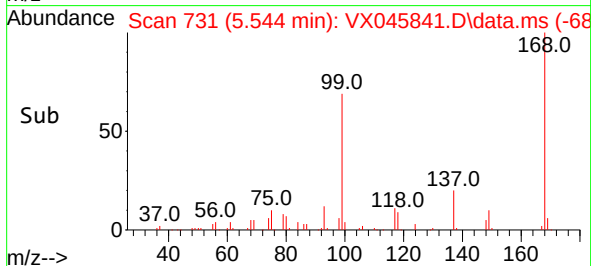
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 98362
Ion Ratio Lower Upper
168 100
99 69.0 52.3 78.5

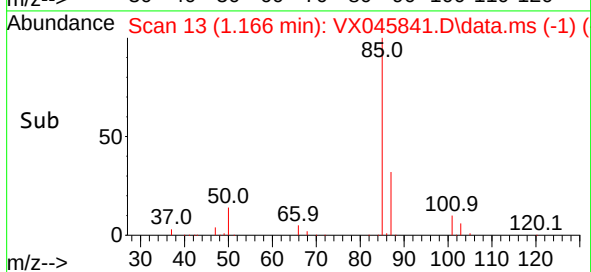
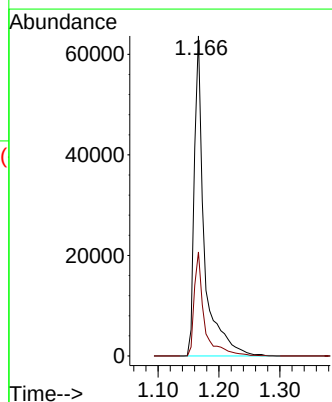
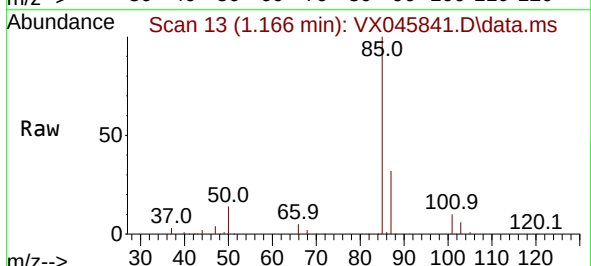
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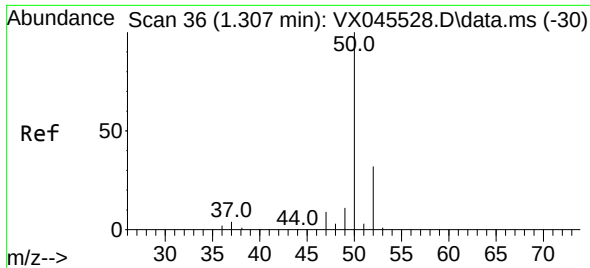
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#2
Dichlorodifluoromethane
Concen: 49.301 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

Tgt Ion: 85 Resp: 72522
Ion Ratio Lower Upper
85 100
87 32.5 16.1 48.2





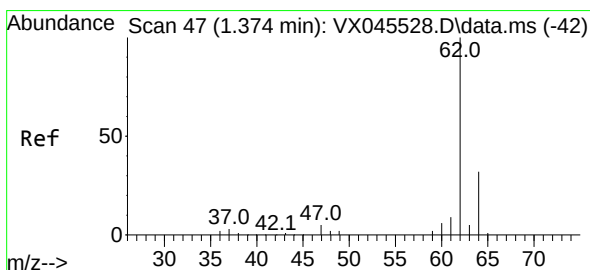
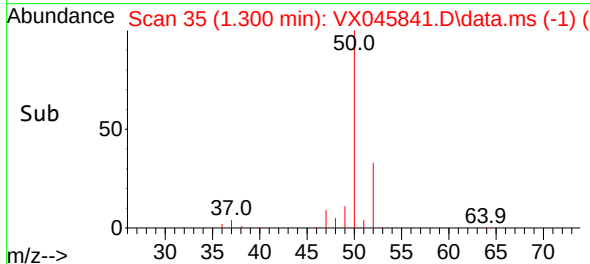
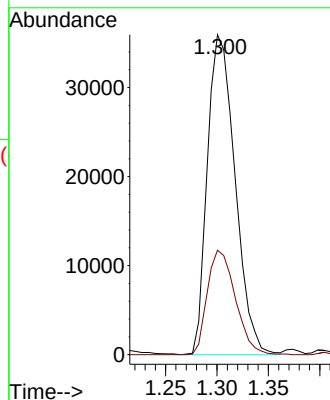
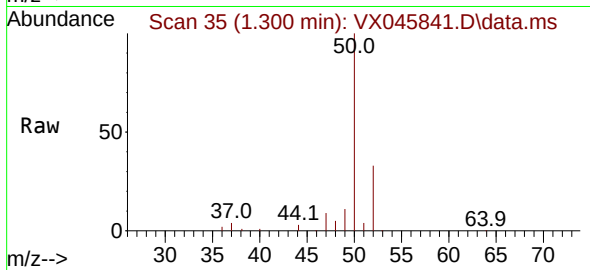
#3
Chloromethane
Concen: 44.711 ug/l
RT: 1.300 min Scan# 36
Delta R.T. -0.006 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

Instrument :
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Tgt Ion: 50 Resp: 6756
Ion Ratio Lower Upper
50 100
52 32.7 25.9 38.9

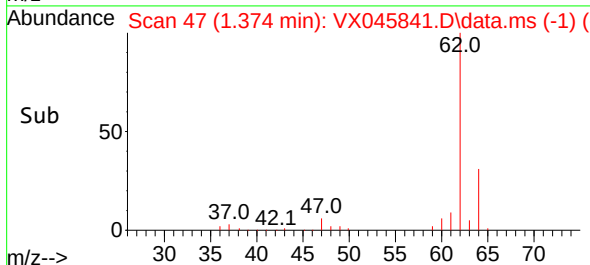
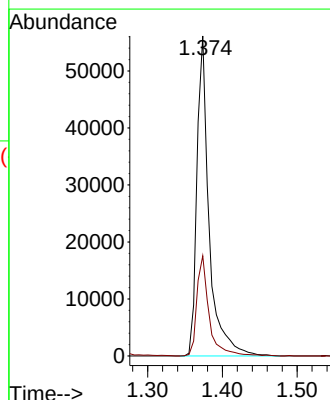
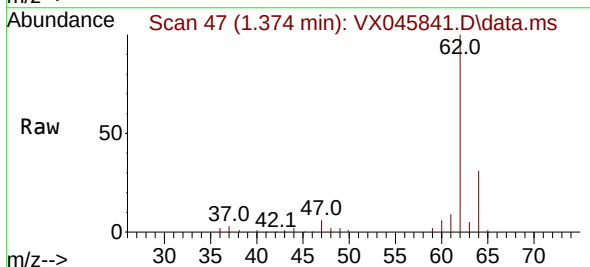
Manual Integrations
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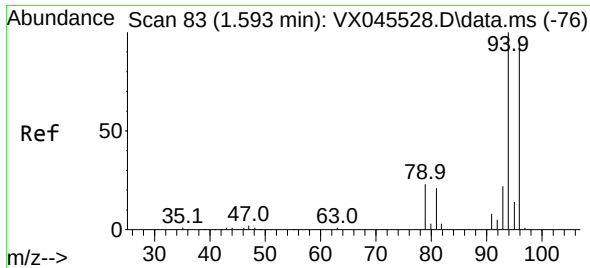
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#4
Vinyl Chloride
Concen: 45.862 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

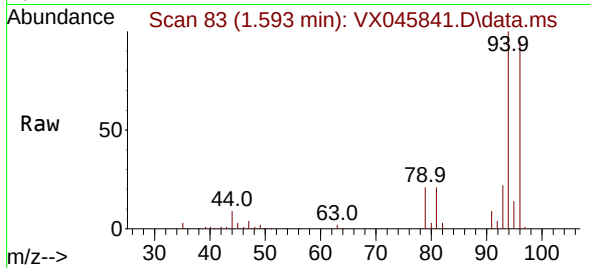
Tgt Ion: 62 Resp: 63427
Ion Ratio Lower Upper
62 100
64 31.3 25.5 38.3





#5
Bromomethane
Concen: 42.148 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

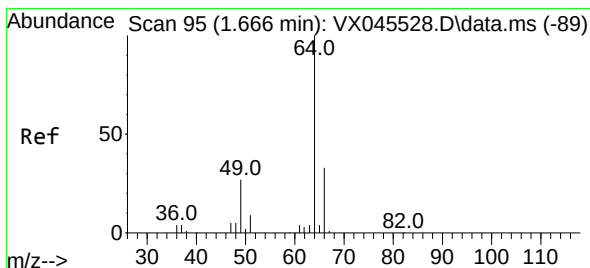
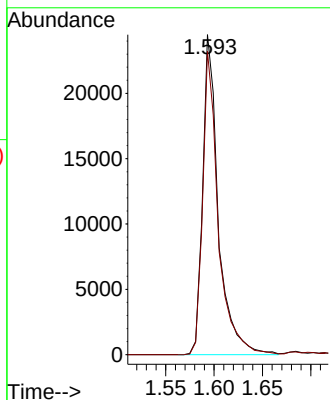
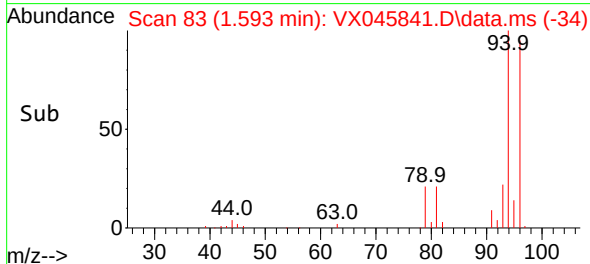
Instrument :
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Tgt Ion: 94 Resp: 27639
Ion Ratio Lower Upper
94 100
96 94.8 74.8 112.2

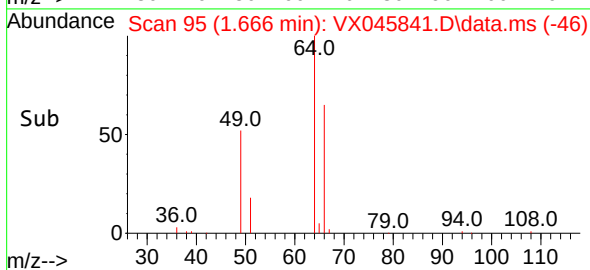
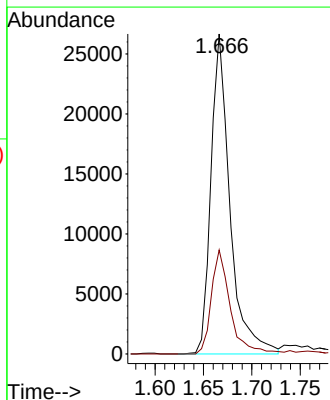
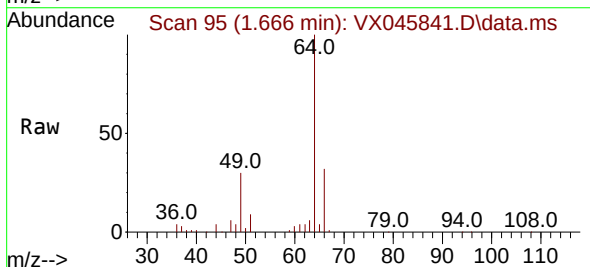
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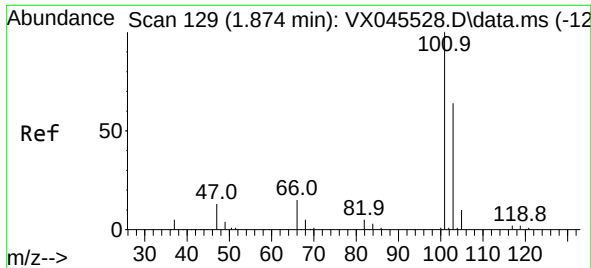
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#6
Chloroethane
Concen: 49.555 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX045841.D
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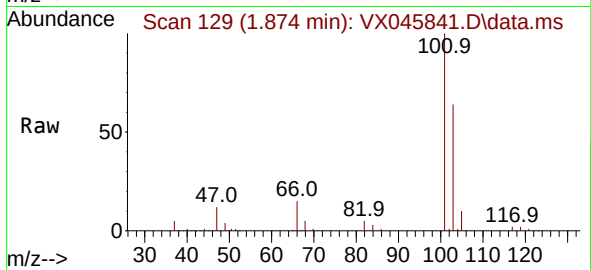
Tgt Ion: 64 Resp: 36361
Ion Ratio Lower Upper
64 100
66 32.5 26.3 39.5





#7
Trichlorofluoromethane
Concen: 49.967 ug/l
RT: 1.874 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045841.D
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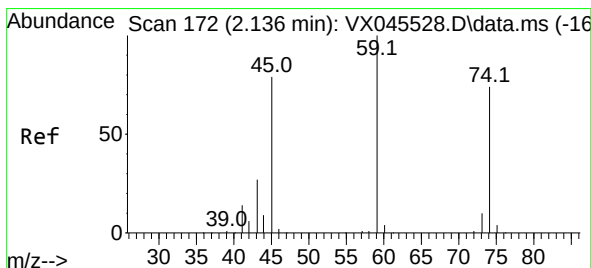
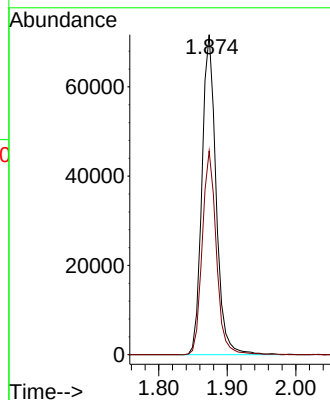
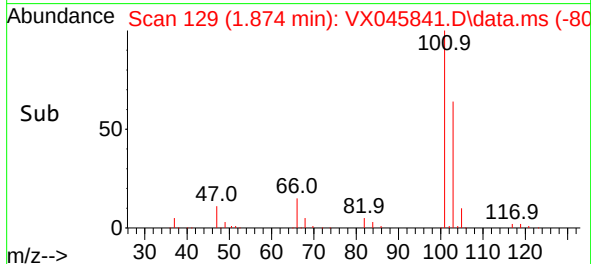
Instrument :
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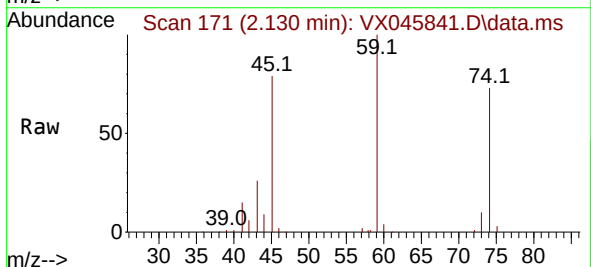
Tgt Ion:101 Resp: 10304
Ion Ratio Lower Upper
101 100
103 63.7 51.1 76.7

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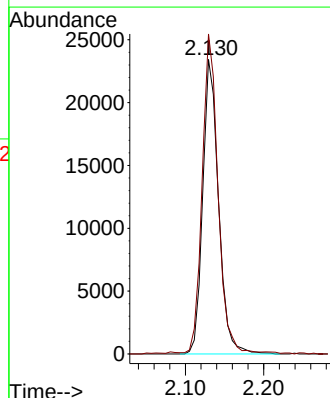
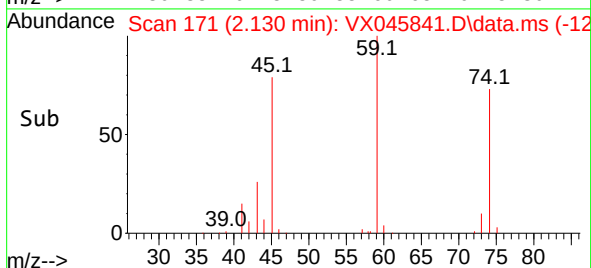
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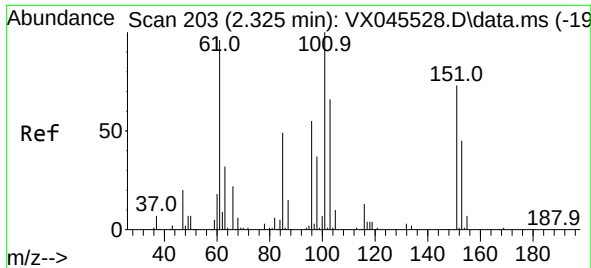


#8
Diethyl Ether
Concen: 47.448 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045841.D
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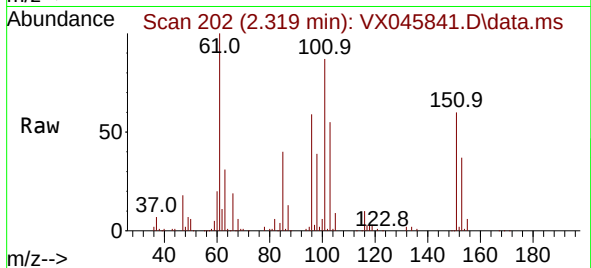
Tgt Ion: 74 Resp: 32852
Ion Ratio Lower Upper
74 100
45 107.2 53.0 159.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.370 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

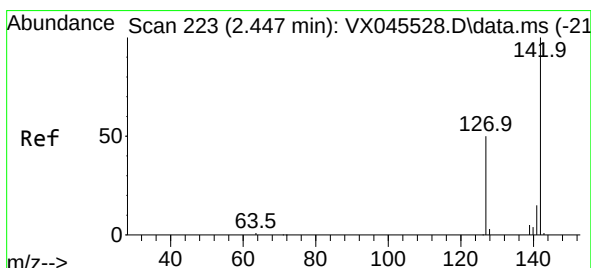
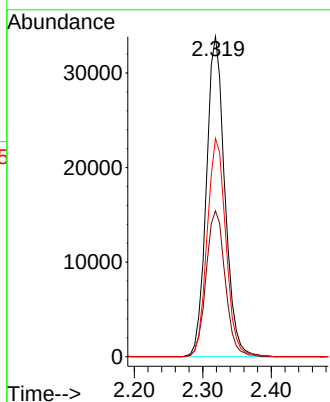
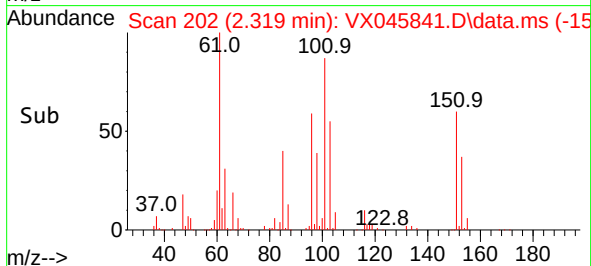
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 6328
Ion Ratio Lower Upper
101 100
85 47.2 38.9 58.3
151 69.2 57.5 86.3

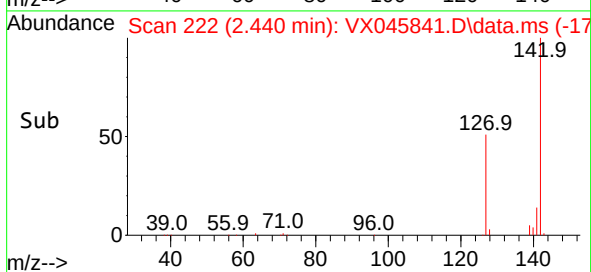
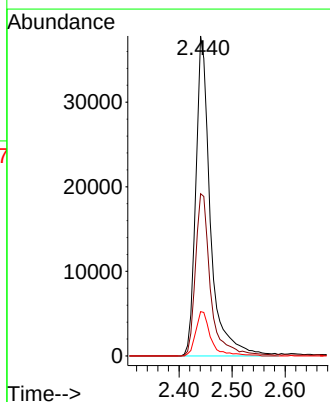
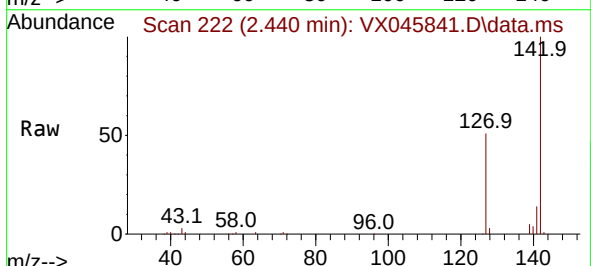
Manual Integrations
APPROVED

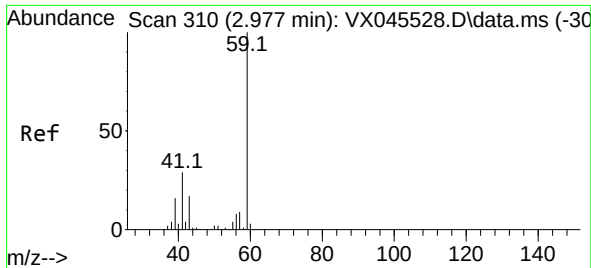
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#10
Methyl Iodide
Concen: 48.162 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

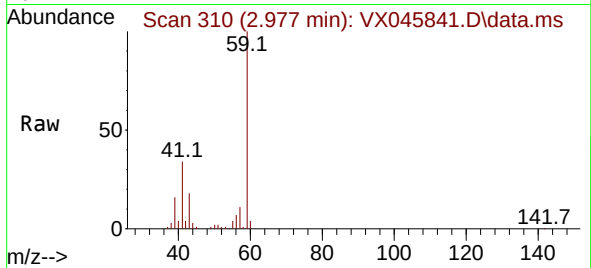
Tgt Ion:142 Resp: 72597
Ion Ratio Lower Upper
142 100
127 52.5 40.2 60.4
141 14.4 11.7 17.5





#11
Tert butyl alcohol
Concen: 236.773 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.000 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

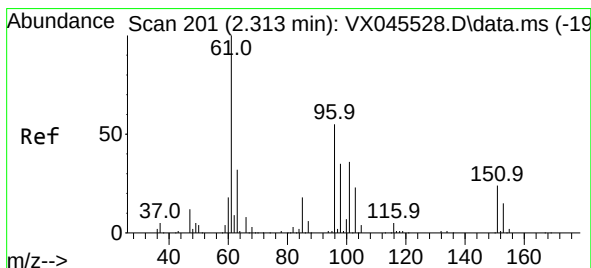
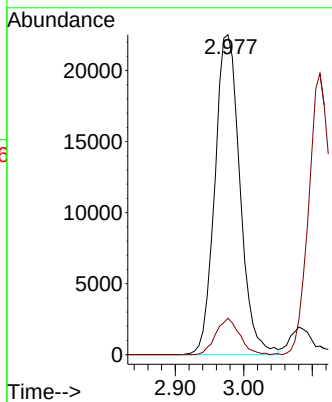
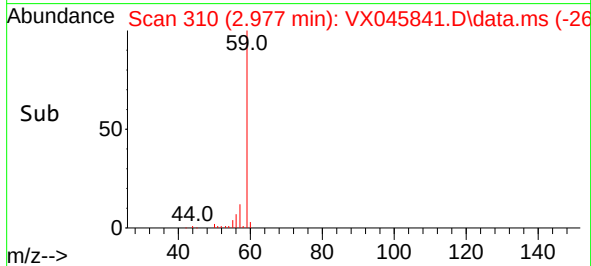
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



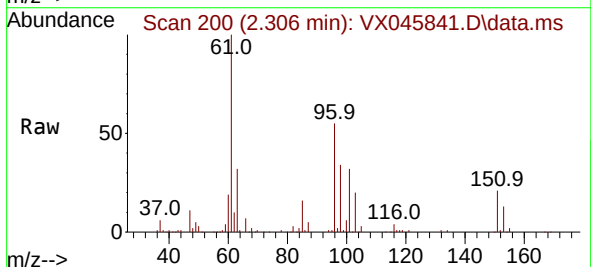
Tgt Ion: 59 Resp: 57238
Ion Ratio Lower Upper
59 100
57 10.8 8.6 12.8

Manual Integrations
APPROVED

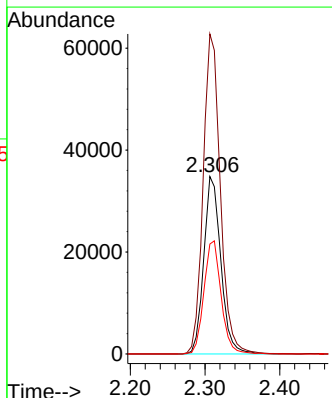
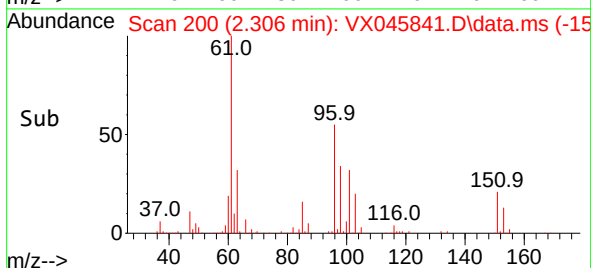
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

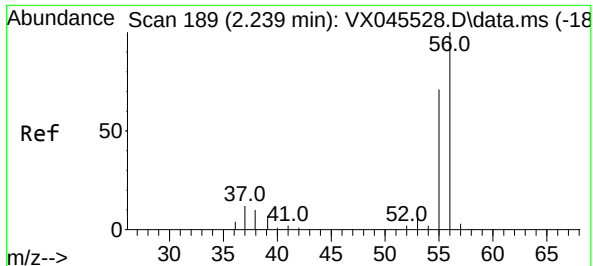


#12
1,1-Dichloroethene
Concen: 46.675 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34



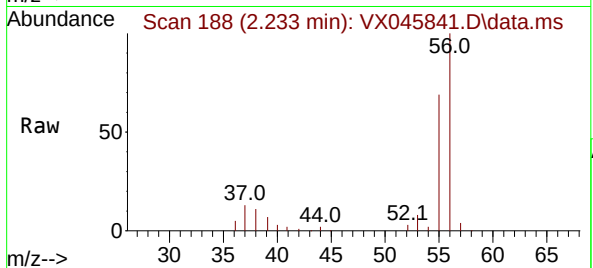
Tgt Ion: 96 Resp: 55115
Ion Ratio Lower Upper
96 100
61 180.4 145.7 218.5
98 61.9 51.6 77.4





#13
Acrolein
Concen: 112.245 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

