

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082725\
 Data File : VX047534.D
 Acq On : 27 Aug 2025 12:23
 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 08/28/2025
 Supervised By : Mahesh Dadoda 08/28/2025

Quant Time: Aug 28 01:16:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	222169	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	378947	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	341098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	165835	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	154225	49.601	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.200%		
35) Dibromofluoromethane	5.385	113	126183	51.306	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.620%		
50) Toluene-d8	8.647	98	427485	48.630	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.260%		
62) 4-Bromofluorobenzene	11.079	95	162870	50.208	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.420%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	124097	43.817	ug/l	98
3) Chloromethane	1.307	50	116353	45.668	ug/l	99
4) Vinyl Chloride	1.392	62	146593	45.841	ug/l	99
5) Bromomethane	1.618	94	73811	57.144	ug/l	100
6) Chloroethane	1.703	64	89503	45.745	ug/l	96
7) Trichlorofluoromethane	1.904	101	217633	46.010	ug/l	98
8) Diethyl Ether	2.142	74	87092	52.291	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.343	101	132945	48.452	ug/l	99
10) Methyl Iodide	2.465	142	191532	40.733	ug/l	99
11) Tert butyl alcohol	2.959	59	79333	293.290	ug/l	100
12) 1,1-Dichloroethene	2.331	96	131959	47.174	ug/l	97
13) Acrolein	2.246	56	153857	269.452	ug/l	99
14) Allyl chloride	2.678	41	249873	51.430	ug/l	98
15) Acrylonitrile	3.075	53	348380	266.535	ug/l	99
16) Acetone	2.386	43	348083	297.828	ug/l	99
17) Carbon Disulfide	2.526	76	342306	40.552	ug/l	99
18) Methyl Acetate	2.709	43	185025	61.091	ug/l	97
19) Methyl tert-butyl Ether	3.124	73	462843	54.389	ug/l	99
20) Methylene Chloride	2.800	84	154782	50.013	ug/l	96
21) trans-1,2-Dichloroethene	3.105	96	142363	47.951	ug/l	99
22) Diisopropyl ether	3.764	45	526875	54.861	ug/l	88
23) Vinyl Acetate	3.727	43	2084597	264.823	ug/l	100
24) 1,1-Dichloroethane	3.617	63	280821	51.733	ug/l	98
25) 2-Butanone	4.556	43	439548	287.161	ug/l	99
26) 2,2-Dichloropropane	4.483	77	216347	52.805	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	175339	50.705	ug/l	100
28) Bromochloromethane	4.904	49	119984	53.117	ug/l	99
29) Tetrahydrofuran	5.013	42	260343	263.151	ug/l	99
30) Chloroform	5.099	83	286717	51.754	ug/l	100
31) Cyclohexane	5.477	56	214185	42.803	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	238193	49.952	ug/l	99
36) 1,1-Dichloropropene	5.696	75	182224	46.936	ug/l	99
37) Ethyl Acetate	4.715	43	185213	45.953	ug/l	98
38) Carbon Tetrachloride	5.684	117	200634	47.291	ug/l	96
39) Methylcyclohexane	7.379	83	197937	40.874	ug/l	96
40) Benzene	6.038	78	579597	49.877	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	88756	52.221	ug/l	98
42) 1,2-Dichloroethane	6.086	62	213105	51.773	ug/l	100
43) Isopropyl Acetate	6.336	43	305252	52.719	ug/l	99
44) Trichloroethene	7.123	130	146092	49.098	ug/l	97
45) 1,2-Dichloropropane	7.428	63	152664	52.440	ug/l	98
46) Dibromomethane	7.580	93	109137	51.638	ug/l	98
47) Bromodichloromethane	7.818	83	231021	52.726	ug/l	99
48) Methyl methacrylate	7.690	41	157136	52.284	ug/l	100
49) 1,4-Dioxane	7.671	88	37373	1279.159	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	888010	266.511	ug/l	99
52) Toluene	8.714	92	360456	50.198	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	215707	56.409	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	237389	54.845	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	141724	51.983	ug/l	99
56) Ethyl methacrylate	9.116	69	218464	54.350	ug/l	98
57) 1,3-Dichloropropane	9.305	76	246185	52.992	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	510467	265.419	ug/l	99
59) 2-Hexanone	9.427	43	621110	269.484	ug/l	99
60) Dibromochloromethane	9.519	129	171582	52.957	ug/l	99
61) 1,2-Dibromoethane	9.604	107	144644	51.449	ug/l	99
64) Tetrachloroethene	9.269	164	113074	45.831	ug/l	97
65) Chlorobenzene	10.073	112	408295	50.371	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	145196	52.989	ug/l	100
67) Ethyl Benzene	10.189	91	690184	49.471	ug/l	99
68) m/p-Xylenes	10.299	106	519991	99.958	ug/l	99
69) o-Xylene	10.640	106	254582	50.854	ug/l	98
70) Styrene	10.653	104	445313	52.645	ug/l	100
71) Bromoform	10.799	173	107330	52.139	ug/l #	100
73) Isopropylbenzene	10.957	105	650847	50.152	ug/l	99
74) N-amyl acetate	10.842	43	269701	54.728	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	198563	52.113	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	161753m	53.180	ug/l	
77) Bromobenzene	11.195	156	164901	52.037	ug/l	100
78) n-propylbenzene	11.299	91	761979	49.163	ug/l	100
79) 2-Chlorotoluene	11.360	91	470773	50.247	ug/l	99
80) 1,3,5-Trimethylbenzene	11.445	105	532086	49.832	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	36068	51.302	ug/l	97
82) 4-Chlorotoluene	11.451	91	547675	49.588	ug/l	100
83) tert-Butylbenzene	11.713	119	532814	50.017	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	541908	50.751	ug/l	100
85) sec-Butylbenzene	11.890	105	618145	46.816	ug/l	100
86) p-Isopropyltoluene	12.006	119	527383	47.201	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	298500	49.307	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	306247	49.184	ug/l	100
89) n-Butylbenzene	12.329	91	478608	46.054	ug/l	100
90) Hexachloroethane	12.536	117	96446	49.204	ug/l	99
91) 1,2-Dichlorobenzene	12.329	146	291859	50.791	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	36437	49.449	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	175359	45.522	ug/l	99
94) Hexachlorobutadiene	13.719	225	56962	41.542	ug/l	97
95) Naphthalene	13.774	128	540215	49.072	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	162004	44.616	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

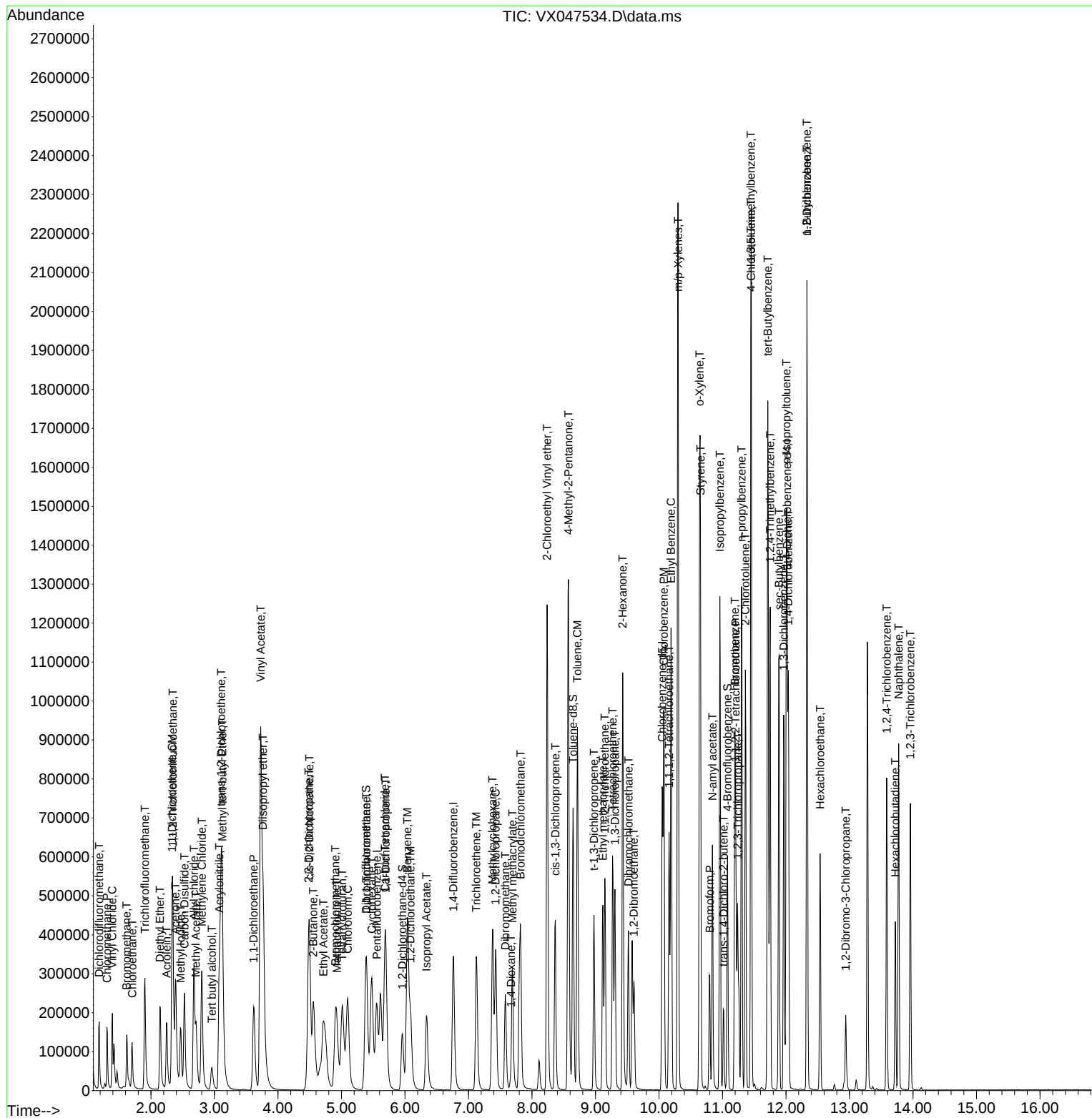
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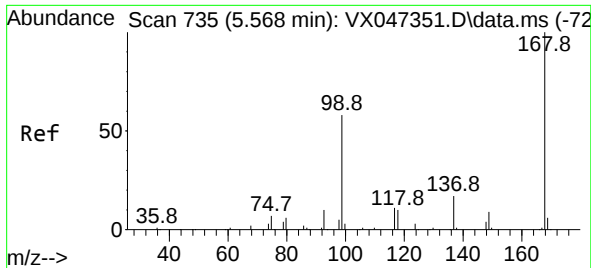
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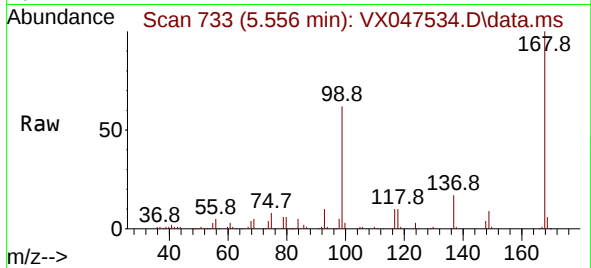
Reviewed By : John Carlone 08/28/2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX047534.D
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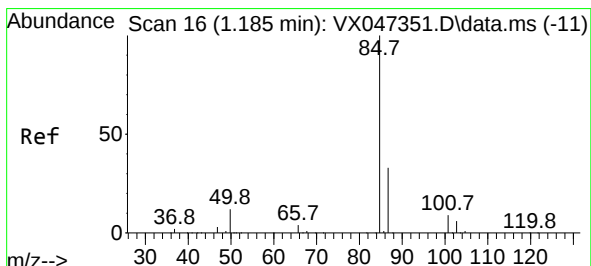
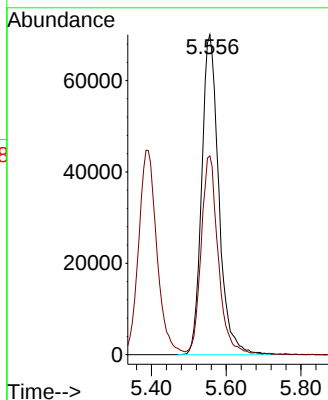
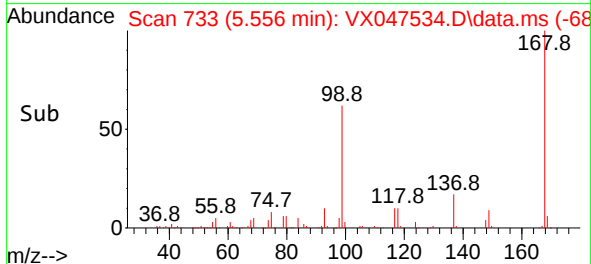
Instrument :
MSVOA_X
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VSTDCCC050



Tgt Ion:168 Resp: 222169
Ion Ratio Lower Upper
168 100
99 61.9 47.9 71.9

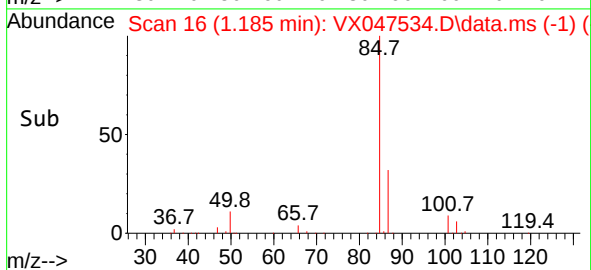
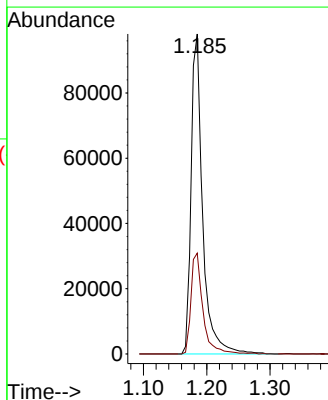
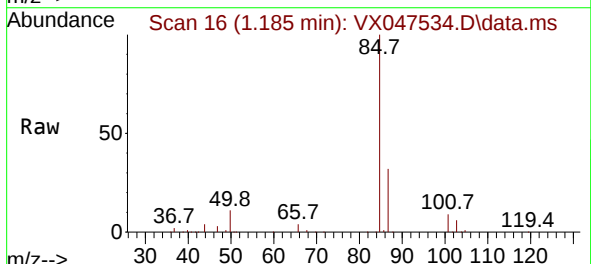
Manual Integrations
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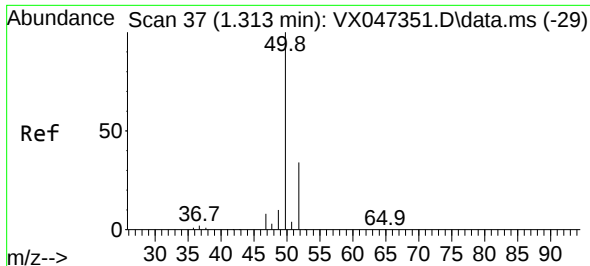
Reviewed By :John Carlone 08/28/2025
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#2
Dichlorodifluoromethane
Concen: 43.817 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

Tgt Ion: 85 Resp: 124097
Ion Ratio Lower Upper
85 100
87 31.5 16.4 49.1





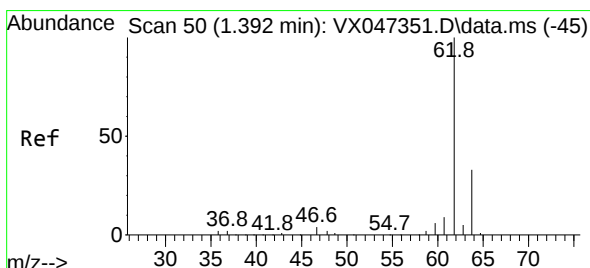
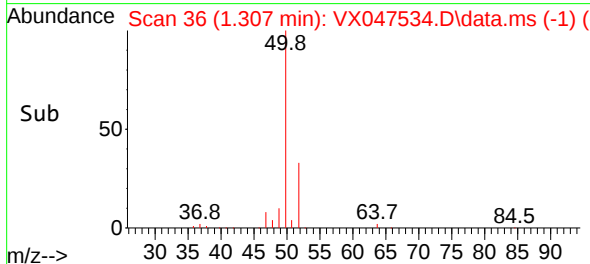
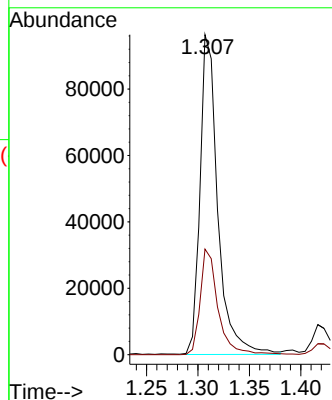
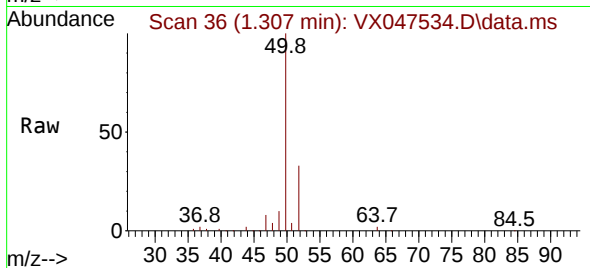
#3
Chloromethane
Concen: 45.668 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.006 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 50 Resp: 11635
Ion Ratio Lower Upper
50 100
52 33.0 27.0 40.4

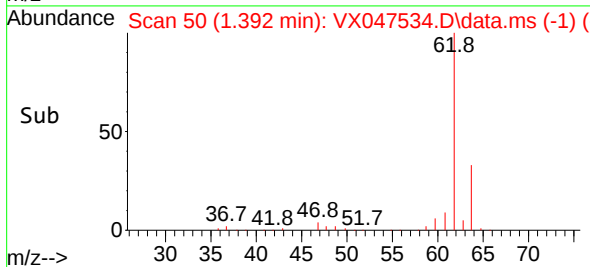
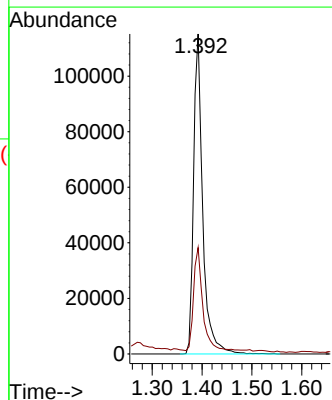
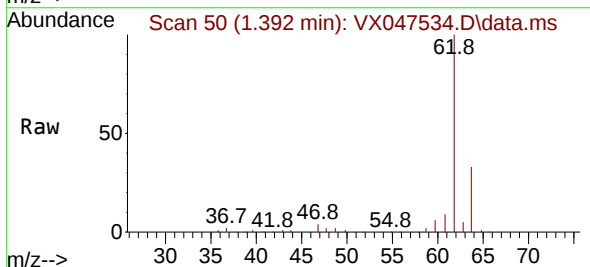
Manual Integrations
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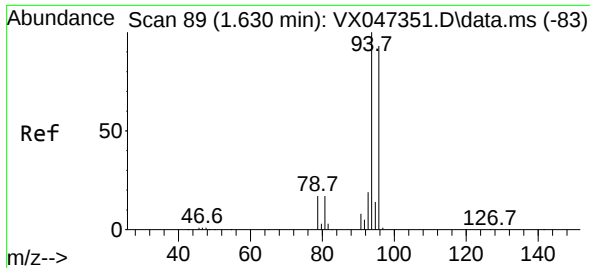
Reviewed By :John Carlone 08/28/2025
Supervised By :Mahesh Dadoda 08/28/2025



#4
Vinyl Chloride
Concen: 45.841 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

Tgt Ion: 62 Resp: 146593
Ion Ratio Lower Upper
62 100
64 32.6 26.5 39.7





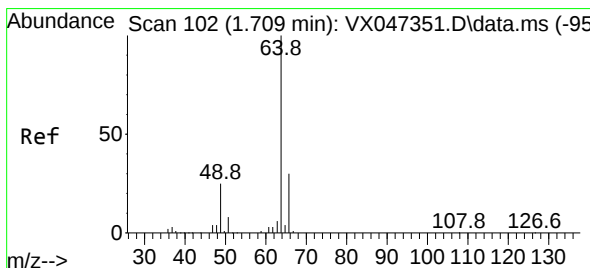
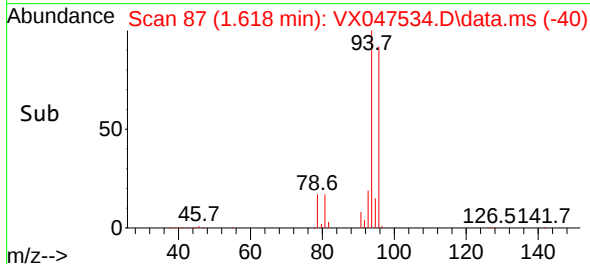
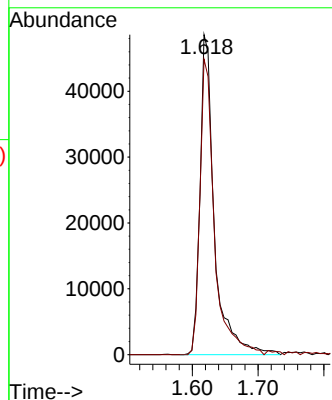
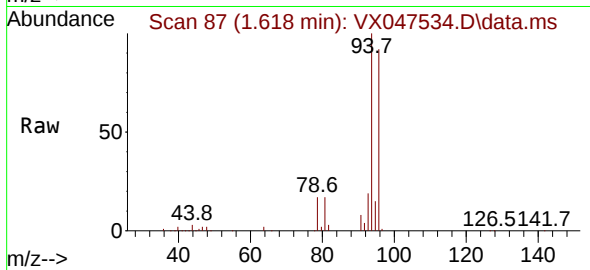
#5
Bromomethane
Concen: 57.144 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.012 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 7381
Ion Ratio Lower Upper
94 100
96 93.5 74.7 112.1

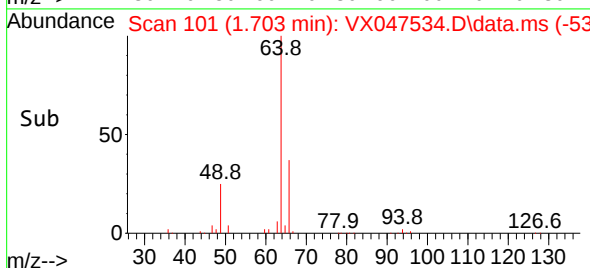
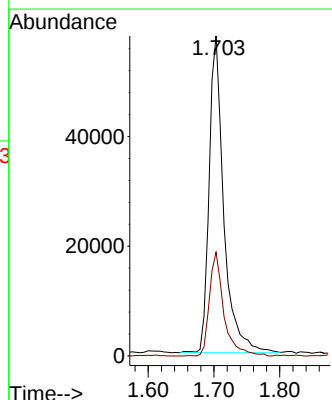
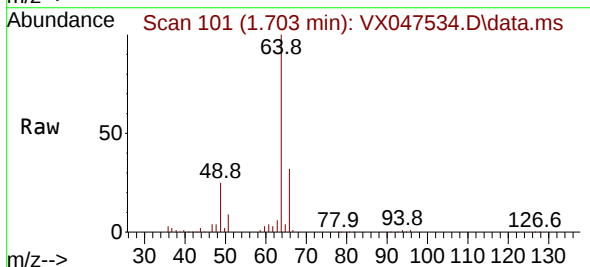
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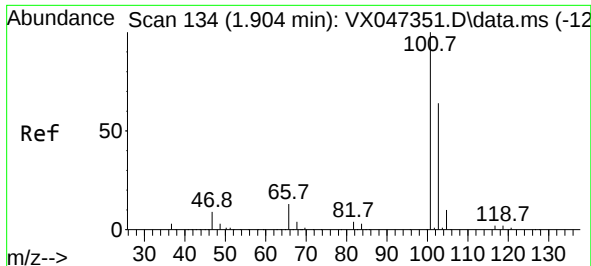
Reviewed By :John Carlone 08/28/2025
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#6
Chloroethane
Concen: 45.745 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.006 min
Lab File: VX047534.D
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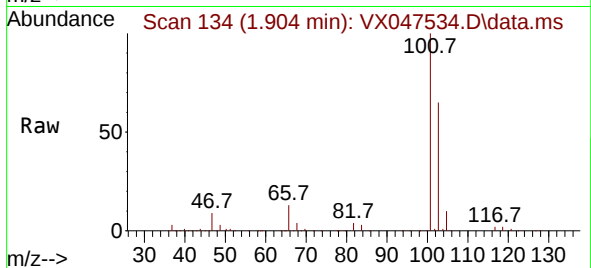
Tgt Ion: 64 Resp: 89503
Ion Ratio Lower Upper
64 100
66 32.7 24.4 36.6





#7
Trichlorofluoromethane
Concen: 46.010 ug/l
RT: 1.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

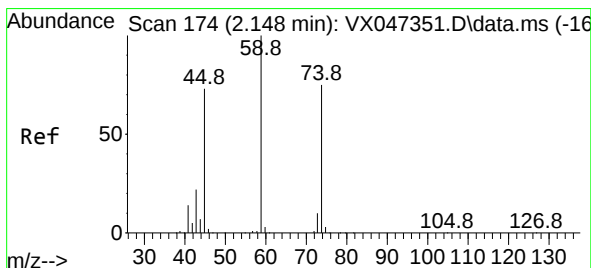
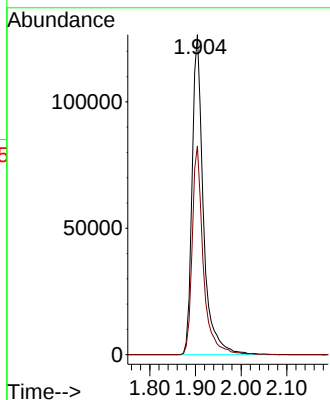
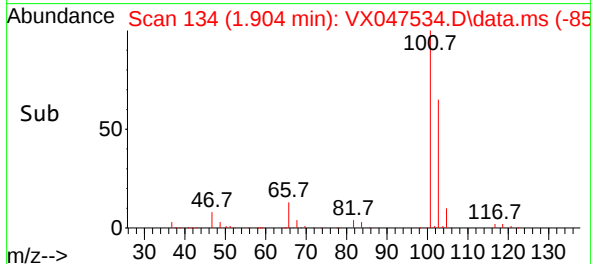
Instrument :
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Tgt Ion:101 Resp: 21763
Ion Ratio Lower Upper
101 100
103 65.3 50.9 76.3