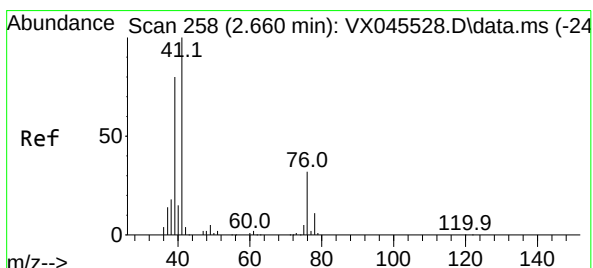
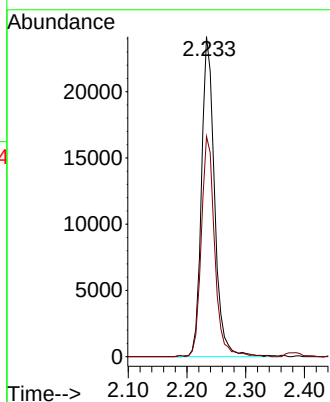
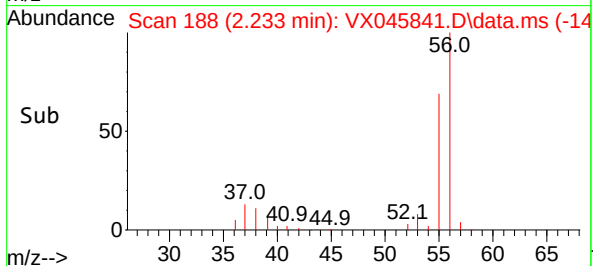
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 37360
Ion Ratio Lower Upper
56 100
55 70.5 56.2 84.2

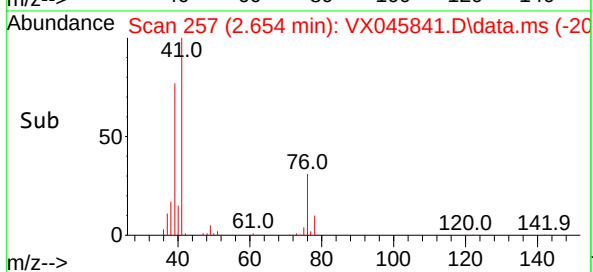
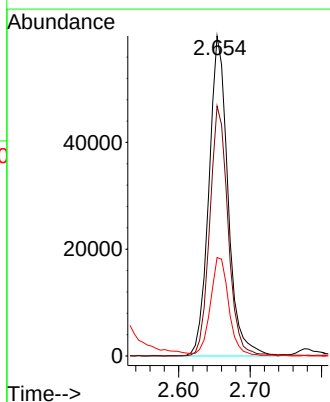
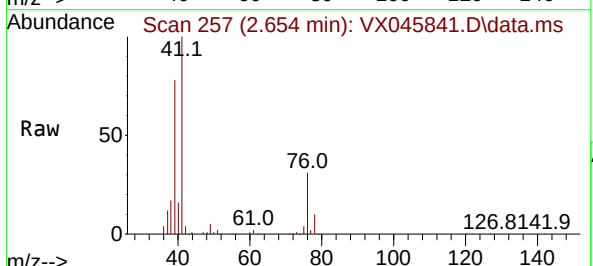
Manual Integrations
APPROVED

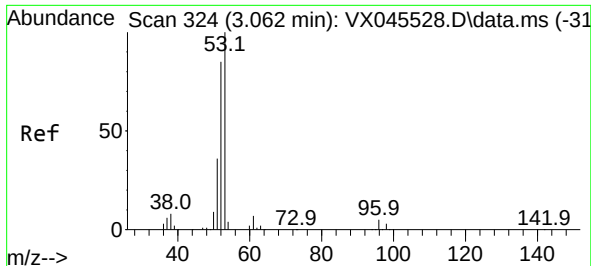
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#14
Allyl chloride
Concen: 49.606 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

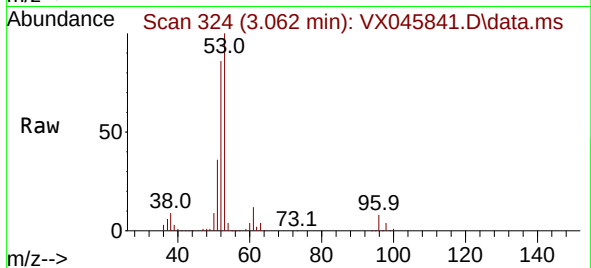
Tgt Ion: 41 Resp: 111142
Ion Ratio Lower Upper
41 100
39 75.4 60.2 90.2
76 29.9 24.6 36.8





#15
Acrylonitrile
Concen: 239.465 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

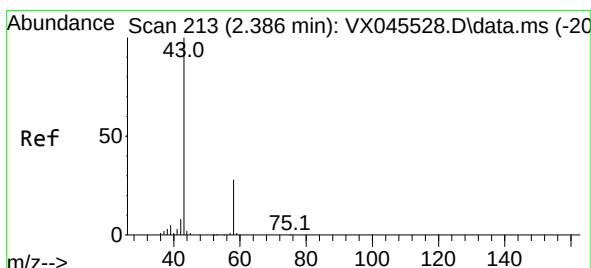
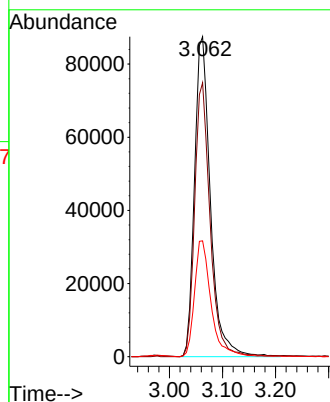
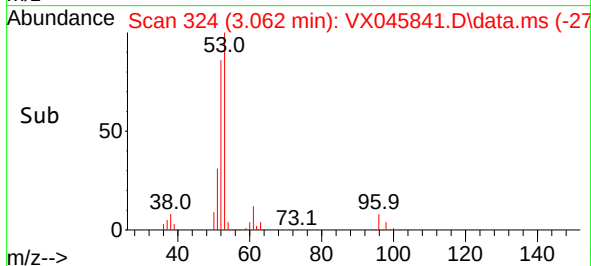
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 182734
Ion Ratio Lower Upper
53 100
52 82.8 67.4 101.2
51 37.6 29.9 44.9

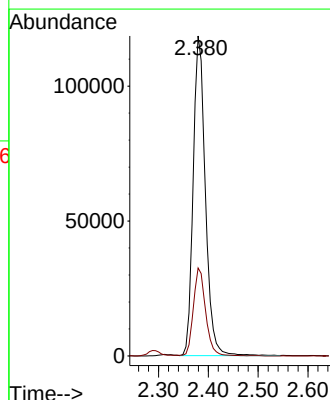
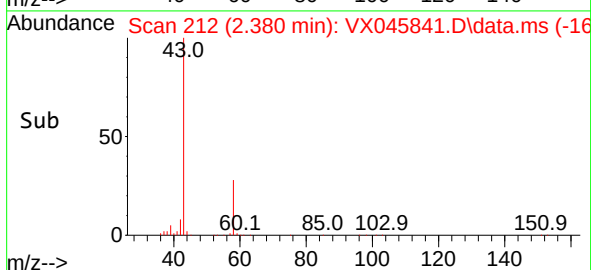
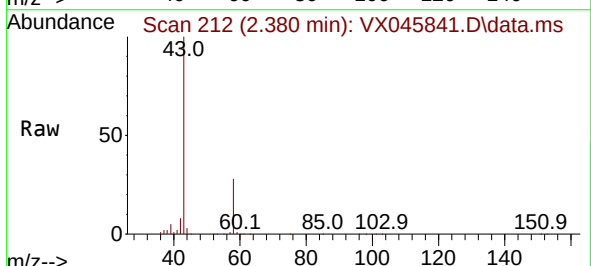
Manual Integrations
APPROVED

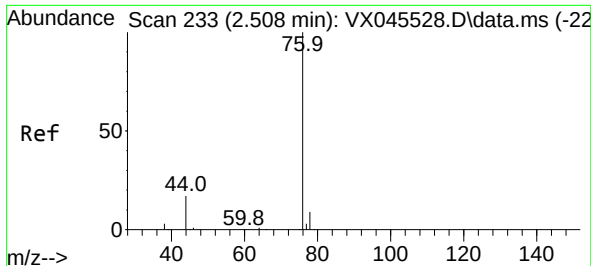
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#16
Acetone
Concen: 271.873 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

Tgt Ion: 43 Resp: 200814
Ion Ratio Lower Upper
43 100
58 27.6 22.3 33.5





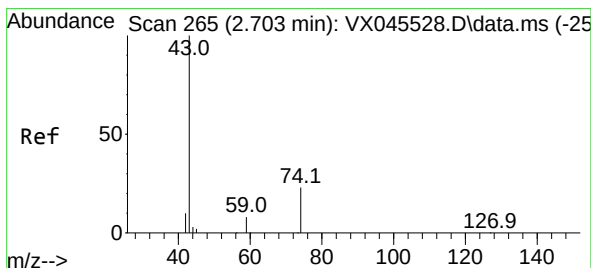
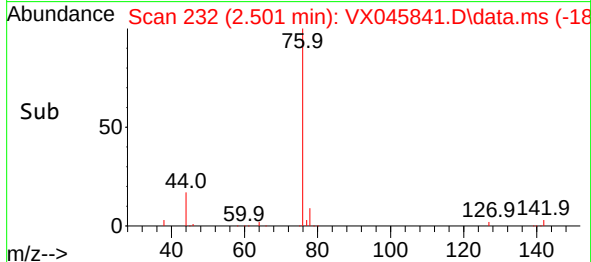
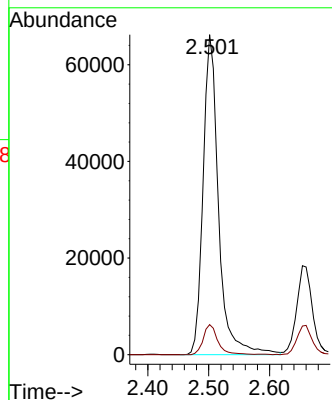
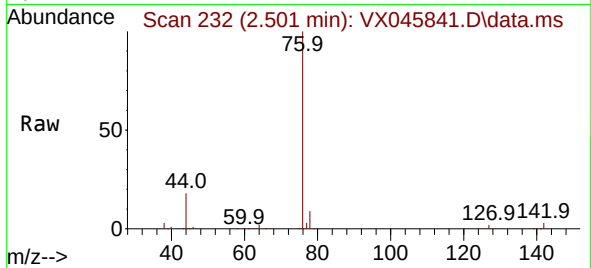
#17
Carbon Disulfide
Concen: 39.937 ug/l
RT: 2.501 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 116474
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6

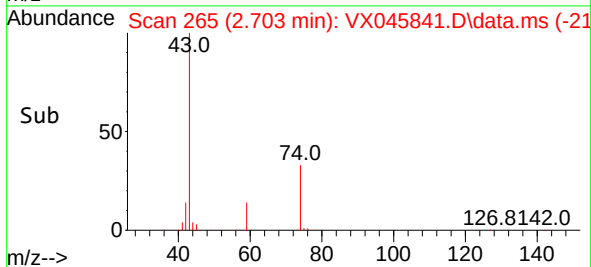
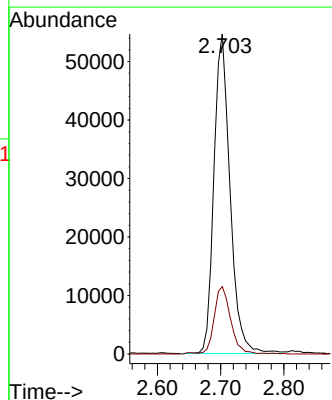
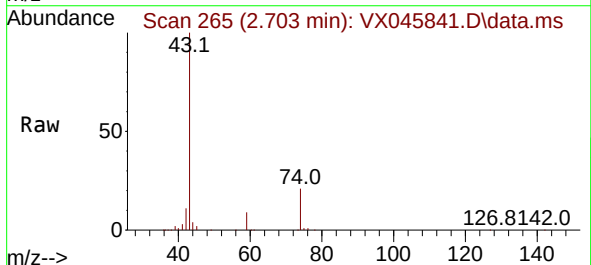
Manual Integrations
APPROVED

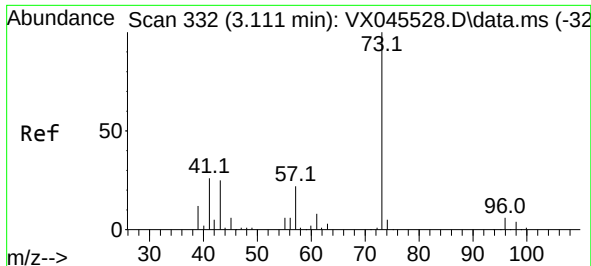
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#18
Methyl Acetate
Concen: 56.824 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

Tgt Ion: 43 Resp: 96635
Ion Ratio Lower Upper
43 100
74 20.8 17.5 26.3





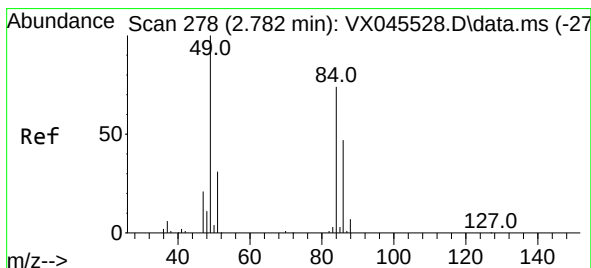
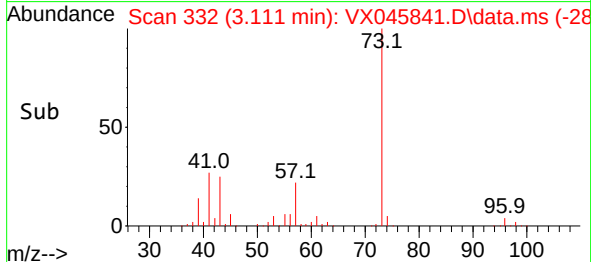
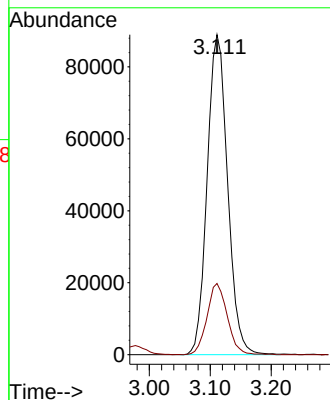
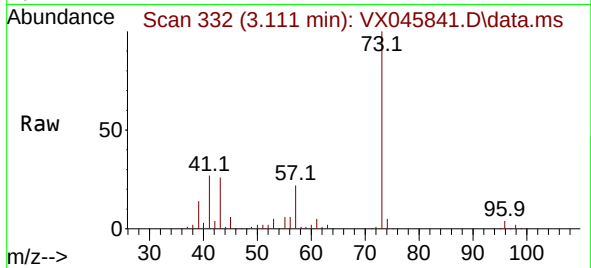
#19
Methyl tert-butyl Ether
Concen: 50.164 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 20721
Ion Ratio Lower Upper
73 100
57 22.3 17.6 26.4

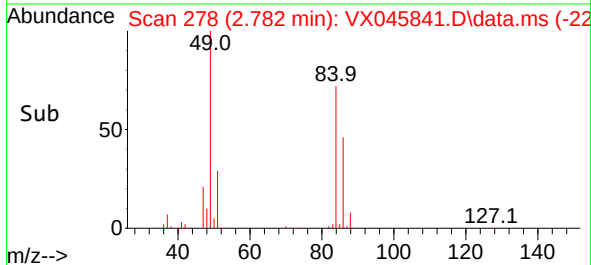
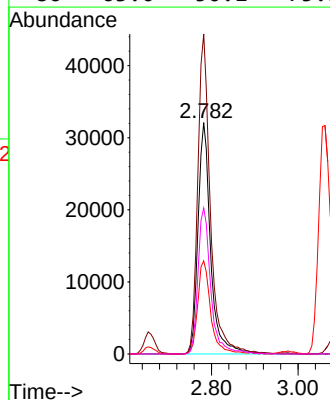
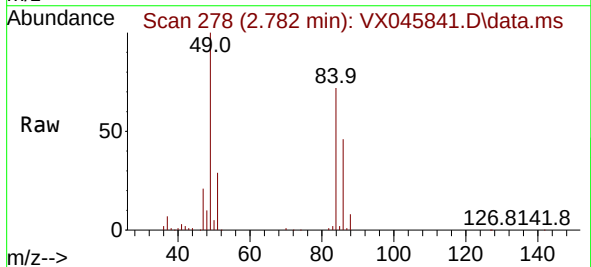
Manual Integrations
APPROVED

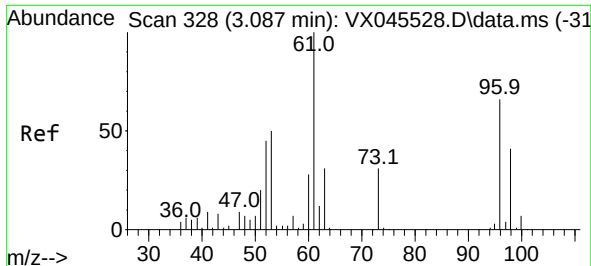
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#20
Methylene Chloride
Concen: 46.965 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

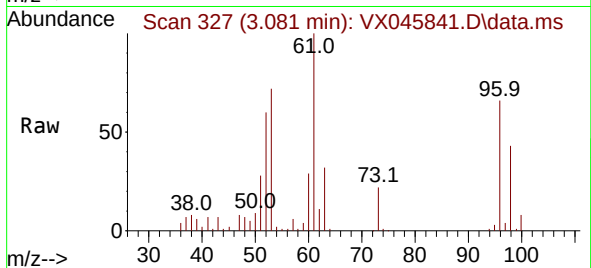
Tgt Ion: 84 Resp: 64943
Ion Ratio Lower Upper
84 100
49 138.3 107.5 161.3
51 40.3 33.0 49.6
86 63.0 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 46.734 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

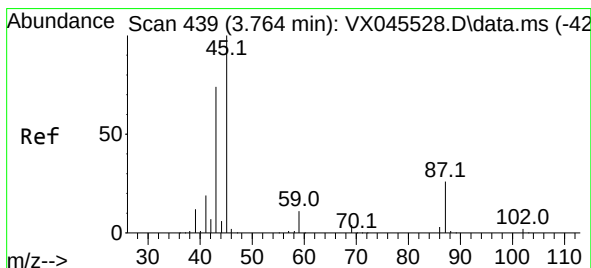
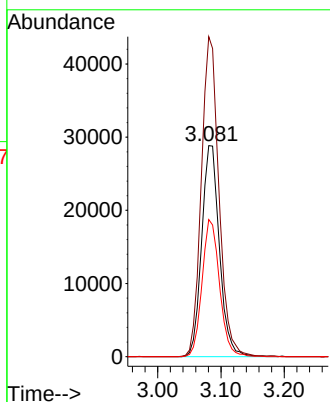
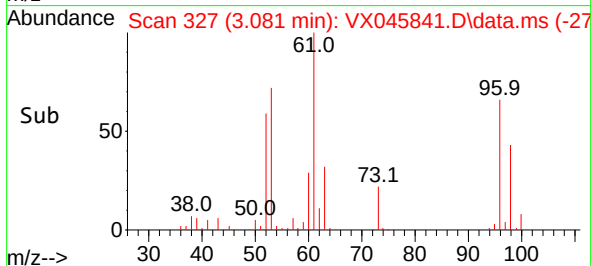
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 56379
Ion Ratio Lower Upper
96 100
61 151.7 121.0 181.6
98 65.0 49.7 74.5

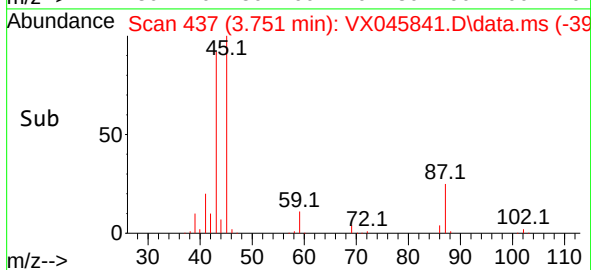
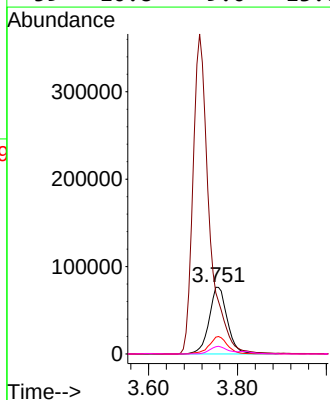
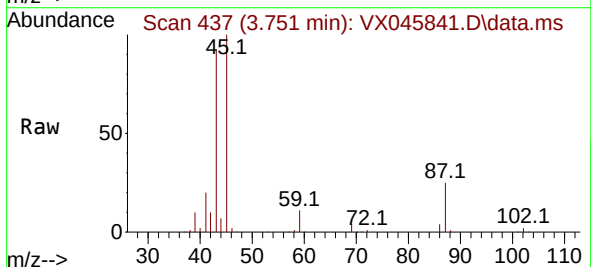
Manual Integrations
APPROVED

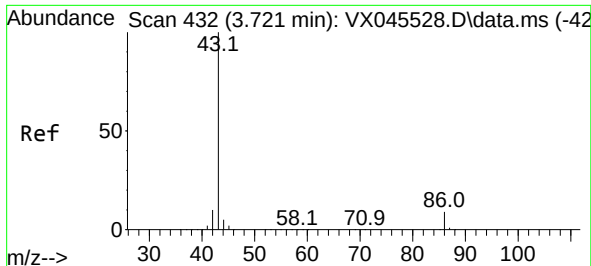
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#22
Diisopropyl ether
Concen: 49.509 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.012 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

Tgt Ion: 45 Resp: 218505
Ion Ratio Lower Upper
45 100
43 91.8 59.3 88.9#
87 25.1 20.4 30.6
59 10.8 9.0 13.6





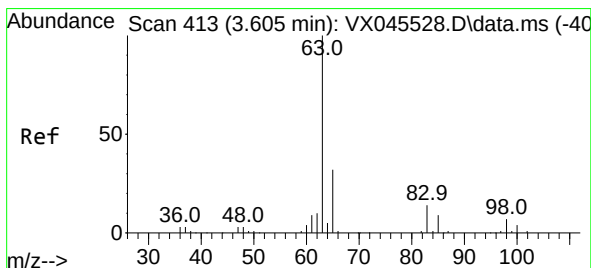
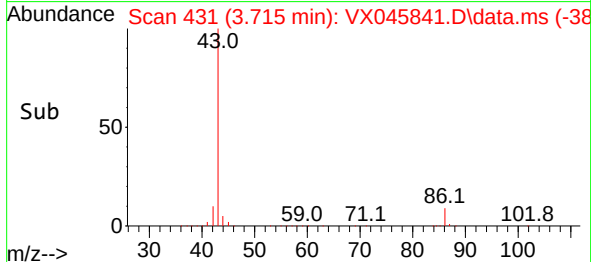
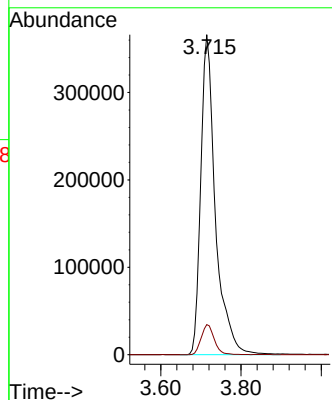
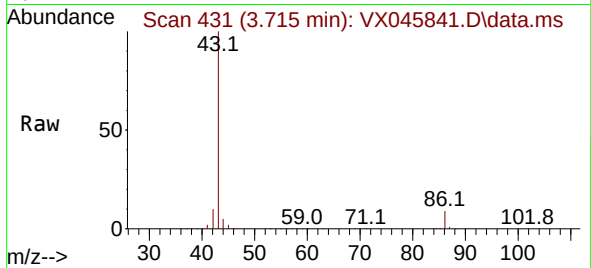
#23
 Vinyl Acetate
 Concen: 243.120 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX045841.D
 Acq: 18 Apr 2025 08:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 92706
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.5 11.3

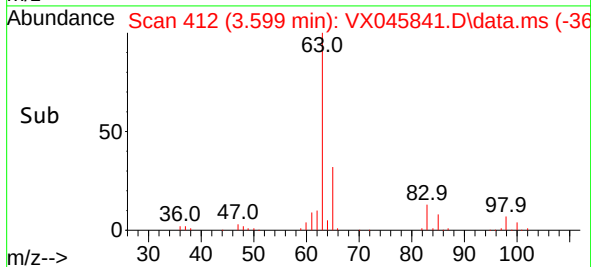
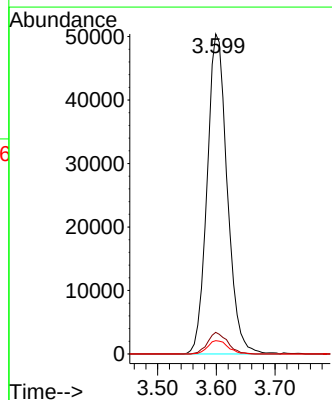
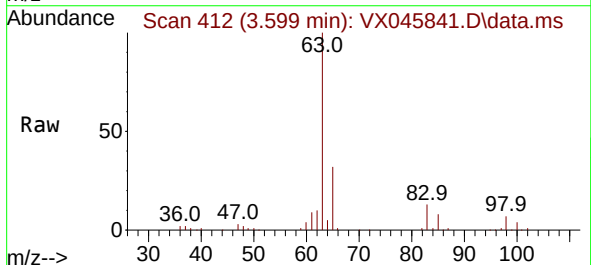
Manual Integrations
 APPROVED

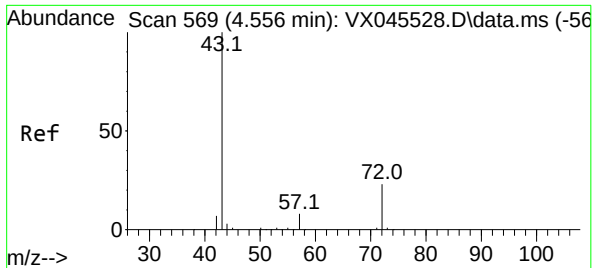
Reviewed By :John Carlone 04/21/2025
 Supervised By :Mahesh Dadoda 04/21/2025



#24
 1,1-Dichloroethane
 Concen: 48.044 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX045841.D
 Acq: 18 Apr 2025 08:34

Tgt Ion: 63 Resp: 119917
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.1
 100 4.2 2.2 6.6