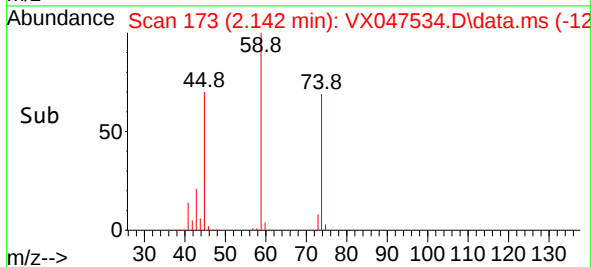
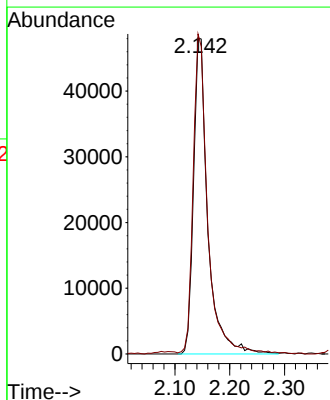
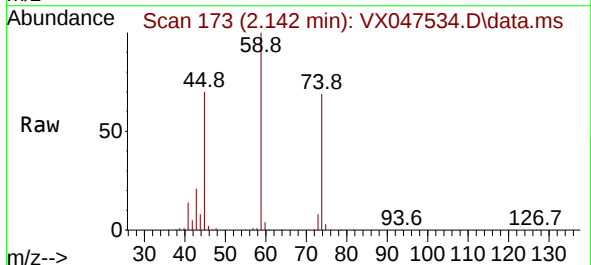
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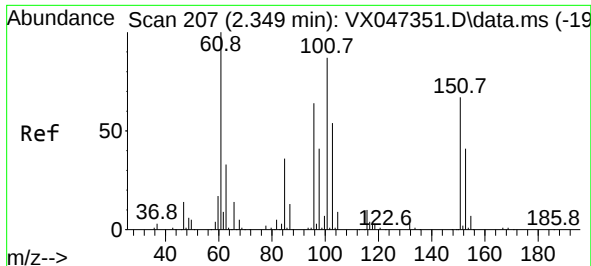
Reviewed By :John Carlone 08/28/2025
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#8
Diethyl Ether
Concen: 52.291 ug/l
RT: 2.142 min Scan# 173
Delta R.T. -0.006 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

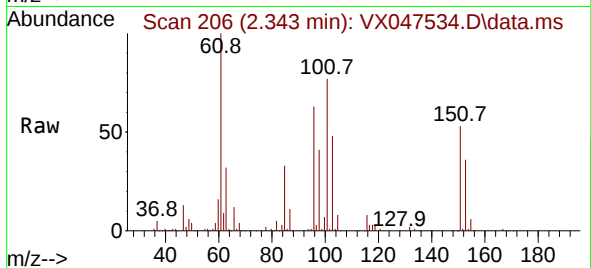
Tgt Ion: 74 Resp: 87092
Ion Ratio Lower Upper
74 100
45 102.2 51.3 154.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.452 ug/l
RT: 2.343 min Scan# 207
Delta R.T. -0.006 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

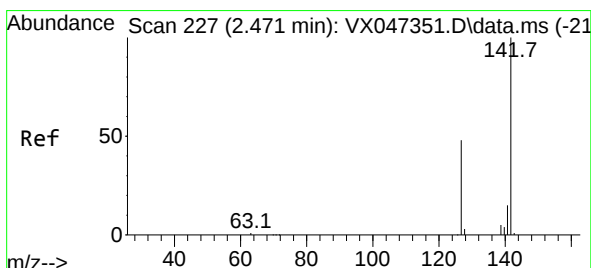
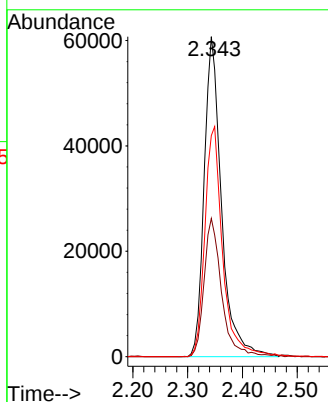
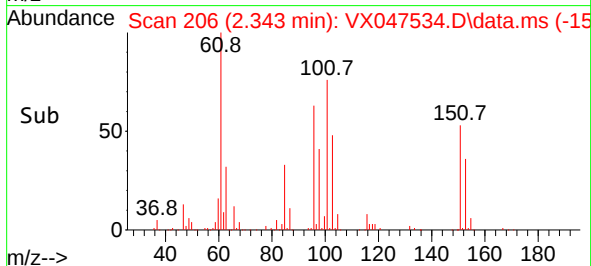
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



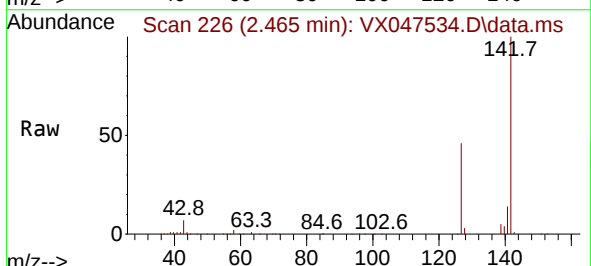
Tgt Ion:101 Resp: 132945
Ion Ratio Lower Upper
101 100
85 43.8 34.3 51.5
151 73.8 59.2 88.8

Manual Integrations
APPROVED

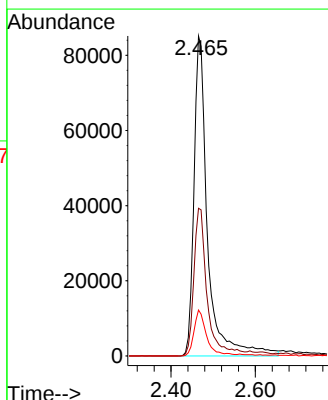
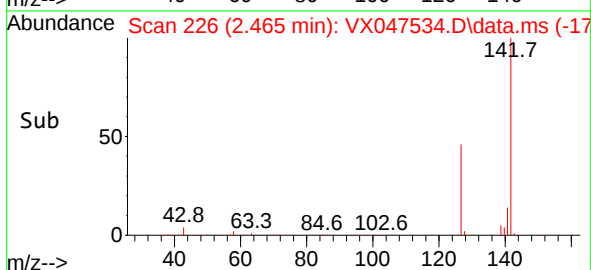
Reviewed By :John Carlone 08/28/2025
Supervised By :Mahesh Dadoda 08/28/2025

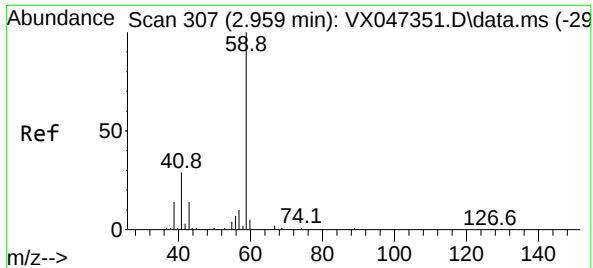


#10
Methyl Iodide
Concen: 40.733 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23



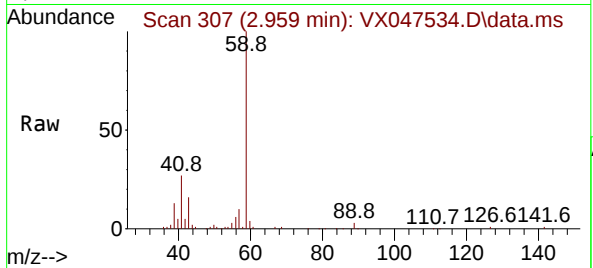
Tgt Ion:142 Resp: 191532
Ion Ratio Lower Upper
142 100
127 45.0 36.1 54.1
141 13.3 11.1 16.7





#11
Tert butyl alcohol
Concen: 293.290 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

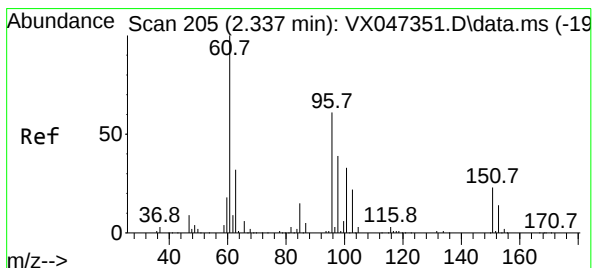
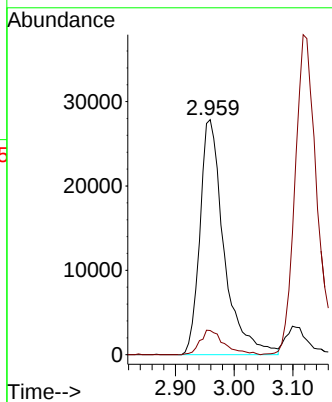
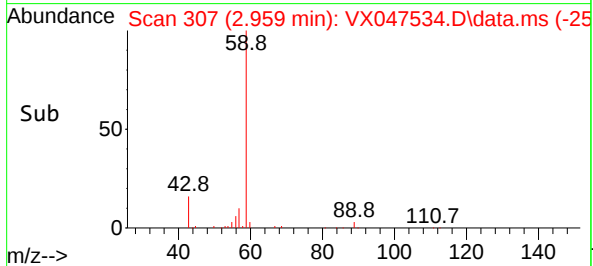
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



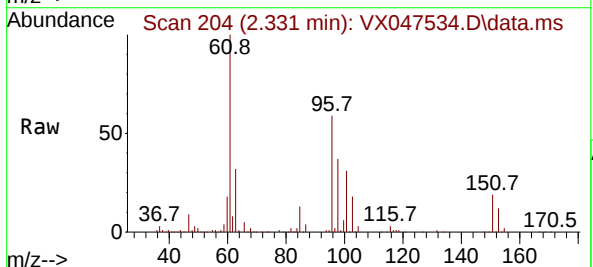
Tgt Ion: 59 Resp: 7933
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

Manual Integrations
APPROVED

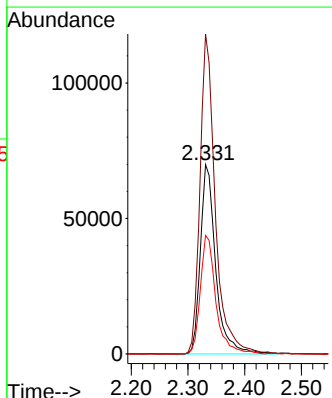
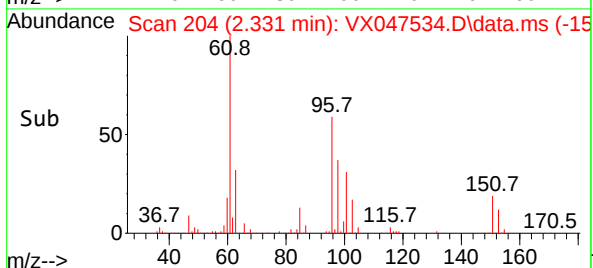
Reviewed By :John Carlone 08/28/2025
Supervised By :Mahesh Dadoda 08/28/2025

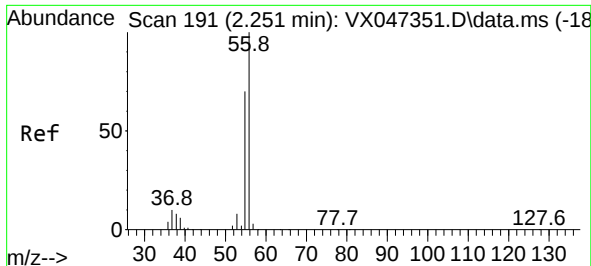


#12
1,1-Dichloroethene
Concen: 47.174 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23



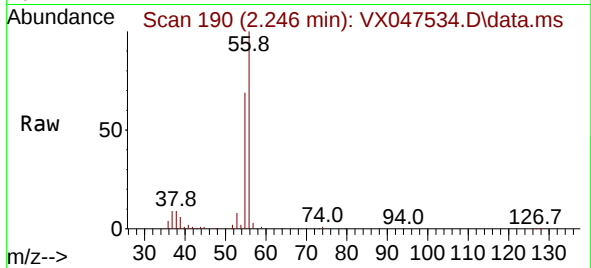
Tgt Ion: 96 Resp: 131959
Ion Ratio Lower Upper
96 100
61 168.9 132.2 198.2
98 62.6 51.2 76.8





#13
Acrolein
Concen: 269.452 ug/l
RT: 2.246 min Scan# 191
Delta R.T. -0.006 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

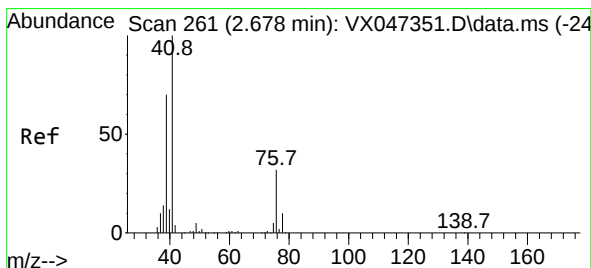
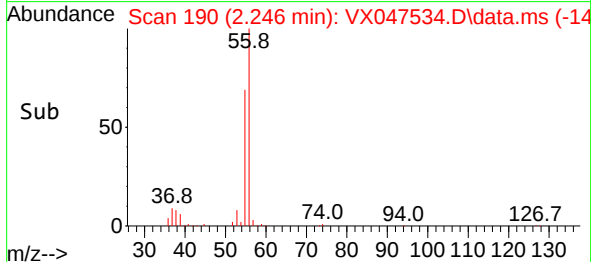
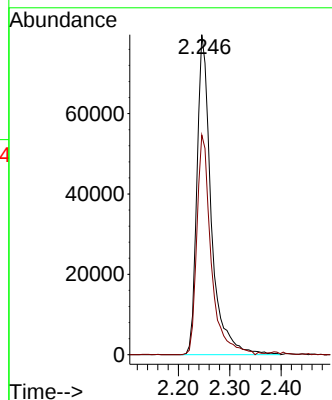
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 15385
Ion Ratio Lower Upper
56 100
55 68.8 55.5 83.3

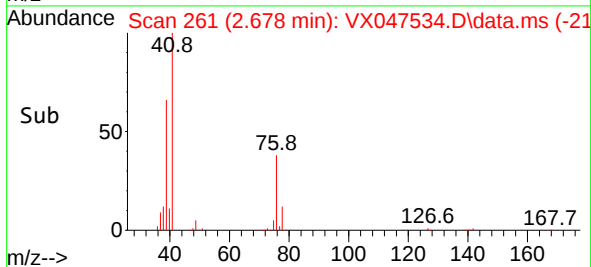
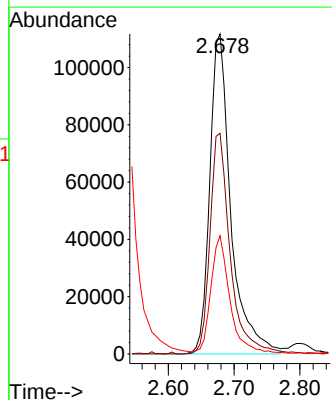
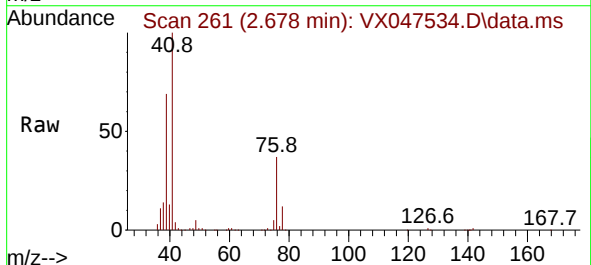
Manual Integrations
APPROVED

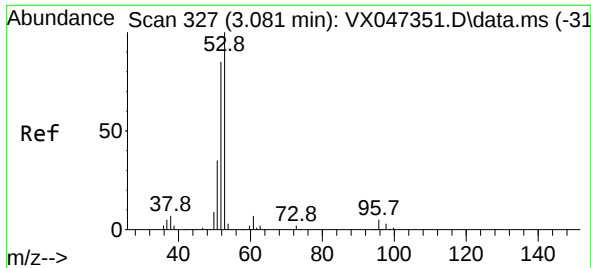
Reviewed By :John Carlone 08/28/2025
Supervised By :Mahesh Dadoda 08/28/2025



#14
Allyl chloride
Concen: 51.430 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

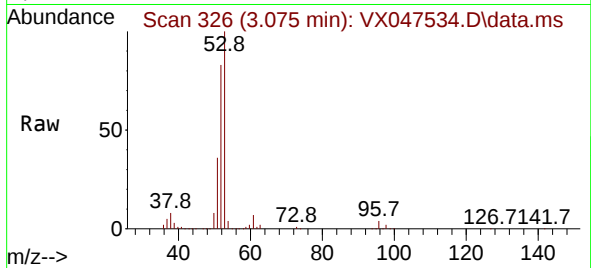
Tgt Ion: 41 Resp: 249873
Ion Ratio Lower Upper
41 100
39 66.2 54.6 81.8
76 33.4 27.6 41.4





#15
Acrylonitrile
Concen: 266.535 ug/l
RT: 3.075 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

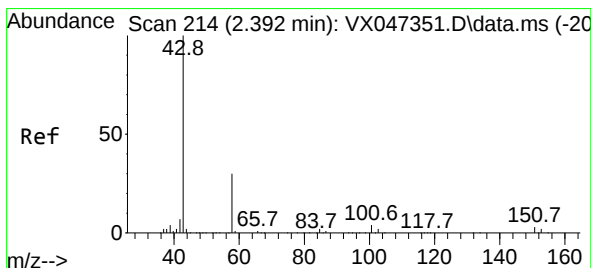
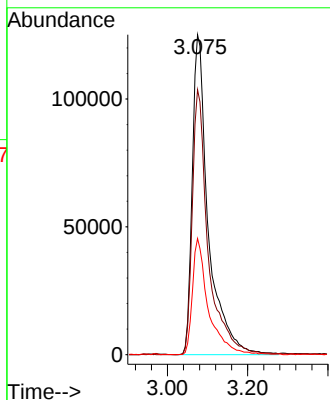
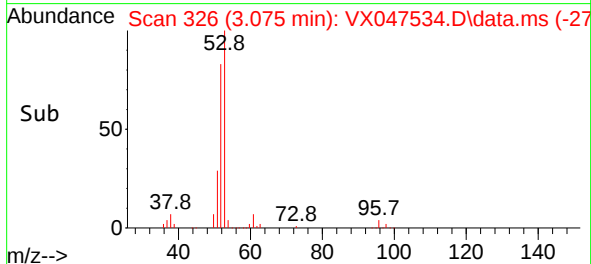
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



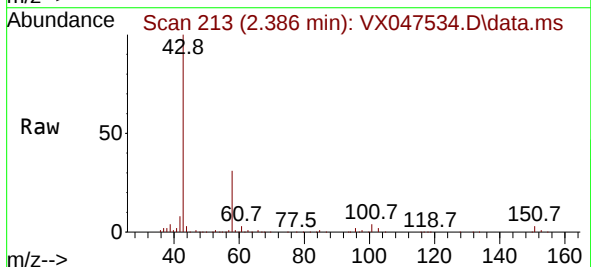
Tgt Ion: 53 Resp: 348380
Ion Ratio Lower Upper
53 100
52 82.1 65.8 98.6
51 36.2 28.2 42.2

Manual Integrations
APPROVED

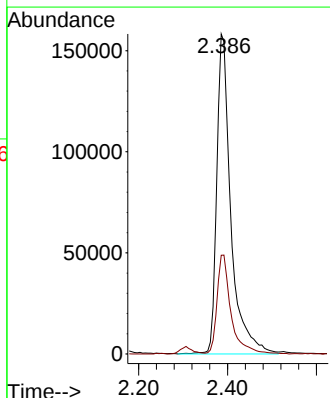
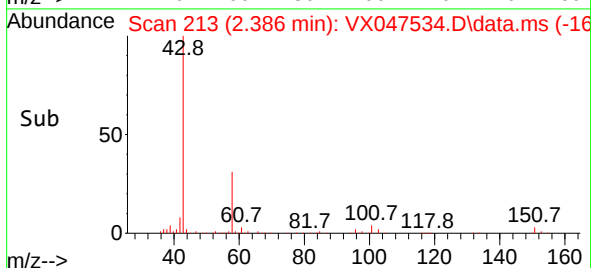
Reviewed By :John Carlone 08/28/2025
Supervised By :Mahesh Dadoda 08/28/2025

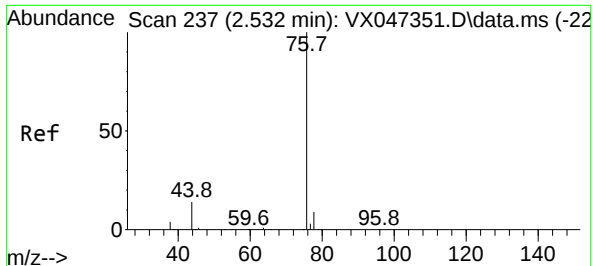


#16
Acetone
Concen: 297.828 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23



Tgt Ion: 43 Resp: 348083
Ion Ratio Lower Upper
43 100
58 30.6 24.8 37.2





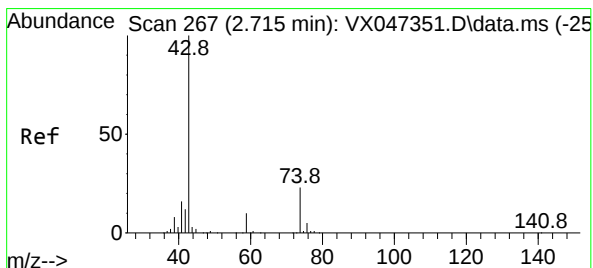
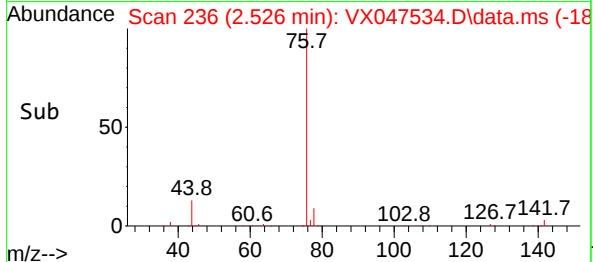
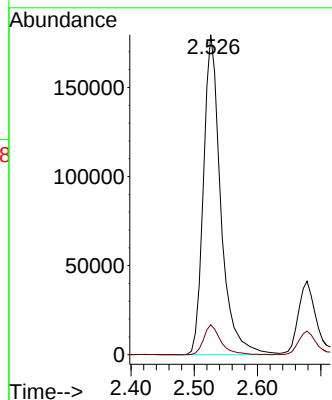
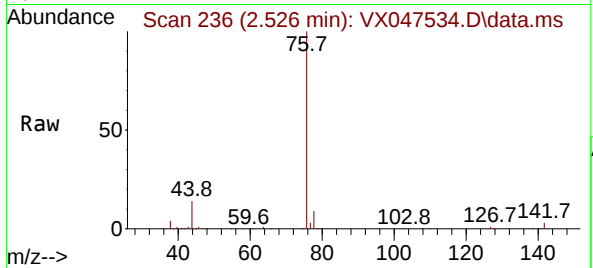
#17
Carbon Disulfide
Concen: 40.552 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 342300
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8

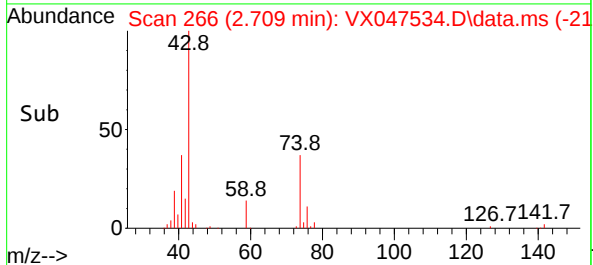
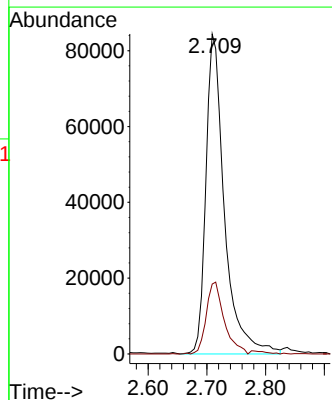
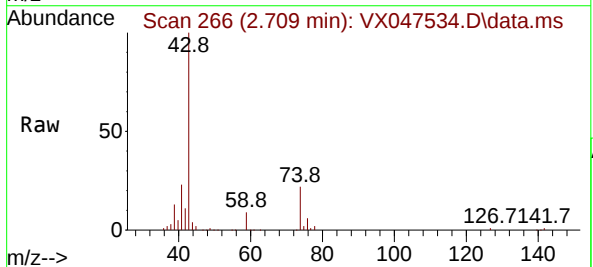
Manual Integrations
APPROVED

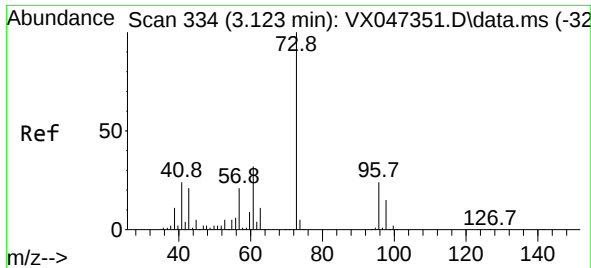
Reviewed By :John Carlone 08/28/2025
Supervised By :Mahesh Dadoda 08/28/2025



#18
Methyl Acetate
Concen: 61.091 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

Tgt Ion: 43 Resp: 185025
Ion Ratio Lower Upper
43 100
74 21.7 18.4 27.6





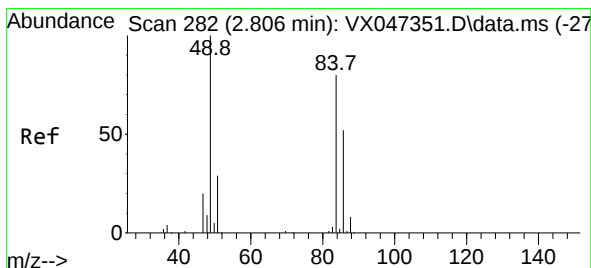
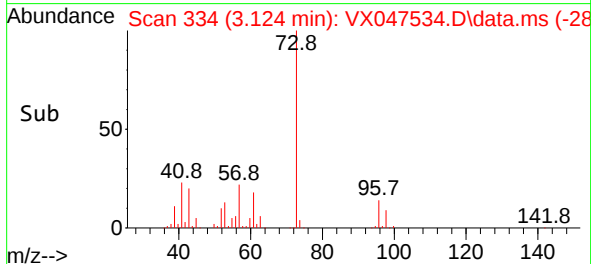
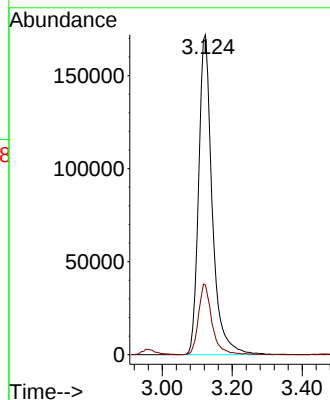
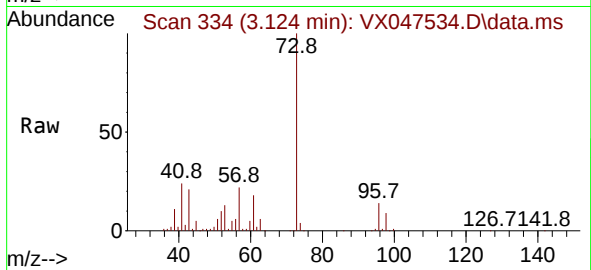
#19
Methyl tert-butyl Ether
Concen: 54.389 ug/l
RT: 3.124 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 46284
Ion Ratio Lower Upper
73 100
57 21.8 17.0 25.6

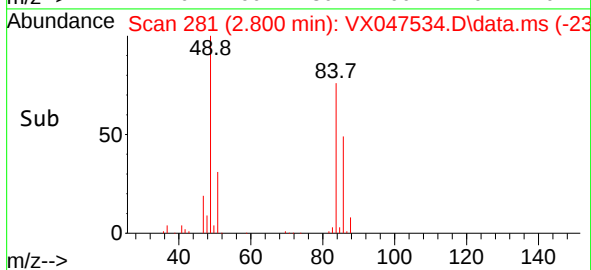
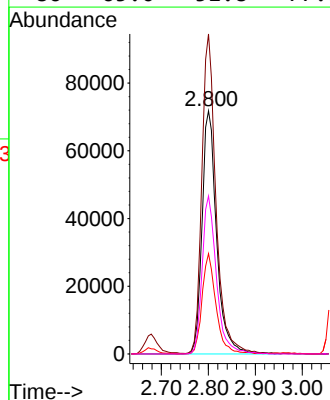
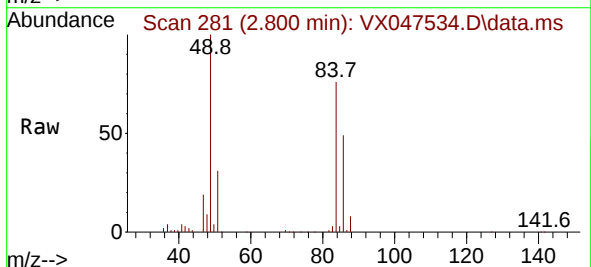
Manual Integrations
APPROVED