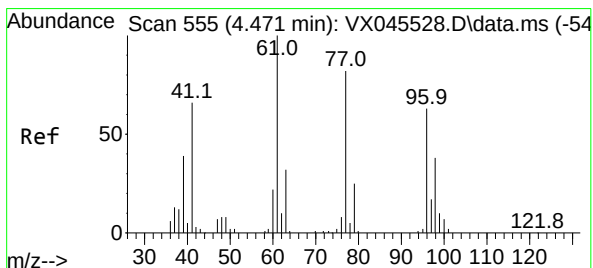
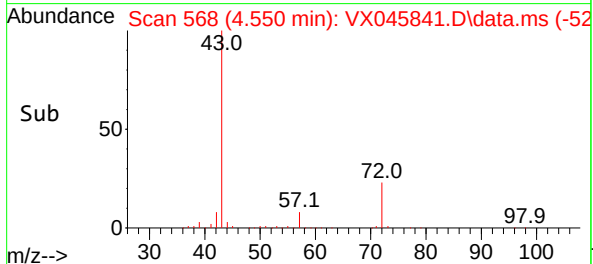
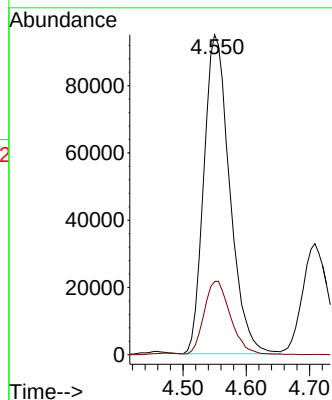
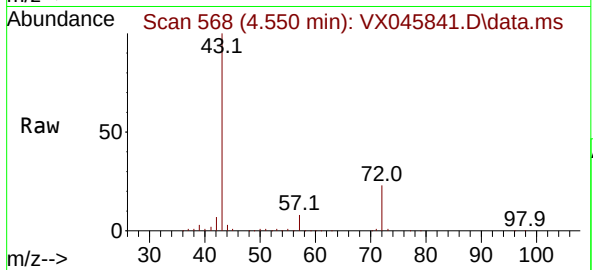
#25
2-Butanone
Concen: 249.534 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 269798
Ion Ratio Lower Upper
43 100
72 22.7 18.6 28.0

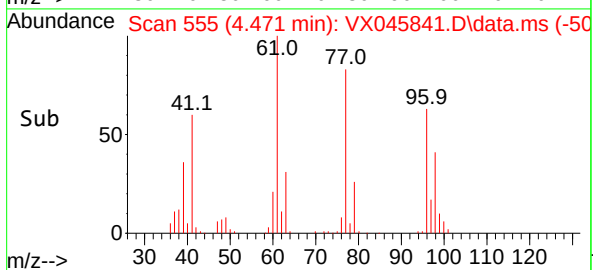
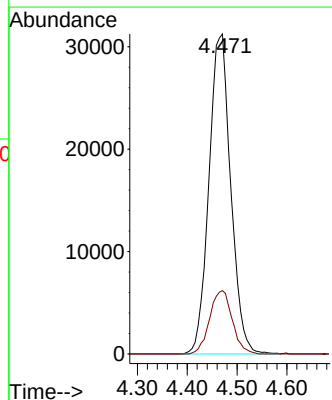
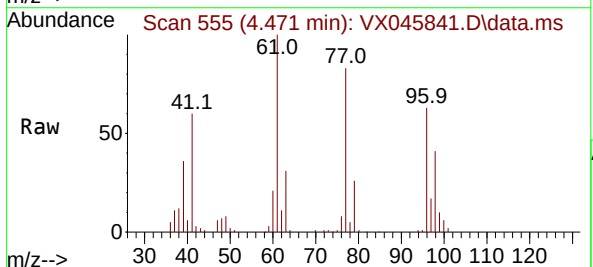
Manual Integrations
APPROVED

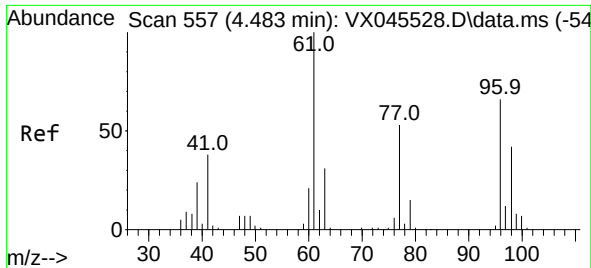
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#26
2,2-Dichloropropane
Concen: 58.807 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

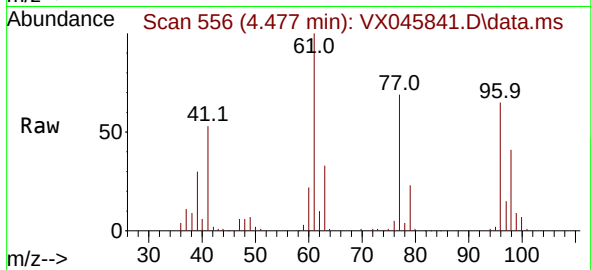
Tgt Ion: 77 Resp: 94834
Ion Ratio Lower Upper
77 100
97 20.5 10.6 31.8





#27
 cis-1,2-Dichloroethene
 Concen: 48.082 ug/l
 RT: 4.477 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX045841.D
 Acq: 18 Apr 2025 08:34

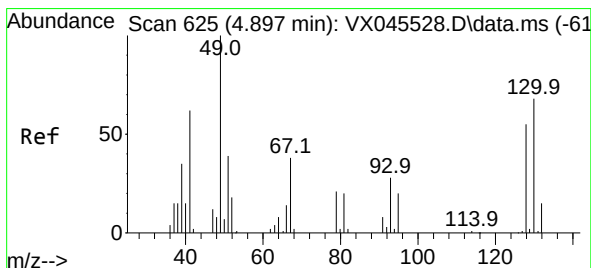
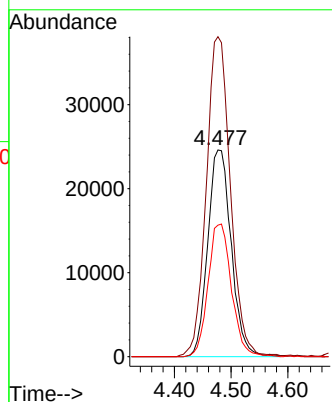
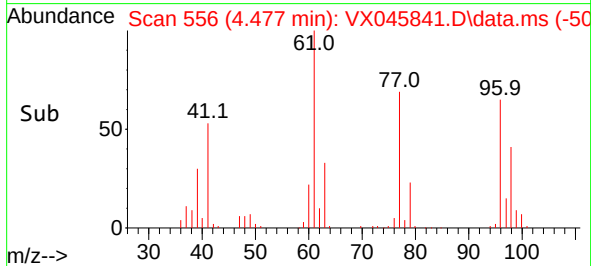
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 70669
 Ion Ratio Lower Upper
 96 100
 61 159.1 0.0 313.2
 98 63.9 0.0 126.4

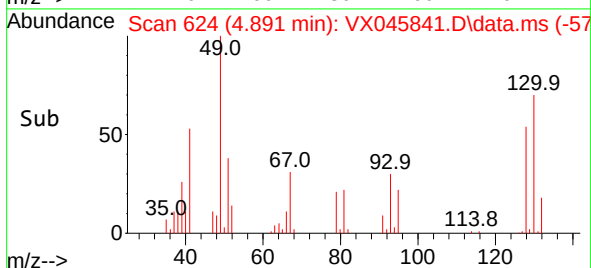
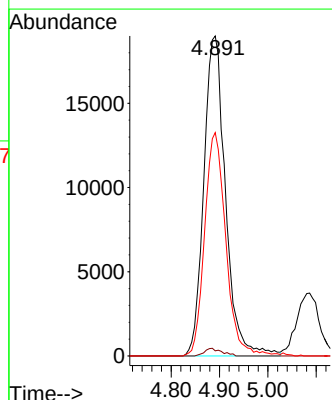
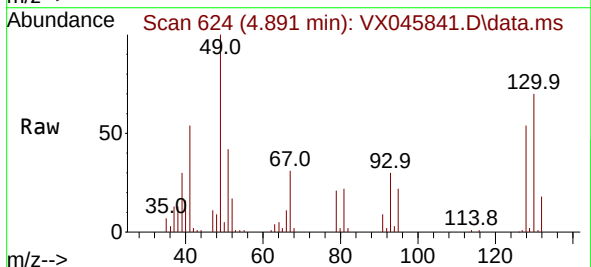
Manual Integrations
 APPROVED

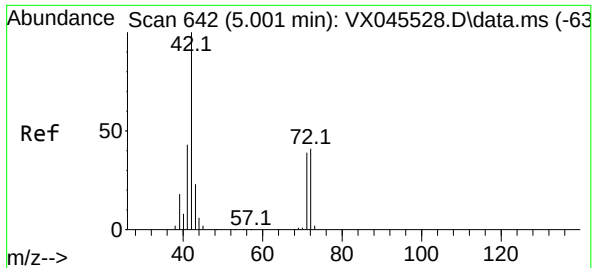
Reviewed By :John Carlone 04/21/2025
 Supervised By :Mahesh Dadoda 04/21/2025



#28
 Bromochloromethane
 Concen: 49.049 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX045841.D
 Acq: 18 Apr 2025 08:34

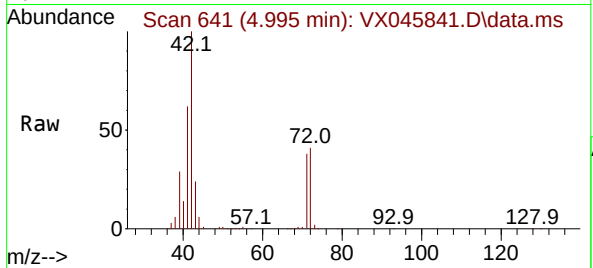
Tgt Ion: 49 Resp: 59161
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 68.2 54.6 81.8





#29
Tetrahydrofuran
Concen: 234.155 ug/l
RT: 4.995 min Scan# 642
Delta R.T. -0.006 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

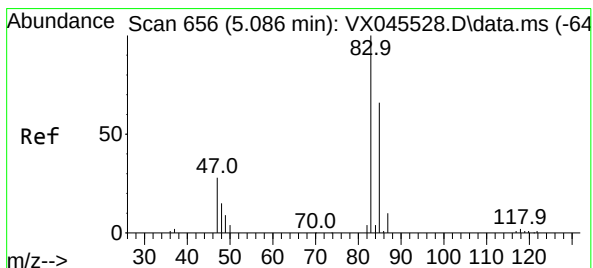
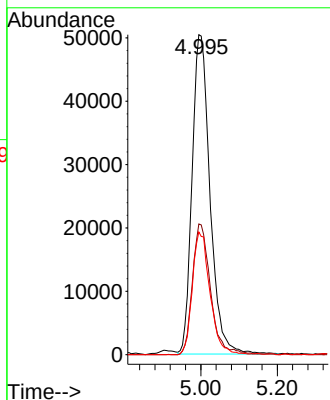
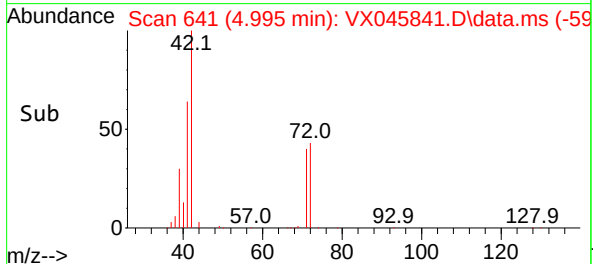
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 164138
Ion Ratio Lower Upper
42 100
72 41.2 33.4 50.0
71 37.8 31.4 47.0

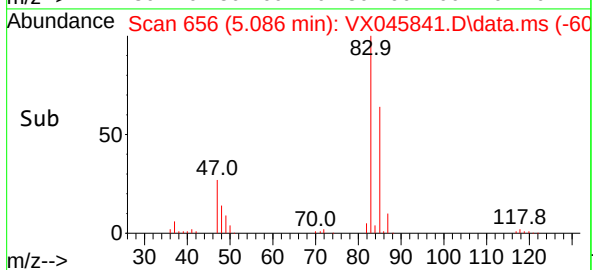
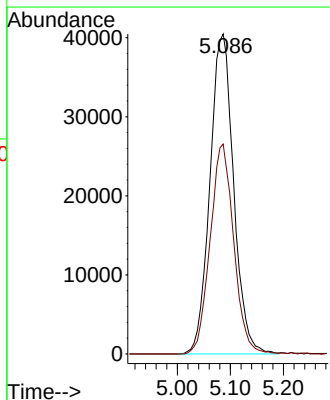
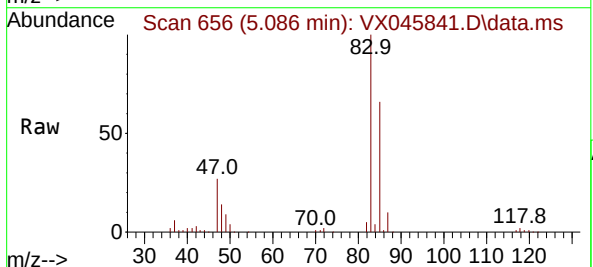
Manual Integrations
APPROVED

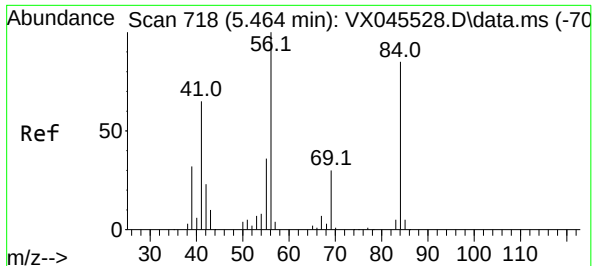
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#30
Chloroform
Concen: 48.822 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

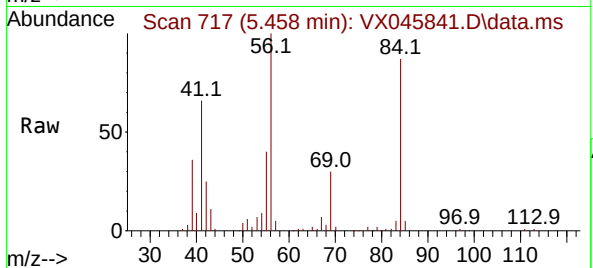
Tgt Ion: 83 Resp: 125389
Ion Ratio Lower Upper
83 100
85 65.6 52.8 79.2





#31
Cyclohexane
Concen: 45.512 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

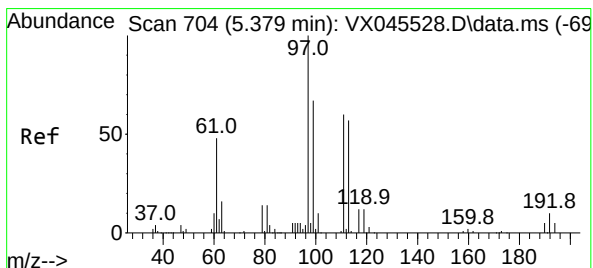
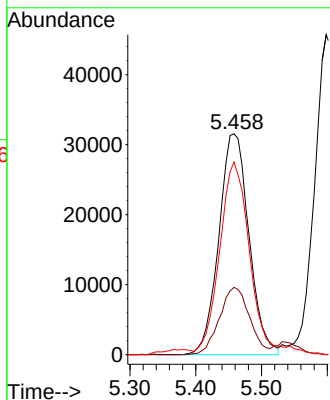
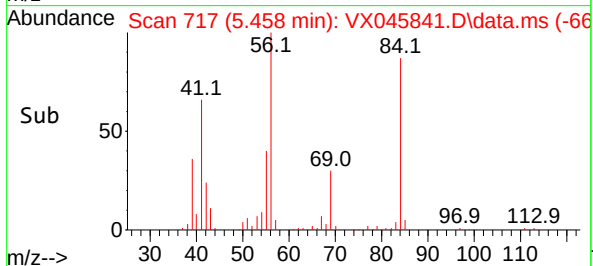
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 100425
Ion Ratio Lower Upper
56 100
69 30.5 23.6 35.4
84 85.0 67.7 101.5

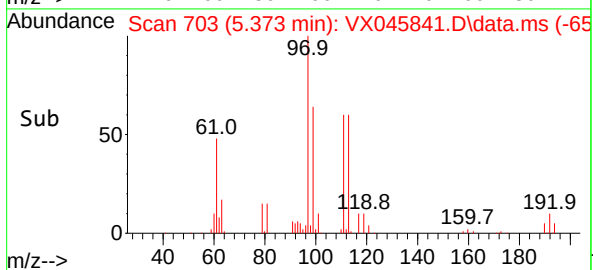
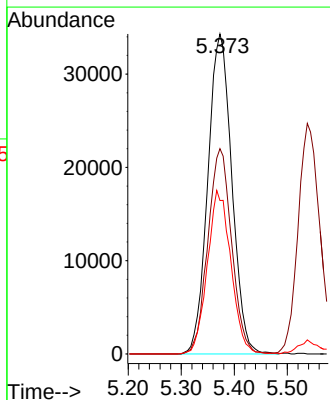
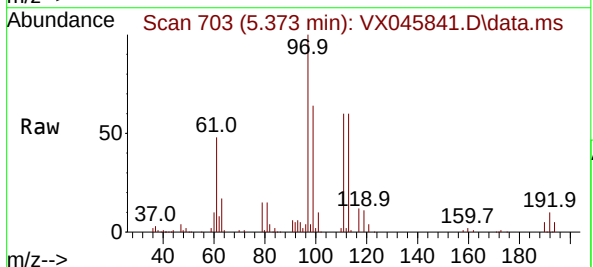
Manual Integrations
APPROVED

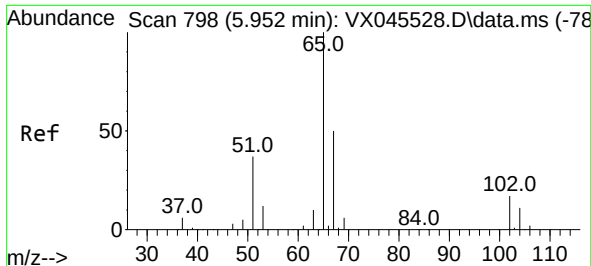
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#32
1,1,1-Trichloroethane
Concen: 49.630 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

Tgt Ion: 97 Resp: 107855
Ion Ratio Lower Upper
97 100
99 63.6 51.7 77.5
61 50.2 41.0 61.4





#33

1,2-Dichloroethane-d4

Concen: 49.427 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045841.D

Acq: 18 Apr 2025 08:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 88908

Ion Ratio Lower Upper

65 100

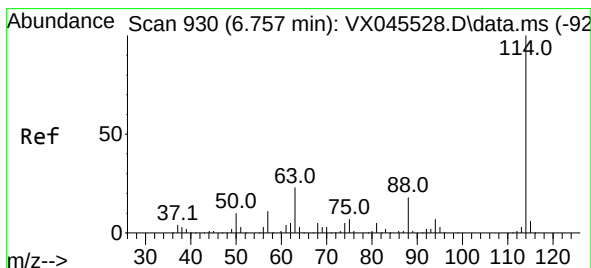
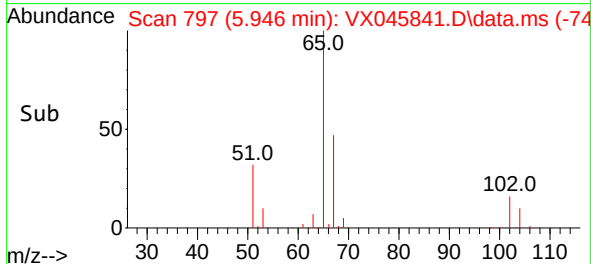
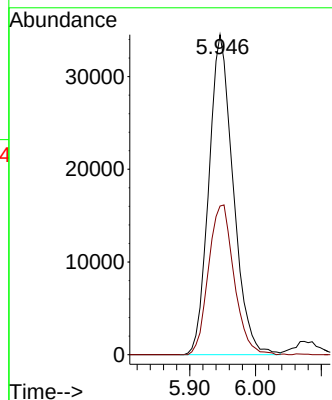
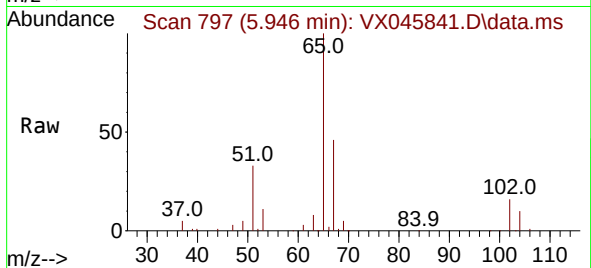
67 49.2 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2025

Supervised By :Mahesh Dadoda 04/21/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX045841.D

Acq: 18 Apr 2025 08:34

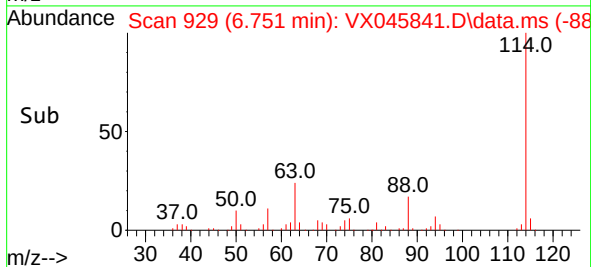
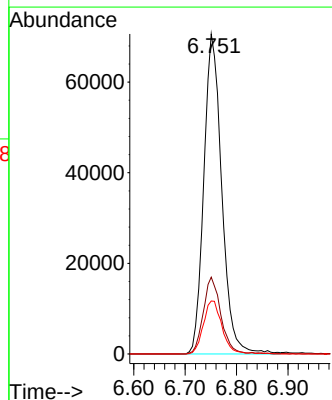
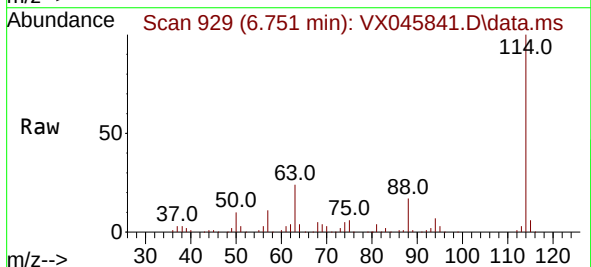
Tgt Ion:114 Resp: 171234

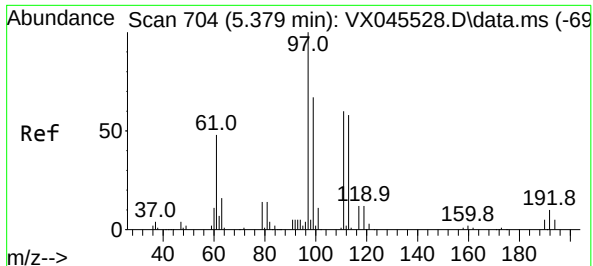
Ion Ratio Lower Upper

114 100

63 24.0 0.0 46.8

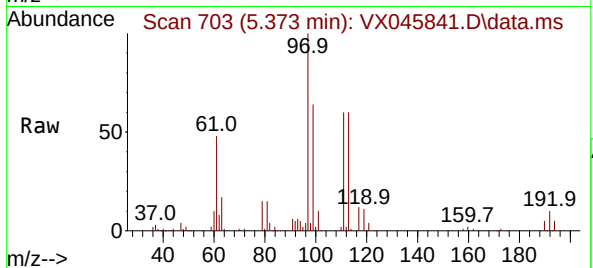
88 16.5 0.0 35.4





#35
Dibromofluoromethane
Concen: 50.582 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

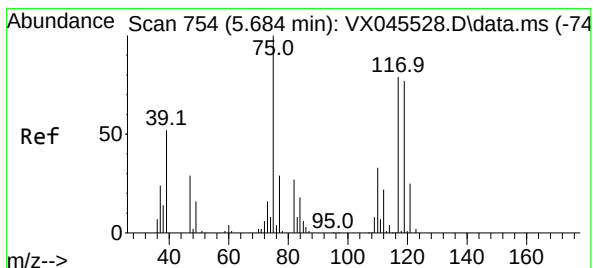
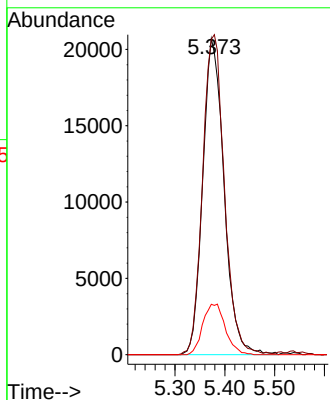
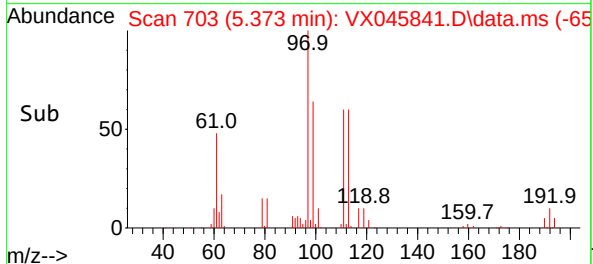
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 61452
Ion Ratio Lower Upper
113 100
111 103.3 81.8 122.6
192 16.9 13.8 20.6

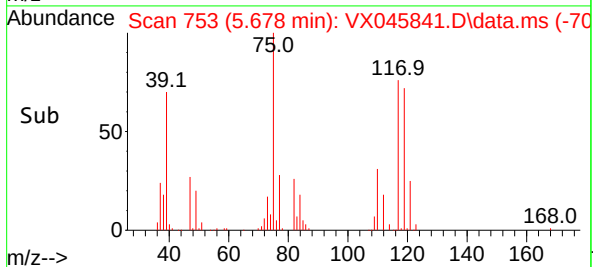
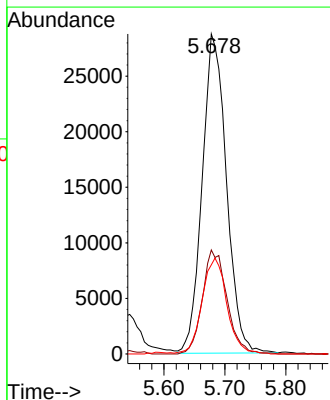
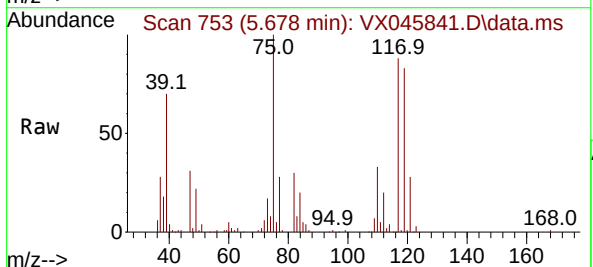
Manual Integrations
APPROVED

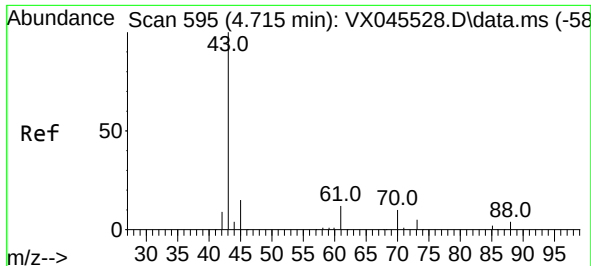
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#36
1,1-Dichloropropene
Concen: 48.506 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

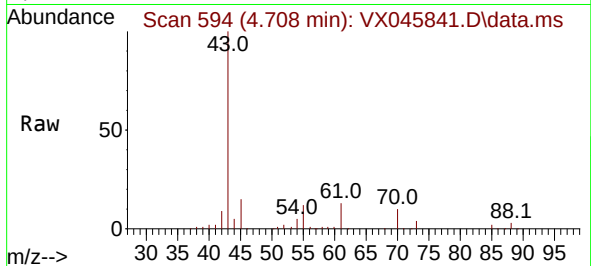
Tgt Ion: 75 Resp: 79567
Ion Ratio Lower Upper
75 100
110 32.9 16.9 50.6
77 30.7 25.0 37.4