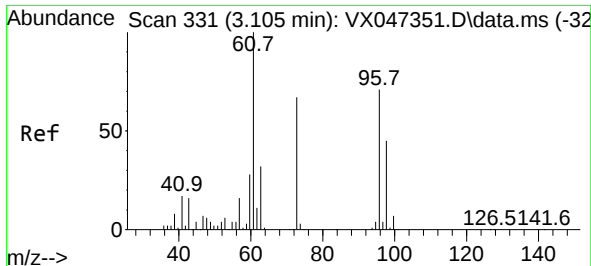
Reviewed By :John Carlone 08/28/2025
Supervised By :Mahesh Dadoda 08/28/2025



#20
Methylene Chloride
Concen: 50.013 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

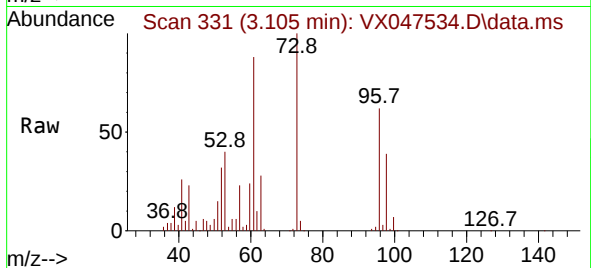
Tgt Ion: 84 Resp: 154782
Ion Ratio Lower Upper
84 100
49 131.4 100.1 150.1
51 41.2 29.5 44.3
86 65.0 51.8 77.8





#21
trans-1,2-Dichloroethene
Concen: 47.951 ug/l
RT: 3.105 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

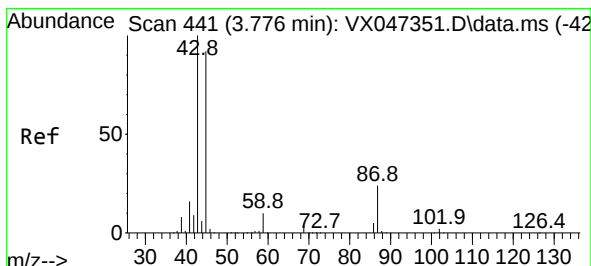
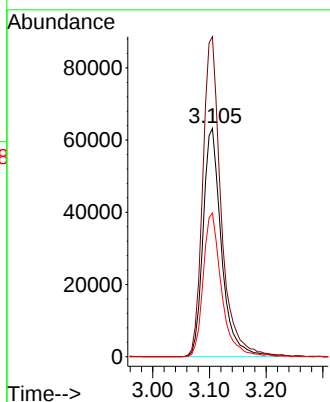
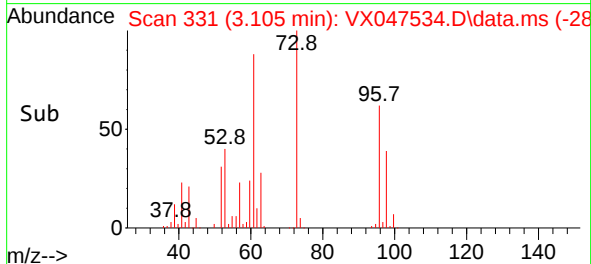
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



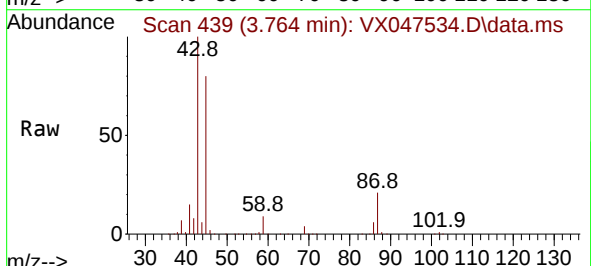
Tgt Ion: 96 Resp: 14236
Ion Ratio Lower Upper
96 100
61 140.2 112.6 169.0
98 62.9 50.9 76.3

Manual Integrations
APPROVED

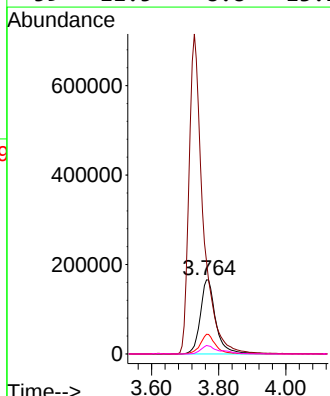
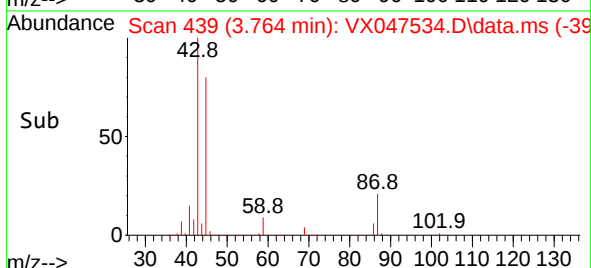
Reviewed By :John Carlone 08/28/2025
Supervised By :Mahesh Dadoda 08/28/2025

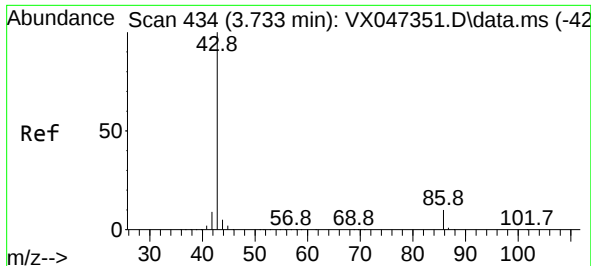


#22
Diisopropyl ether
Concen: 54.861 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.012 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23



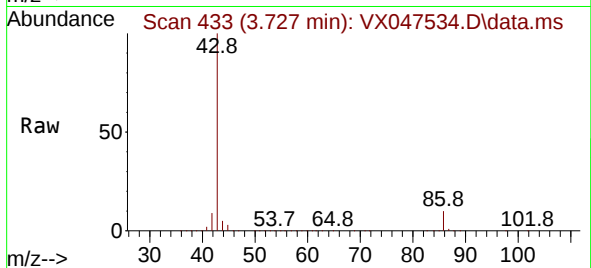
Tgt Ion: 45 Resp: 526875
Ion Ratio Lower Upper
45 100
43 124.5 86.8 130.2
87 26.5 20.4 30.6
59 11.5 8.8 13.2





#23
 Vinyl Acetate
 Concen: 264.823 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX047534.D
 Acq: 27 Aug 2025 12:23

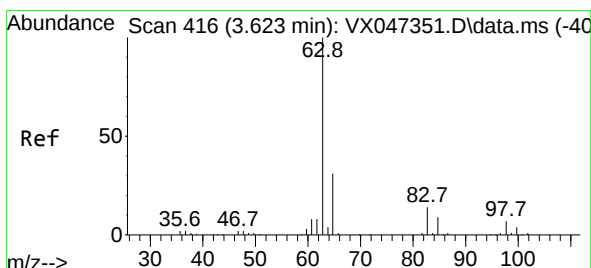
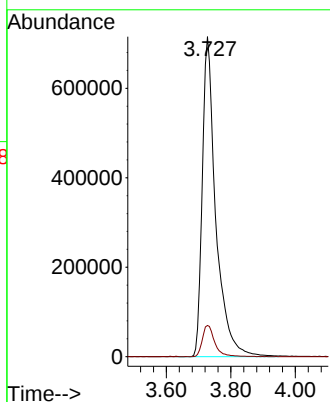
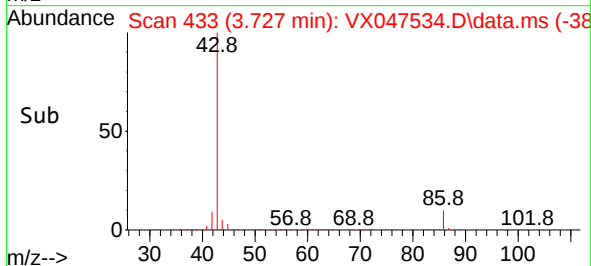
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



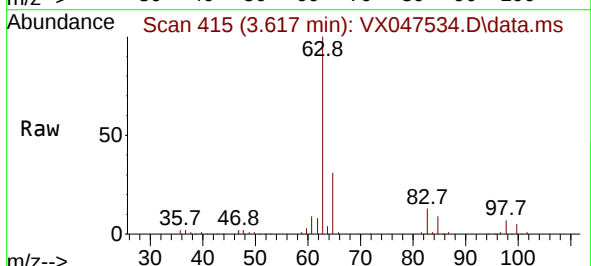
Tgt Ion: 43 Resp: 208459
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.9 11.9

Manual Integrations
 APPROVED

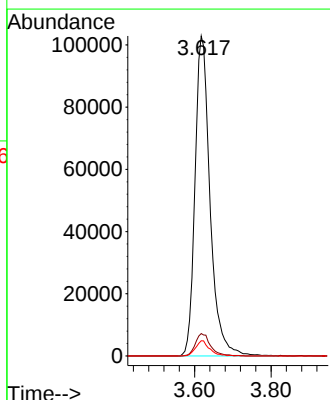
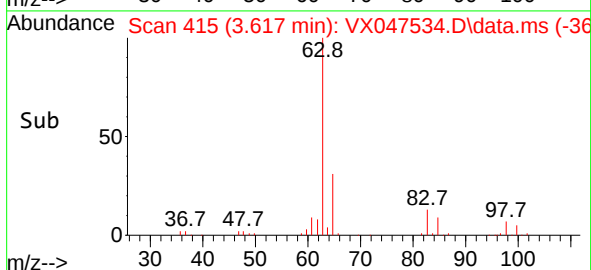
Reviewed By :John Carlone 08/28/2025
 Supervised By :Mahesh Dadoda 08/28/2025

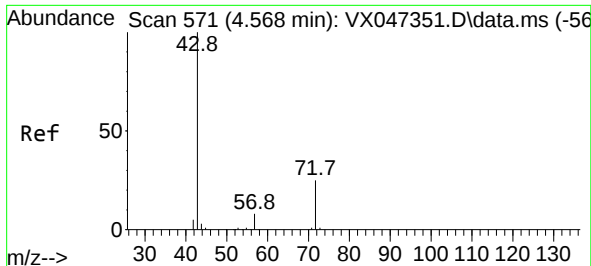


#24
 1,1-Dichloroethane
 Concen: 51.733 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. -0.006 min
 Lab File: VX047534.D
 Acq: 27 Aug 2025 12:23



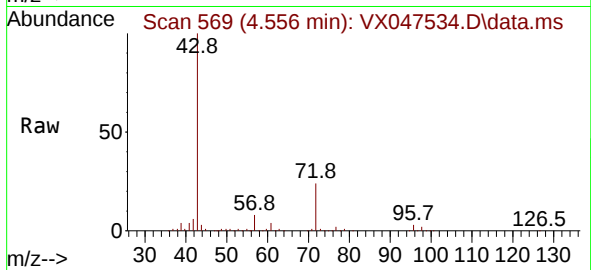
Tgt Ion: 63 Resp: 280821
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.9
 100 4.9 2.1 6.3





#25
2-Butanone
Concen: 287.161 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

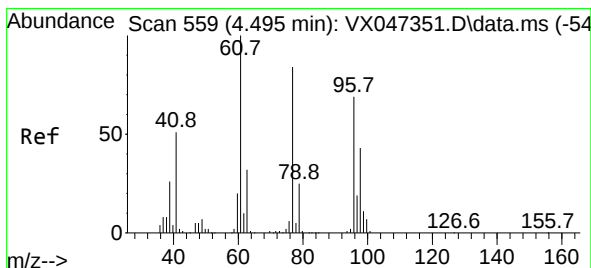
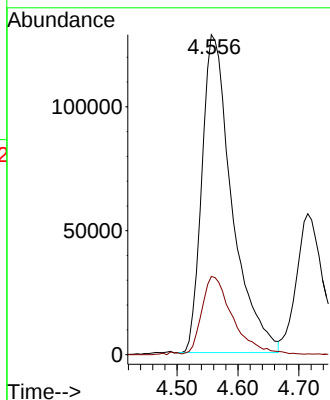
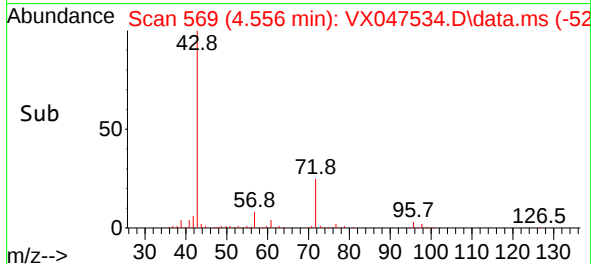
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 439548
Ion Ratio Lower Upper
43 100
72 24.1 19.8 29.8

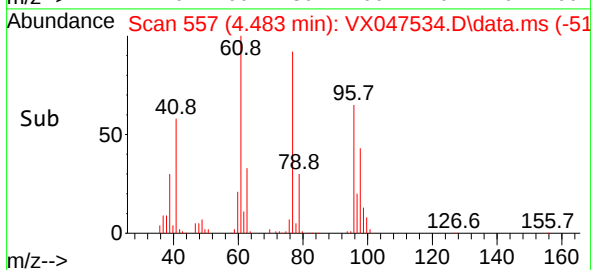
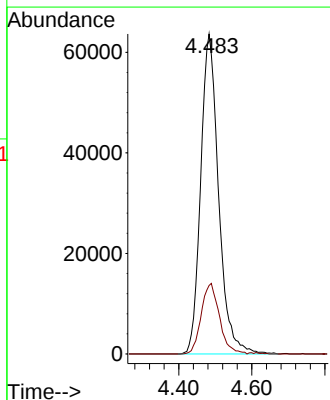
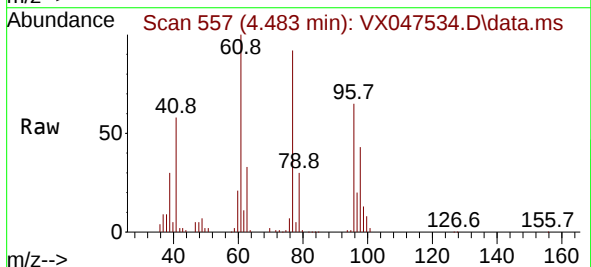
Manual Integrations
APPROVED

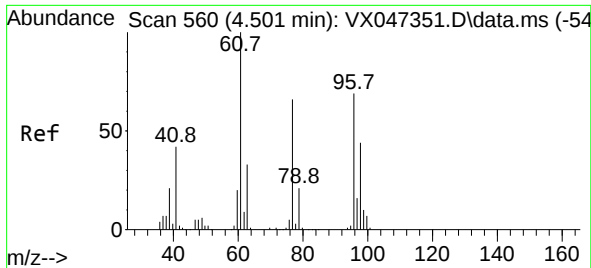
Reviewed By :John Carlone 08/28/2025
Supervised By :Mahesh Dadoda 08/28/2025



#26
2,2-Dichloropropane
Concen: 52.805 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.012 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

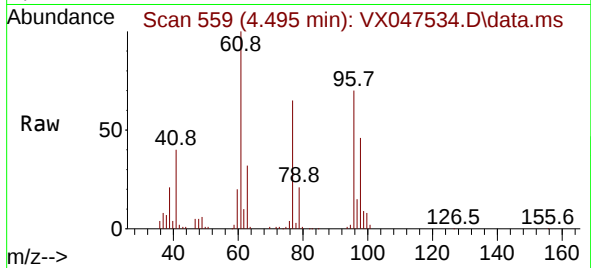
Tgt Ion: 77 Resp: 216347
Ion Ratio Lower Upper
77 100
97 22.4 11.4 34.1





#27
cis-1,2-Dichloroethene
Concen: 50.705 ug/l
RT: 4.495 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

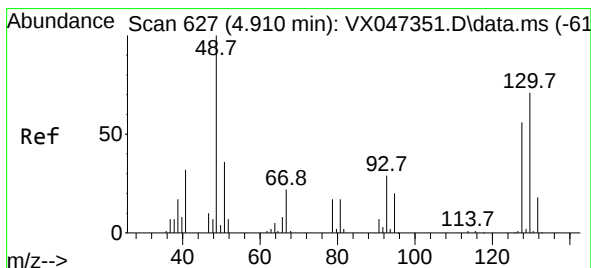
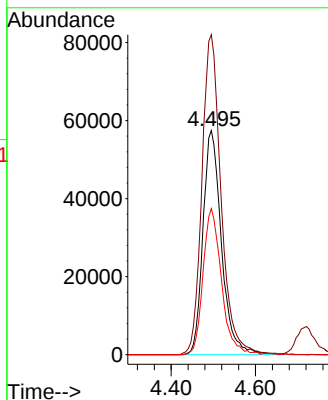
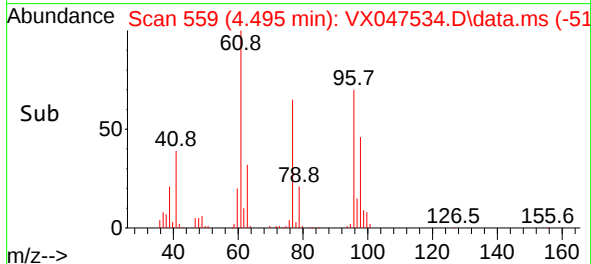
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 175339
Ion Ratio Lower Upper
96 100
61 148.1 0.0 296.6
98 64.8 0.0 130.4

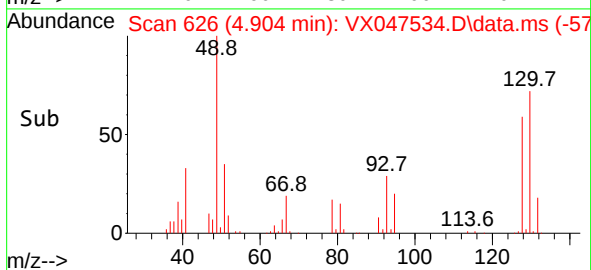
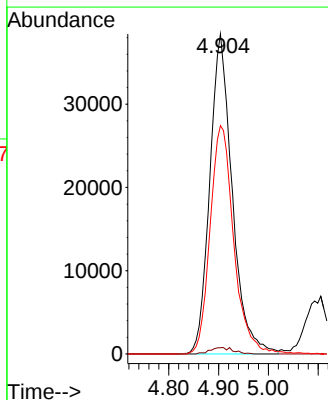
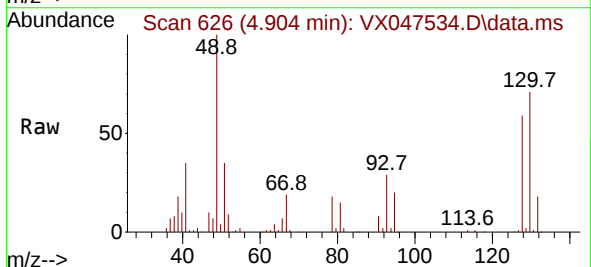
Manual Integrations
APPROVED

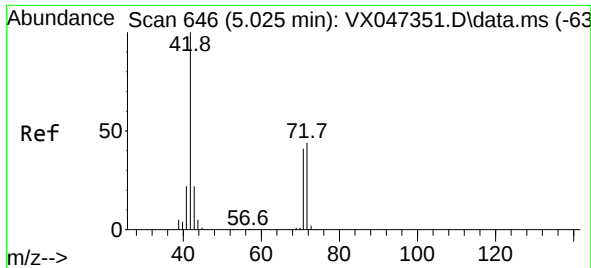
Reviewed By :John Carlone 08/28/2025
Supervised By :Mahesh Dadoda 08/28/2025



#28
Bromochloromethane
Concen: 53.117 ug/l
RT: 4.904 min Scan# 626
Delta R.T. -0.006 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

Tgt Ion: 49 Resp: 119984
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.0
130 75.4 59.8 89.6





#29

Tetrahydrofuran

Concen: 263.151 ug/l

RT: 5.013 min Scan# 64

Delta R.T. -0.012 min

Lab File: VX047534.D

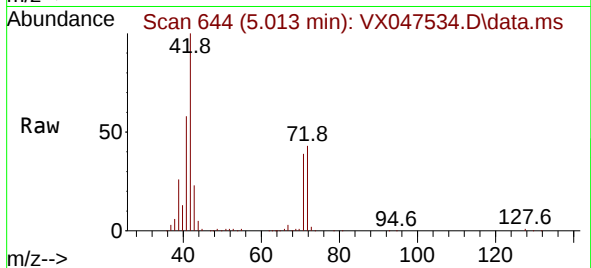
Acq: 27 Aug 2025 12:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion: 42 Resp: 26034

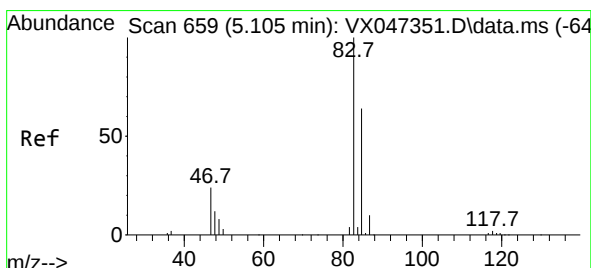
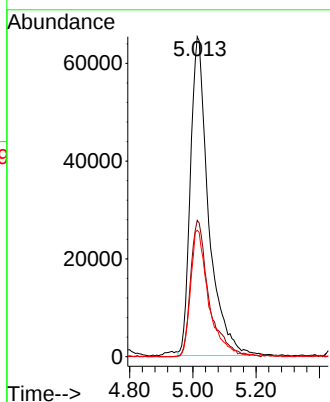
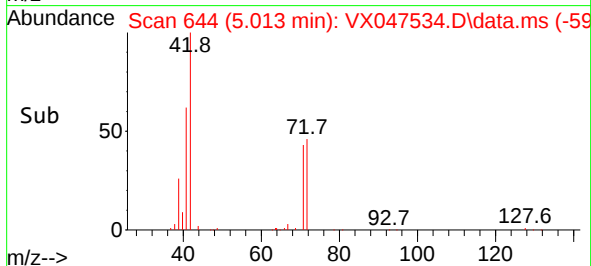
Ion	Ratio	Lower	Upper
42	100		
72	43.3	34.6	51.8
71	39.3	32.6	49.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/28/2025

Supervised By :Mahesh Dadoda 08/28/2025



#30

Chloroform

Concen: 51.754 ug/l

RT: 5.099 min Scan# 658

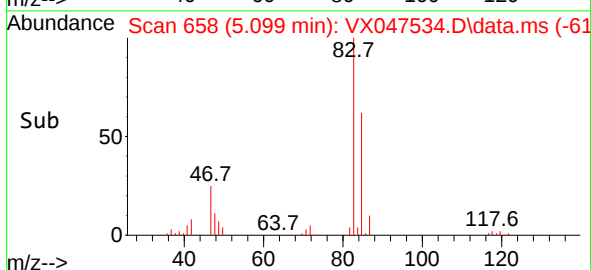
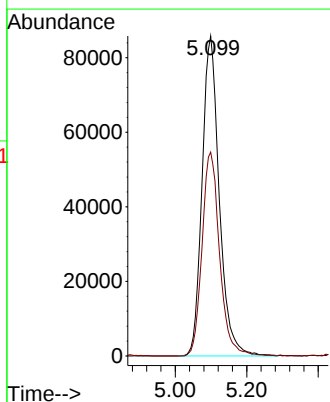
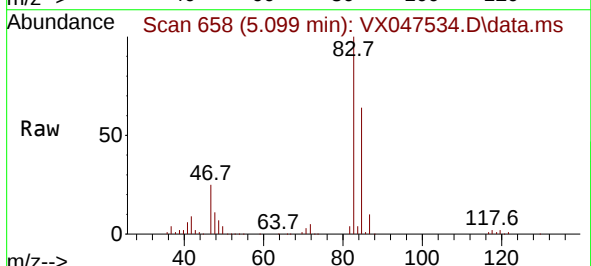
Delta R.T. -0.006 min

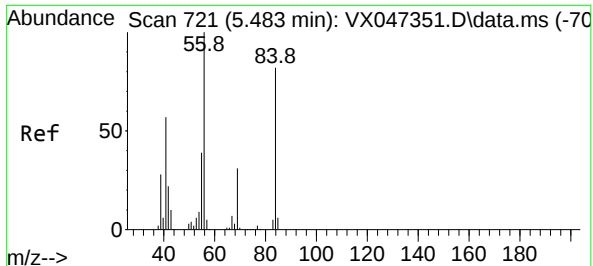
Lab File: VX047534.D

Acq: 27 Aug 2025 12:23

Tgt Ion: 83 Resp: 286717

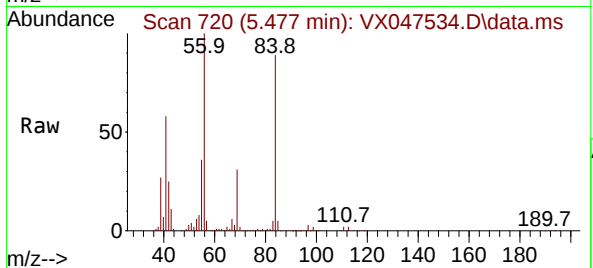
Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.2	76.8





#31
Cyclohexane
Concen: 42.803 ug/l
RT: 5.477 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

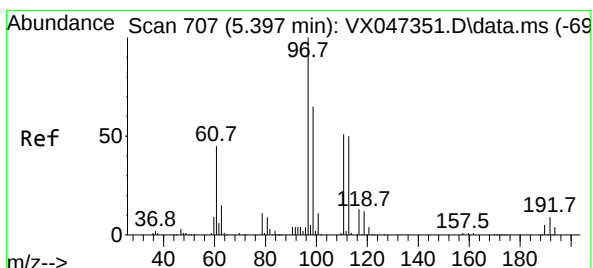
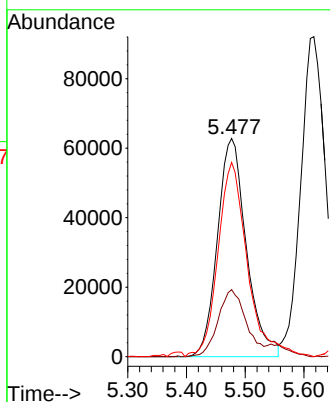
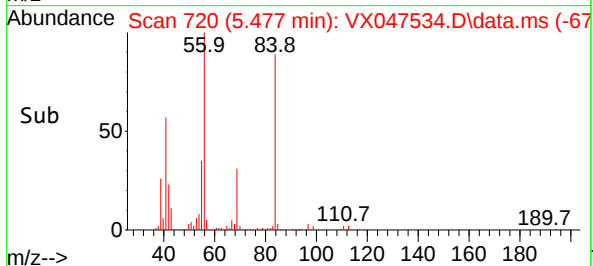
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 21418
Ion Ratio Lower Upper
56 100
69 30.3 24.3 36.5
84 86.9 65.3 97.9