#37
Ethyl Acetate
Concen: 46.155 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

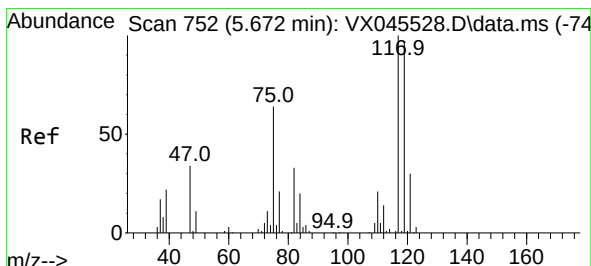
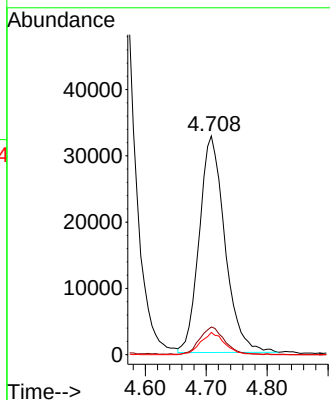
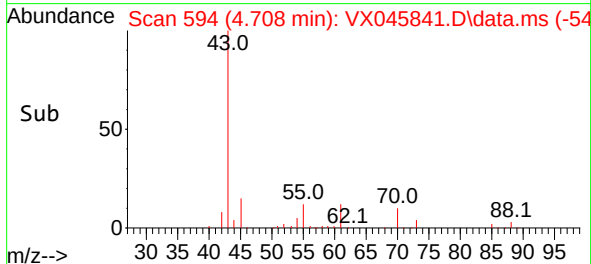
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



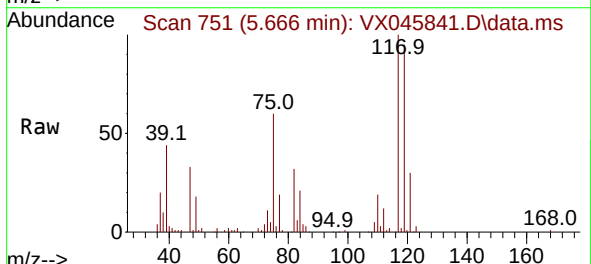
Tgt Ion: 43 Resp: 9541
Ion Ratio Lower Upper
43 100
61 11.9 9.9 14.9
70 9.7 7.5 11.3

Manual Integrations
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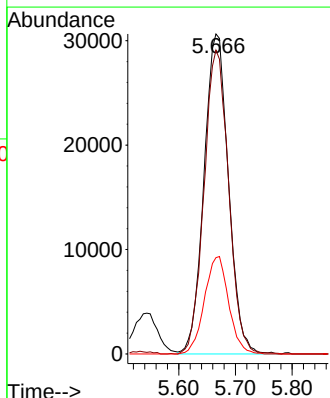
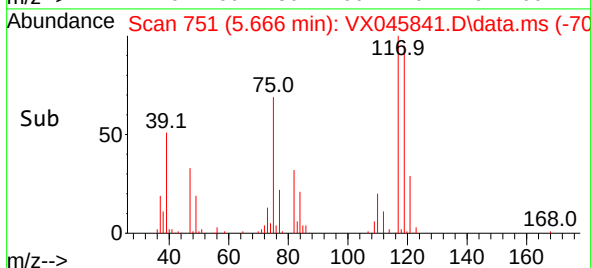
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

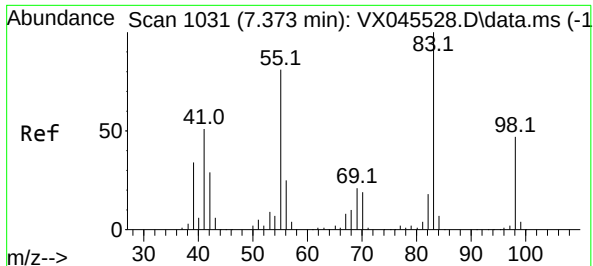


#38
Carbon Tetrachloride
Concen: 51.882 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34



Tgt Ion:117 Resp: 91979
Ion Ratio Lower Upper
117 100
119 94.9 76.9 115.3
121 30.1 24.2 36.2





#39

Methylcyclohexane

Concen: 50.137 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX045841.D

Acq: 18 Apr 2025 08:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 10081

Ion Ratio Lower Upper

83 100

55 80.8 64.9 97.3

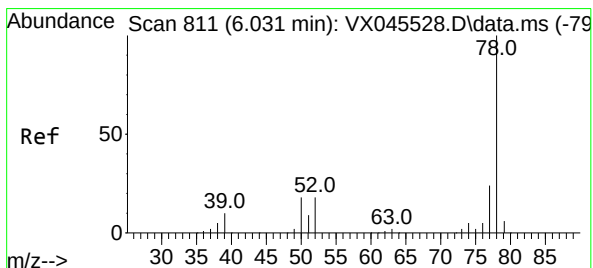
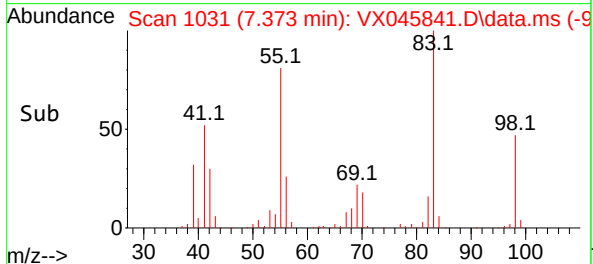
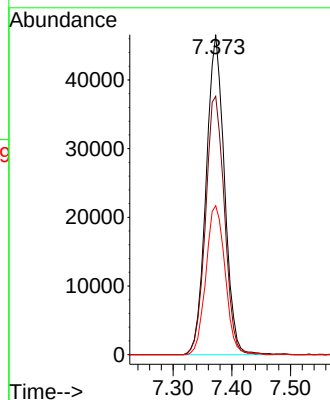
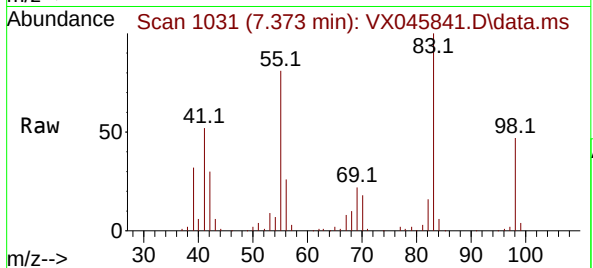
98 46.5 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2025

Supervised By :Mahesh Dadoda 04/21/2025



#40

Benzene

Concen: 47.302 ug/l

RT: 6.025 min Scan# 810

Delta R.T. -0.006 min

Lab File: VX045841.D

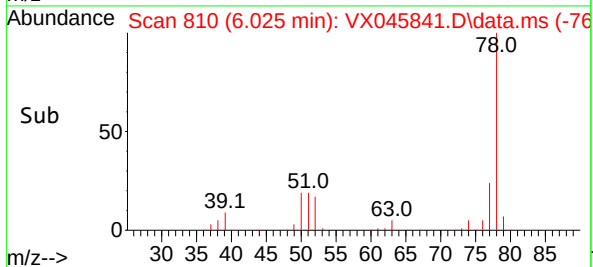
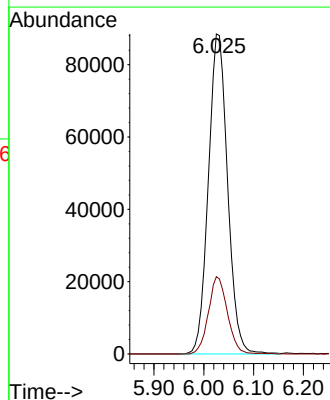
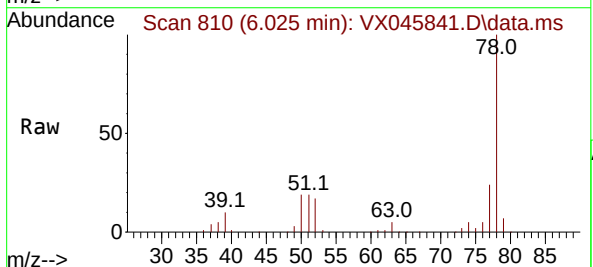
Acq: 18 Apr 2025 08:34

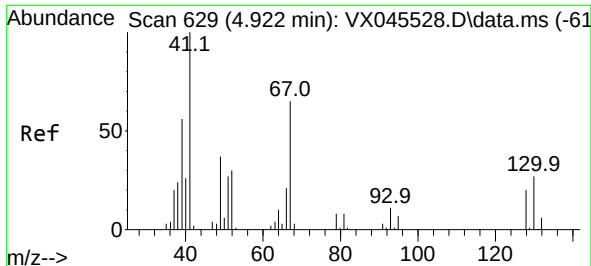
Tgt Ion: 78 Resp: 236978

Ion Ratio Lower Upper

78 100

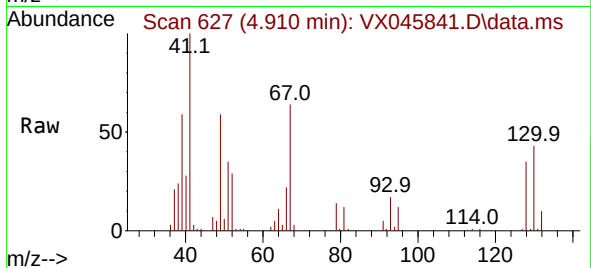
77 24.2 19.0 28.6





#41
Methacrylonitrile
Concen: 52.085 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

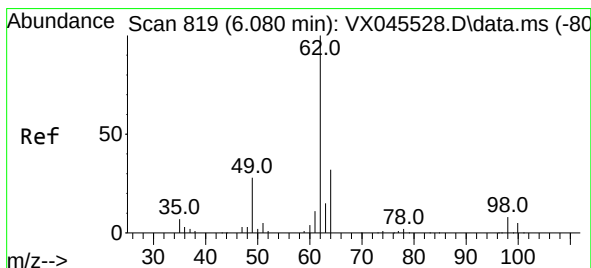
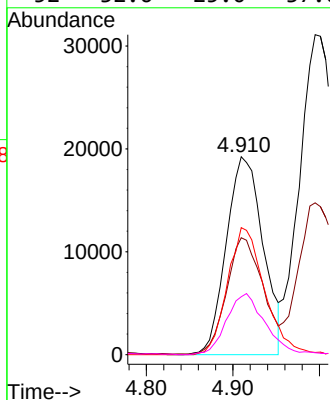
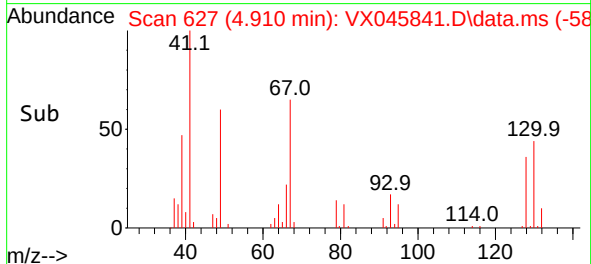
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 56810
Ion Ratio Lower Upper
41 100
39 57.7 47.0 70.6
67 65.2 53.2 79.8
52 32.6 25.0 37.6

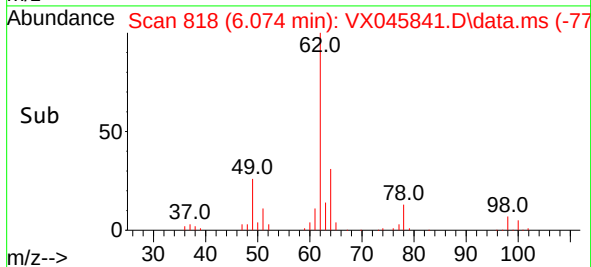
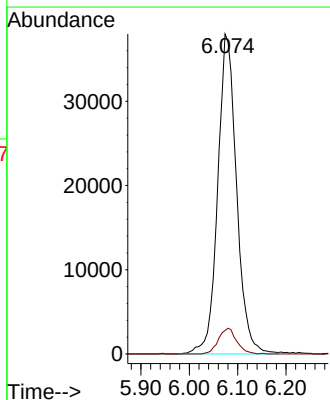
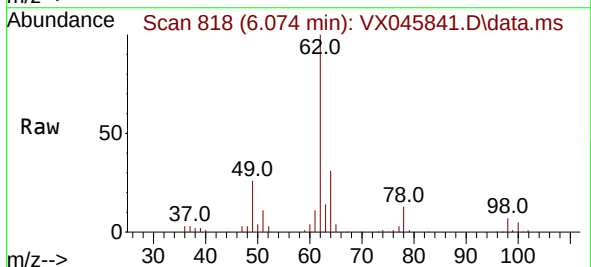
Manual Integrations
APPROVED

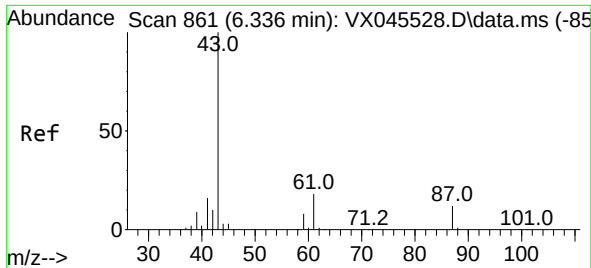
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#42
1,2-Dichloroethane
Concen: 49.743 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.006 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

Tgt Ion: 62 Resp: 102928
Ion Ratio Lower Upper
62 100
98 7.7 0.0 15.2





#43

Isopropyl Acetate

Concen: 50.245 ug/l

RT: 6.336 min Scan# 80

Delta R.T. -0.000 min

Lab File: VX045841.D

Acq: 18 Apr 2025 08:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 15742

Ion Ratio Lower Upper

43 100

61 17.9 14.1 21.1

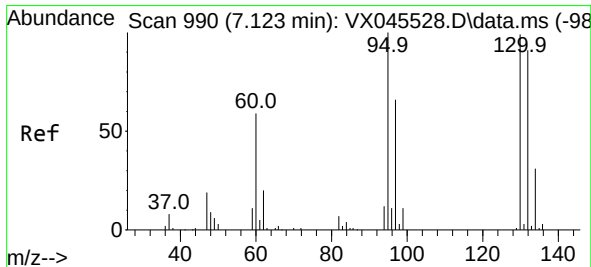
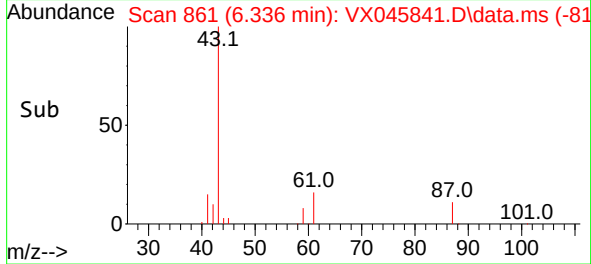
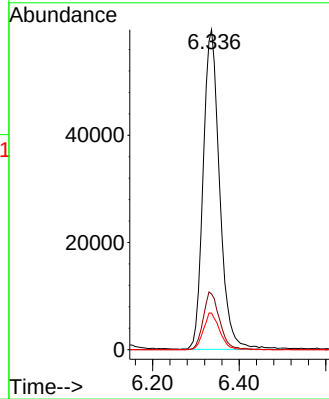
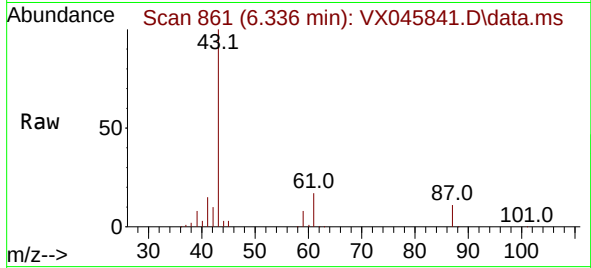
87 11.2 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2025

Supervised By :Mahesh Dadoda 04/21/2025



#44

Trichloroethene

Concen: 48.493 ug/l

RT: 7.116 min Scan# 989

Delta R.T. -0.006 min

Lab File: VX045841.D

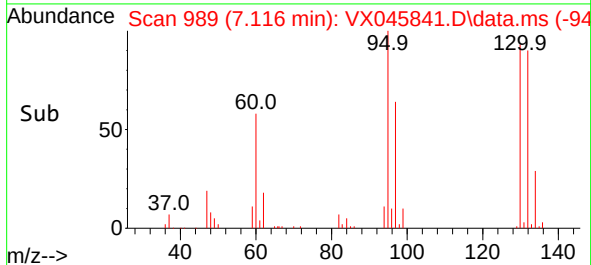
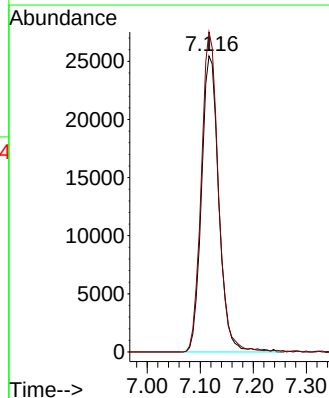
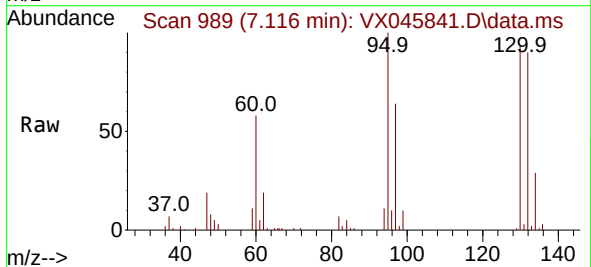
Acq: 18 Apr 2025 08:34

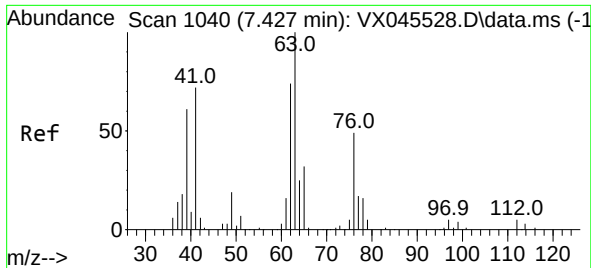
Tgt Ion:130 Resp: 57744

Ion Ratio Lower Upper

130 100

95 108.1 0.0 202.0





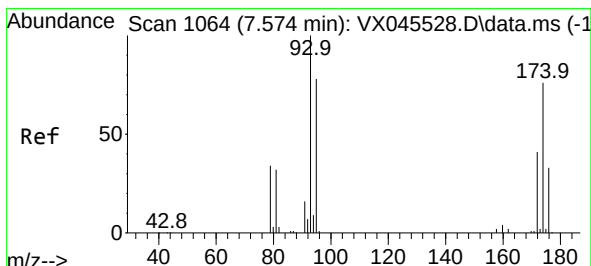
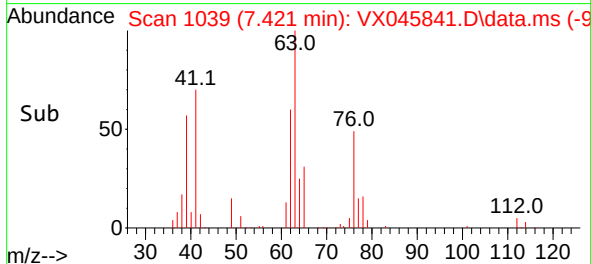
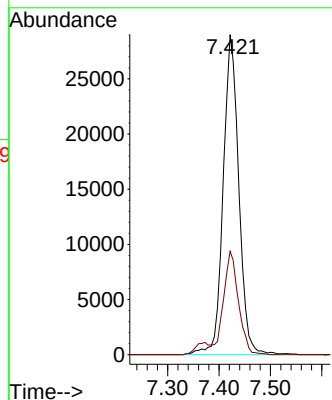
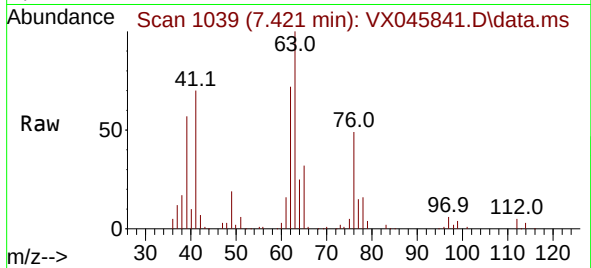
#45
1,2-Dichloropropane
Concen: 48.990 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 6123
Ion Ratio Lower Upper
63 100
65 32.3 25.8 38.6

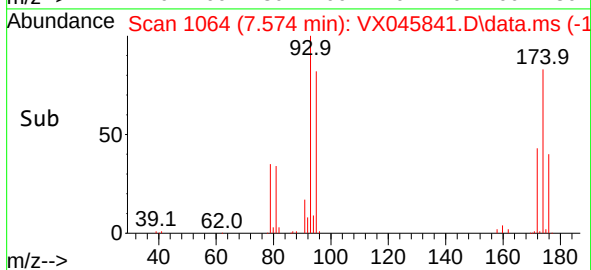
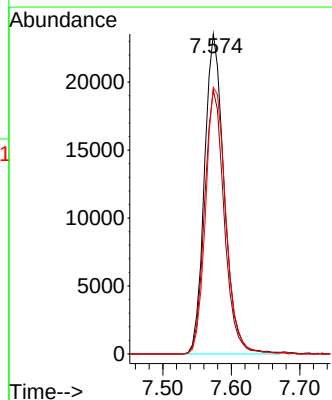
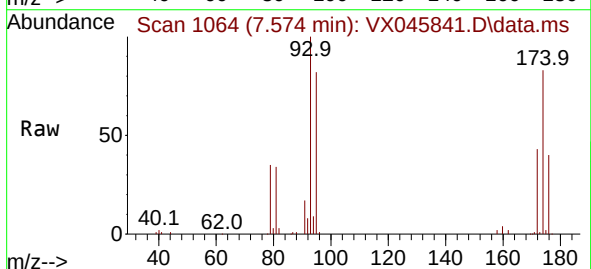
Manual Integrations
APPROVED

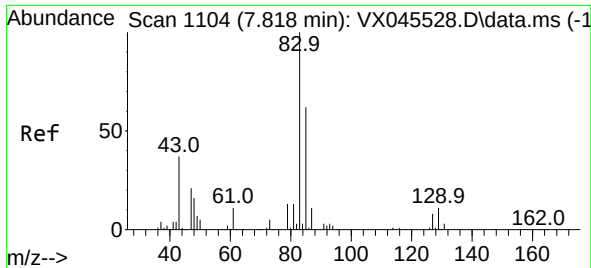
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#46
Dibromomethane
Concen: 49.158 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

Tgt Ion: 93 Resp: 47170
Ion Ratio Lower Upper
93 100
95 82.4 64.8 97.2
174 85.6 65.4 98.0





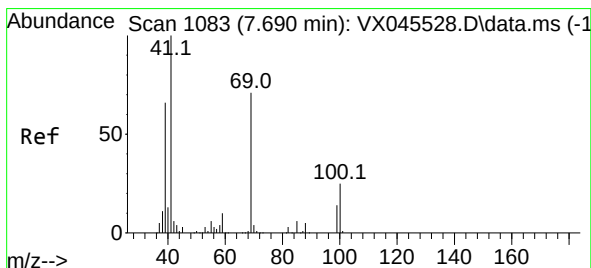
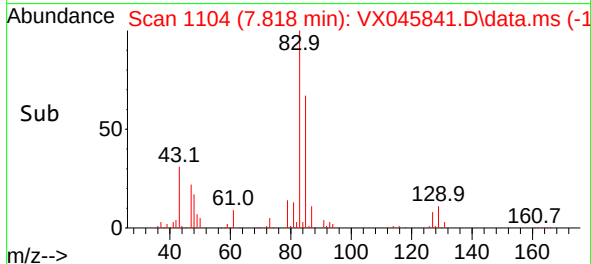
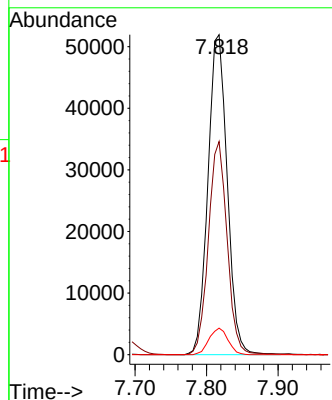
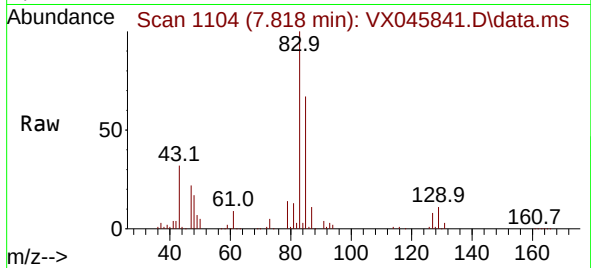
#47
Bromodichloromethane
Concen: 50.832 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 97409
Ion Ratio Lower Upper
83 100
85 66.6 49.7 74.5
127 8.3 6.1 9.1

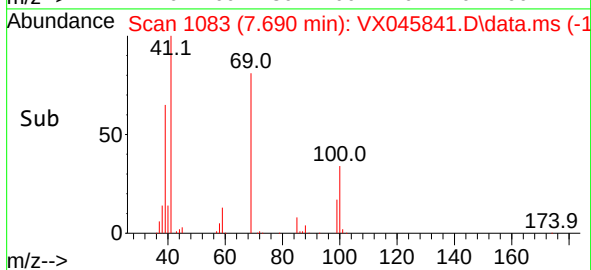
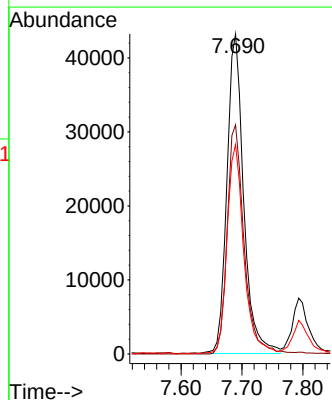
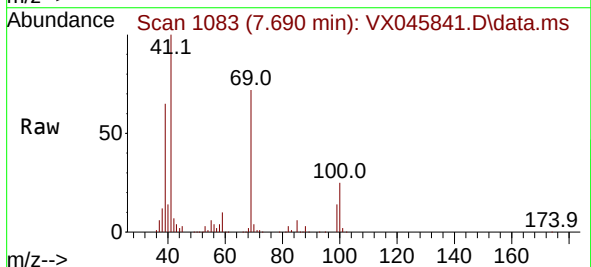
Manual Integrations
APPROVED

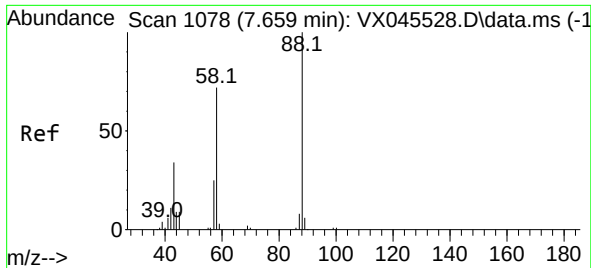
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#48
Methyl methacrylate
Concen: 50.792 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

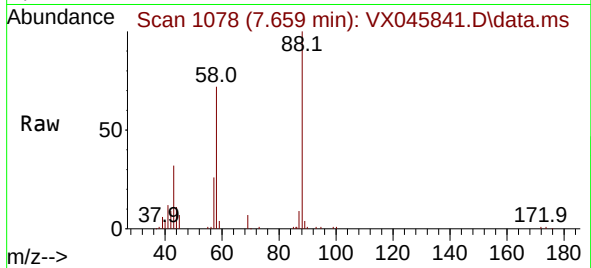
Tgt Ion: 41 Resp: 82165
Ion Ratio Lower Upper
41 100
69 72.2 58.2 87.2
39 65.2 53.6 80.4





#49
1,4-Dioxane
Concen: 990.460 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

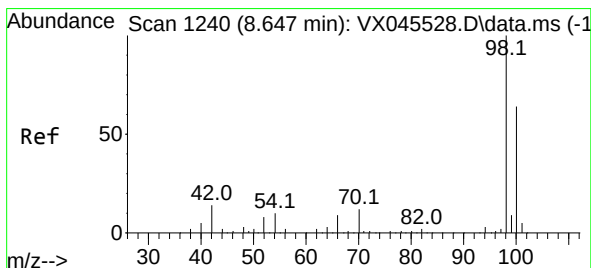
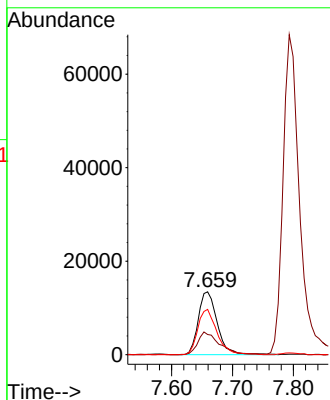
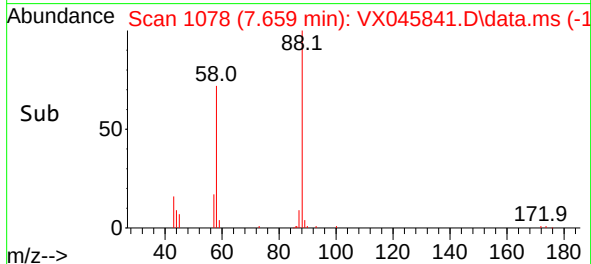
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 28989
Ion Ratio Lower Upper
88 100
43 41.5 32.2 48.4
58 72.9 58.6 88.0

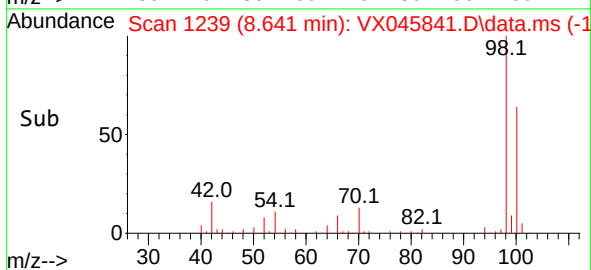
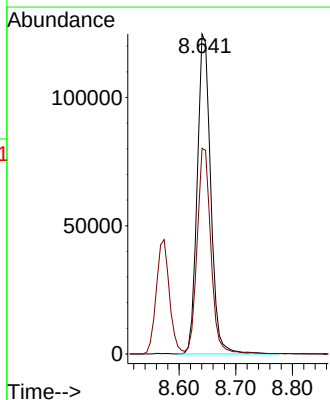
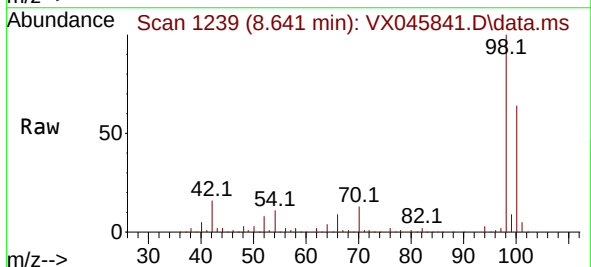
Manual Integrations
APPROVED

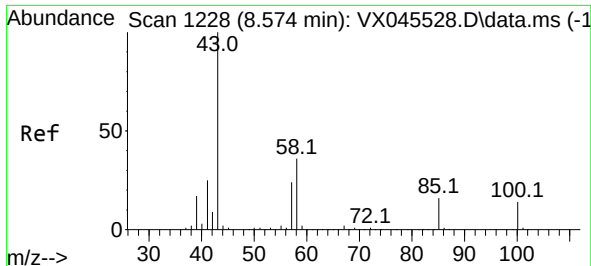
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#50
Toluene-d8
Concen: 48.644 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

Tgt Ion: 98 Resp: 206277
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.4





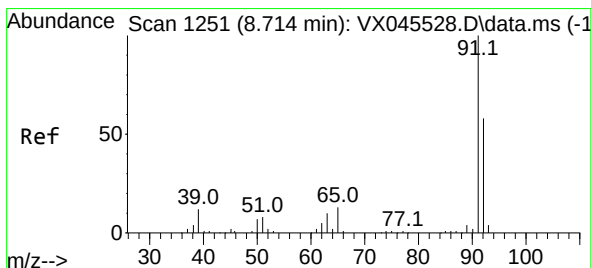
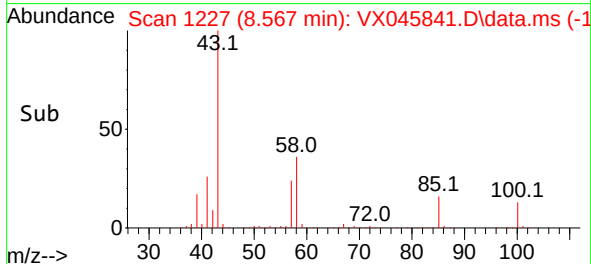
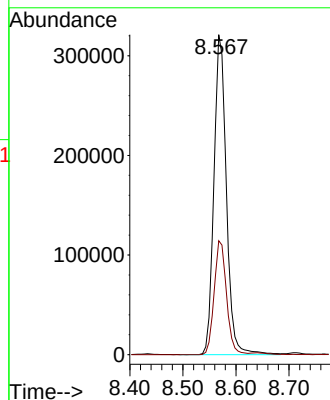
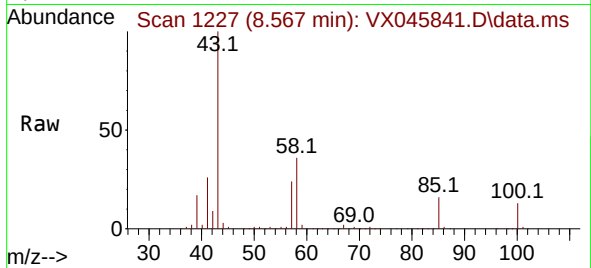
#51
4-Methyl-2-Pentanone
Concen: 252.697 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 524852
Ion Ratio Lower Upper
43 100
58 35.4 28.5 42.7

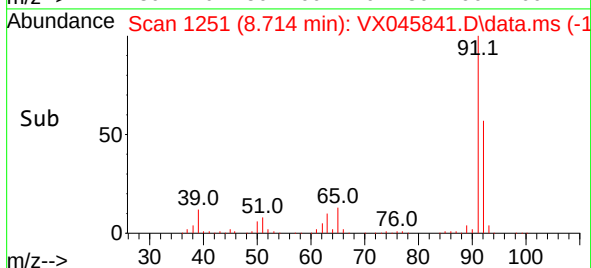
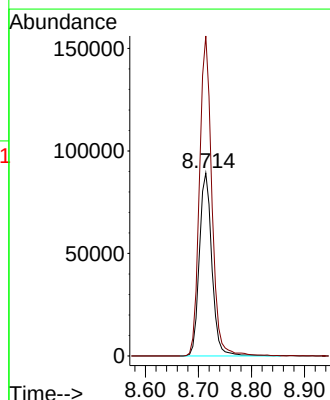
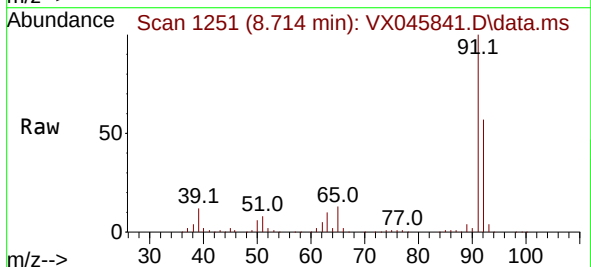
Manual Integrations
APPROVED

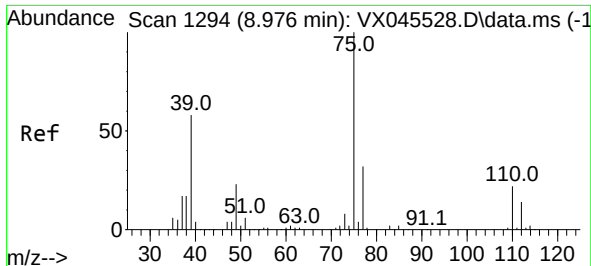
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#52
Toluene
Concen: 48.107 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

Tgt Ion: 92 Resp: 145834
Ion Ratio Lower Upper
92 100
91 172.8 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 47.457 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX045841.D

Acq: 18 Apr 2025 08:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 87229

Ion Ratio Lower Upper

75 100

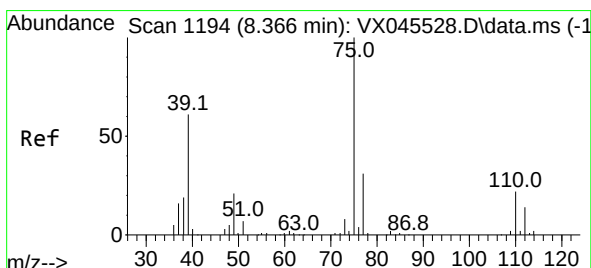
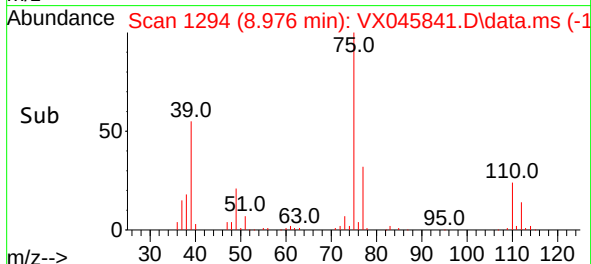
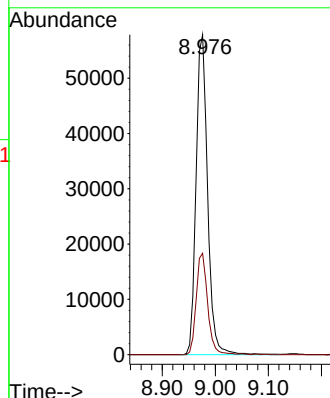
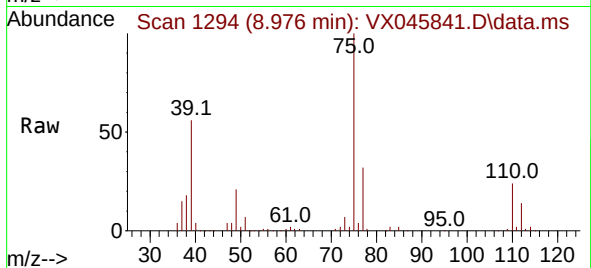
77 31.7 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2025

Supervised By :Mahesh Dadoda 04/21/2025



#54

cis-1,3-Dichloropropene

Concen: 53.718 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX045841.D

Acq: 18 Apr 2025 08:34

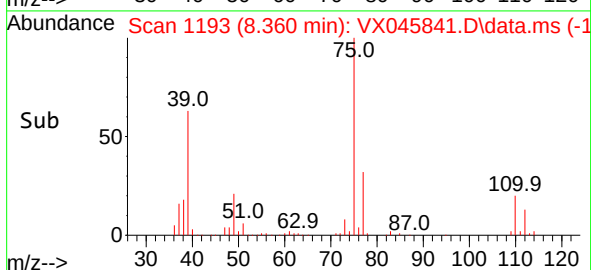
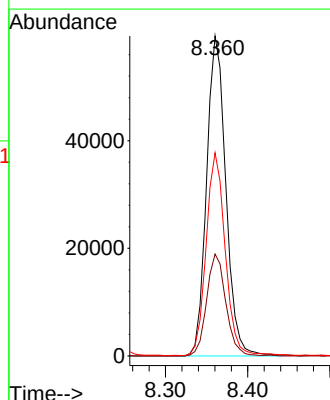
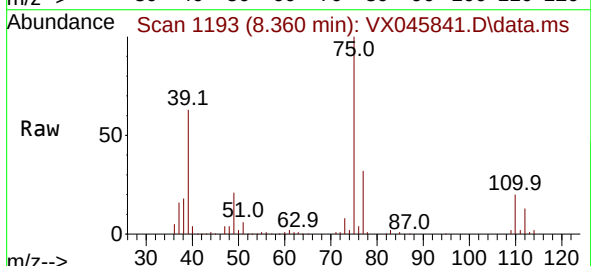
Tgt Ion: 75 Resp: 96735

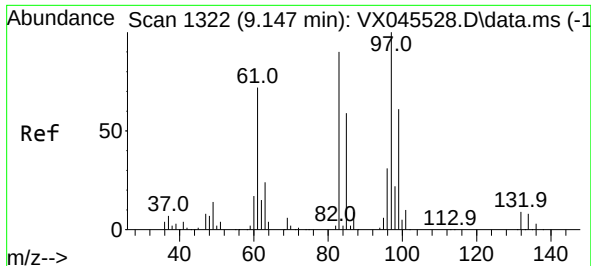
Ion Ratio Lower Upper

75 100

77 31.8 24.6 36.8

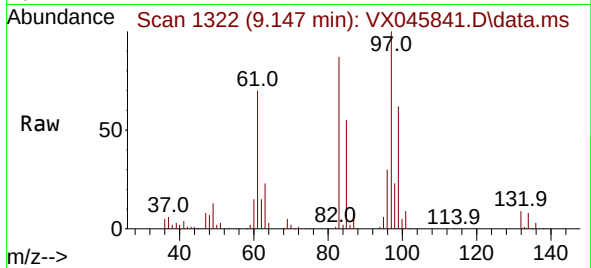
39 63.3 48.4 72.6





#55
1,1,2-Trichloroethane
Concen: 49.656 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

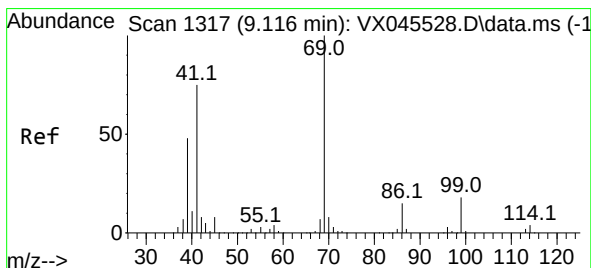
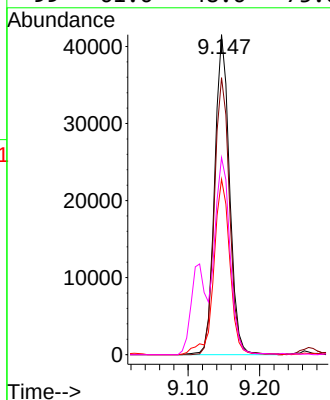
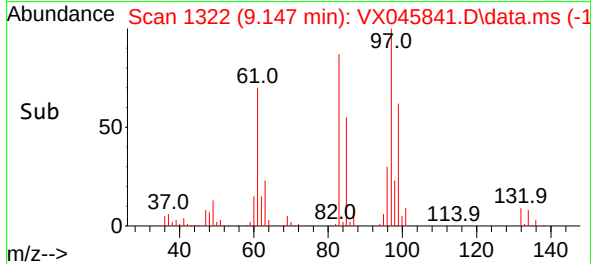
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.6	71.8	107.8
85	54.8	47.0	70.6
99	61.6	48.6	73.0

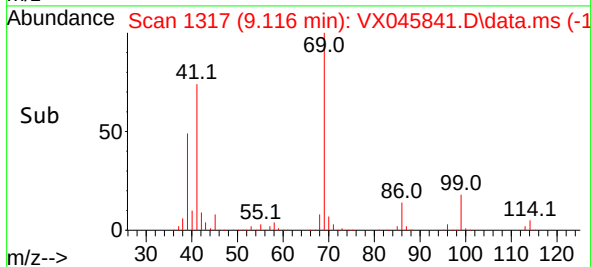
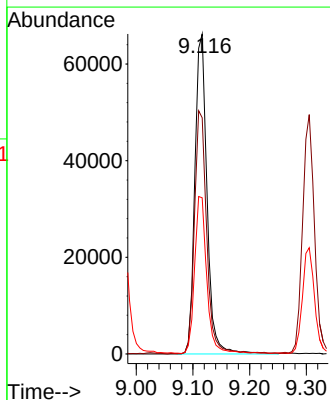
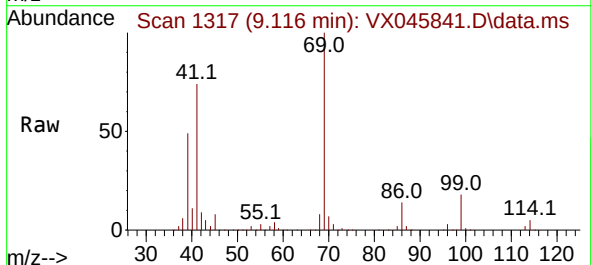
Manual Integrations
APPROVED

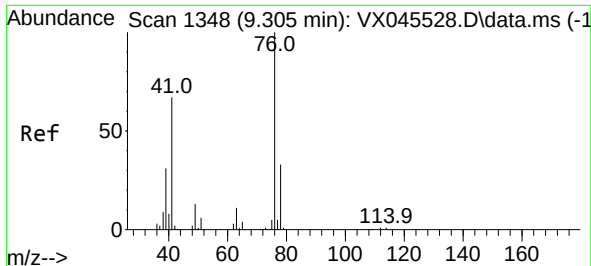
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#56
Ethyl methacrylate
Concen: 52.752 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

Tgt Ion	Ratio	Lower	Upper
69	100		
41	77.3	61.3	91.9
39	49.0	40.2	60.2





#57

1,3-Dichloropropane

Concen: 49.593 ug/l

RT: 9.305 min Scan# 1134

Delta R.T. 0.000 min

Lab File: VX045841.D

Acq: 18 Apr 2025 08:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 10432

Ion Ratio Lower Upper

76 100

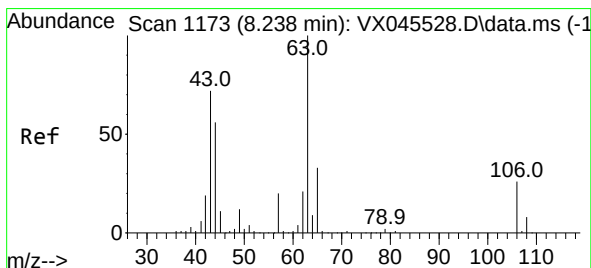
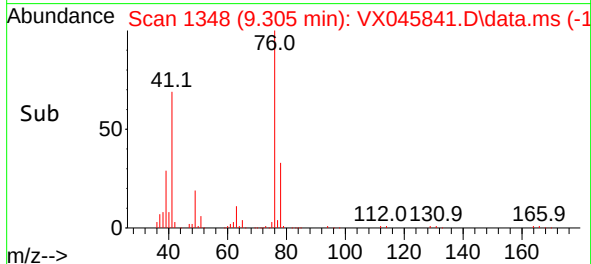
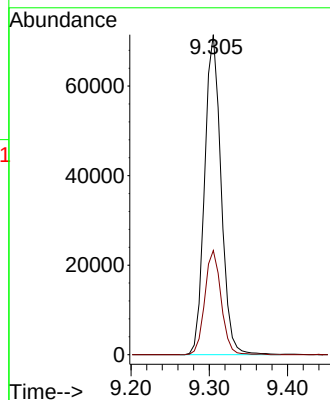
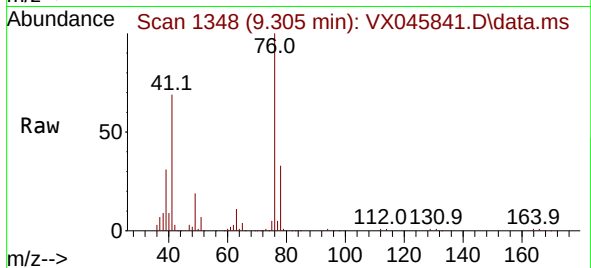
78 32.3 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2025

Supervised By :Mahesh Dadoda 04/21/2025



#58

2-Chloroethyl Vinyl ether

Concen: 264.850 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX045841.D

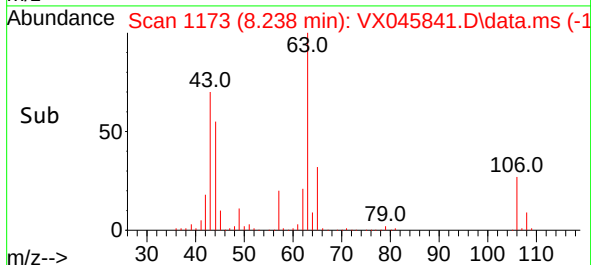
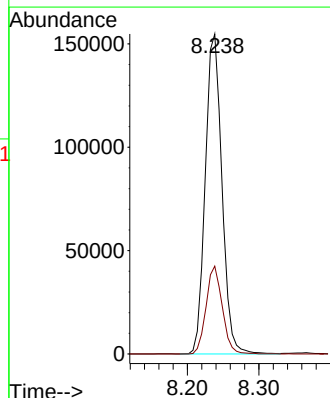
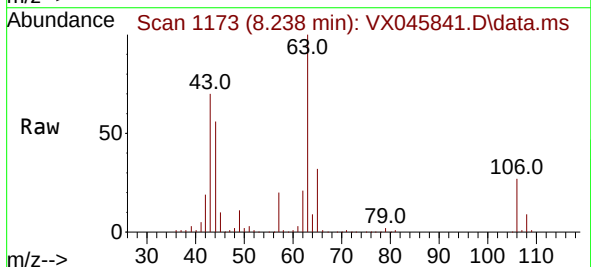
Acq: 18 Apr 2025 08:34

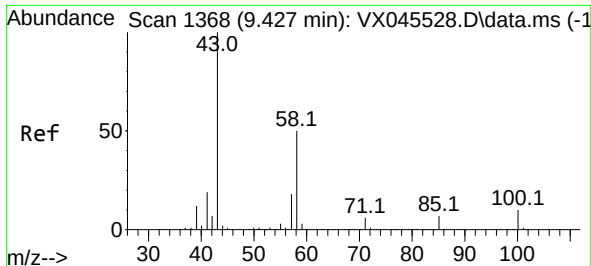
Tgt Ion: 63 Resp: 250478

Ion Ratio Lower Upper

63 100

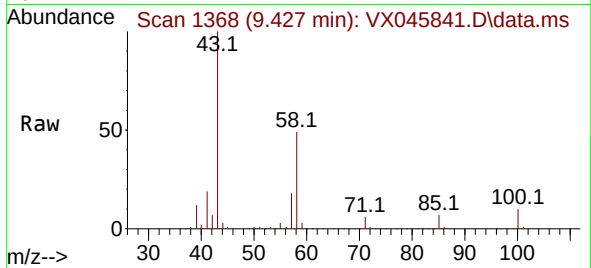
106 26.7 21.0 31.6





#59
2-Hexanone
Concen: 254.268 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

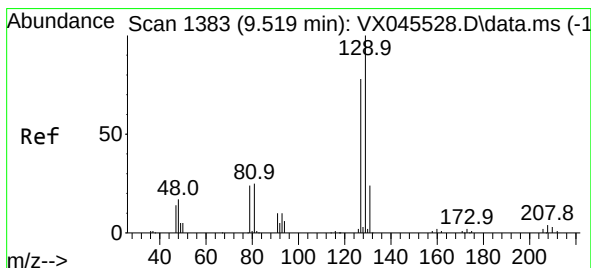
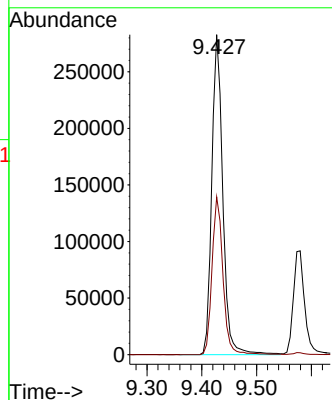
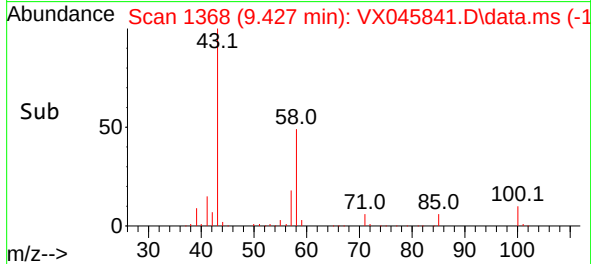
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 391083
Ion Ratio Lower Upper
43 100
58 49.4 24.9 74.6

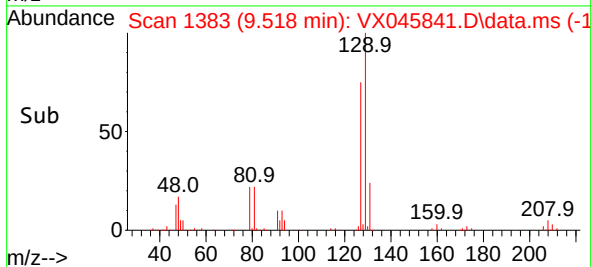
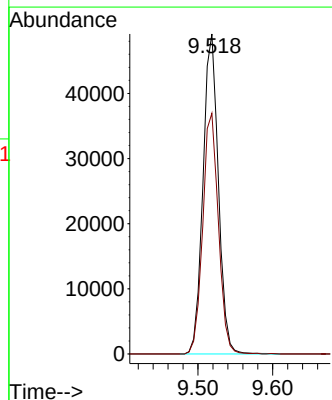
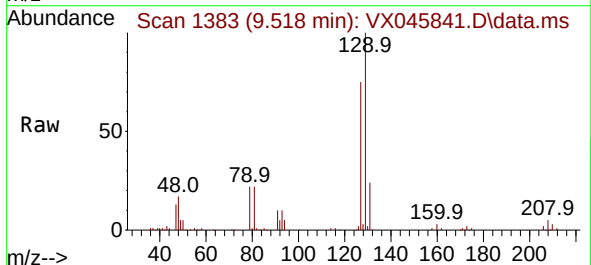
Manual Integrations
APPROVED