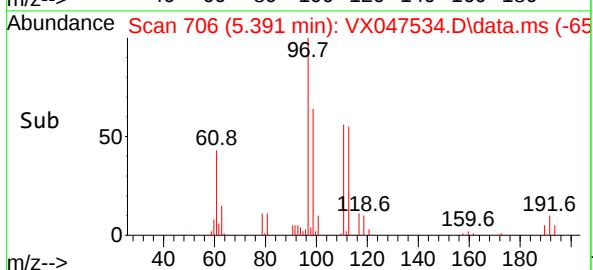
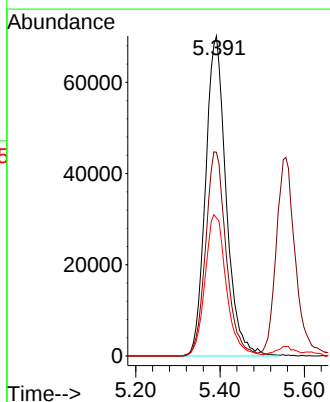
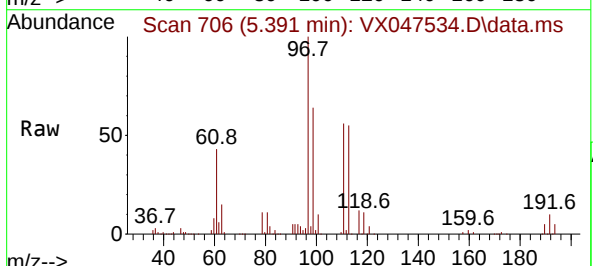
Manual Integrations
APPROVED

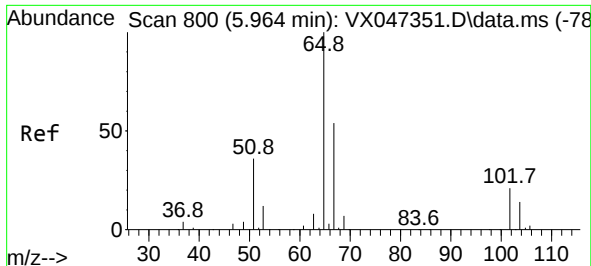
Reviewed By :John Carlone 08/28/2025
Supervised By :Mahesh Dadoda 08/28/2025



#32
1,1,1-Trichloroethane
Concen: 49.952 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

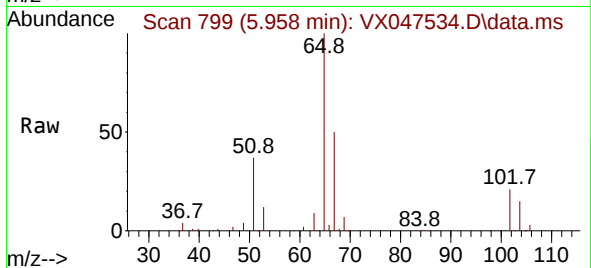
Tgt Ion: 97 Resp: 238193
Ion Ratio Lower Upper
97 100
99 63.8 51.4 77.0
61 45.4 35.7 53.5





#33
1,2-Dichloroethane-d4
Concen: 49.601 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

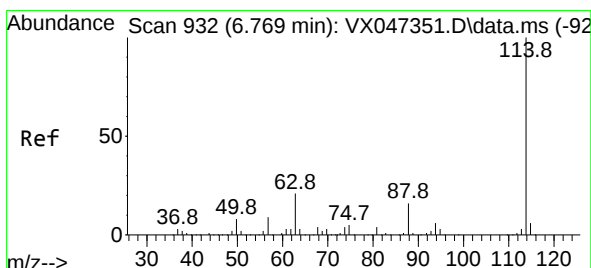
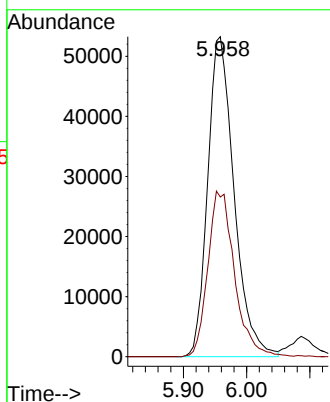
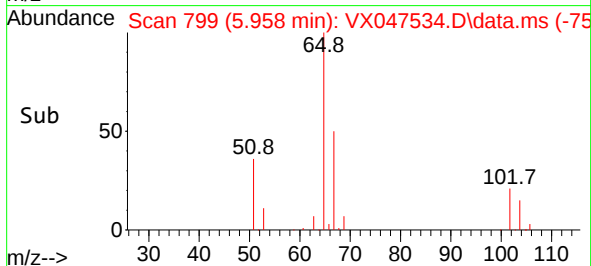
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



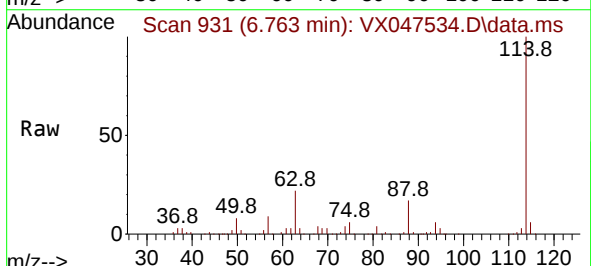
Tgt Ion: 65 Resp: 154225
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.0

Manual Integrations
APPROVED

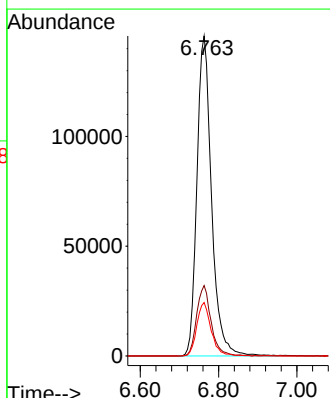
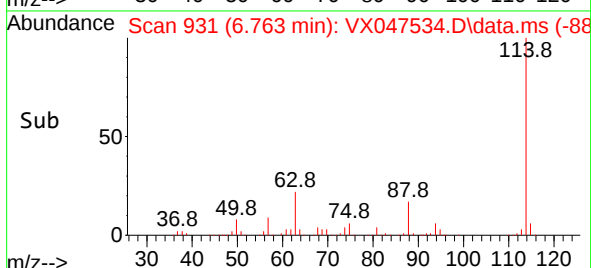
Reviewed By :John Carlone 08/28/2025
Supervised By :Mahesh Dadoda 08/28/2025

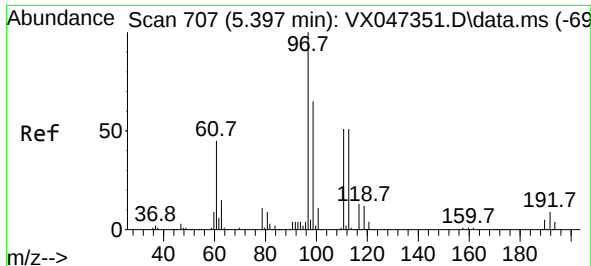


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23



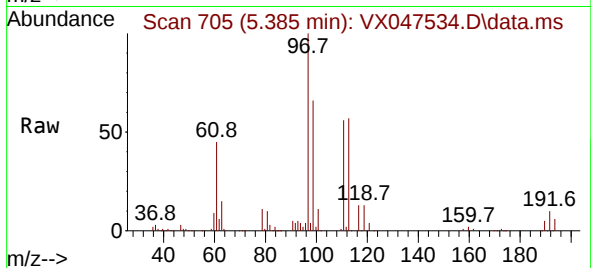
Tgt Ion:114 Resp: 378947
Ion Ratio Lower Upper
114 100
63 22.0 0.0 42.4
88 16.7 0.0 33.0





#35
Dibromofluoromethane
Concen: 51.306 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

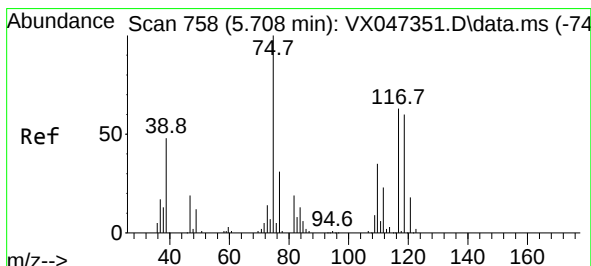
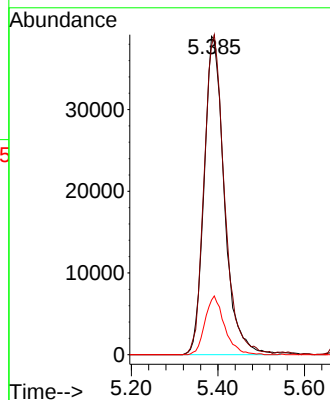
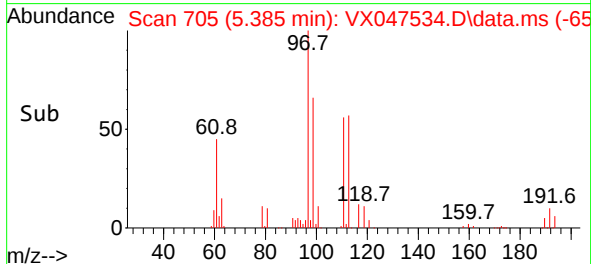
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 12618
Ion Ratio Lower Upper
113 100
111 101.4 81.4 122.2
192 17.8 14.1 21.1

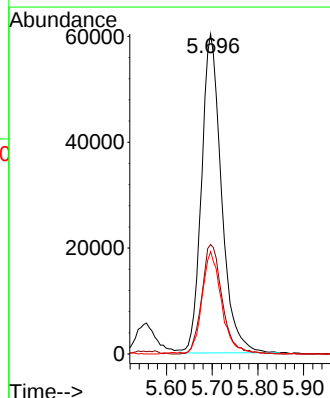
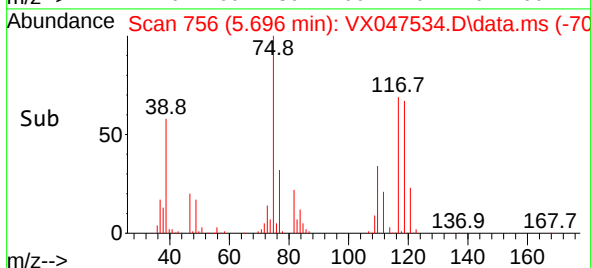
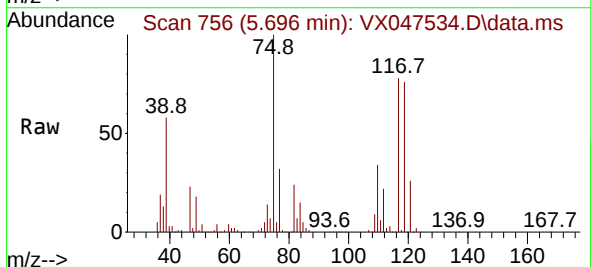
Manual Integrations
APPROVED

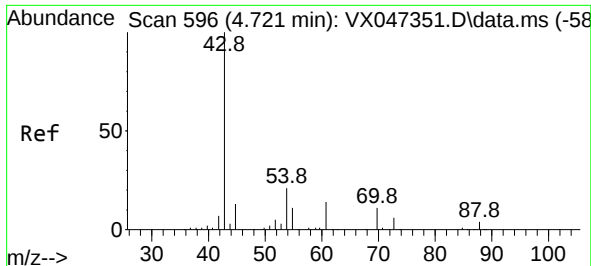
Reviewed By :John Carlone 08/28/2025
Supervised By :Mahesh Dadoda 08/28/2025



#36
1,1-Dichloropropene
Concen: 46.936 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.012 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

Tgt Ion: 75 Resp: 182224
Ion Ratio Lower Upper
75 100
110 35.2 17.4 52.2
77 31.5 24.4 36.6





#37

Ethyl Acetate

Concen: 45.953 ug/l

RT: 4.715 min Scan# 596

Delta R.T. -0.006 min

Lab File: VX047534.D

Acq: 27 Aug 2025 12:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 18521

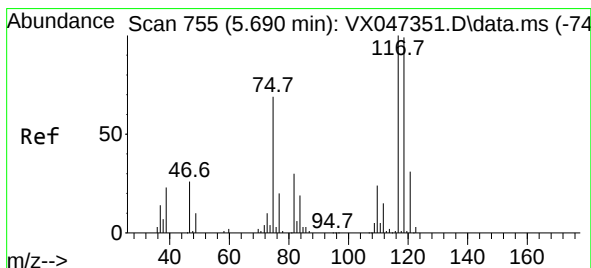
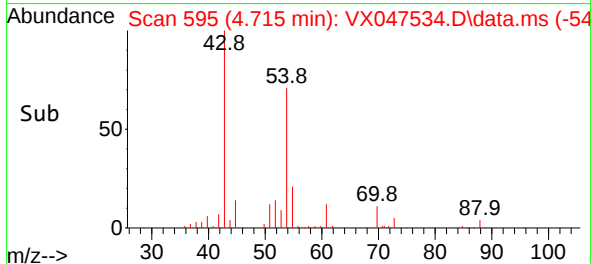
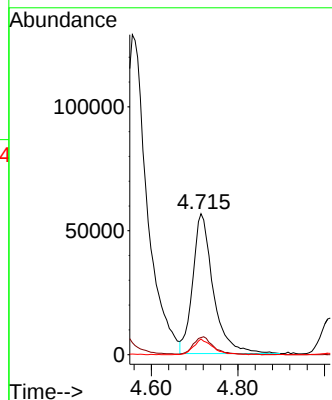
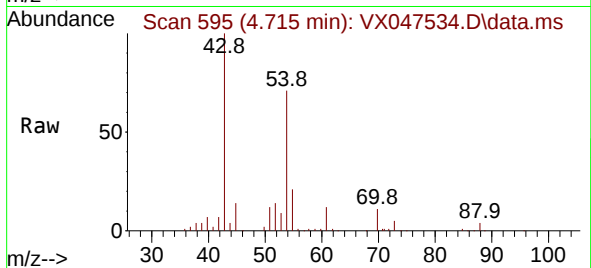
Ion	Ratio	Lower	Upper
43	100		
61	11.6	9.4	14.2
70	10.4	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/28/2025

Supervised By :Mahesh Dadoda 08/28/2025



#38

Carbon Tetrachloride

Concen: 47.291 ug/l

RT: 5.684 min Scan# 754

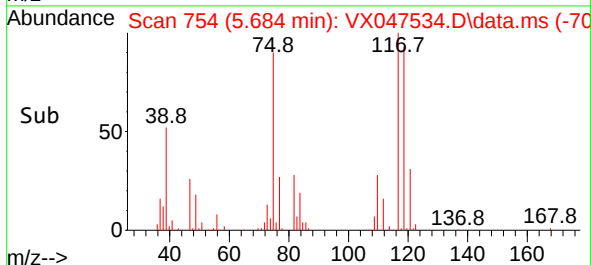
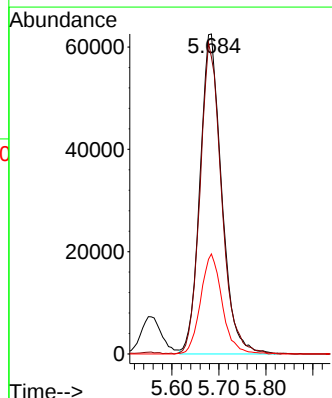
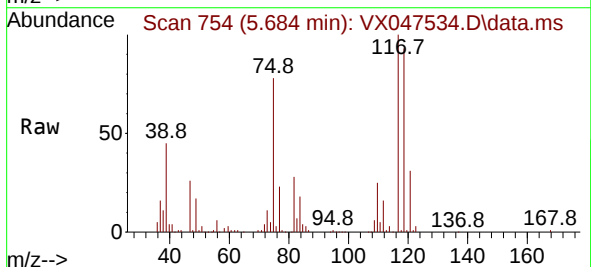
Delta R.T. -0.006 min

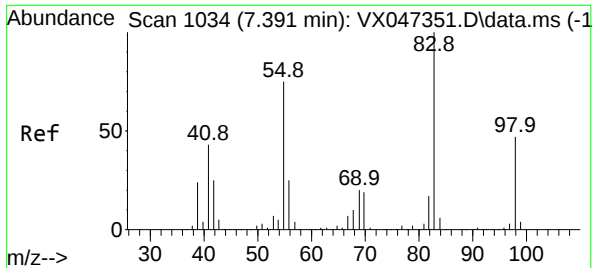
Lab File: VX047534.D

Acq: 27 Aug 2025 12:23

Tgt Ion:117 Resp: 200634

Ion	Ratio	Lower	Upper
117	100		
119	92.5	78.5	117.7
121	31.2	24.7	37.1





#39

Methylcyclohexane

Concen: 40.874 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.012 min

Lab File: VX047534.D

Acq: 27 Aug 2025 12:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 19793

Ion Ratio Lower Upper

83 100

55 79.2 60.0 90.0

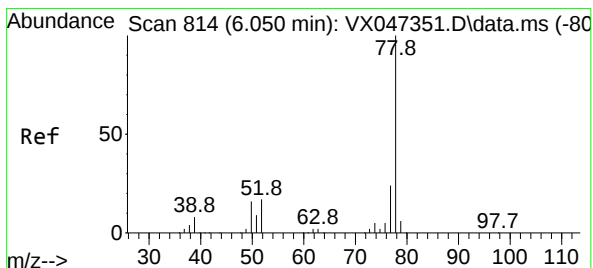
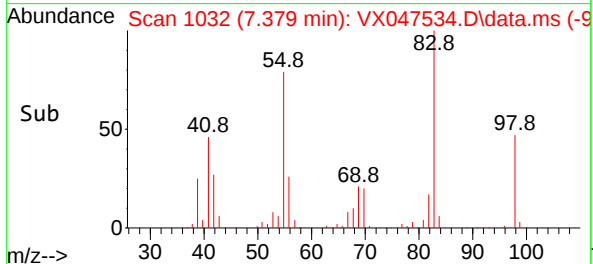
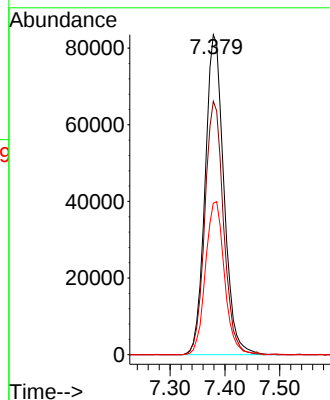
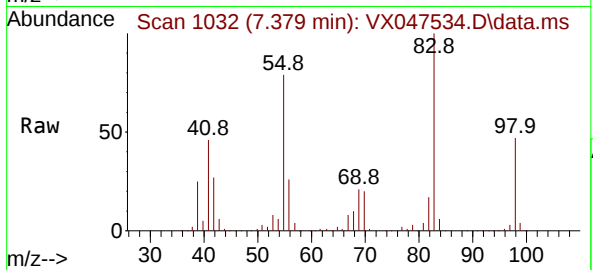
98 47.3 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/28/2025

Supervised By :Mahesh Dadoda 08/28/2025



#40

Benzene

Concen: 49.877 ug/l

RT: 6.038 min Scan# 812

Delta R.T. -0.012 min

Lab File: VX047534.D

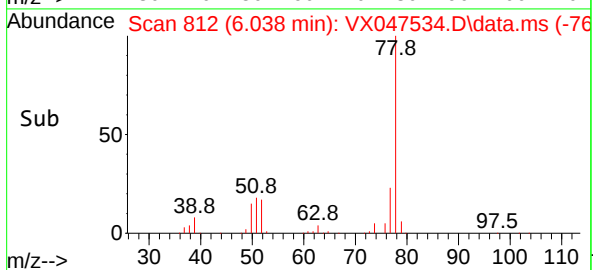
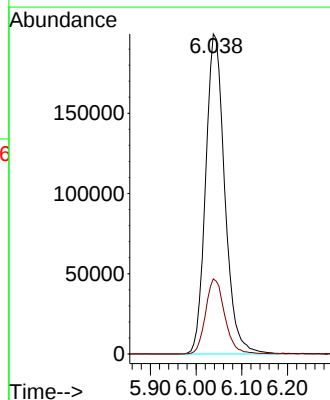
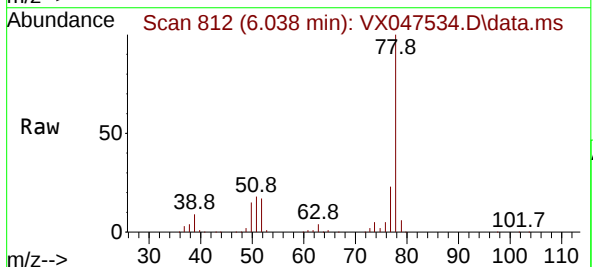
Acq: 27 Aug 2025 12:23

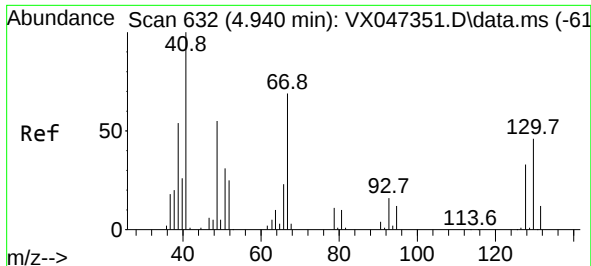
Tgt Ion: 78 Resp: 579597

Ion Ratio Lower Upper

78 100

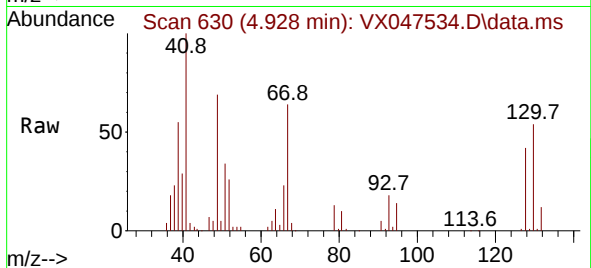
77 23.4 19.0 28.4





#41
Methacrylonitrile
Concen: 52.221 ug/l
RT: 4.928 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

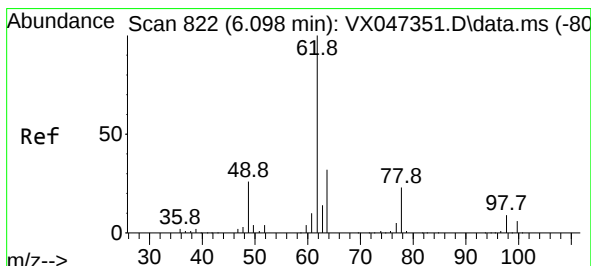
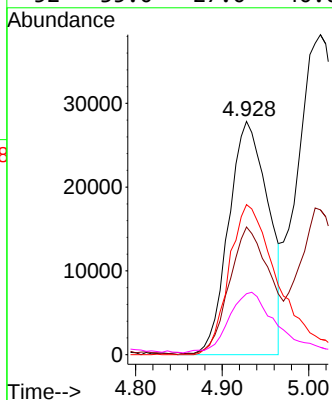
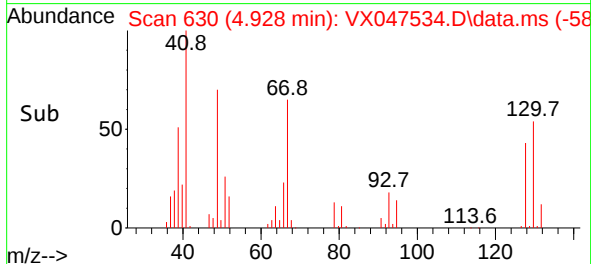
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 88750
Ion Ratio Lower Upper
41 100
39 55.9 45.4 68.2
67 81.4 64.0 96.0
52 35.0 27.0 40.6

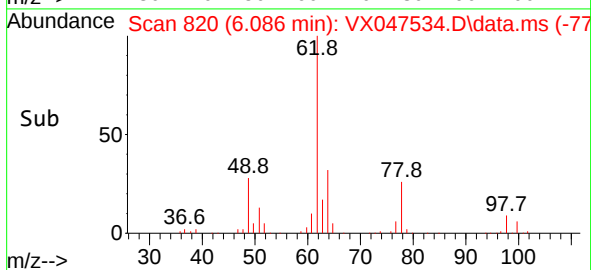
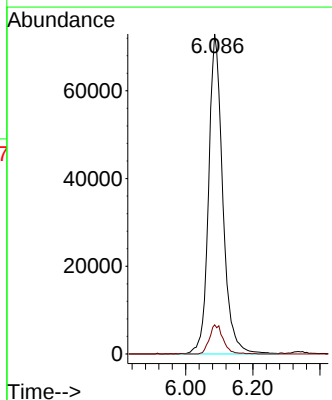
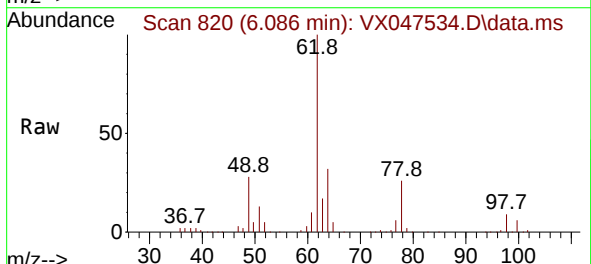
Manual Integrations
APPROVED

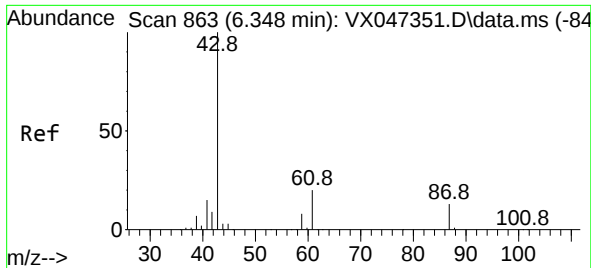
Reviewed By :John Carlone 08/28/2025
Supervised By :Mahesh Dadoda 08/28/2025



#42
1,2-Dichloroethane
Concen: 51.773 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.012 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

Tgt Ion: 62 Resp: 213105
Ion Ratio Lower Upper
62 100
98 8.9 0.0 18.0





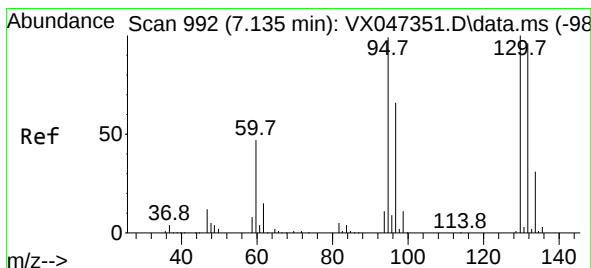
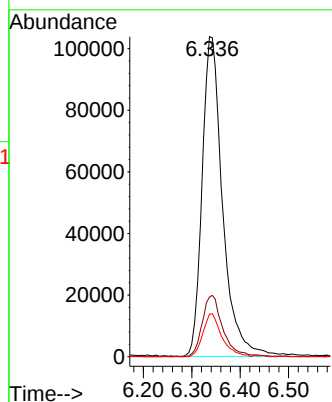
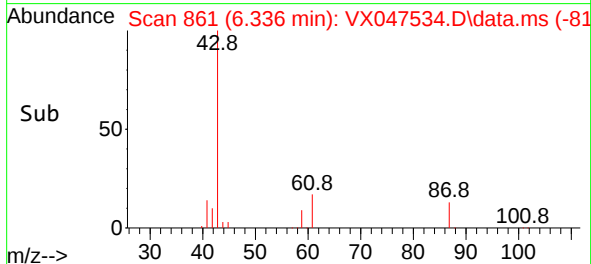
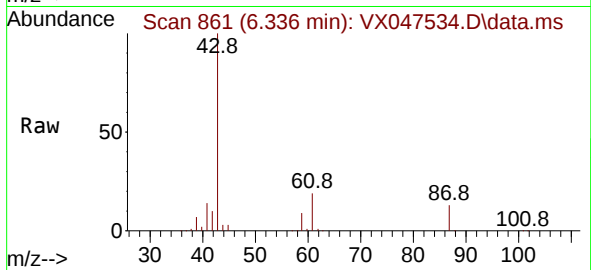
#43
Isopropyl Acetate
Concen: 52.719 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.012 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 30525
Ion Ratio Lower Upper
43 100
61 19.3 15.4 23.0
87 12.4 10.2 15.4