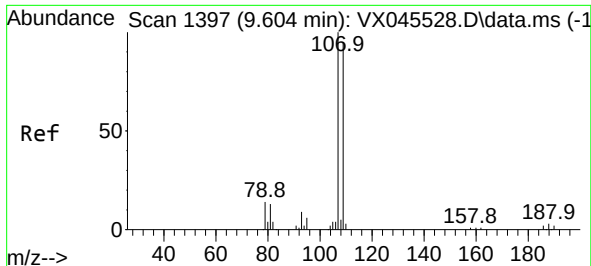
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#60
Dibromochloromethane
Concen: 53.118 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

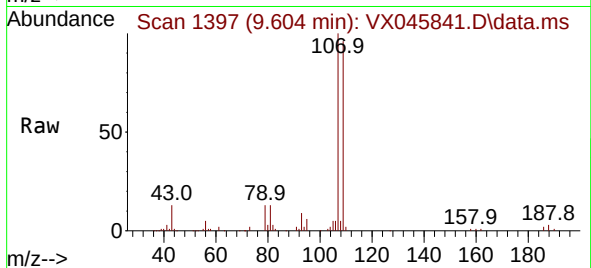
Tgt Ion:129 Resp: 69954
Ion Ratio Lower Upper
129 100
127 76.8 39.4 118.2





#61
1,2-Dibromoethane
Concen: 50.125 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

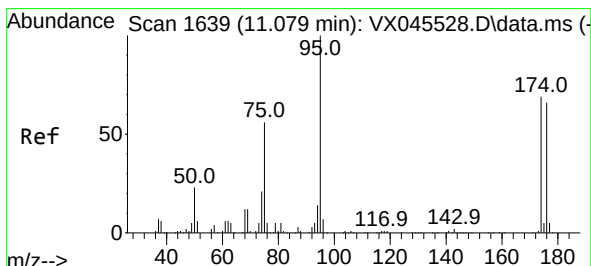
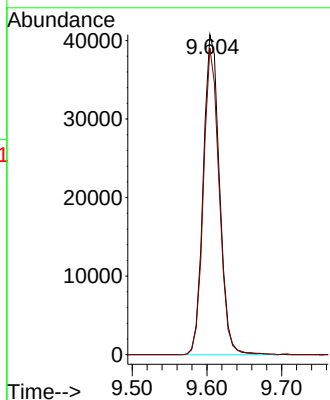
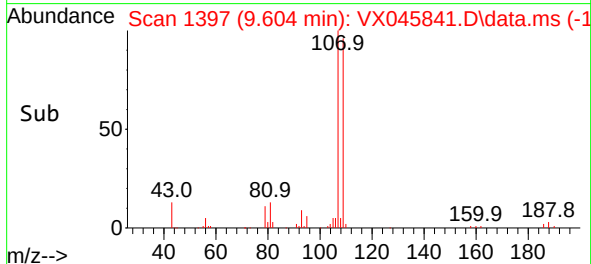
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 61290
Ion Ratio Lower Upper
107 100
109 93.4 75.7 113.5

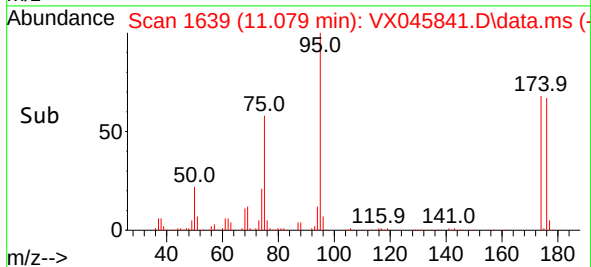
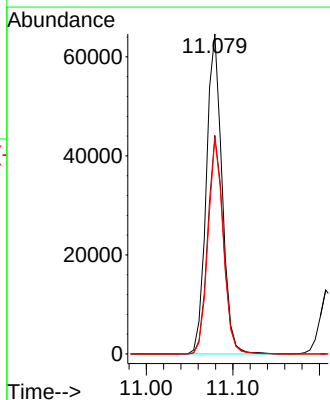
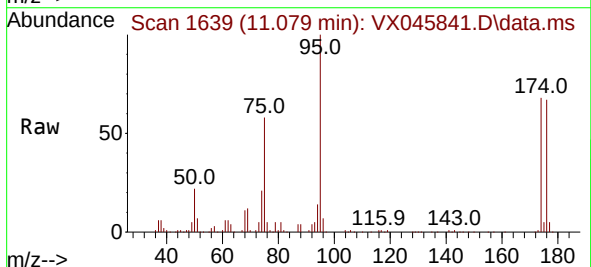
Manual Integrations
APPROVED

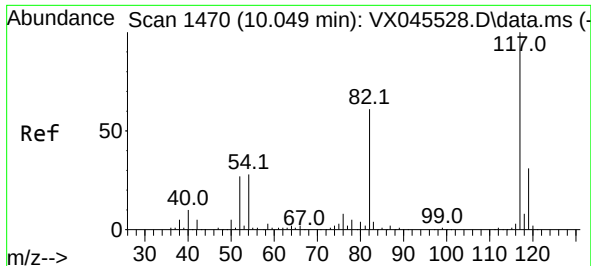
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#62
4-Bromofluorobenzene
Concen: 52.557 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

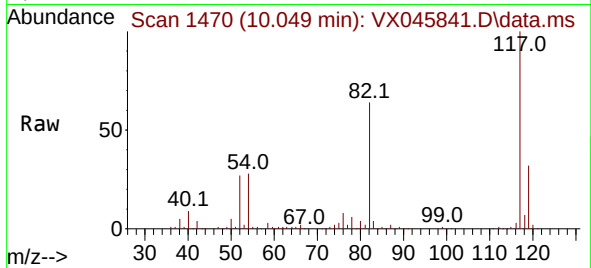
Tgt Ion: 95 Resp: 81179
Ion Ratio Lower Upper
95 100
174 68.0 0.0 135.8
176 65.1 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

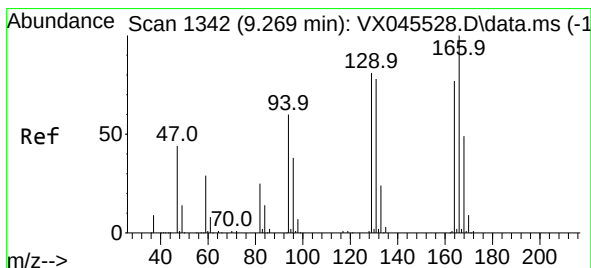
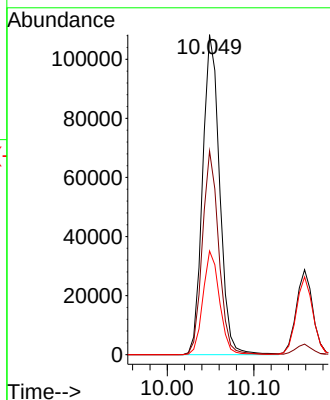
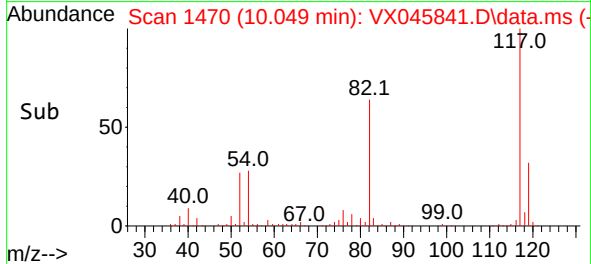
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 14804
Ion Ratio Lower Upper
117 100
82 63.7 49.2 73.8
119 32.4 25.1 37.7

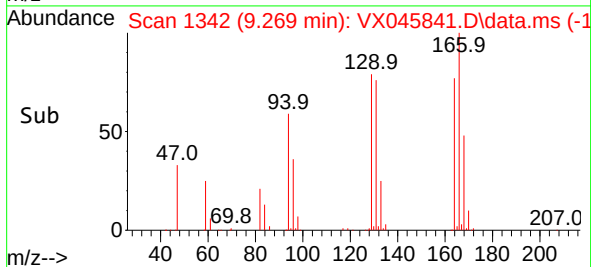
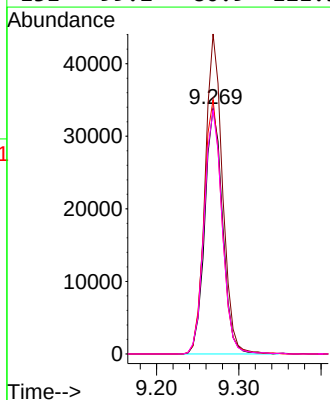
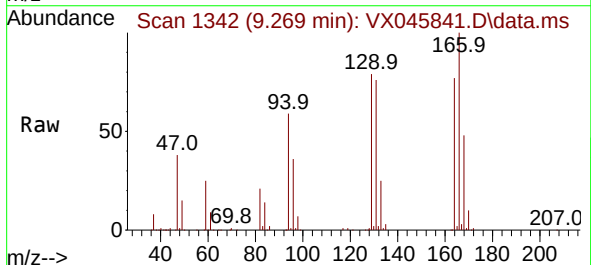
Manual Integrations
APPROVED

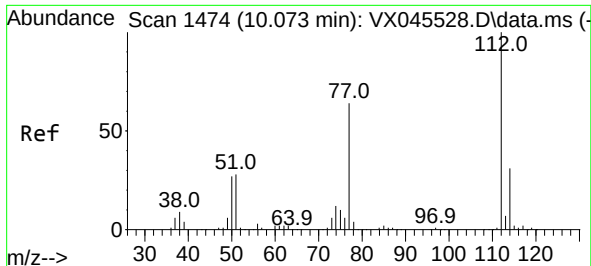
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#64
Tetrachloroethene
Concen: 48.734 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

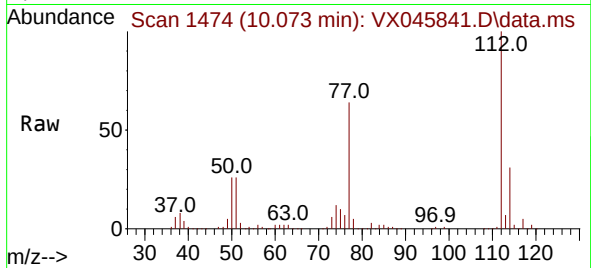
Tgt Ion:164 Resp: 50939
Ion Ratio Lower Upper
164 100
166 130.3 103.8 155.8
129 103.6 84.3 126.5
131 99.2 80.9 121.3





#65
Chlorobenzene
Concen: 50.405 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

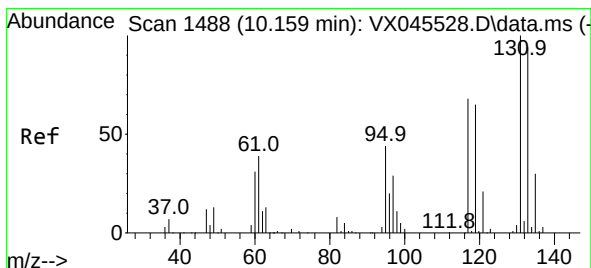
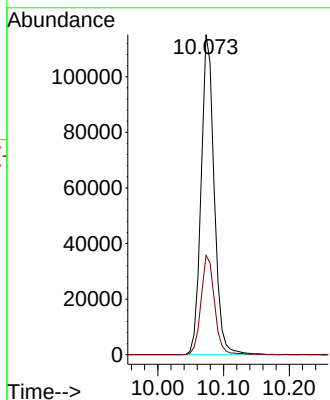
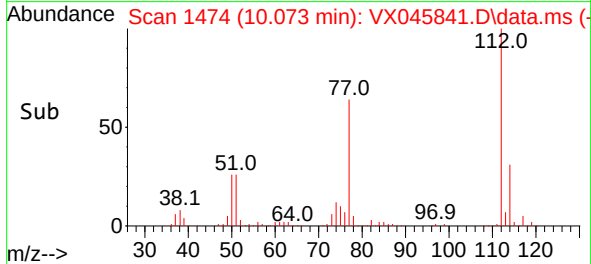
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



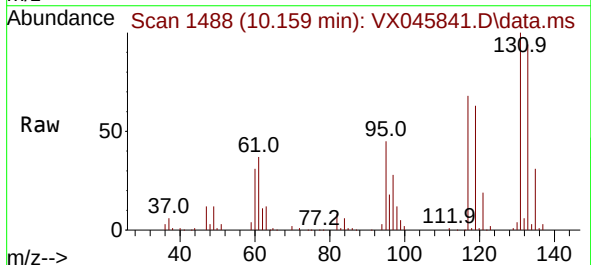
Tgt Ion:112 Resp: 159456
Ion Ratio Lower Upper
112 100
114 31.0 24.7 37.1

Manual Integrations
APPROVED

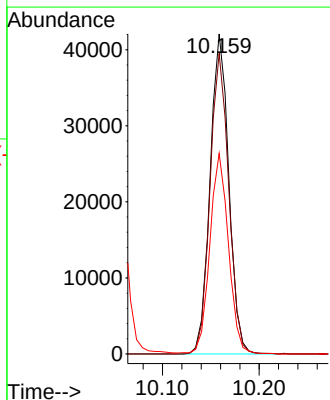
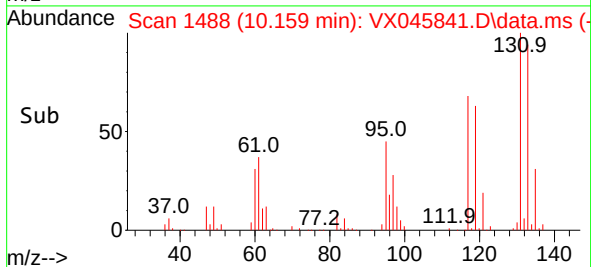
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

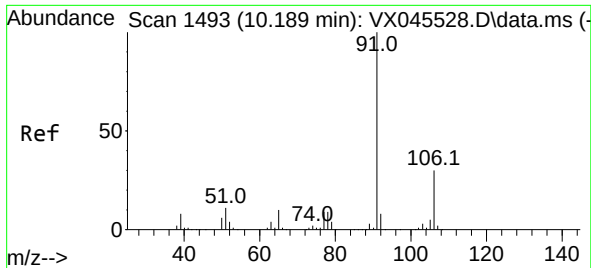


#66
1,1,1,2-Tetrachloroethane
Concen: 51.402 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34



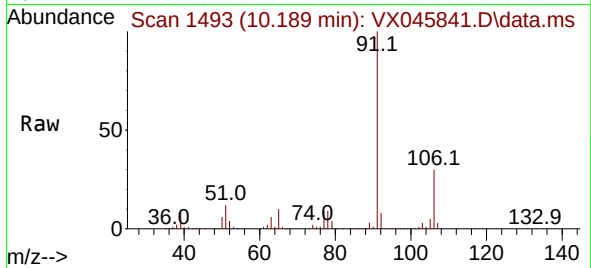
Tgt Ion:131 Resp: 56456
Ion Ratio Lower Upper
131 100
133 94.2 47.5 142.5
119 62.6 32.9 98.6





#67
Ethyl Benzene
Concen: 51.288 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

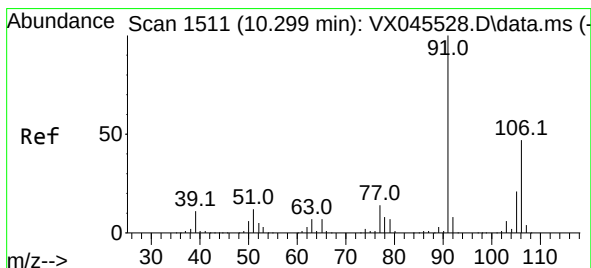
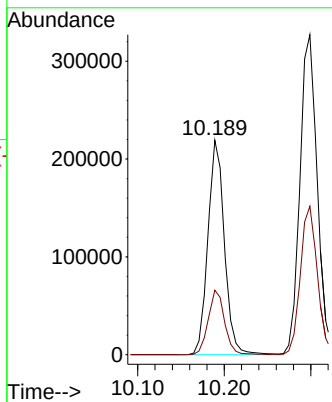
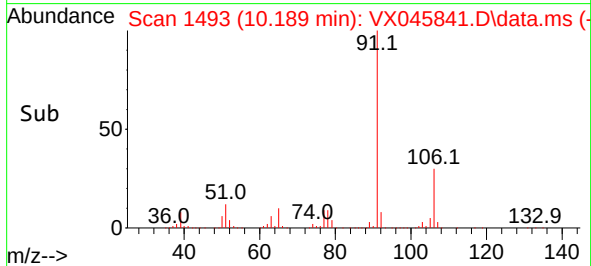
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 290594
Ion Ratio Lower Upper
91 100
106 30.1 23.7 35.5

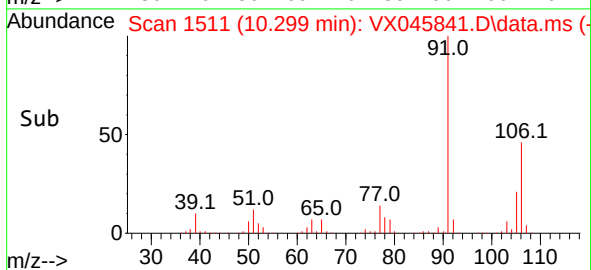
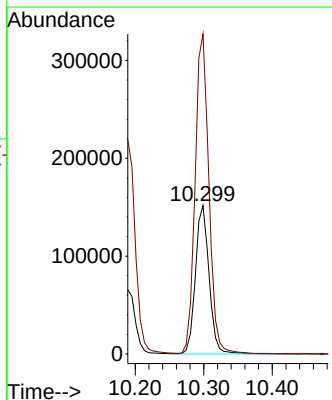
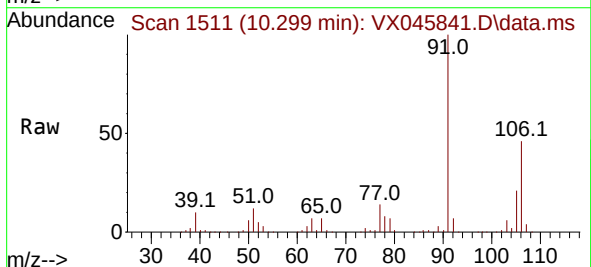
Manual Integrations
APPROVED

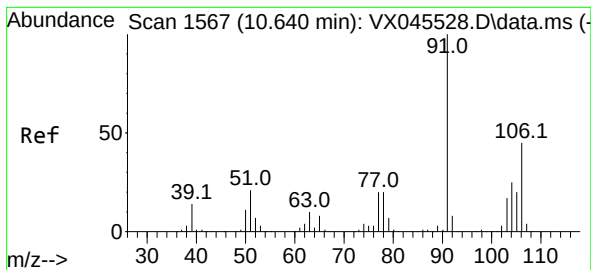
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#68
m/p-Xylenes
Concen: 101.670 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

Tgt Ion:106 Resp: 209515
Ion Ratio Lower Upper
106 100
91 218.9 172.6 258.8





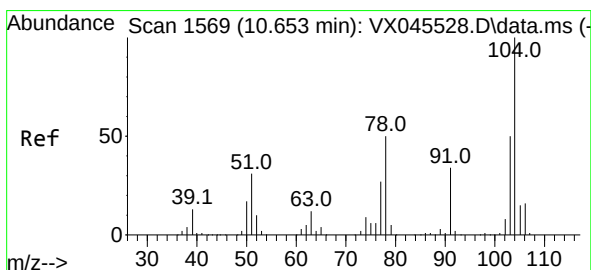
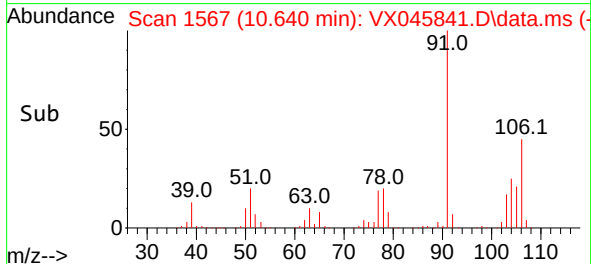
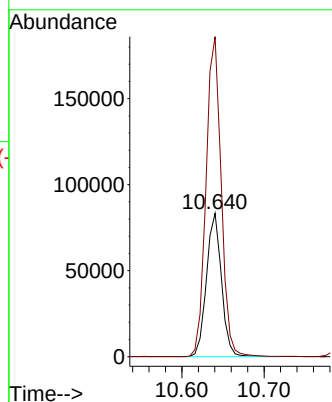
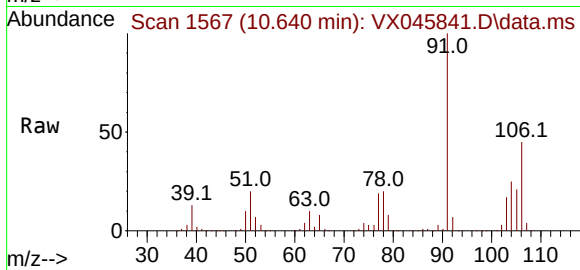
#69
o-Xylene
Concen: 52.018 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 105598
Ion Ratio Lower Upper
106 100
91 225.7 113.6 340.6

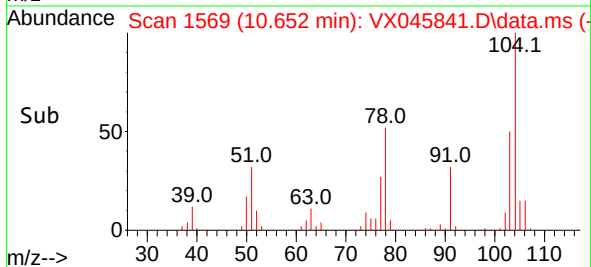
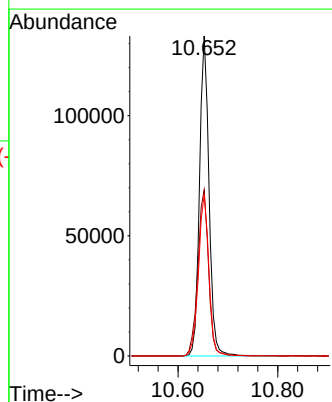
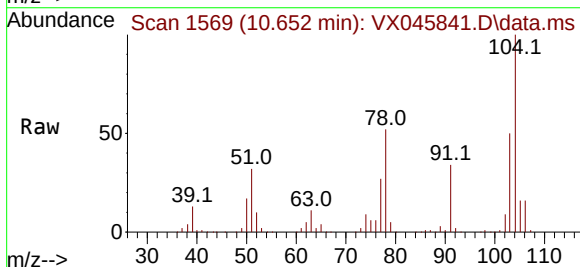
Manual Integrations
APPROVED

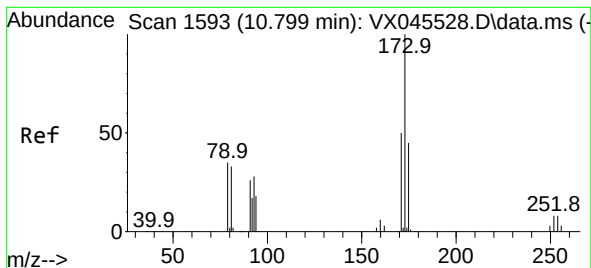
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#70
Styrene
Concen: 52.665 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

Tgt Ion:104 Resp: 176455
Ion Ratio Lower Upper
104 100
78 58.4 45.4 68.2
103 55.6 43.8 65.8





#71

Bromoform

Concen: 54.862 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX045841.D

Acq: 18 Apr 2025 08:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

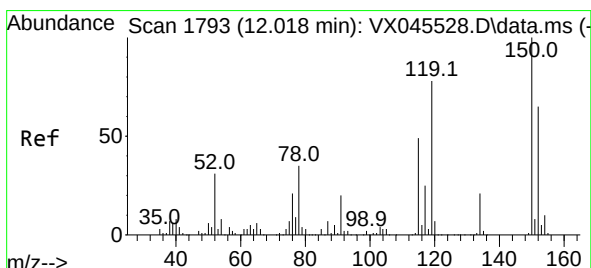
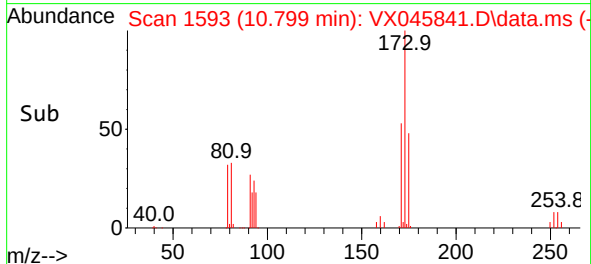
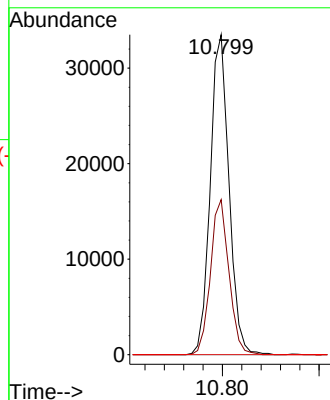
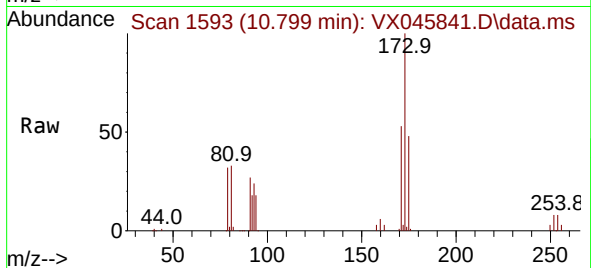
Tgt Ion:173	Resp:	4499
Ion Ratio	Lower	Upper
173	100	
175	47.9	23.4 70.2
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2025

Supervised By :Mahesh Dadoda 04/21/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

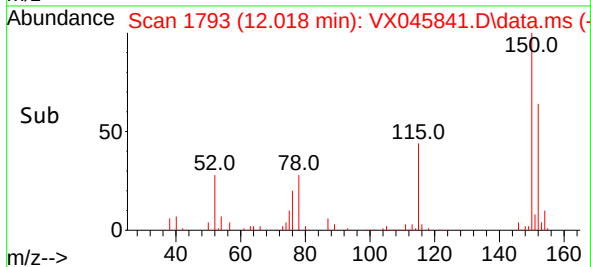
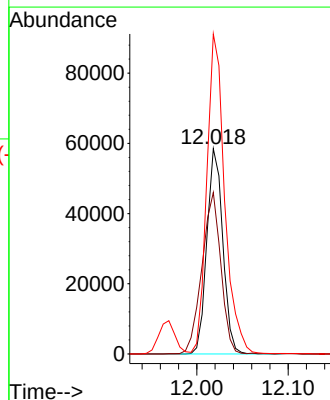
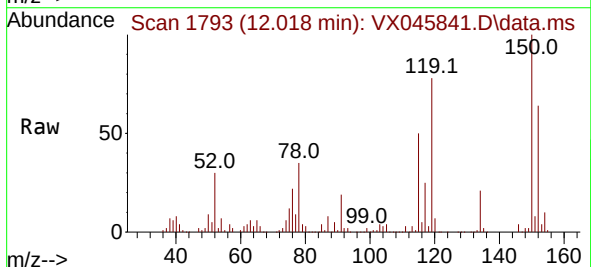
RT: 12.018 min Scan# 1793