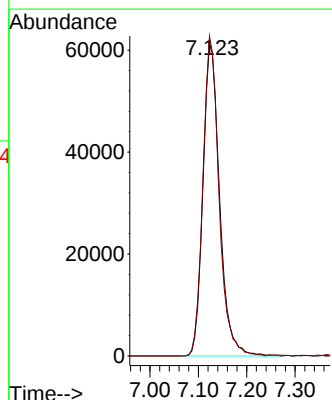
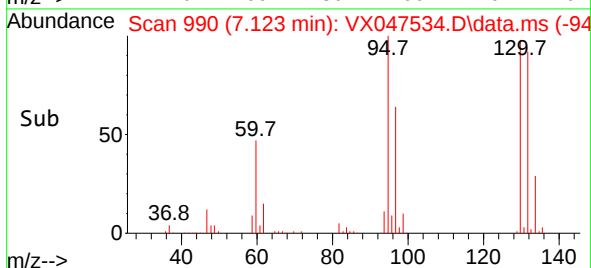
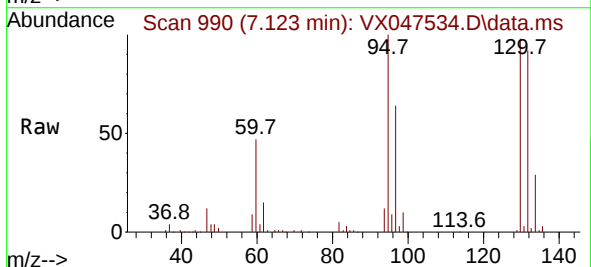
Manual Integrations
APPROVED

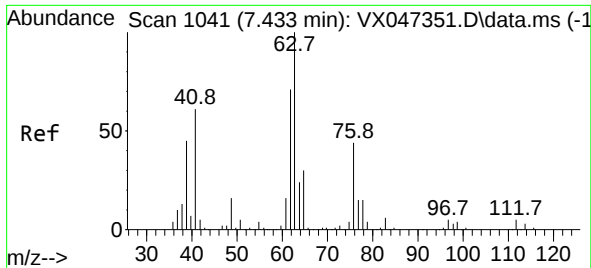
Reviewed By :John Carlone 08/28/2025
Supervised By :Mahesh Dadoda 08/28/2025



#44
Trichloroethene
Concen: 49.098 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.012 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

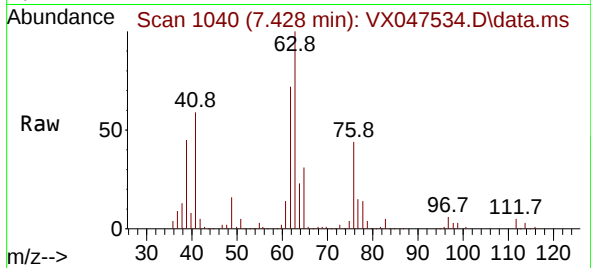
Tgt Ion:130 Resp: 146092
Ion Ratio Lower Upper
130 100
95 102.4 0.0 198.6





#45
1,2-Dichloropropane
Concen: 52.440 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

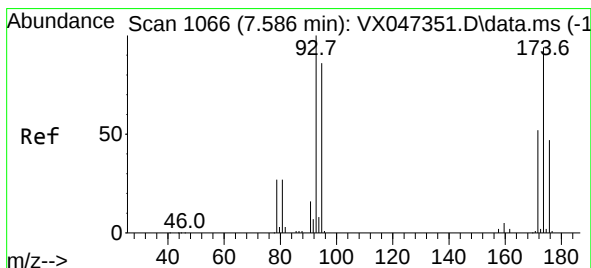
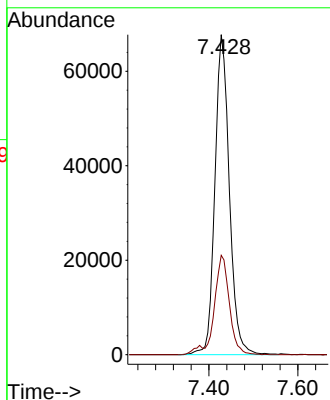
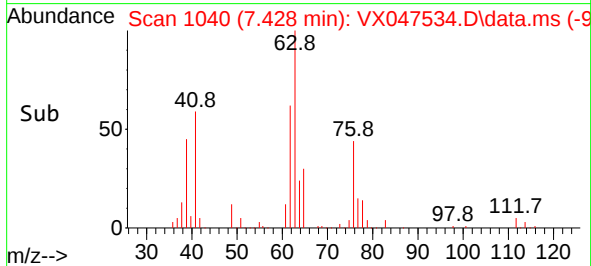
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



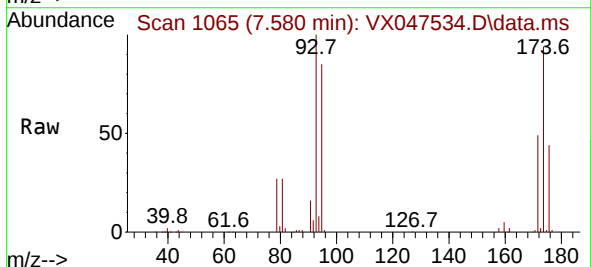
Tgt Ion: 63 Resp: 152664
Ion Ratio Lower Upper
63 100
65 31.0 23.8 35.6

Manual Integrations
APPROVED

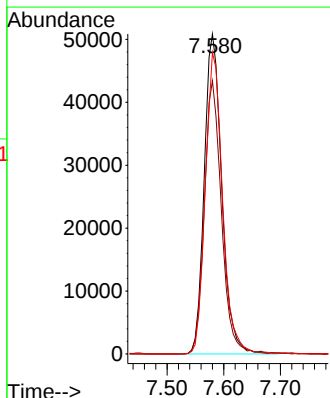
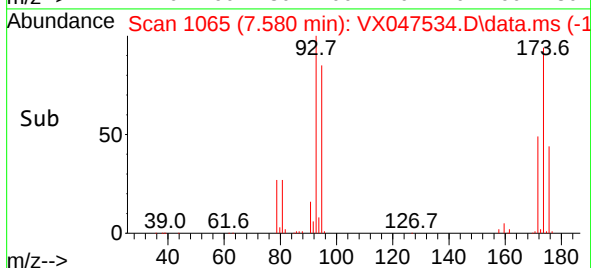
Reviewed By :John Carlone 08/28/2025
Supervised By :Mahesh Dadoda 08/28/2025

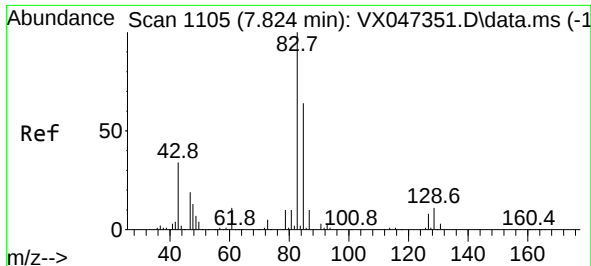


#46
Dibromomethane
Concen: 51.638 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23



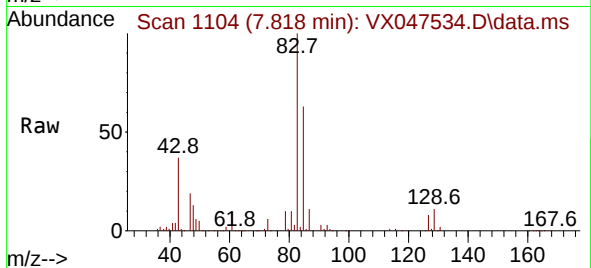
Tgt Ion: 93 Resp: 109137
Ion Ratio Lower Upper
93 100
95 83.1 68.0 102.0
174 93.0 75.8 113.6





#47
Bromodichloromethane
Concen: 52.726 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

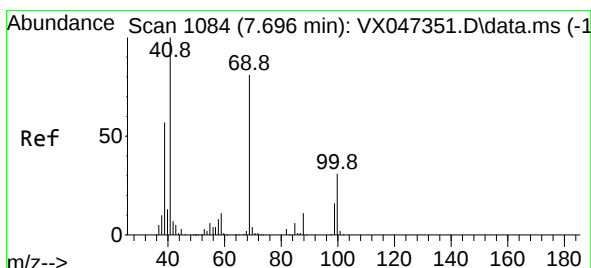
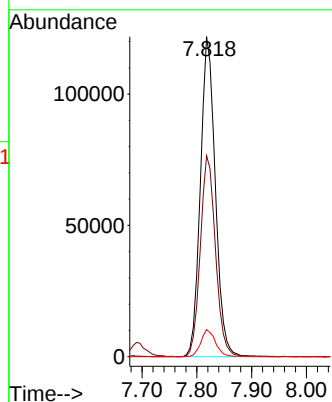
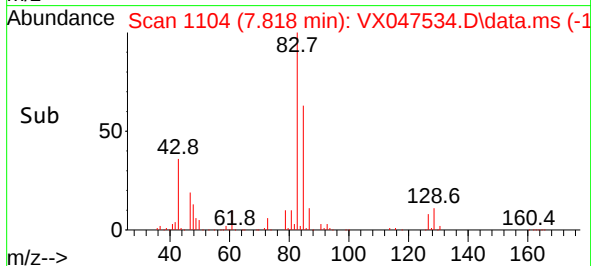
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 23102
Ion Ratio Lower Upper
83 100
85 62.8 51.0 76.6
127 8.5 7.0 10.4

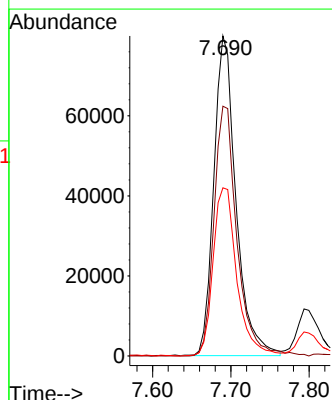
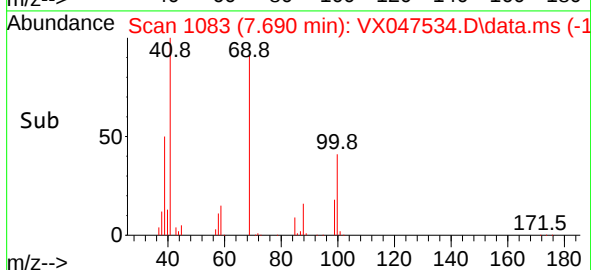
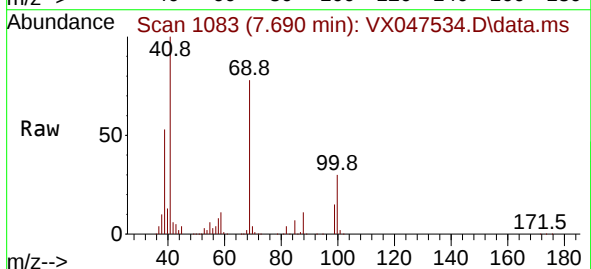
Manual Integrations
APPROVED

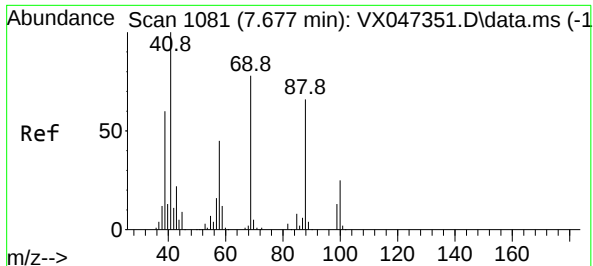
Reviewed By :John Carlone 08/28/2025
Supervised By :Mahesh Dadoda 08/28/2025



#48
Methyl methacrylate
Concen: 52.284 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

Tgt Ion: 41 Resp: 157136
Ion Ratio Lower Upper
41 100
69 81.1 65.0 97.4
39 56.3 45.7 68.5





#49

1,4-Dioxane

Concen: 1279.159 ug/l

RT: 7.671 min Scan# 1081

Delta R.T. -0.006 min

Lab File: VX047534.D

Acq: 27 Aug 2025 12:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

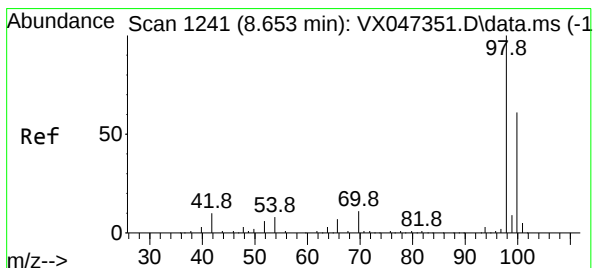
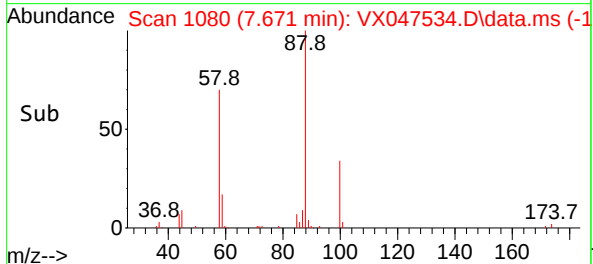
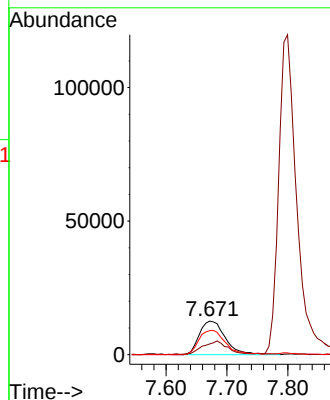
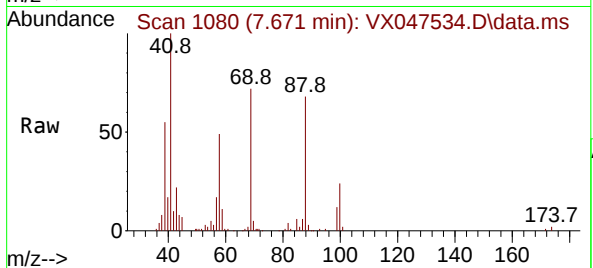
Tgt Ion:	88	Resp:	3737
Ion	Ratio	Lower	Upper
88	100		
43	36.6	32.4	48.6
58	73.3	56.9	85.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/28/2025

Supervised By :Mahesh Dadoda 08/28/2025



#50

Toluene-d8

Concen: 48.630 ug/l

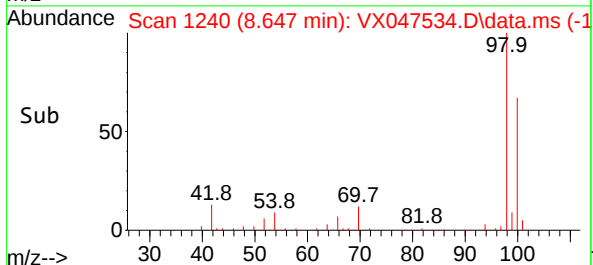
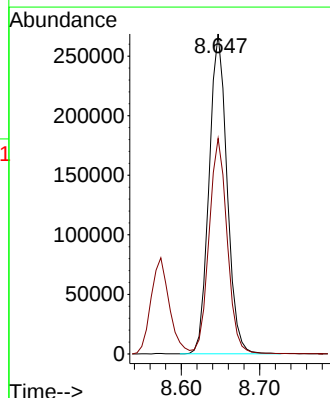
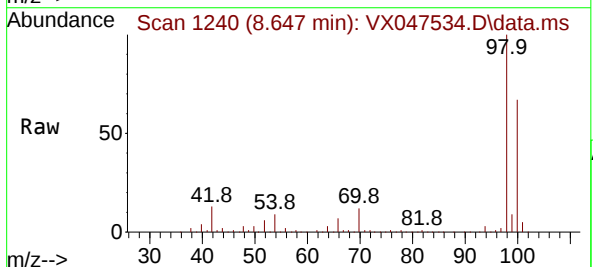
RT: 8.647 min Scan# 1240

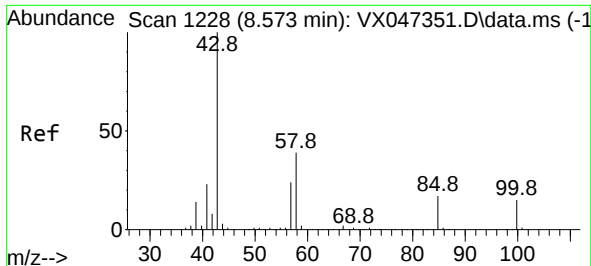
Delta R.T. -0.006 min

Lab File: VX047534.D

Acq: 27 Aug 2025 12:23

Tgt Ion:	98	Resp:	427485
Ion	Ratio	Lower	Upper
98	100		
100	68.1	53.9	80.9





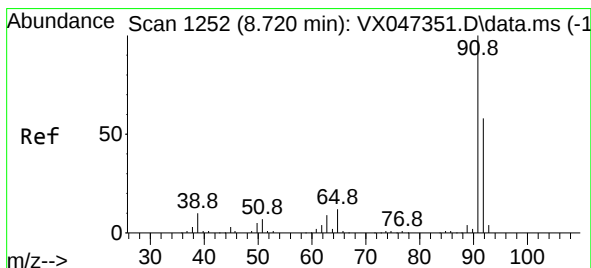
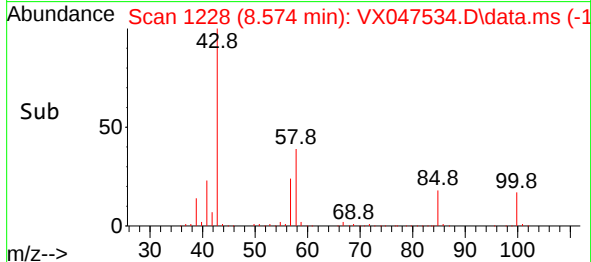
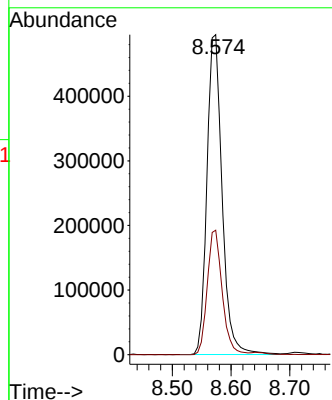
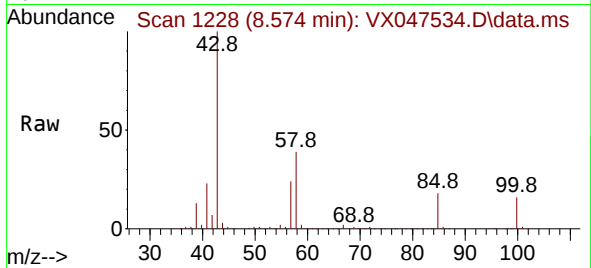
#51
4-Methyl-2-Pentanone
Concen: 266.511 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 888010
Ion Ratio Lower Upper
43 100
58 38.2 31.2 46.8

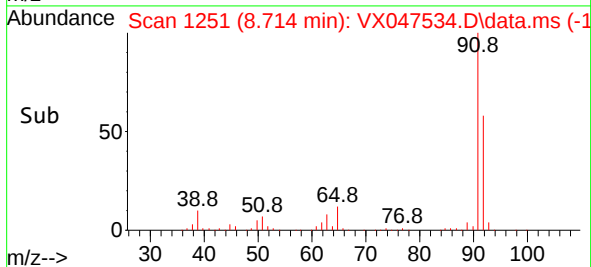
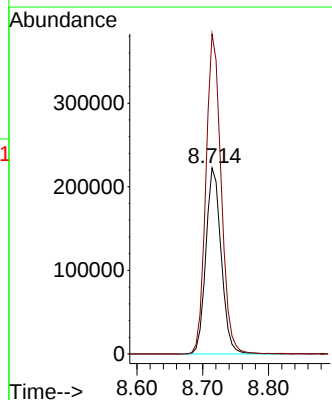
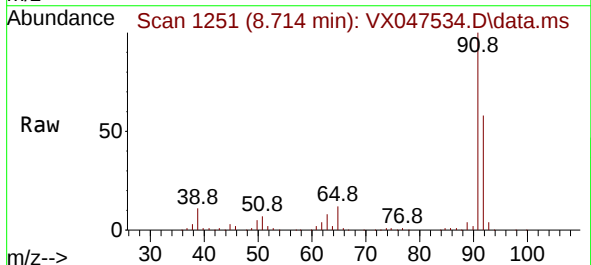
Manual Integrations
APPROVED

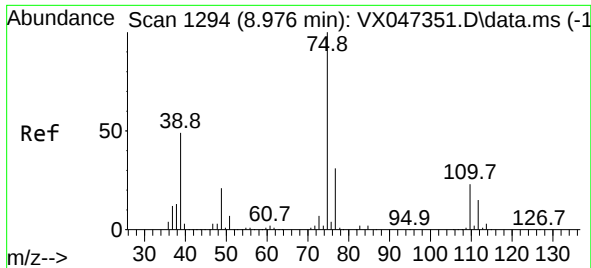
Reviewed By :John Carlone 08/28/2025
Supervised By :Mahesh Dadoda 08/28/2025



#52
Toluene
Concen: 50.198 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

Tgt Ion: 92 Resp: 360456
Ion Ratio Lower Upper
92 100
91 171.4 136.3 204.5





#53
t-1,3-Dichloropropene
Concen: 56.409 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

Instrument :

MSVOA_X

ClientSampleId :

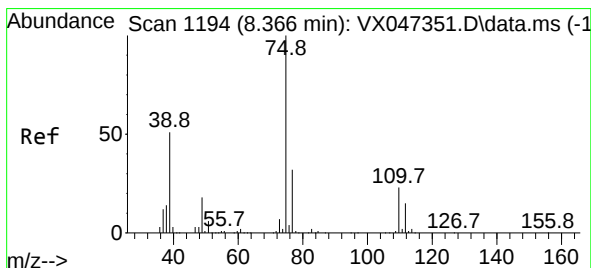
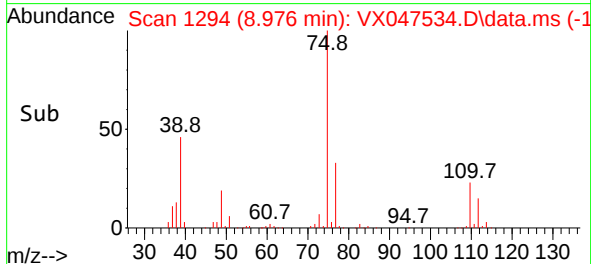
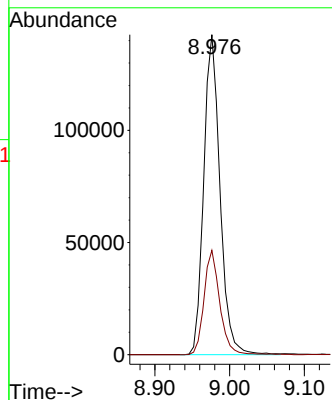
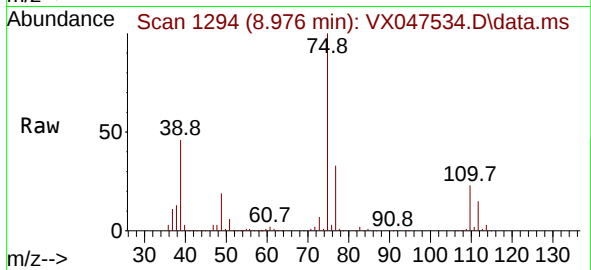
VSTDCCC050

Tgt Ion: 75 Resp: 21570
Ion Ratio Lower Upper
75 100
77 32.6 24.7 37.1

Manual Integrations

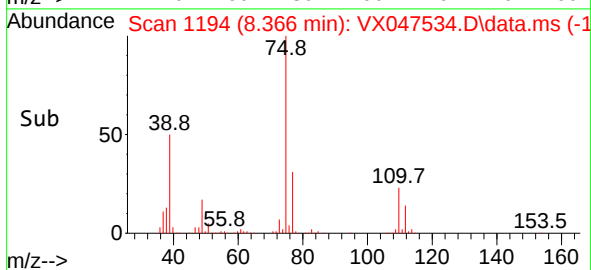
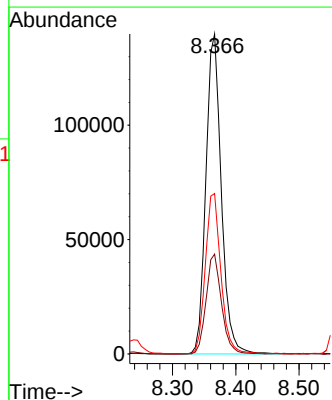
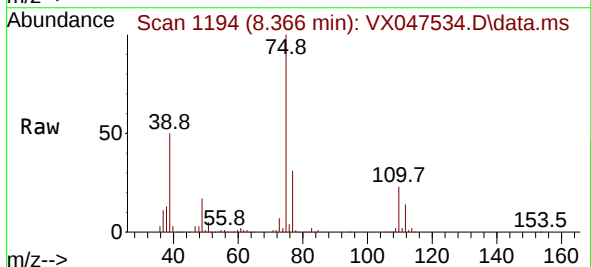
APPROVED

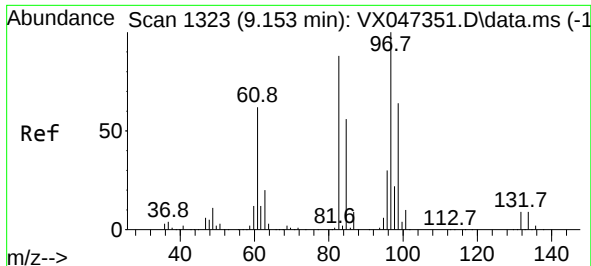
Reviewed By :John Carlone 08/28/2025
Supervised By :Mahesh Dadoda 08/28/2025



#54
cis-1,3-Dichloropropene
Concen: 54.845 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

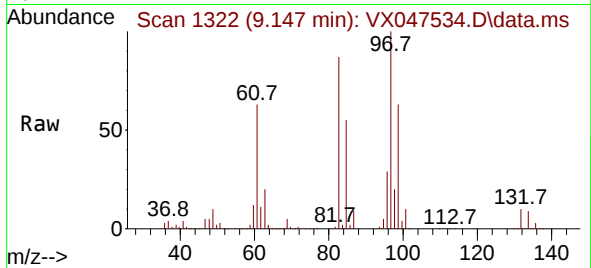
Tgt Ion: 75 Resp: 237389
Ion Ratio Lower Upper
75 100
77 31.2 25.6 38.4
39 49.5 40.9 61.3





#55
1,1,2-Trichloroethane
Concen: 51.983 ug/l
RT: 9.147 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

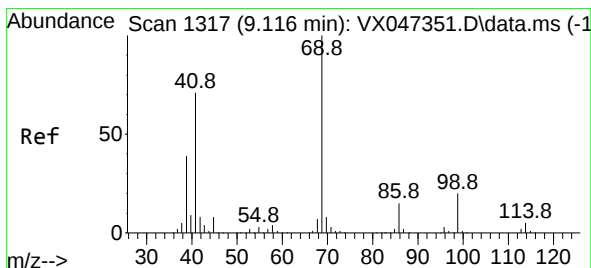
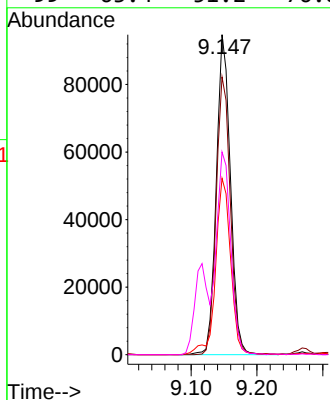
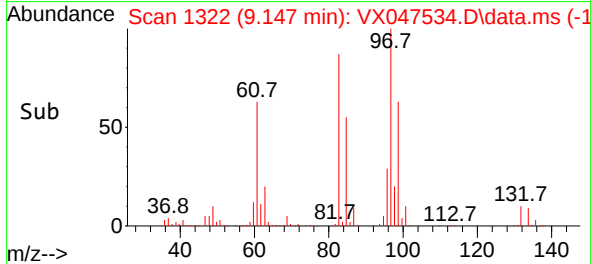
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



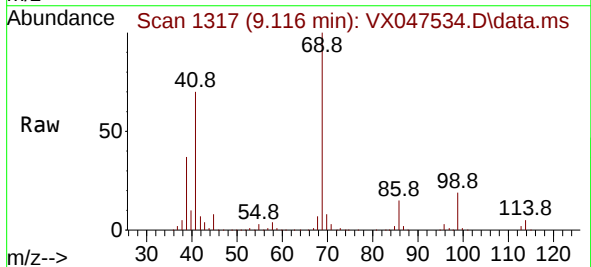
Tgt Ion: 97 Resp: 141724
Ion Ratio Lower Upper
97 100
83 86.8 70.6 106.0
85 55.1 44.7 67.1
99 63.4 51.2 76.8

Manual Integrations
APPROVED

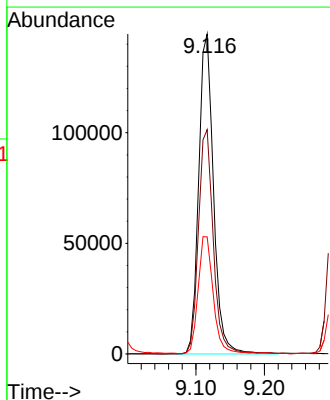
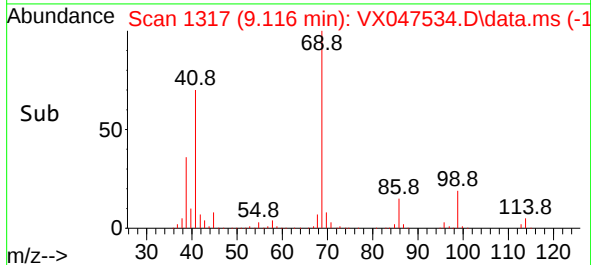
Reviewed By :John Carlone 08/28/2025
Supervised By :Mahesh Dadoda 08/28/2025

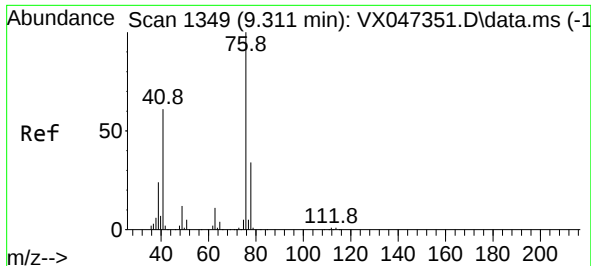


#56
Ethyl methacrylate
Concen: 54.350 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23



Tgt Ion: 69 Resp: 218464
Ion Ratio Lower Upper
69 100
41 70.6 55.3 82.9
39 36.9 30.2 45.2





#57

1,3-Dichloropropane

Concen: 52.992 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX047534.D

Acq: 27 Aug 2025 12:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 24618

Ion Ratio Lower Upper

76 100

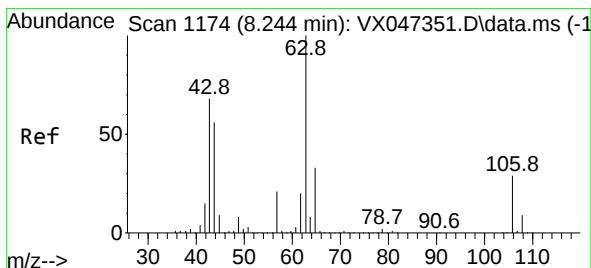
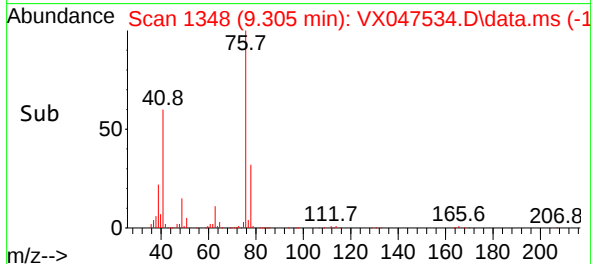
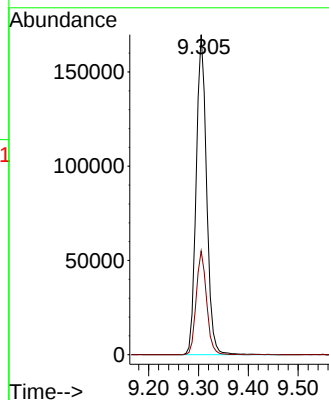
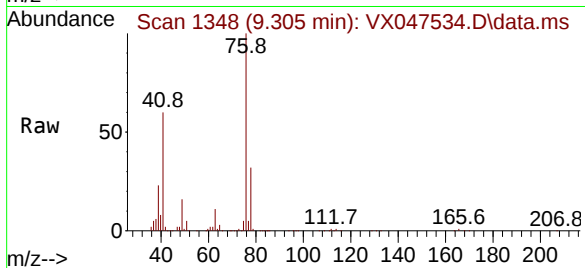
78 32.2 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/28/2025

Supervised By :Mahesh Dadoda 08/28/2025



#58

2-Chloroethyl Vinyl ether

Concen: 265.419 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX047534.D

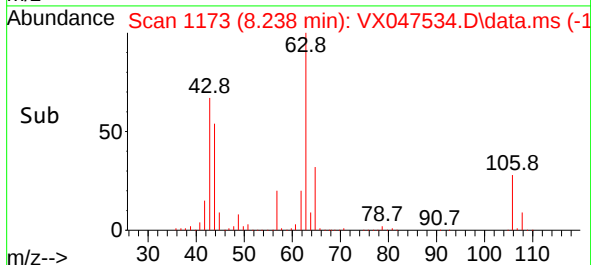
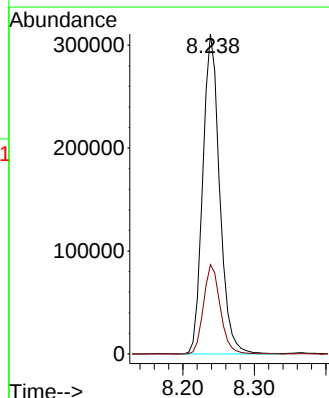
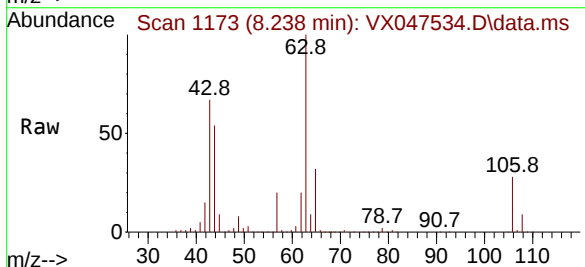
Acq: 27 Aug 2025 12:23

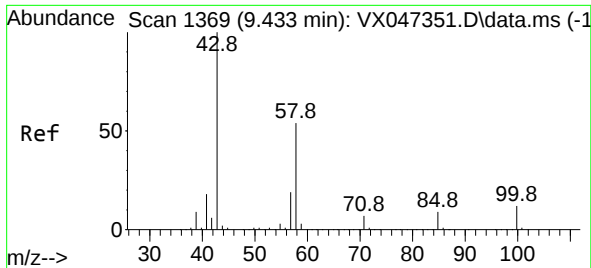
Tgt Ion: 63 Resp: 510467

Ion Ratio Lower Upper

63 100

106 27.7 22.8 34.2





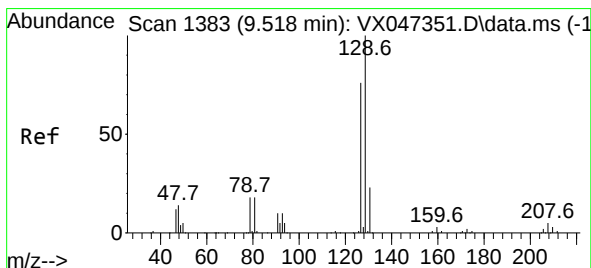
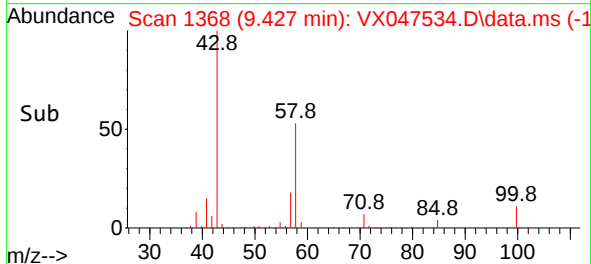
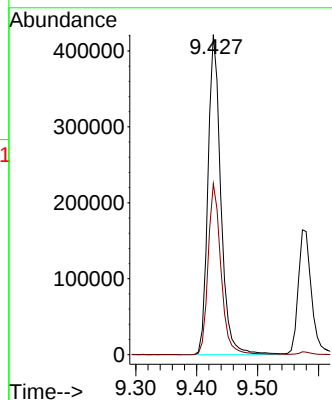
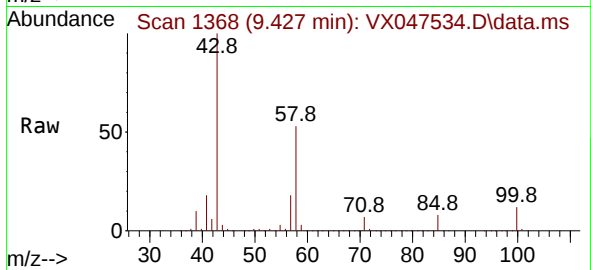
#59
2-Hexanone
Concen: 269.484 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 621110
Ion Ratio Lower Upper
43 100
58 53.4 26.9 80.7

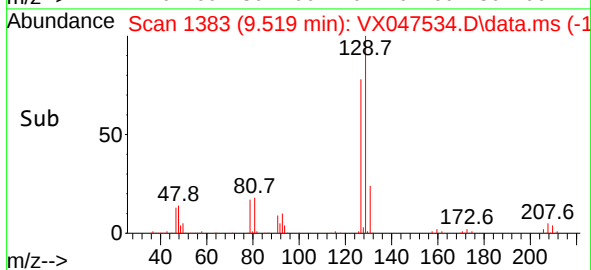
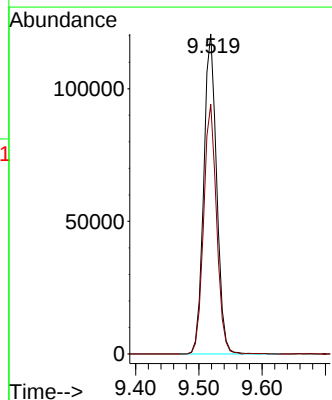
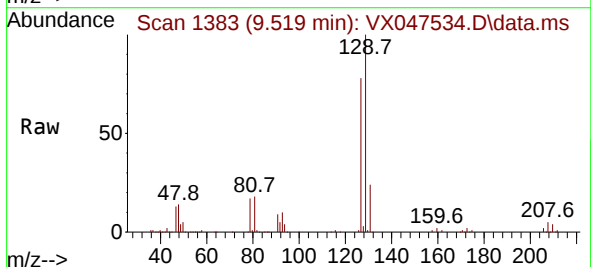
Manual Integrations
APPROVED

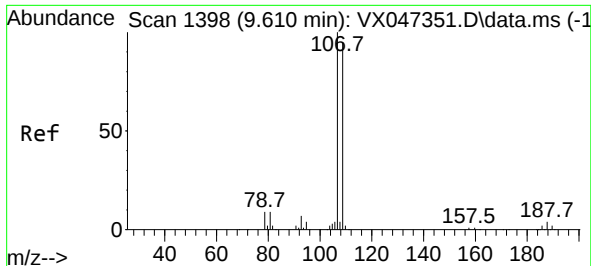
Reviewed By :John Carlone 08/28/2025
Supervised By :Mahesh Dadoda 08/28/2025



#60
Dibromochloromethane
Concen: 52.957 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

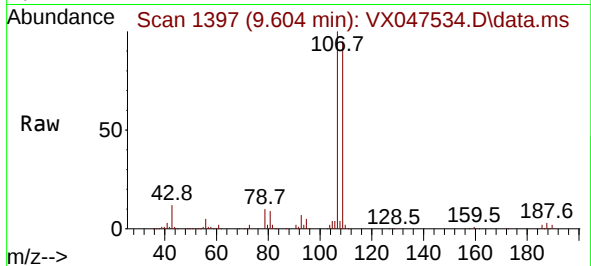
Tgt Ion:129 Resp: 171582
Ion Ratio Lower Upper
129 100
127 78.3 38.9 116.6





#61
1,2-Dibromoethane
Concen: 51.449 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.006 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

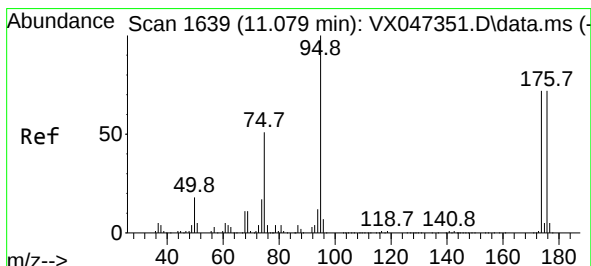
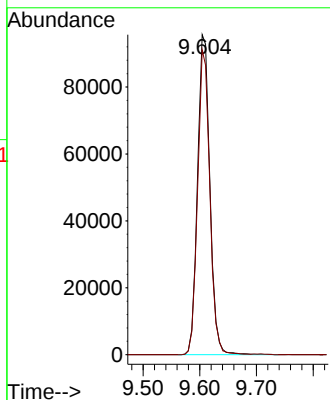
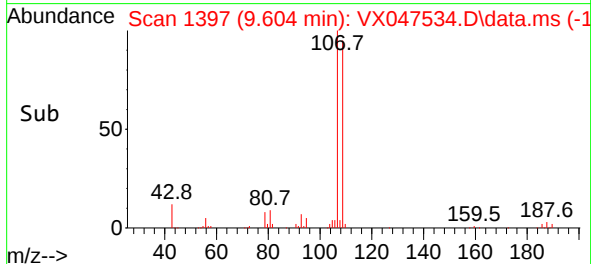
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



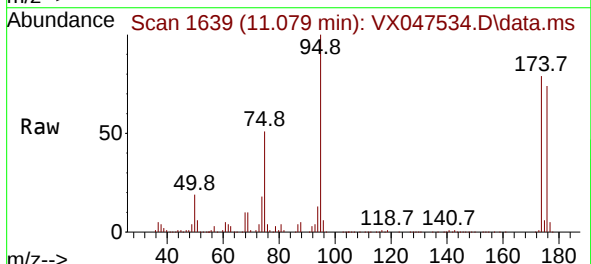
Tgt Ion:107 Resp: 144644
Ion Ratio Lower Upper
107 100
109 94.0 76.2 114.2

Manual Integrations
APPROVED

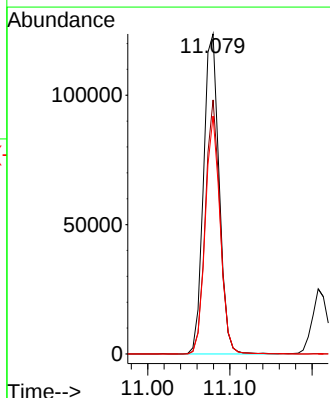
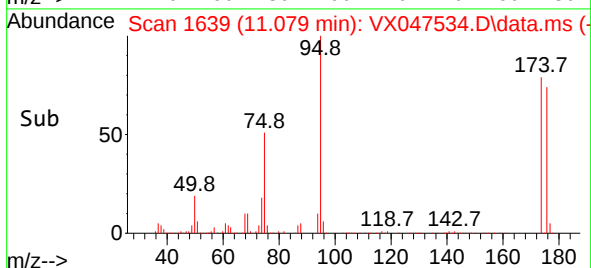
Reviewed By :John Carlone 08/28/2025
Supervised By :Mahesh Dadoda 08/28/2025

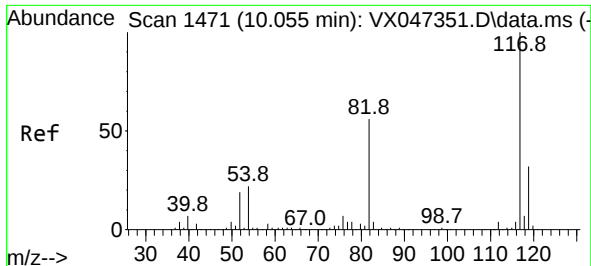


#62
4-Bromofluorobenzene
Concen: 50.208 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23



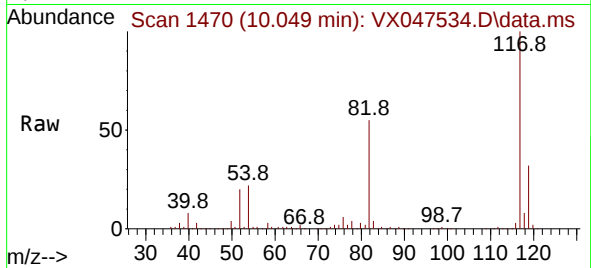
Tgt Ion: 95 Resp: 162870
Ion Ratio Lower Upper
95 100
174 74.7 0.0 148.0
176 71.0 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

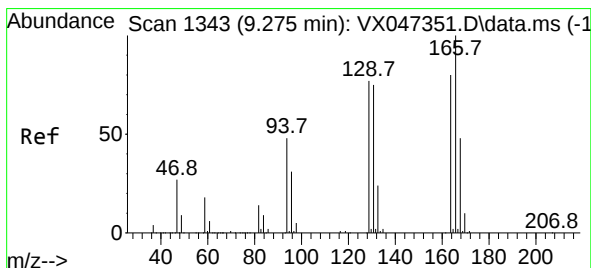
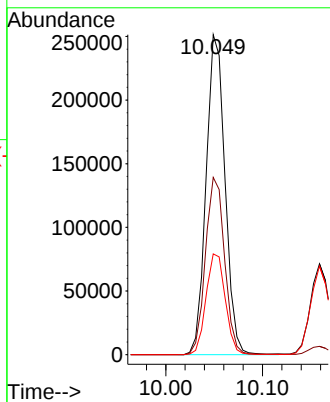
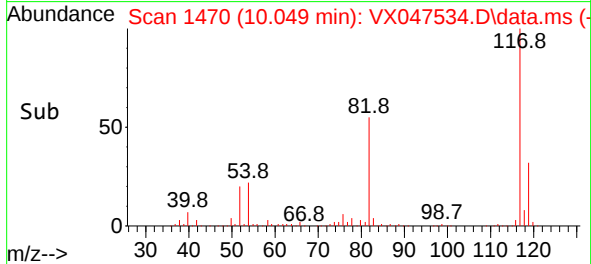
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 341098
Ion Ratio Lower Upper
117 100
82 55.4 45.0 67.4
119 31.5 25.8 38.8

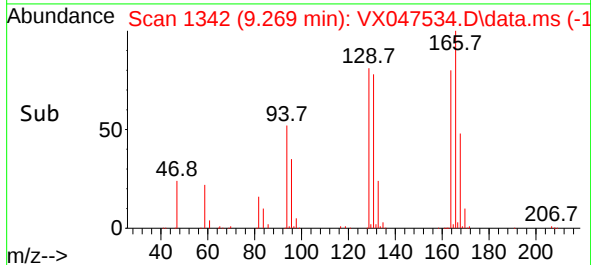
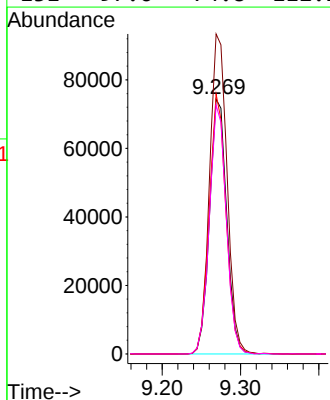
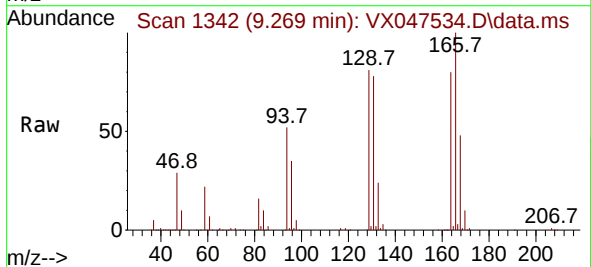
Manual Integrations
APPROVED

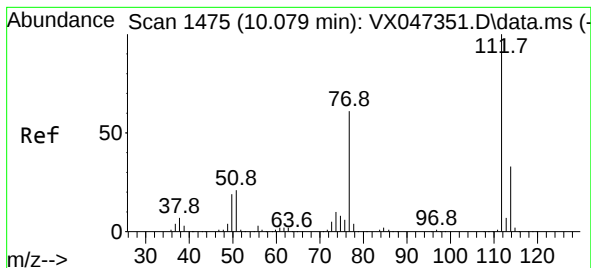
Reviewed By :John Carlone 08/28/2025
Supervised By :Mahesh Dadoda 08/28/2025



#64
Tetrachloroethene
Concen: 45.831 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

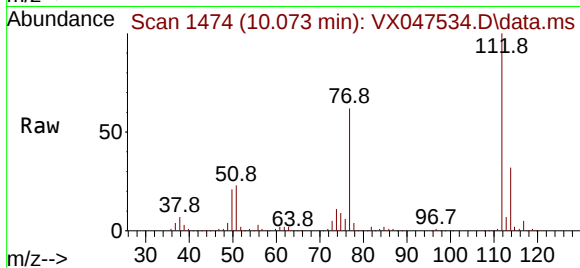
Tgt Ion:164 Resp: 113074
Ion Ratio Lower Upper
164 100
166 125.6 100.3 150.5
129 102.0 77.7 116.5
131 97.6 74.8 112.2





#65
Chlorobenzene
Concen: 50.371 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

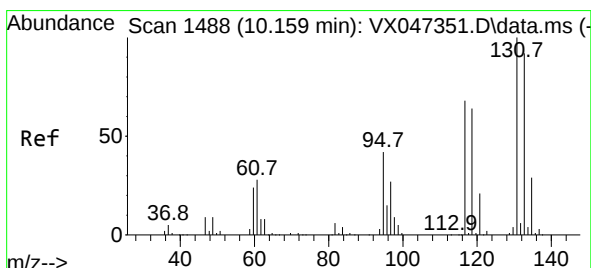
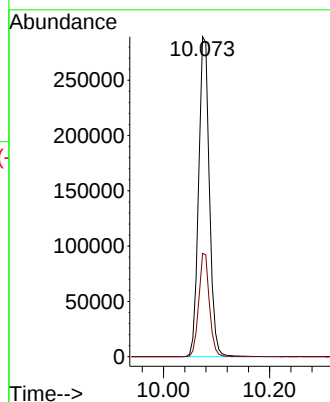
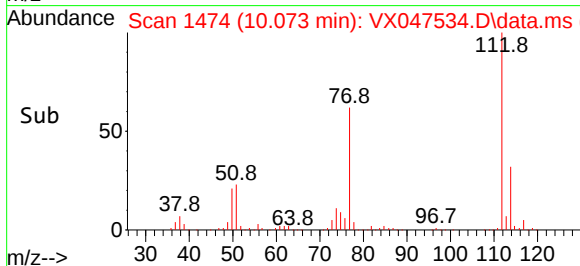
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 408295
Ion Ratio Lower Upper
112 100
114 32.3 26.4 39.6

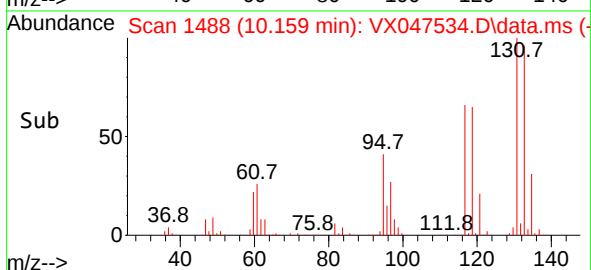
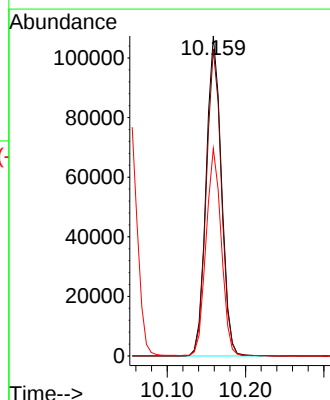
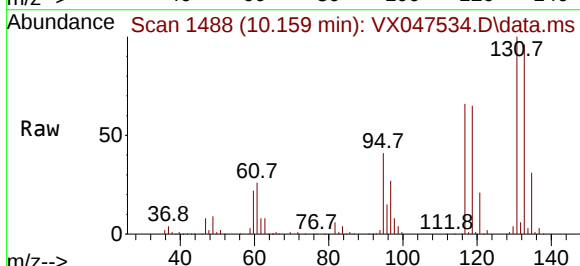
Manual Integrations
APPROVED

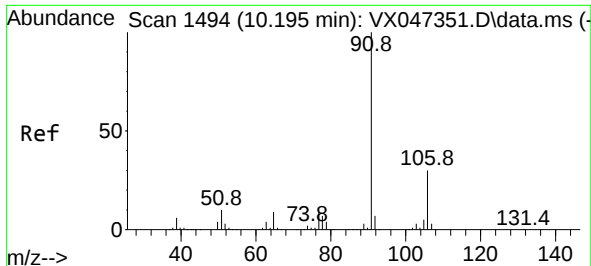
Reviewed By :John Carlone 08/28/2025
Supervised By :Mahesh Dadoda 08/28/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 52.989 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

Tgt Ion:131 Resp: 145196
Ion Ratio Lower Upper
131 100
133 94.9 47.6 142.9
119 64.4 32.3 96.8