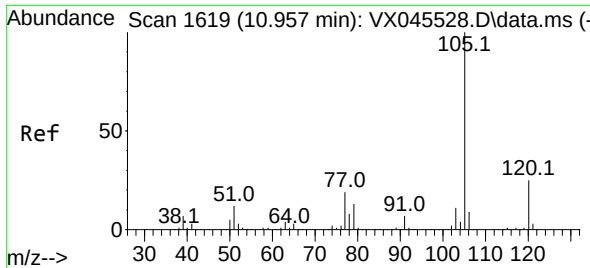
Delta R.T. -0.000 min

Lab File: VX045841.D

Acq: 18 Apr 2025 08:34

Tgt Ion:152	Resp:	70757
Ion Ratio	Lower	Upper
152	100	
115	93.6	46.9 140.7
150	173.9	0.0 349.4





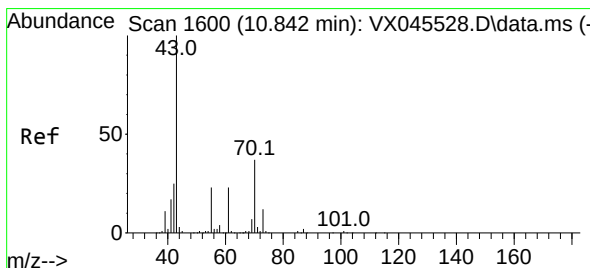
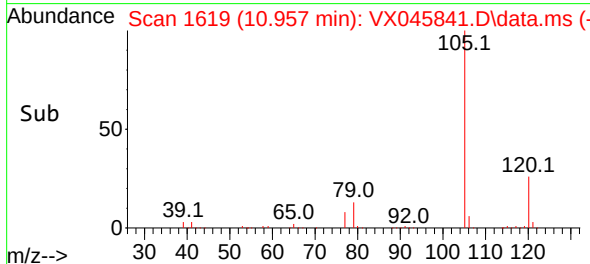
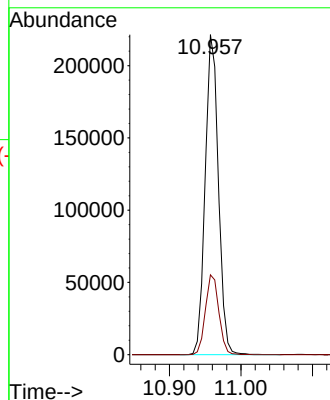
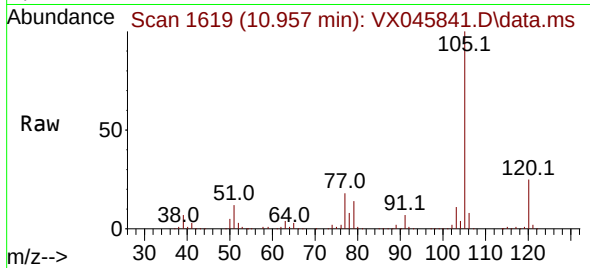
#73
Isopropylbenzene
Concen: 50.100 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 283952
Ion Ratio Lower Upper
105 100
120 25.4 12.7 38.0

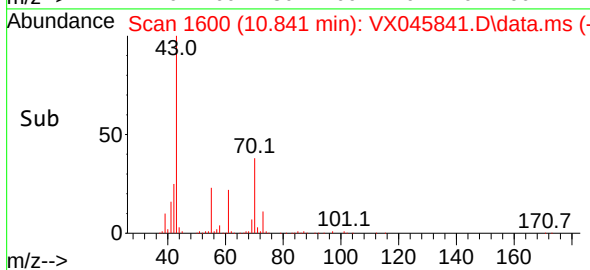
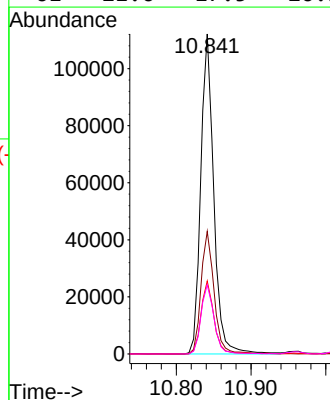
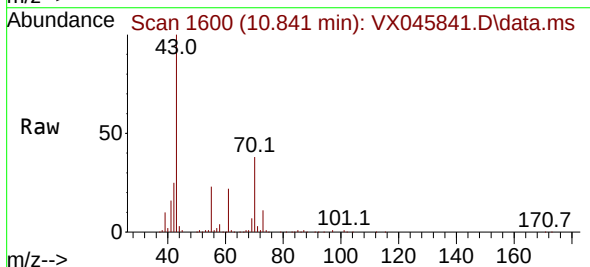
Manual Integrations
APPROVED

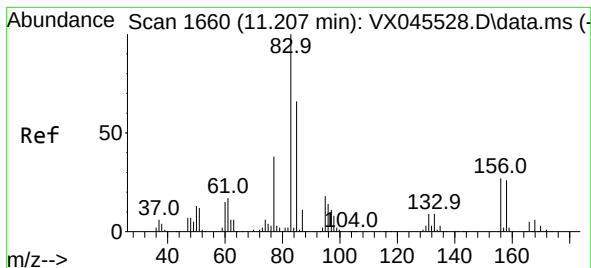
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#74
N-ethyl acetate
Concen: 50.028 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

Tgt Ion: 43 Resp: 135632
Ion Ratio Lower Upper
43 100
70 38.6 30.1 45.1
55 22.7 18.3 27.5
61 21.6 17.5 26.3





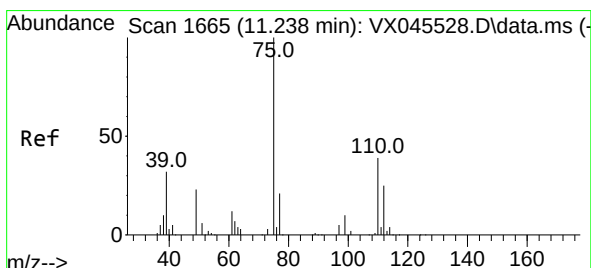
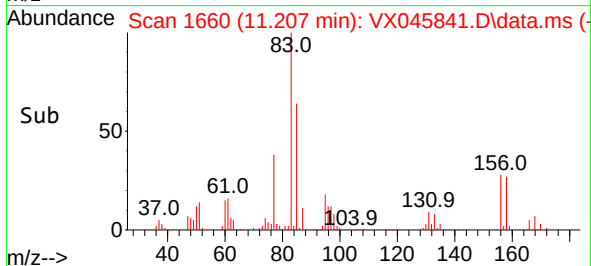
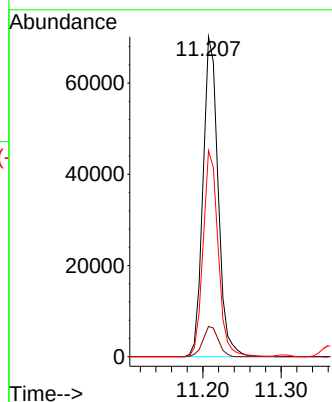
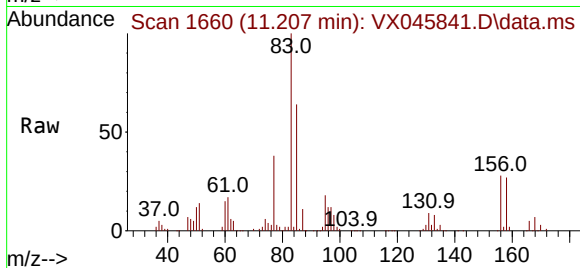
#75
1,1,2,2-Tetrachloroethane
Concen: 47.161 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 93898
Ion Ratio Lower Upper
83 100
131 9.7 4.7 14.1
85 64.1 32.4 97.2

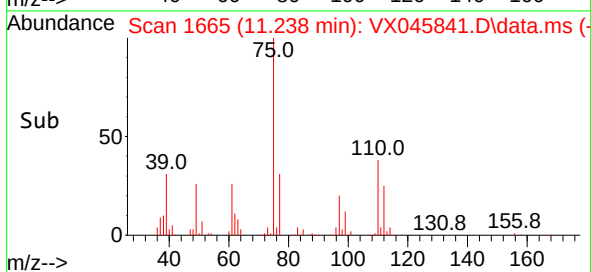
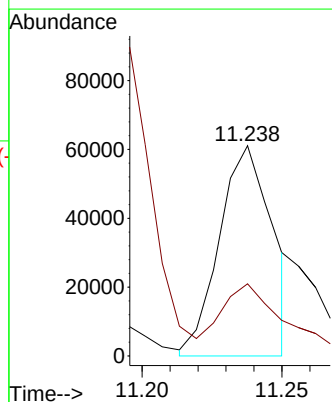
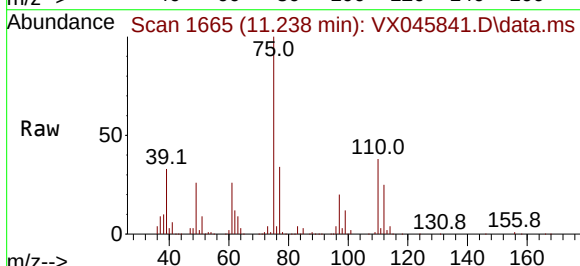
Manual Integrations
APPROVED

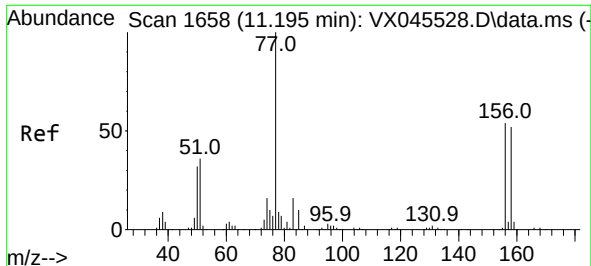
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#76
1,2,3-Trichloropropane
Concen: 46.683 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

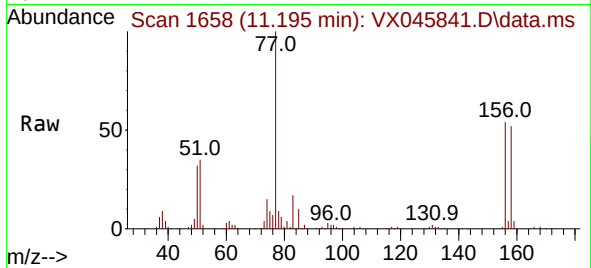
Tgt Ion: 75 Resp: 80571
Ion Ratio Lower Upper
75 100
77 41.8 20.0 59.9





#77
Bromobenzene
Concen: 48.776 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

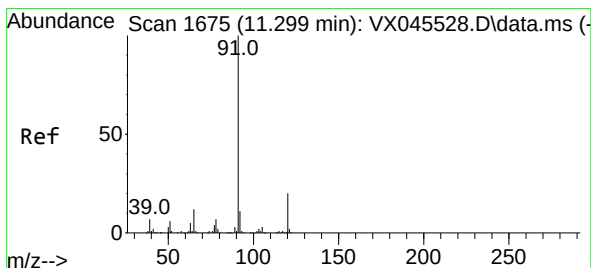
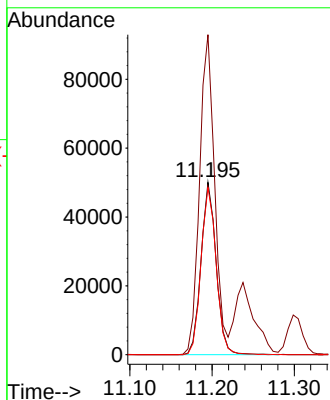
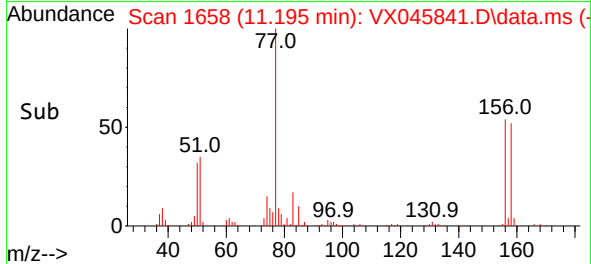
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



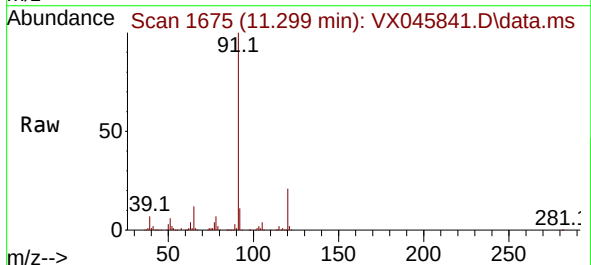
Tgt Ion:156 Resp: 63874
Ion Ratio Lower Upper
156 100
77 185.8 92.6 277.8
158 97.8 48.1 144.4

Manual Integrations
APPROVED

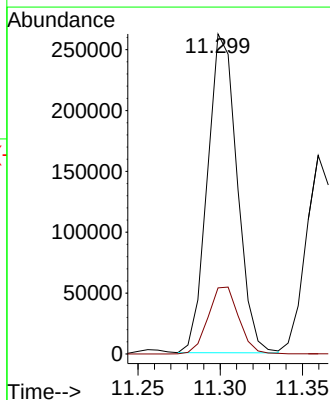
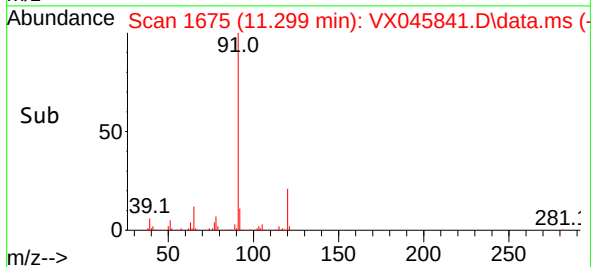
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

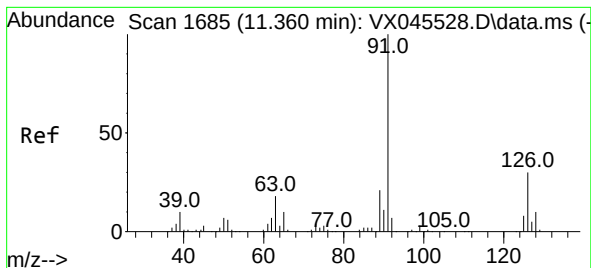


#78
n-propylbenzene
Concen: 50.387 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34



Tgt Ion: 91 Resp: 328940
Ion Ratio Lower Upper
91 100
120 21.7 10.8 32.3





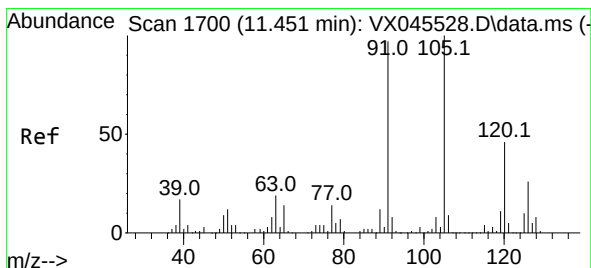
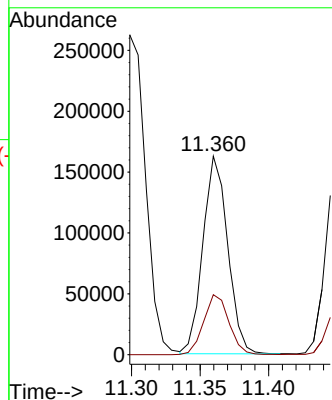
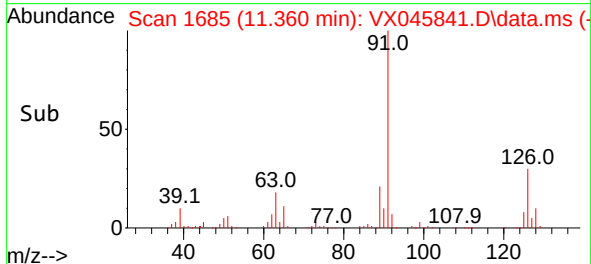
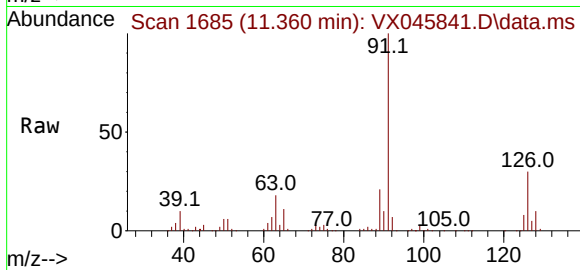
#79
2-Chlorotoluene
Concen: 49.074 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 204810
Ion Ratio Lower Upper
91 100
126 31.0 15.8 47.4

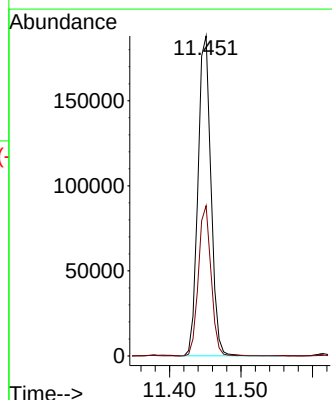
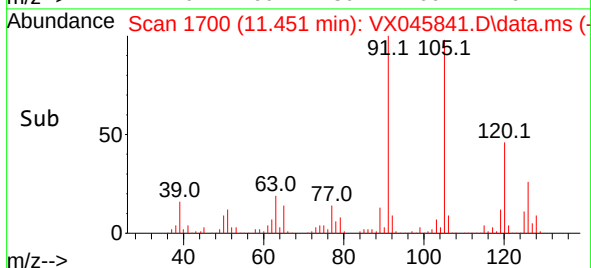
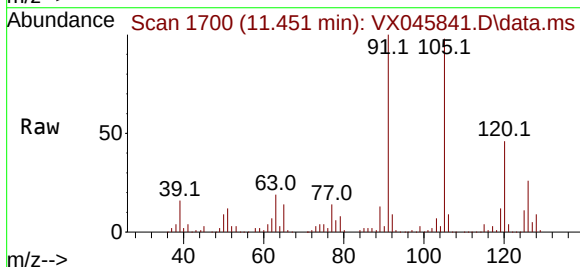
Manual Integrations
APPROVED

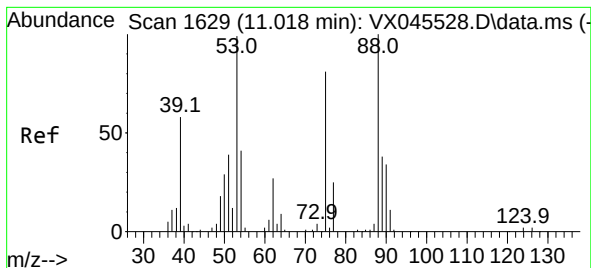
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#80
1,3,5-Trimethylbenzene
Concen: 50.421 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

Tgt Ion:105 Resp: 236307
Ion Ratio Lower Upper
105 100
120 46.1 23.0 69.0





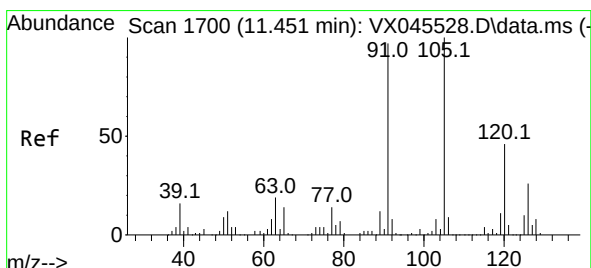
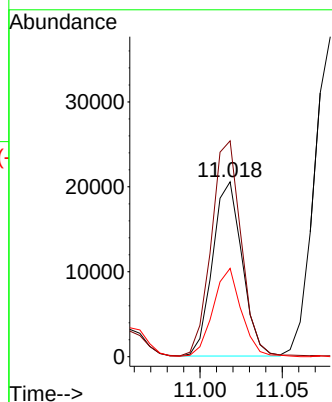
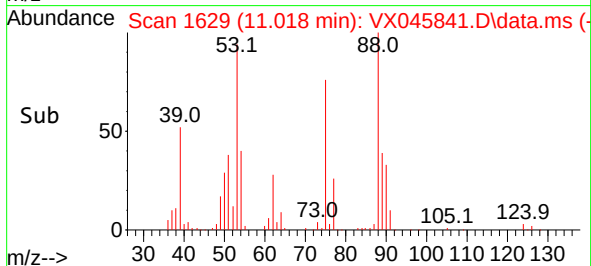
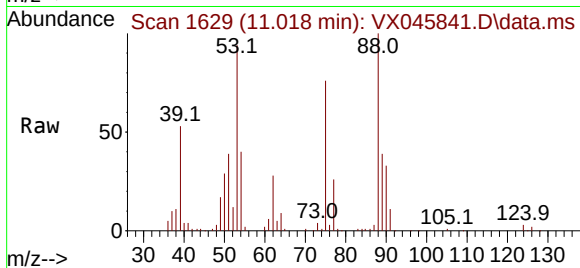
#81
trans-1,4-Dichloro-2-butene
Concen: 50.501 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 2568
Ion Ratio Lower Upper
75 100
53 126.4 101.8 152.6
89 48.6 37.2 55.8

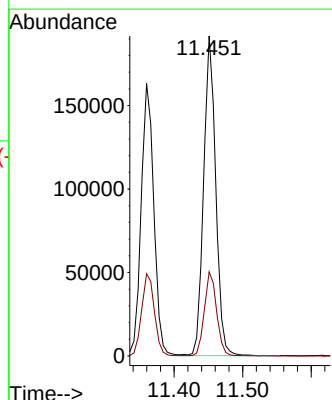
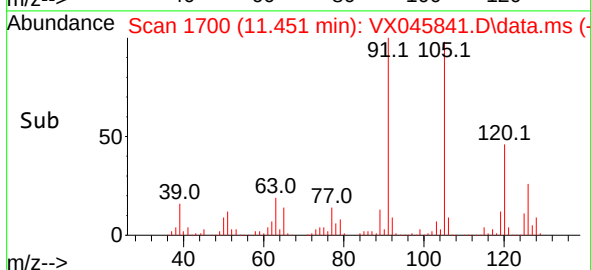
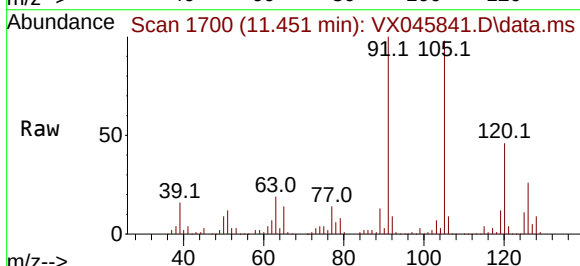
Manual Integrations
APPROVED

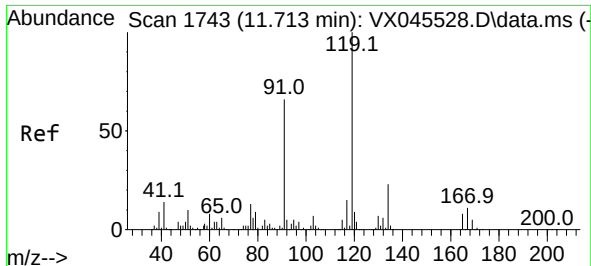
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#82
4-Chlorotoluene
Concen: 50.609 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

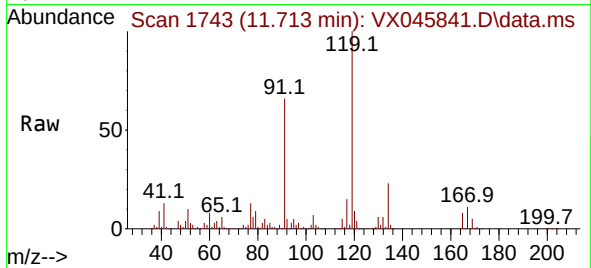
Tgt Ion: 91 Resp: 235494
Ion Ratio Lower Upper
91 100
126 26.9 13.3 39.9





#83
tert-Butylbenzene
Concen: 51.163 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

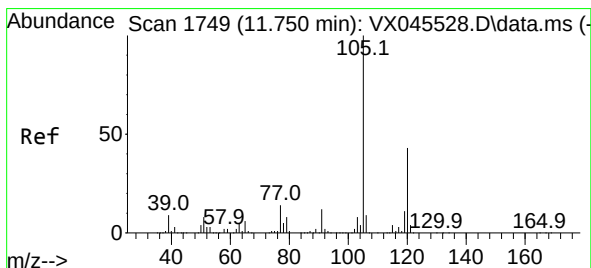
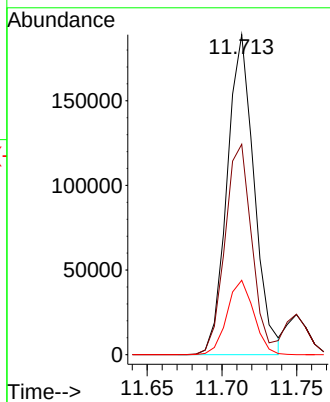
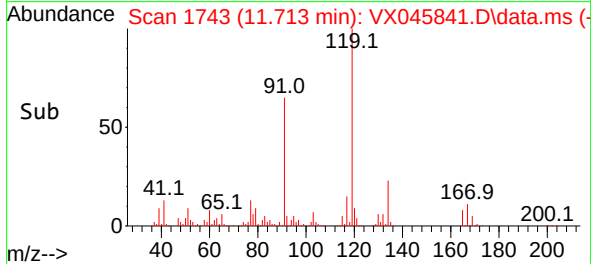
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 237398
Ion Ratio Lower Upper
119 100
91 64.9 32.4 97.2
134 23.0 11.5 34.5

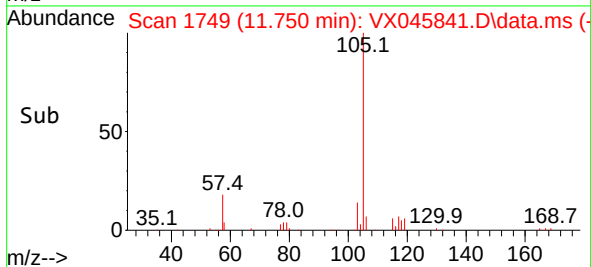
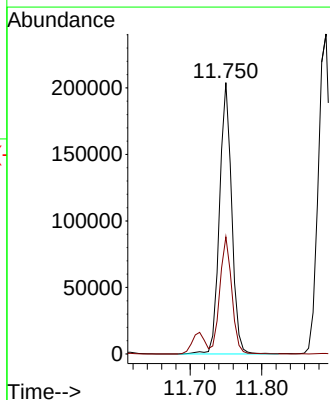
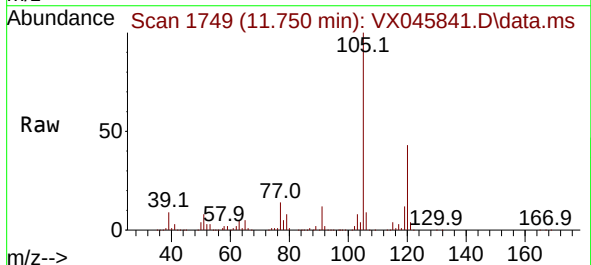
Manual Integrations
APPROVED