#67

Ethyl Benzene

Concen: 49.471 ug/l

RT: 10.189 min Scan# 1494

Delta R.T. -0.006 min

Lab File: VX047534.D

Acq: 27 Aug 2025 12:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 690184

Ion Ratio Lower Upper

91 100

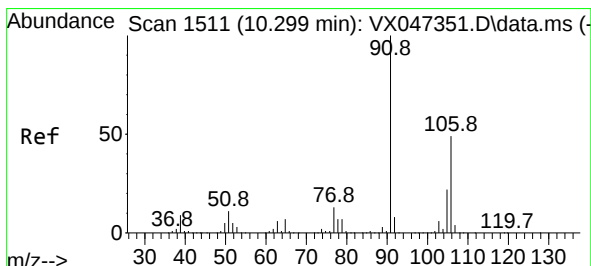
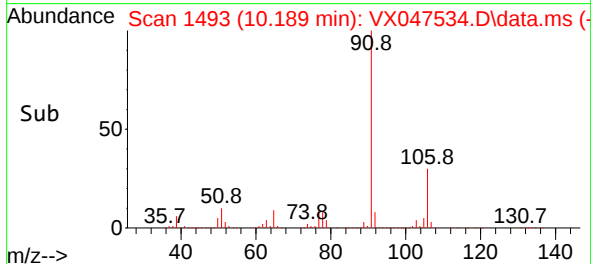
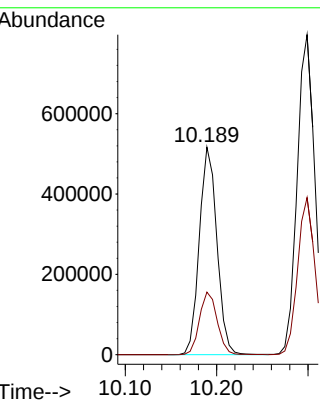
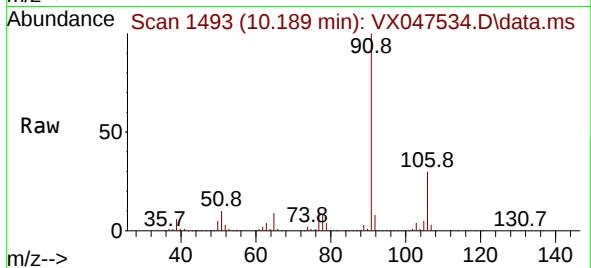
106 30.2 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/28/2025

Supervised By :Mahesh Dadoda 08/28/2025



#68

m/p-Xylenes

Concen: 99.958 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX047534.D

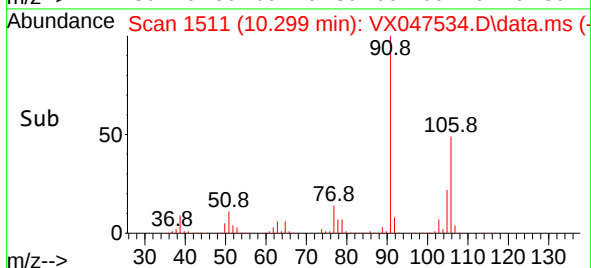
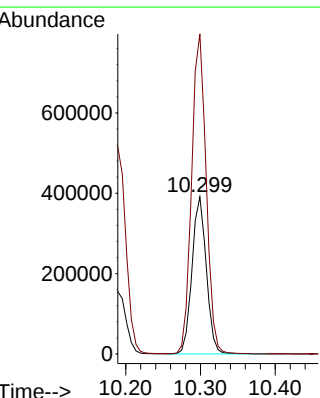
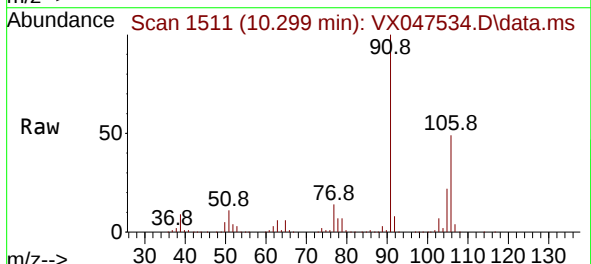
Acq: 27 Aug 2025 12:23

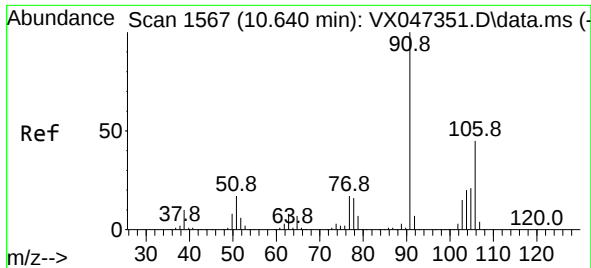
Tgt Ion:106 Resp: 519991

Ion Ratio Lower Upper

106 100

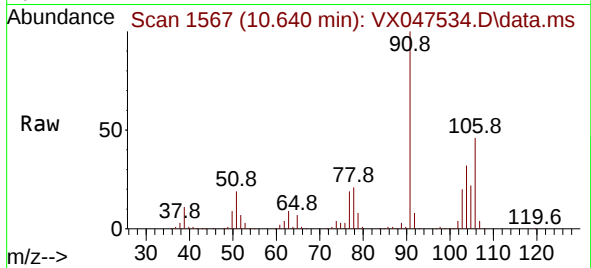
91 207.3 164.7 247.1





#69
o-Xylene
Concen: 50.854 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

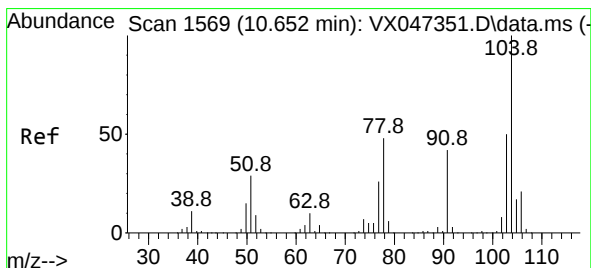
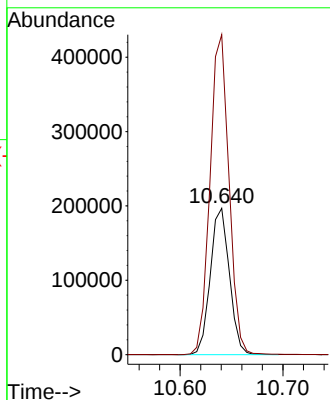
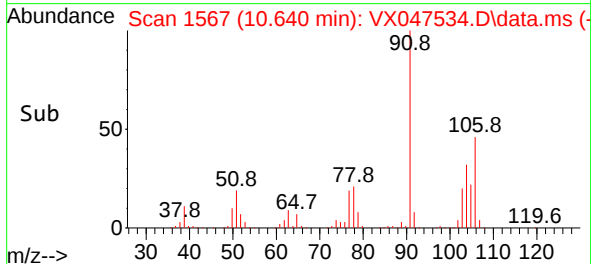
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 254582
Ion Ratio Lower Upper
106 100
91 217.5 110.6 331.8

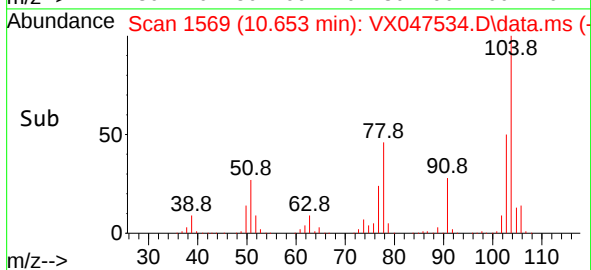
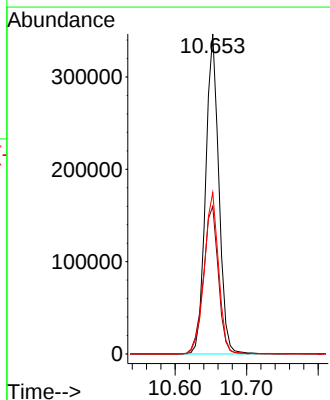
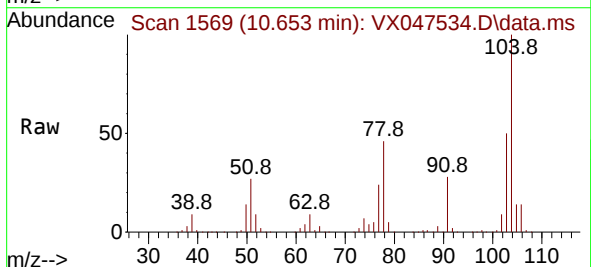
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/28/2025
Supervised By :Mahesh Dadoda 08/28/2025



#70
Styrene
Concen: 52.645 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

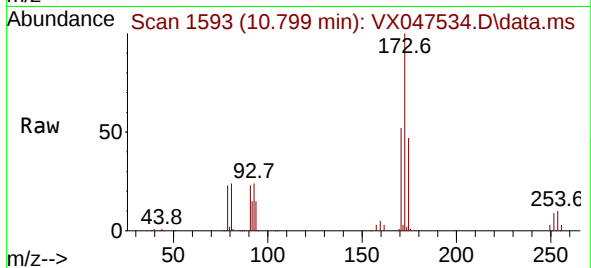
Tgt Ion:104 Resp: 445313
Ion Ratio Lower Upper
104 100
78 52.1 41.8 62.8
103 54.5 43.6 65.4





#71
Bromoform
Concen: 52.139 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

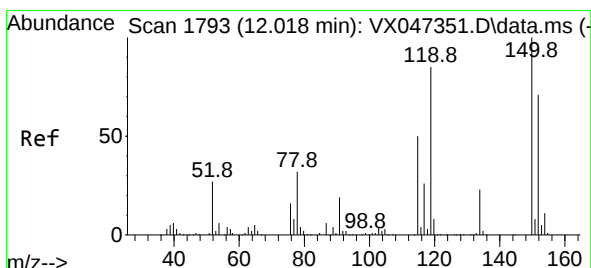
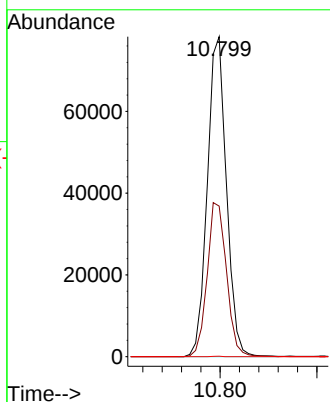
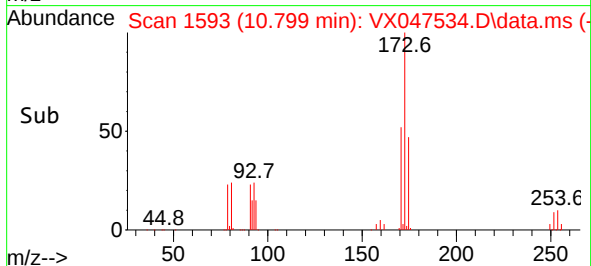
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



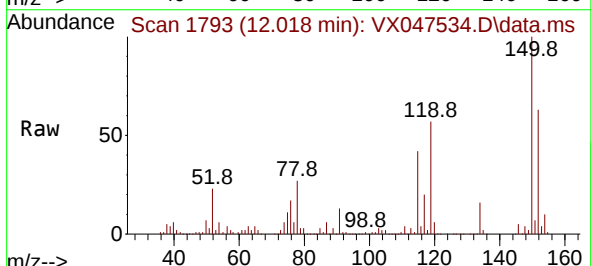
Tgt Ion:173 Resp: 107330
Ion Ratio Lower Upper
173 100
175 48.9 24.4 73.4
254 0.1 0.1 0.1

Manual Integrations
APPROVED

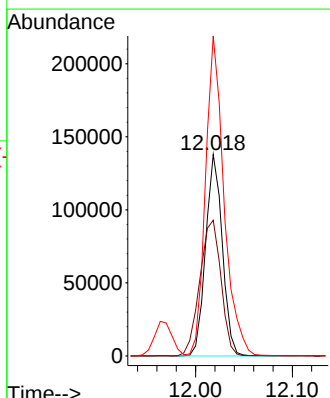
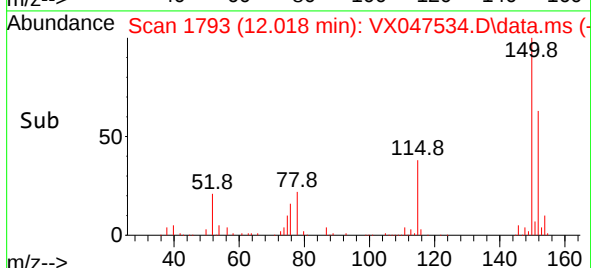
Reviewed By :John Carlone 08/28/2025
Supervised By :Mahesh Dadoda 08/28/2025

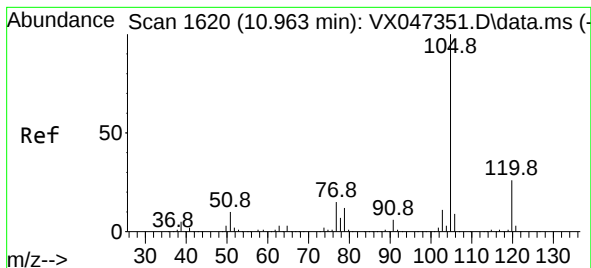


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23



Tgt Ion:152 Resp: 165835
Ion Ratio Lower Upper
152 100
115 85.5 44.6 133.8
150 176.7 0.0 349.8





#73

Isopropylbenzene

Concen: 50.152 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.006 min

Lab File: VX047534.D

Acq: 27 Aug 2025 12:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 65084

Ion Ratio Lower Upper

105 100

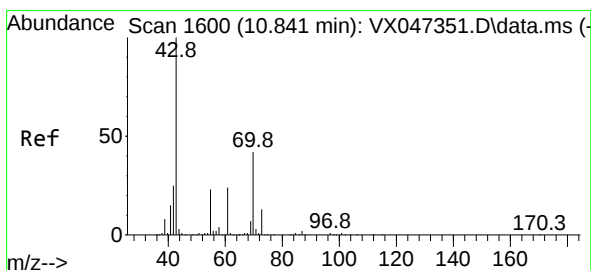
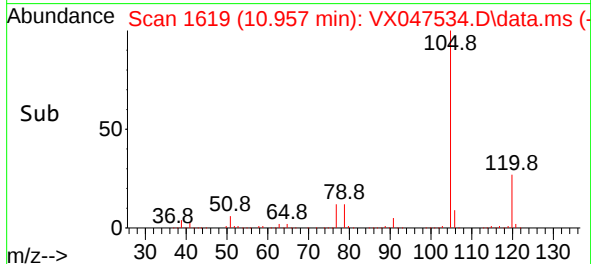
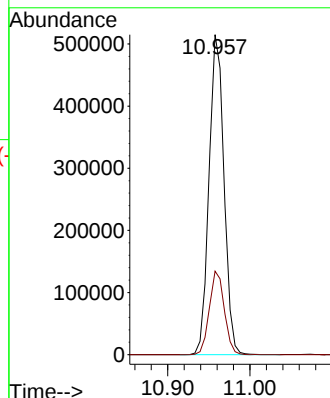
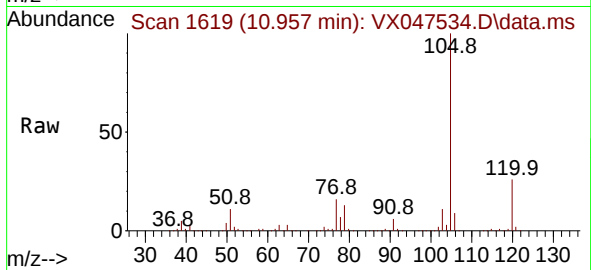
120 26.1 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/28/2025

Supervised By :Mahesh Dadoda 08/28/2025



#74

N-ethyl acetate

Concen: 54.728 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX047534.D

Acq: 27 Aug 2025 12:23

Tgt Ion: 43 Resp: 269701

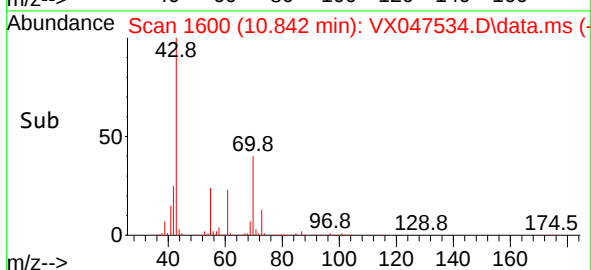
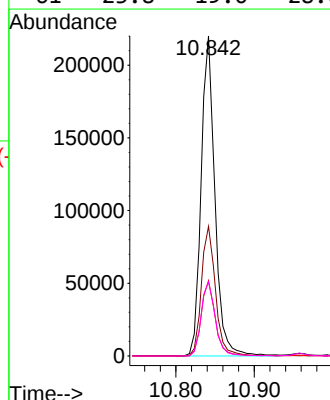
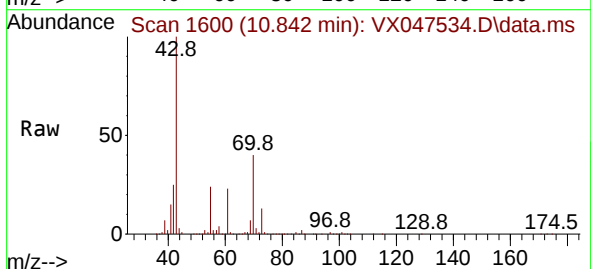
Ion Ratio Lower Upper

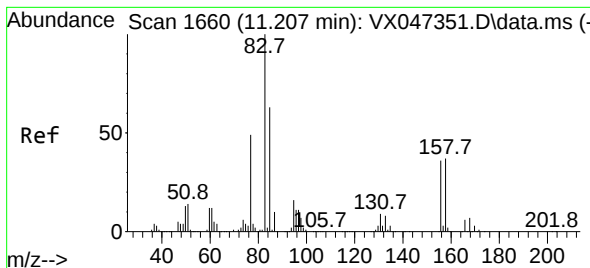
43 100

70 41.0 33.1 49.7

55 23.9 19.0 28.6

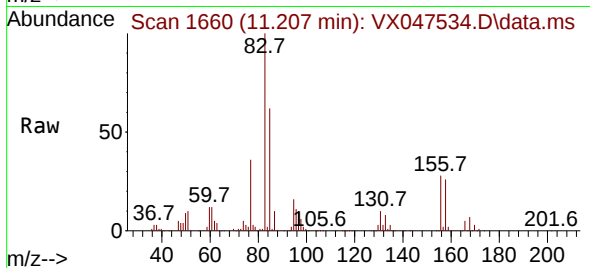
61 23.8 19.0 28.6





#75
1,1,2,2-Tetrachloroethane
Concen: 52.113 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

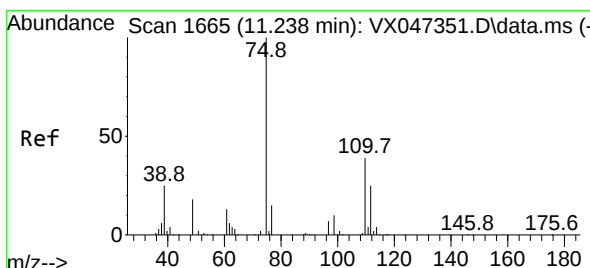
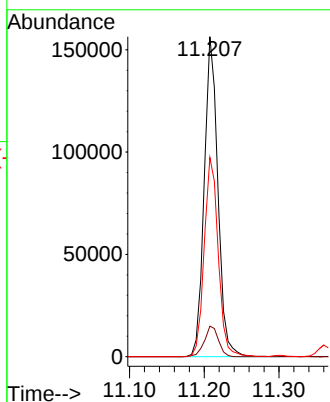
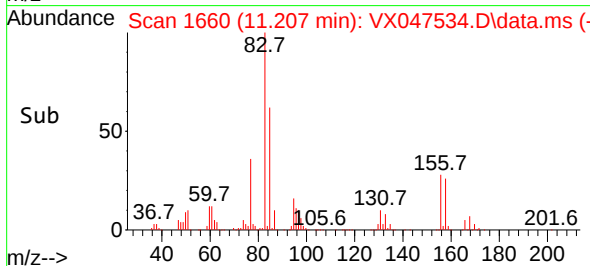
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 19856
Ion Ratio Lower Upper
83 100
131 9.9 5.0 15.0
85 63.7 31.7 95.1

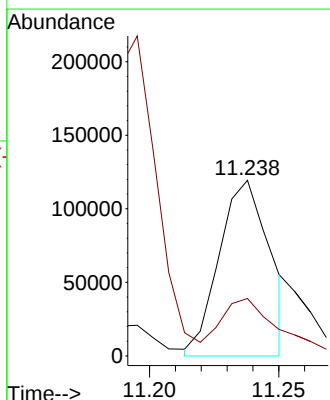
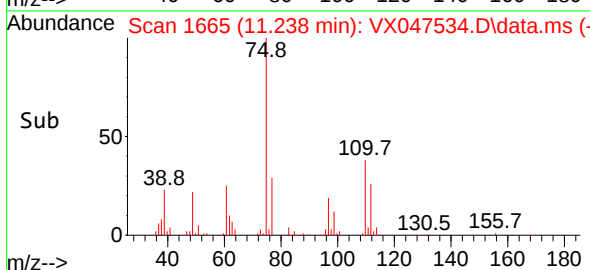
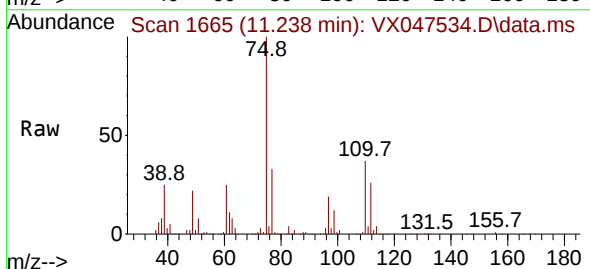
Manual Integrations
APPROVED

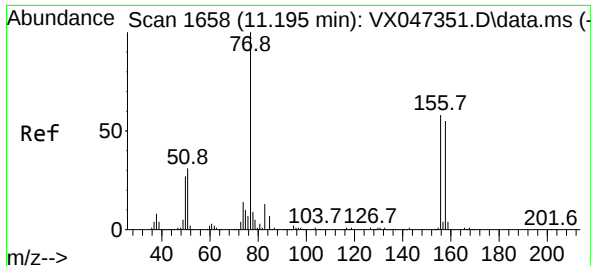
Reviewed By :John Carlone 08/28/2025
Supervised By :Mahesh Dadoda 08/28/2025



#76
1,2,3-Trichloropropane
Concen: 53.180 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

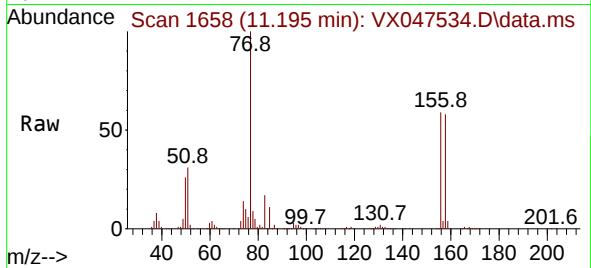
Tgt Ion: 75 Resp: 161753
Ion Ratio Lower Upper
75 100
77 38.0 19.4 58.2





#77
Bromobenzene
Concen: 52.037 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

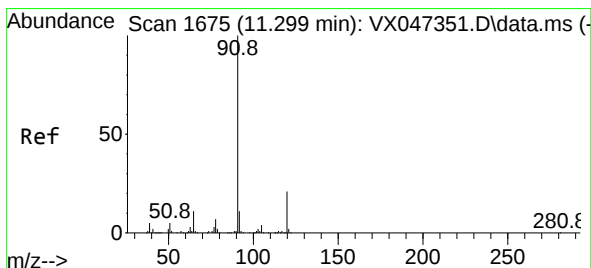
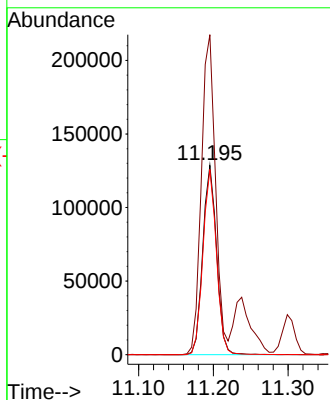
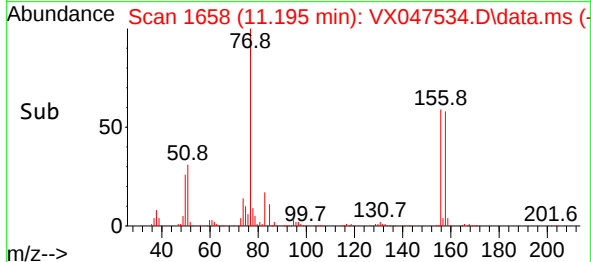
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 16490
Ion Ratio Lower Upper
156 100
77 173.3 86.3 258.9
158 96.1 48.0 144.2

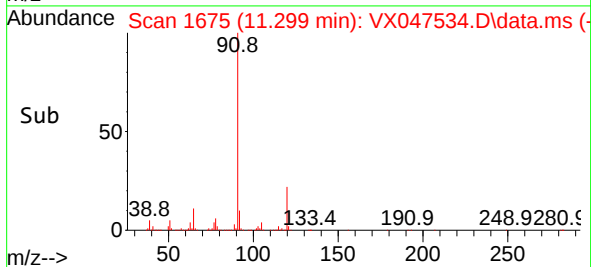
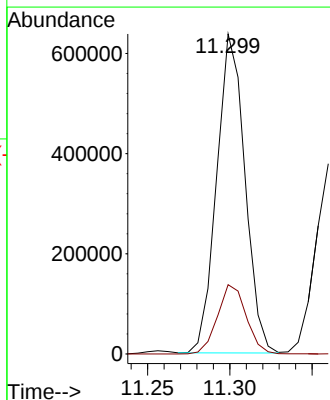
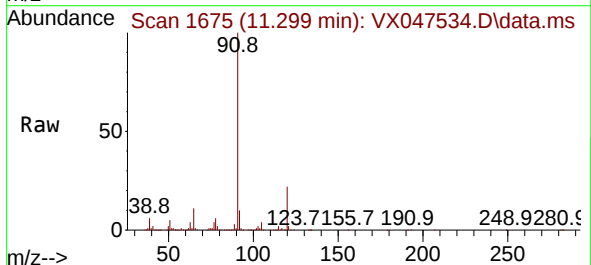
Manual Integrations
APPROVED

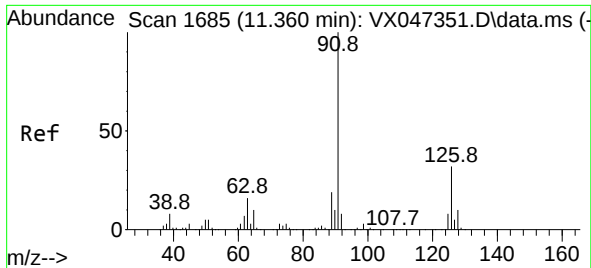
Reviewed By :John Carlone 08/28/2025
Supervised By :Mahesh Dadoda 08/28/2025



#78
n-propylbenzene
Concen: 49.163 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

Tgt Ion: 91 Resp: 761979
Ion Ratio Lower Upper
91 100
120 22.1 11.0 33.0





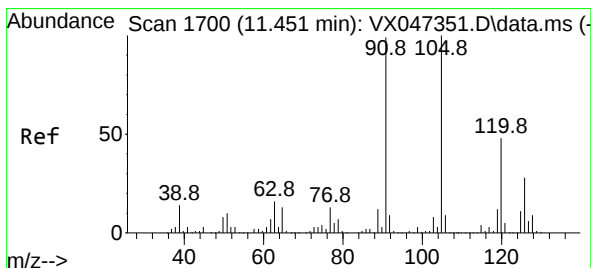
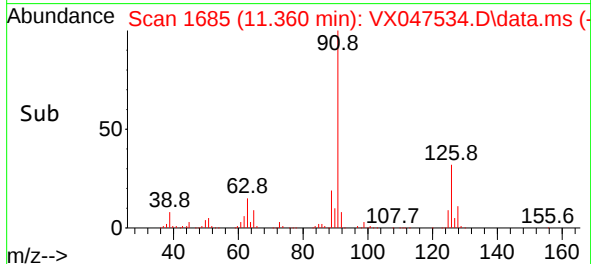
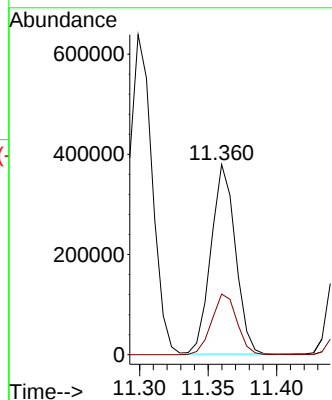
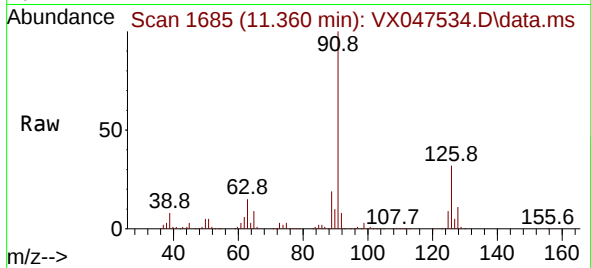
#79
2-Chlorotoluene
Concen: 50.247 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 470773
Ion Ratio Lower Upper
91 100
126 33.1 16.7 50.1