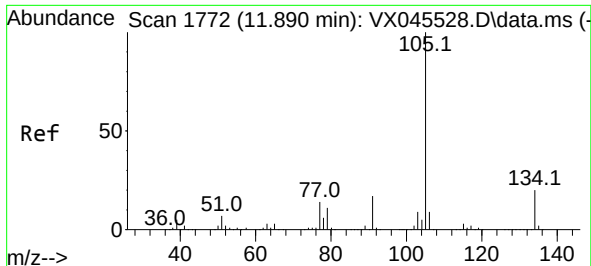
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#84
1,2,4-Trimethylbenzene
Concen: 51.207 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

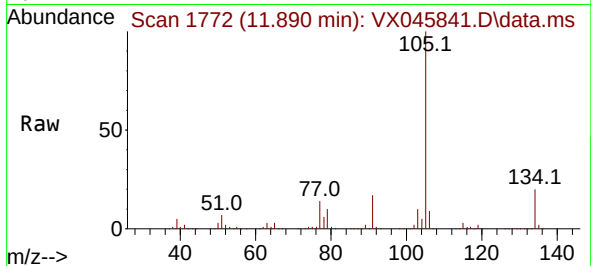
Tgt Ion:105 Resp: 240877
Ion Ratio Lower Upper
105 100
120 42.5 21.4 64.3





#85
 sec-Butylbenzene
 Concen: 52.018 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX045841.D
 Acq: 18 Apr 2025 08:34

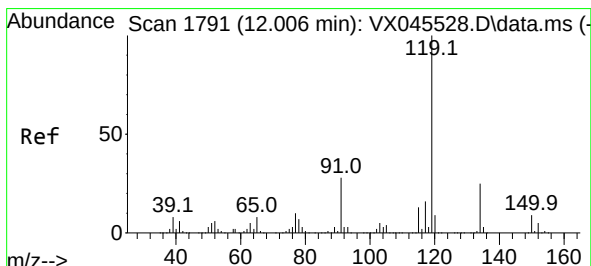
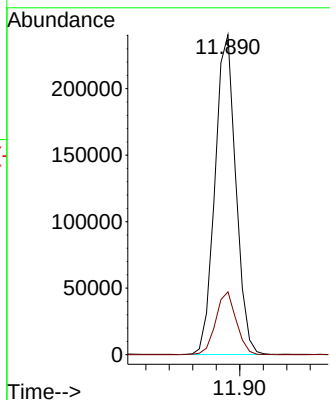
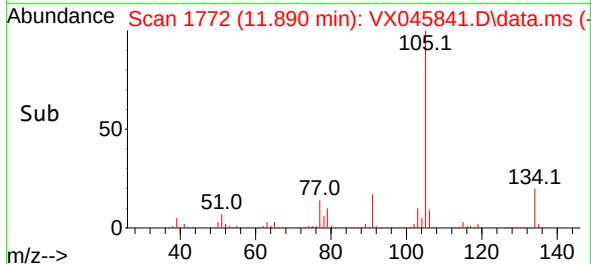
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



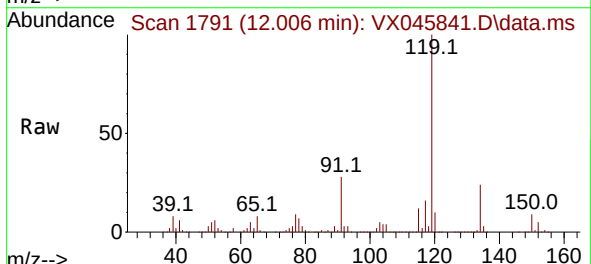
Tgt Ion:105 Resp: 296454
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.6 28.6

Manual Integrations
 APPROVED

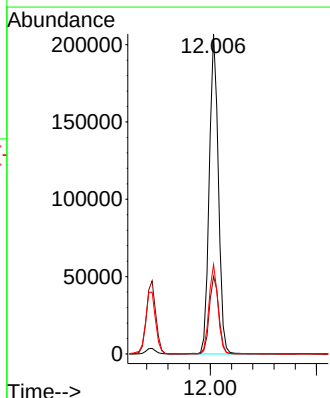
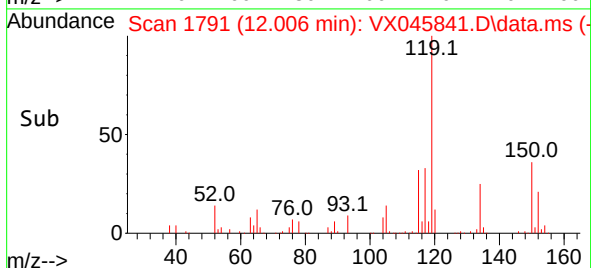
Reviewed By :John Carlone 04/21/2025
 Supervised By :Mahesh Dadoda 04/21/2025

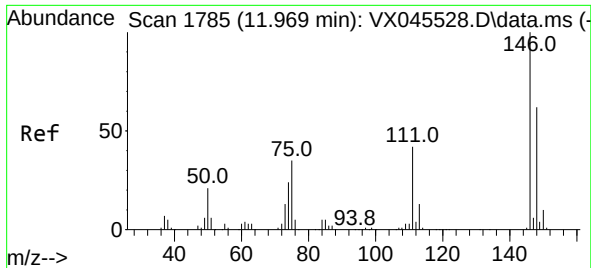


#86
 p-Isopropyltoluene
 Concen: 52.149 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045841.D
 Acq: 18 Apr 2025 08:34



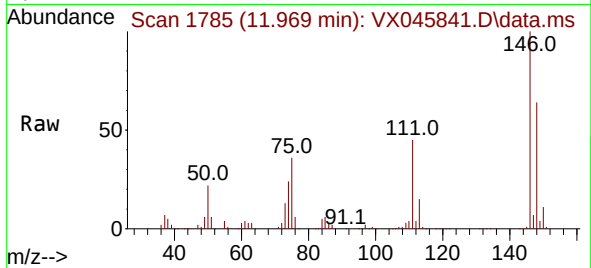
Tgt Ion:119 Resp: 245021
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.6 37.8
 91 27.5 13.7 41.1





#87
1,3-Dichlorobenzene
Concen: 49.766 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

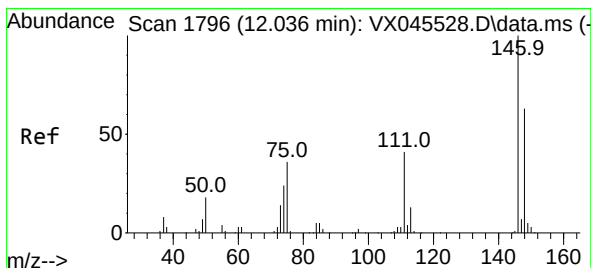
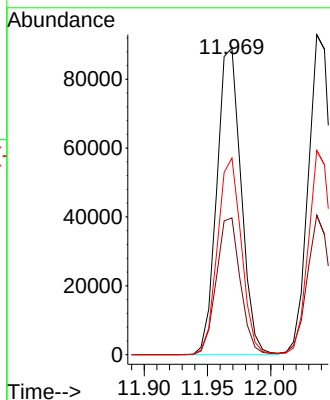
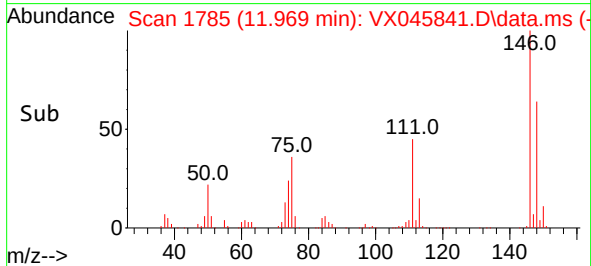
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



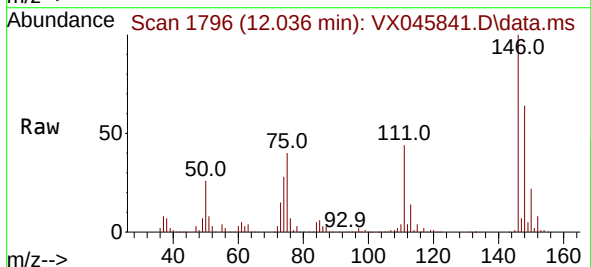
Tgt Ion:146 Resp: 118630
Ion Ratio Lower Upper
146 100
111 44.3 22.2 66.6
148 63.4 31.9 95.7

Manual Integrations
APPROVED

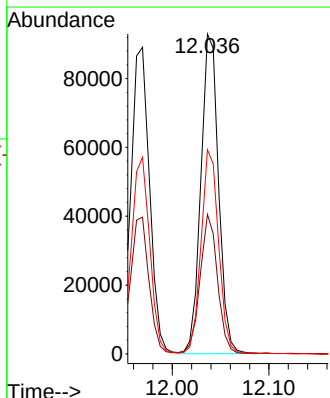
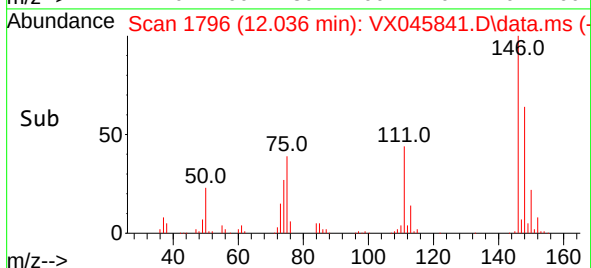
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

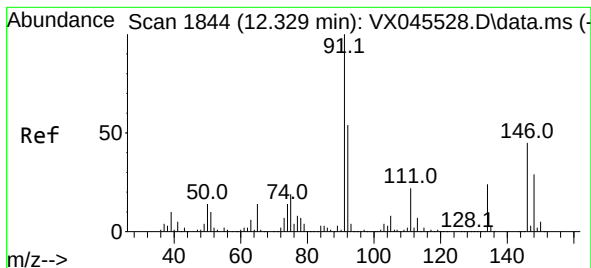


#88
1,4-Dichlorobenzene
Concen: 48.967 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34



Tgt Ion:146 Resp: 118336
Ion Ratio Lower Upper
146 100
111 42.9 20.9 62.8
148 64.0 31.5 94.5





#89

n-Butylbenzene

Concen: 55.466 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX045841.D

Acq: 18 Apr 2025 08:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 22598

Ion Ratio Lower Upper

91 100

92 53.6 26.9 80.6

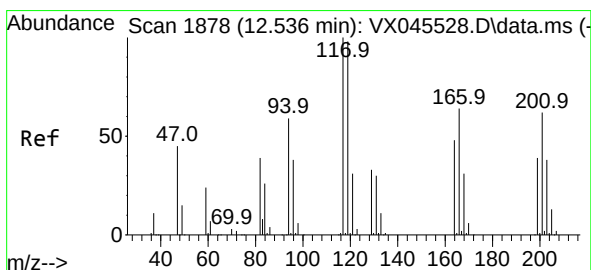
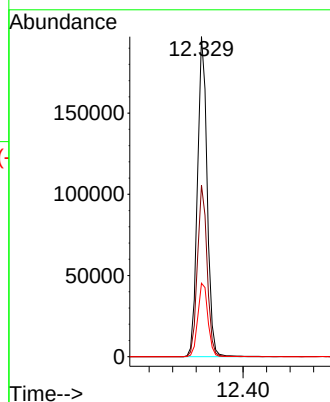
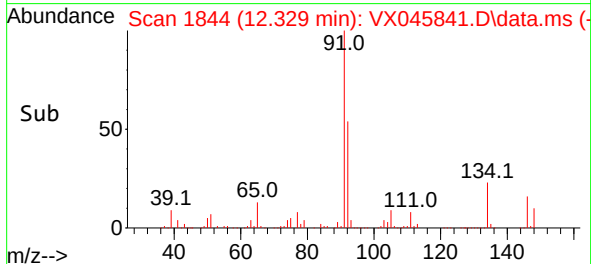
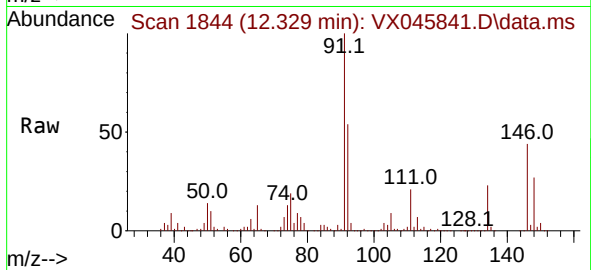
134 24.0 11.9 35.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2025

Supervised By :Mahesh Dadoda 04/21/2025



#90

Hexachloroethane

Concen: 54.783 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX045841.D

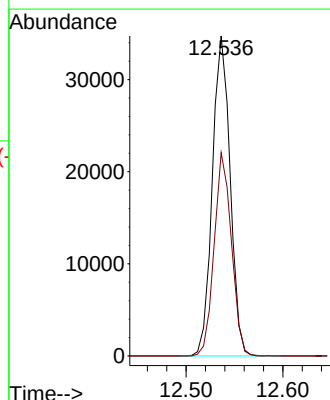
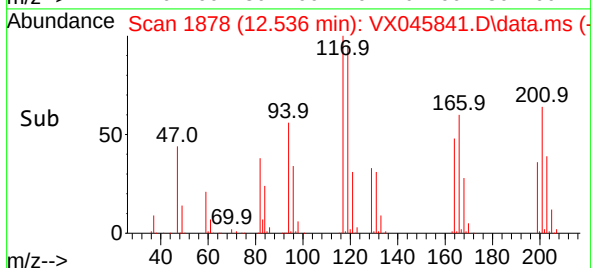
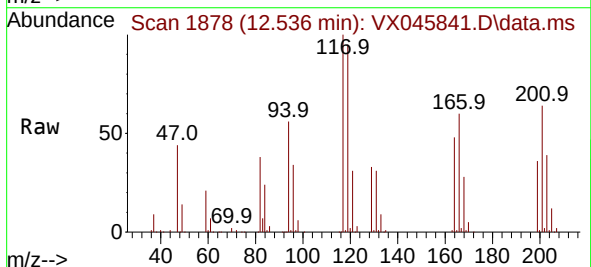
Acq: 18 Apr 2025 08:34

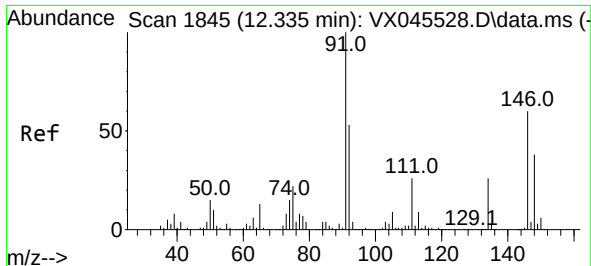
Tgt Ion:117 Resp: 44236

Ion Ratio Lower Upper

117 100

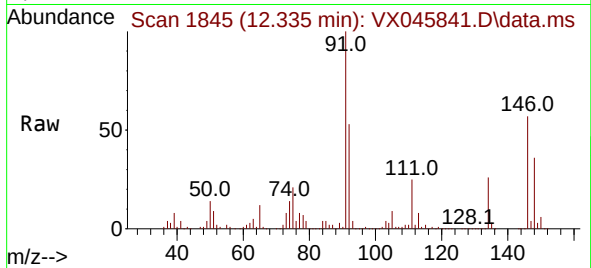
201 61.8 31.2 93.6





#91
1,2-Dichlorobenzene
Concen: 50.750 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

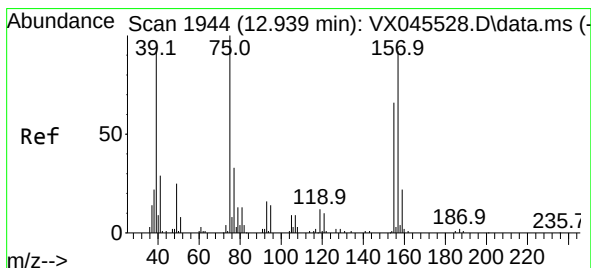
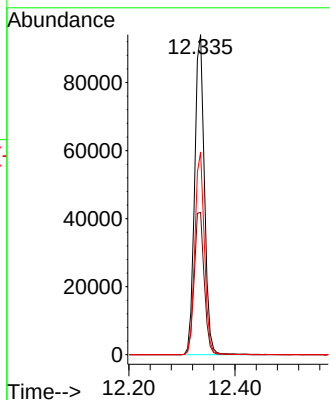
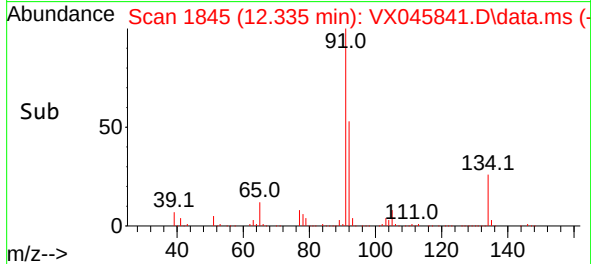
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 120270
Ion Ratio Lower Upper
146 100
111 45.5 22.9 68.8
148 62.0 31.9 95.5

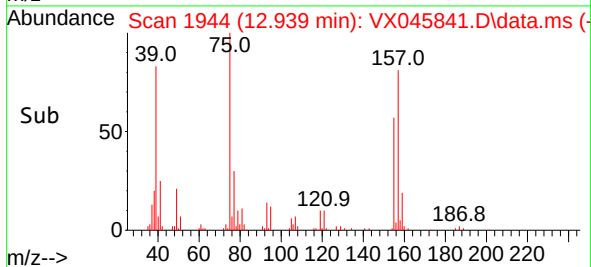
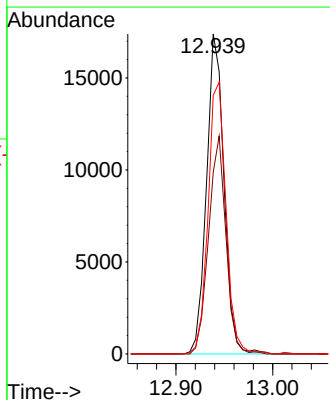
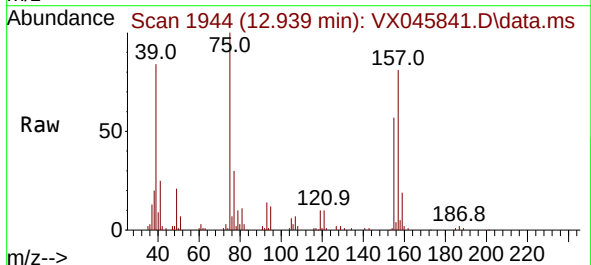
Manual Integrations
APPROVED

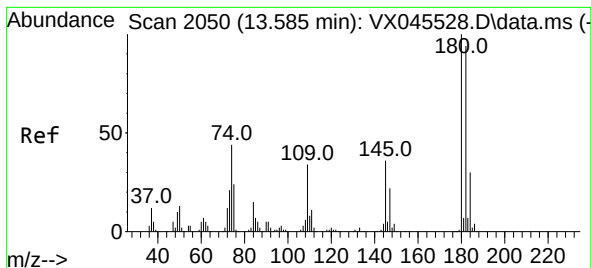
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.694 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045841.D
Acq: 18 Apr 2025 08:34

Tgt Ion: 75 Resp: 21941
Ion Ratio Lower Upper
75 100
155 67.3 34.9 104.7
157 86.9 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 54.283 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX045841.D

Acq: 18 Apr 2025 08:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

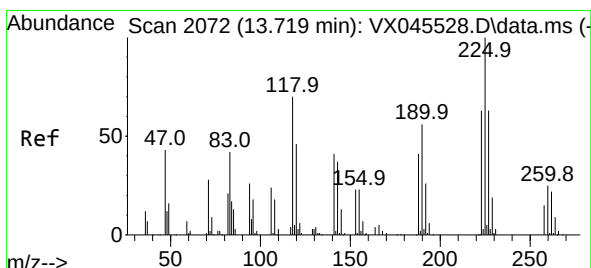
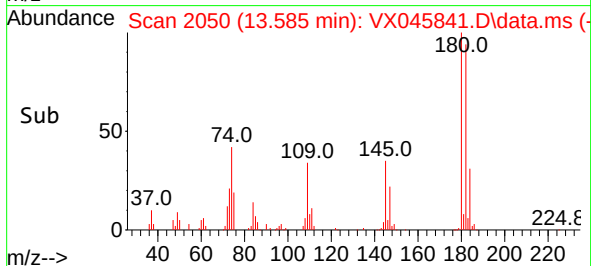
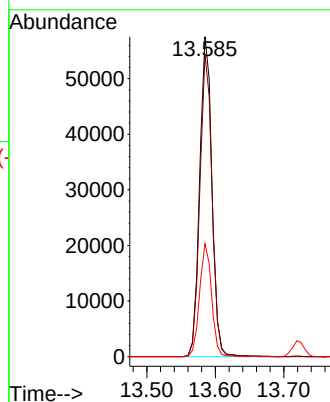
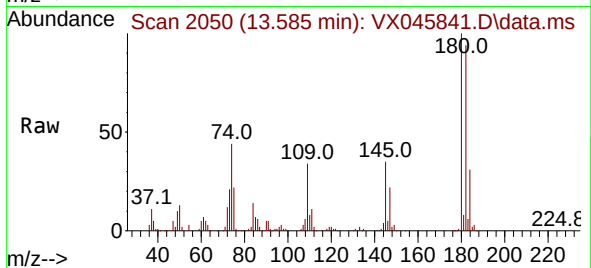
Tgt Ion:180	Resp:	71610
Ion Ratio	Lower	Upper
180	100	
182	94.5	47.9 143.6
145	34.5	17.9 53.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2025

Supervised By :Mahesh Dadoda 04/21/2025



#94

Hexachlorobutadiene

Concen: 53.972 ug/l

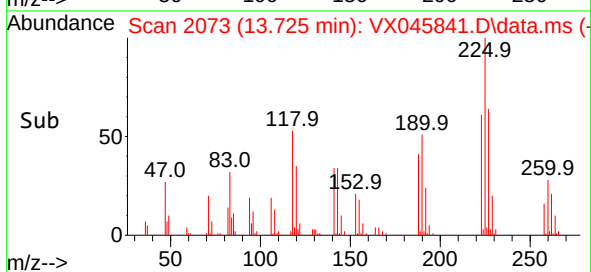
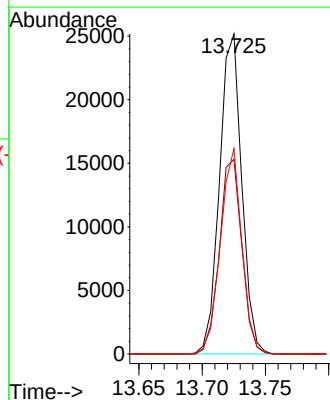
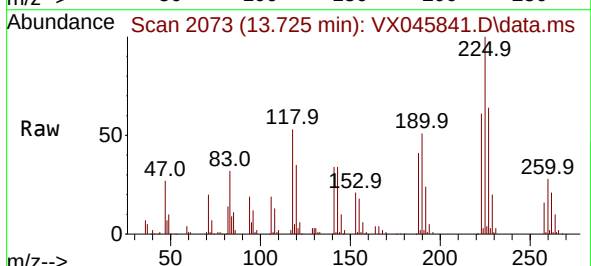
RT: 13.725 min Scan# 2073

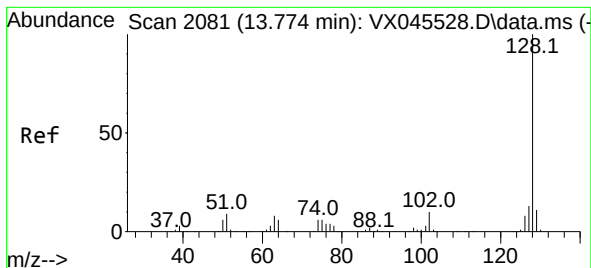
Delta R.T. 0.006 min

Lab File: VX045841.D

Acq: 18 Apr 2025 08:34

Tgt Ion:225	Resp:	30681
Ion Ratio	Lower	Upper
225	100	
223	61.7	31.1 93.3
227	61.8	32.2 96.6





#95

Naphthalene

Concen: 51.825 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX045841.D

Acq: 18 Apr 2025 08:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 25442

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

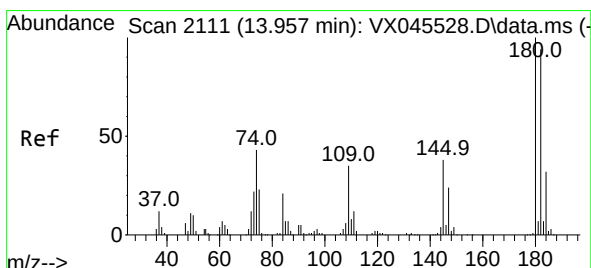
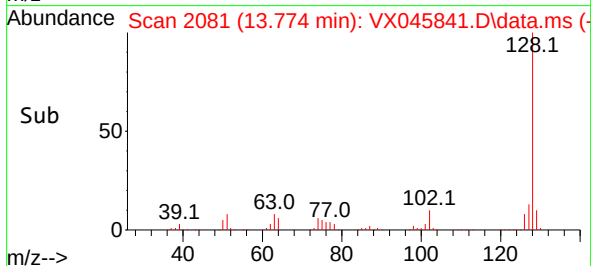
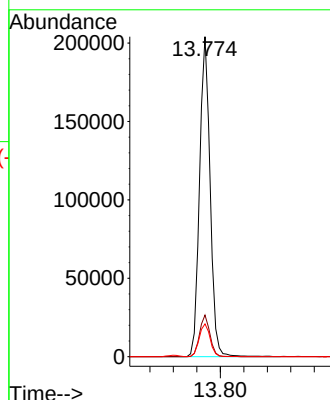
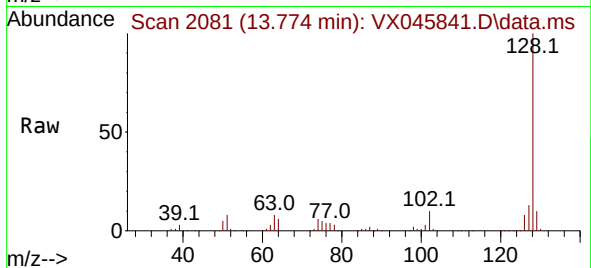
129 10.7 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2025

Supervised By :Mahesh Dadoda 04/21/2025



#96

1,2,3-Trichlorobenzene

Concen: 52.541 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX045841.D

Acq: 18 Apr 2025 08:34

Tgt Ion:180 Resp: 72578

Ion Ratio Lower Upper

180 100

182 94.4 47.3 141.8

145 36.2 18.2 54.6