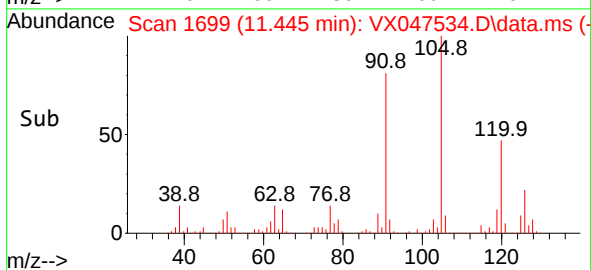
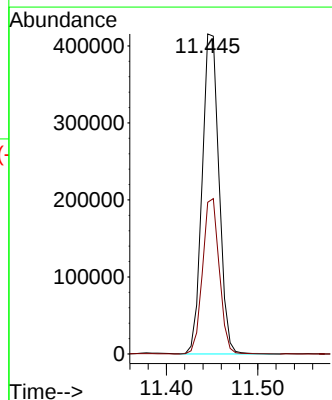
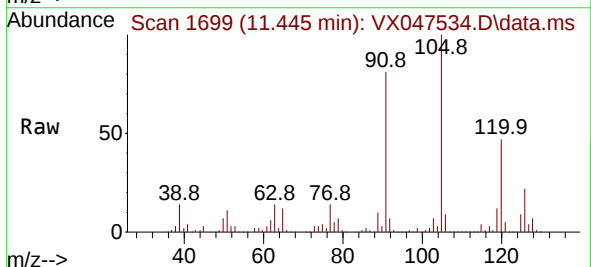
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/28/2025
Supervised By :Mahesh Dadoda 08/28/2025



#80
1,3,5-Trimethylbenzene
Concen: 49.832 ug/l
RT: 11.445 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

Tgt Ion:105 Resp: 532086
Ion Ratio Lower Upper
105 100
120 48.1 23.9 71.7





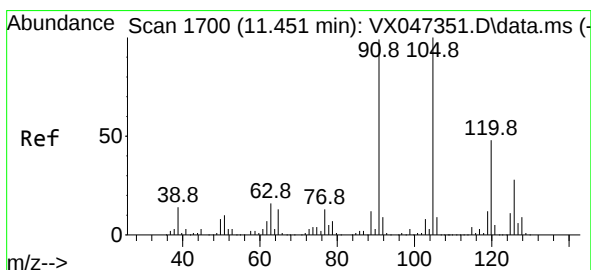
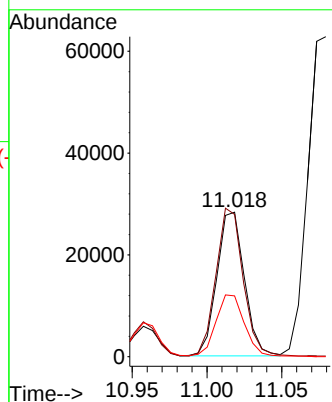
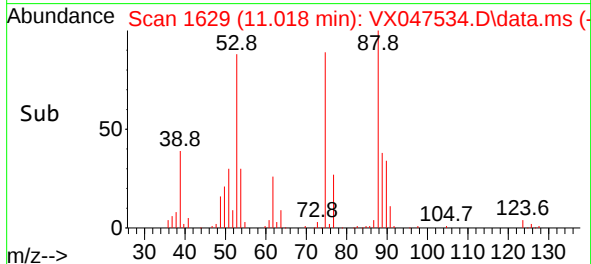
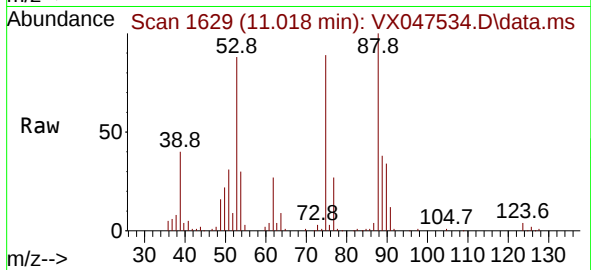
#81
trans-1,4-Dichloro-2-butene
Concen: 51.302 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 36068
Ion Ratio Lower Upper
75 100
53 102.0 85.2 127.8
89 45.1 36.7 55.1

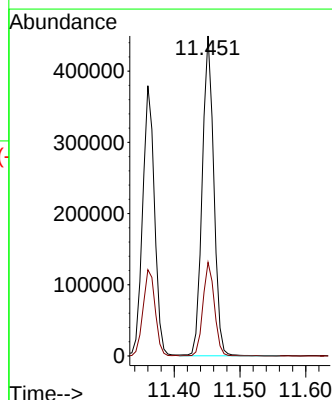
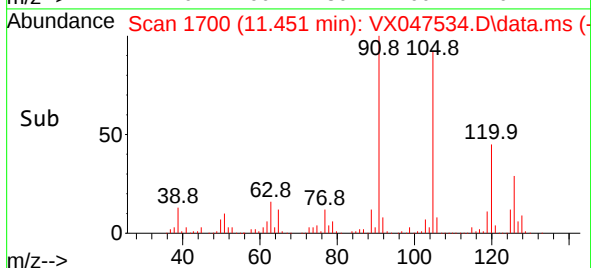
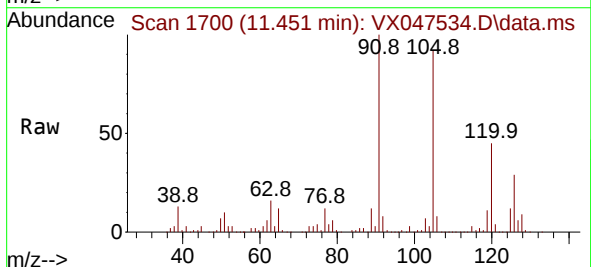
Manual Integrations
APPROVED

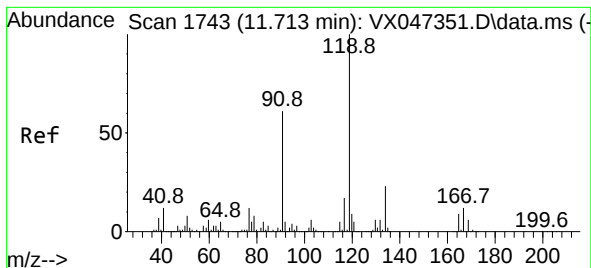
Reviewed By :John Carlone 08/28/2025
Supervised By :Mahesh Dadoda 08/28/2025



#82
4-Chlorotoluene
Concen: 49.588 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

Tgt Ion: 91 Resp: 547675
Ion Ratio Lower Upper
91 100
126 28.7 14.4 43.0





#83

tert-Butylbenzene

Concen: 50.017 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX047534.D

Acq: 27 Aug 2025 12:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

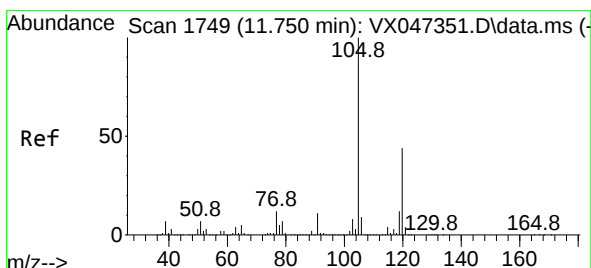
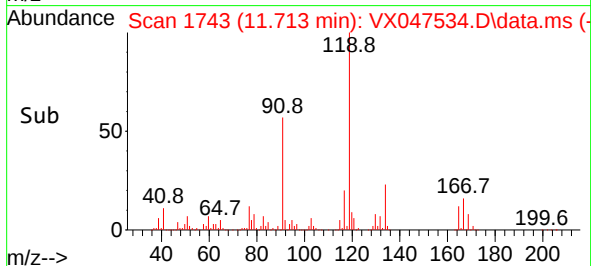
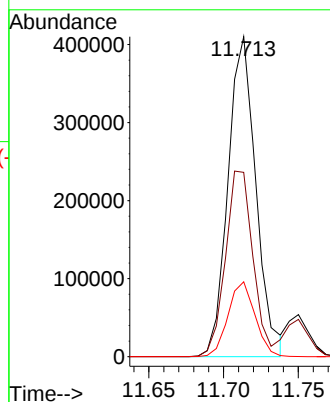
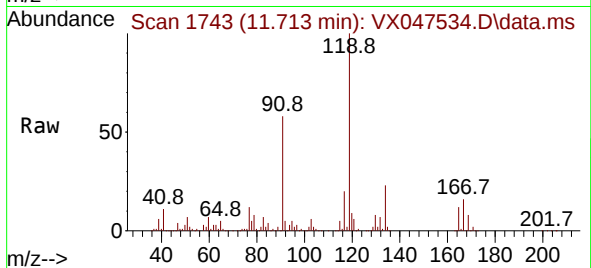
Tgt Ion:119 Resp: 532814
 Ion Ratio Lower Upper
 119 100
 91 57.0 29.1 87.4
 134 22.7 11.3 33.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/28/2025

Supervised By :Mahesh Dadoda 08/28/2025



#84

1,2,4-Trimethylbenzene

Concen: 50.751 ug/l

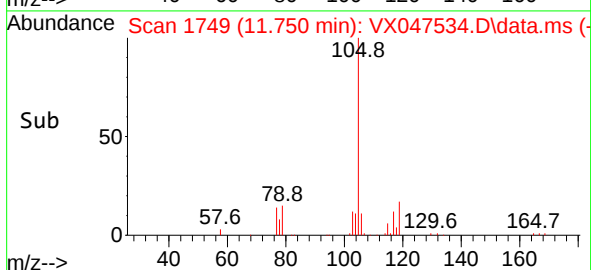
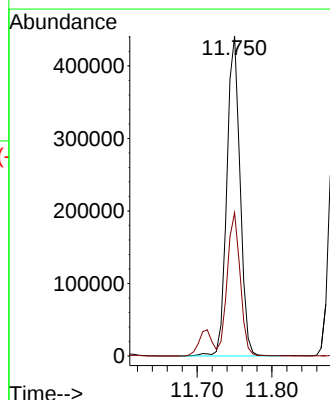
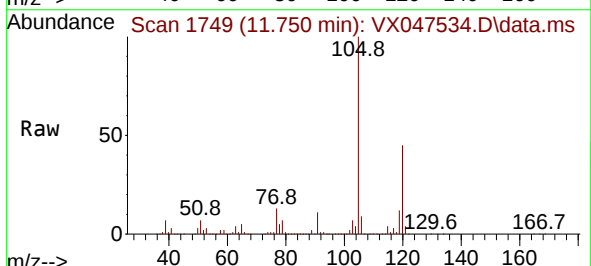
RT: 11.750 min Scan# 1749

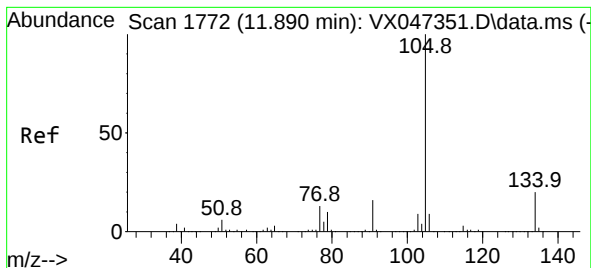
Delta R.T. 0.000 min

Lab File: VX047534.D

Acq: 27 Aug 2025 12:23

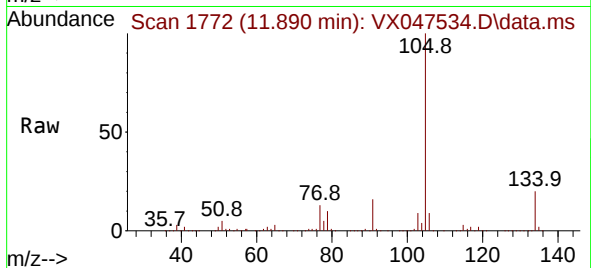
Tgt Ion:105 Resp: 541908
 Ion Ratio Lower Upper
 105 100
 120 44.1 21.9 65.7





#85
 sec-Butylbenzene
 Concen: 46.816 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047534.D
 Acq: 27 Aug 2025 12:23

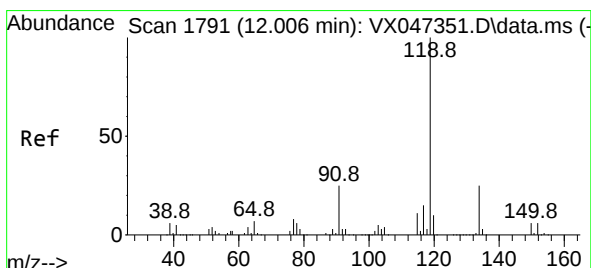
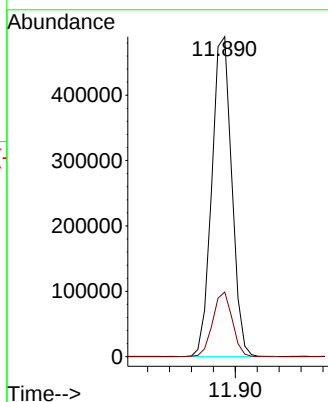
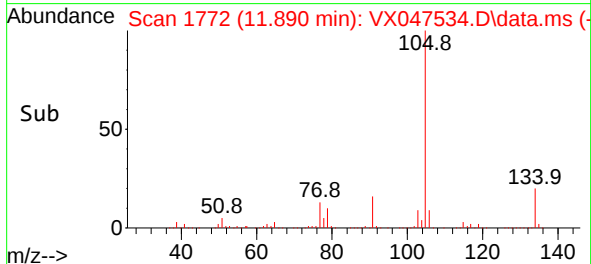
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 61814
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.5

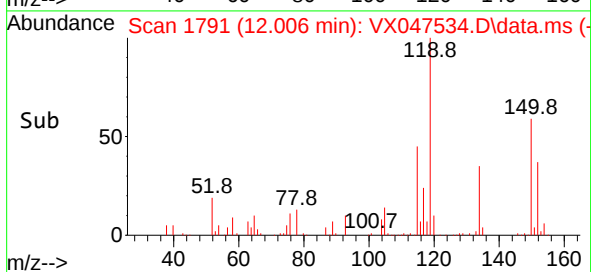
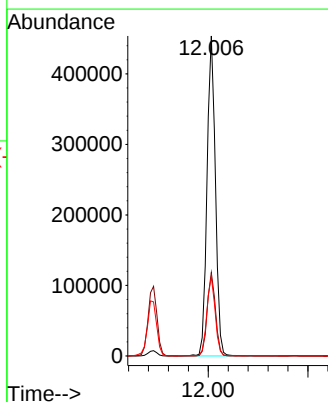
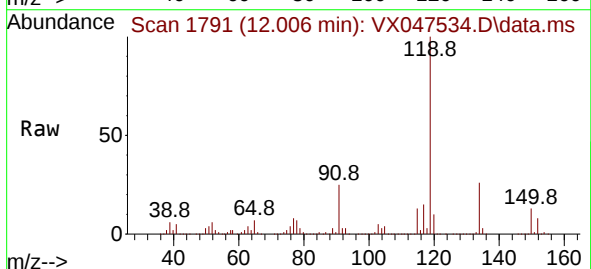
Manual Integrations
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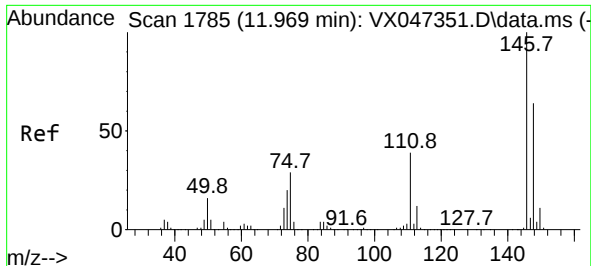
Reviewed By :John Carlone 08/28/2025
 Supervised By :Mahesh Dadoda 08/28/2025



#86
 p-Isopropyltoluene
 Concen: 47.201 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047534.D
 Acq: 27 Aug 2025 12:23

Tgt Ion:119 Resp: 527383
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.8 38.4
 91 24.6 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 49.307 ug/l

RT: 11.963 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VX047534.D

Acq: 27 Aug 2025 12:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 298500

Ion Ratio Lower Upper

146 100

111 42.2 20.6 61.8

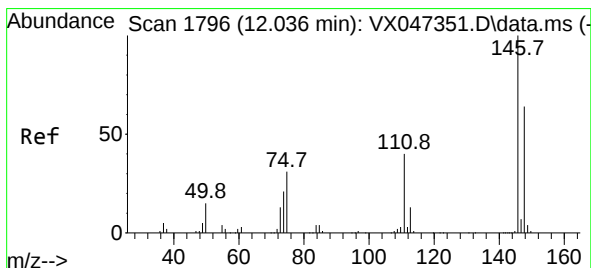
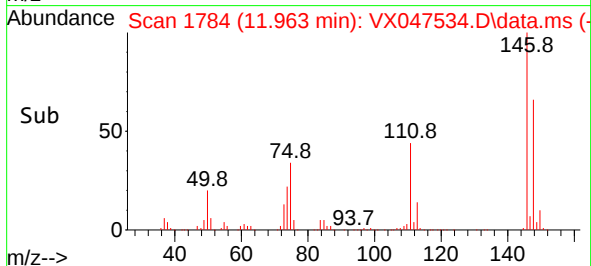
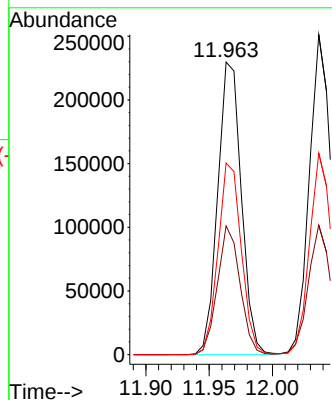
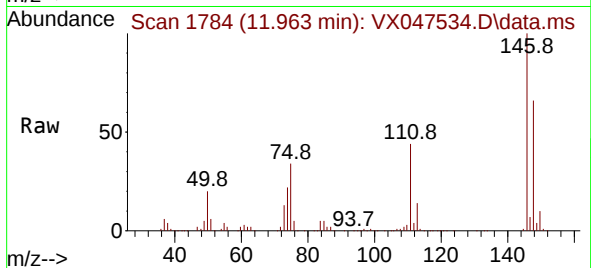
148 64.6 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/28/2025

Supervised By :Mahesh Dadoda 08/28/2025



#88

1,4-Dichlorobenzene

Concen: 49.184 ug/l

RT: 12.037 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX047534.D

Acq: 27 Aug 2025 12:23

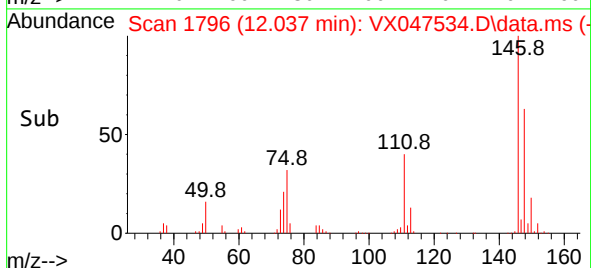
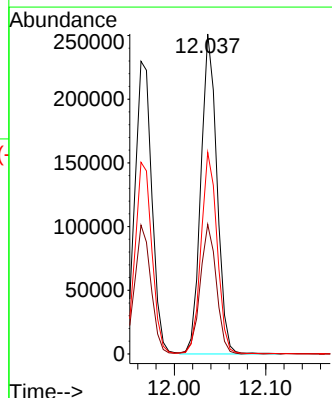
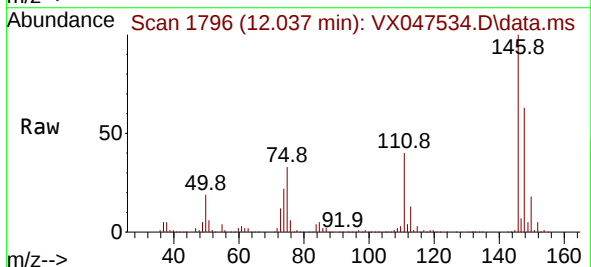
Tgt Ion:146 Resp: 306247

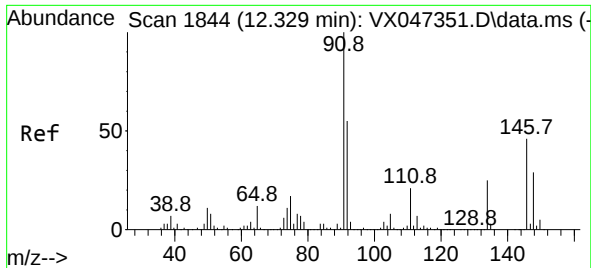
Ion Ratio Lower Upper

146 100

111 40.8 20.4 61.2

148 62.8 31.7 95.1





#89

n-Butylbenzene

Concen: 46.054 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX047534.D

Acq: 27 Aug 2025 12:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 478608

Ion Ratio Lower Upper

91 100

92 54.5 27.2 81.5

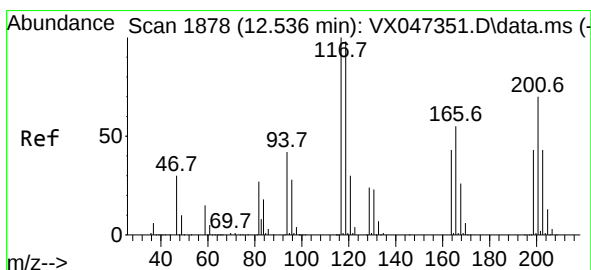
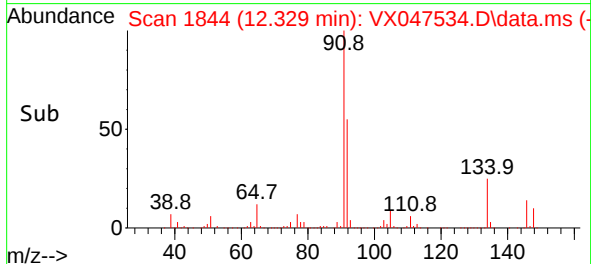
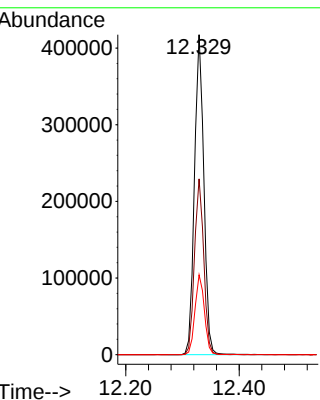
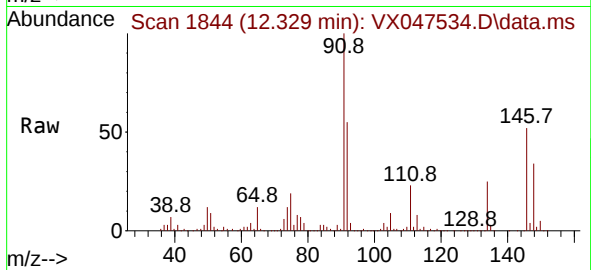
134 25.2 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/28/2025

Supervised By :Mahesh Dadoda 08/28/2025



#90

Hexachloroethane

Concen: 49.204 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX047534.D

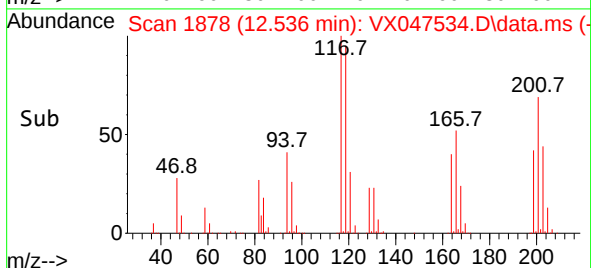
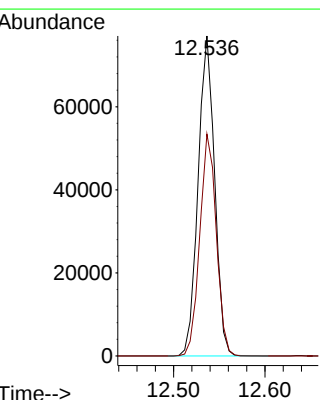
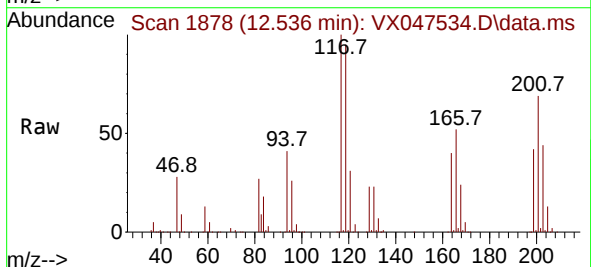
Acq: 27 Aug 2025 12:23

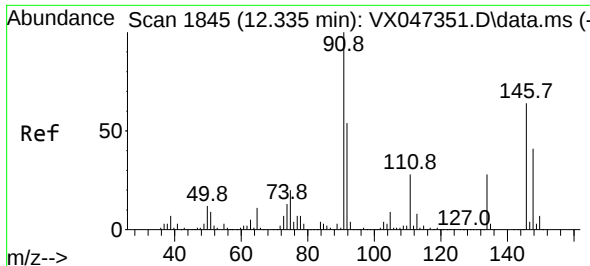
Tgt Ion:117 Resp: 96446

Ion Ratio Lower Upper

117 100

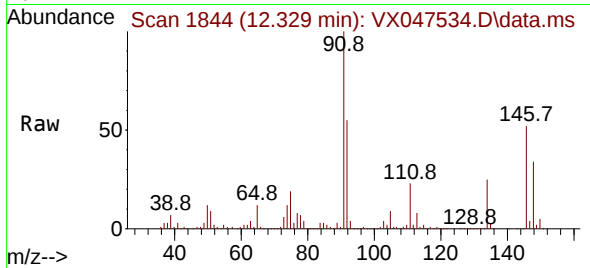
201 69.4 35.1 105.3





#91
1,2-Dichlorobenzene
Concen: 50.791 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

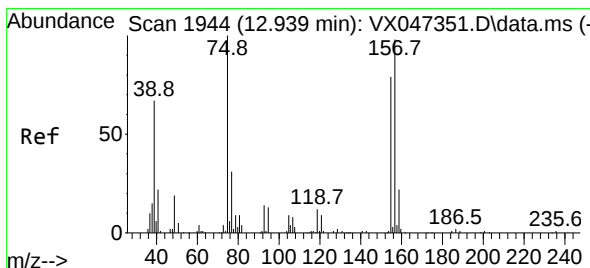
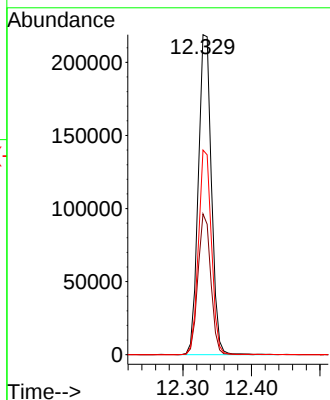
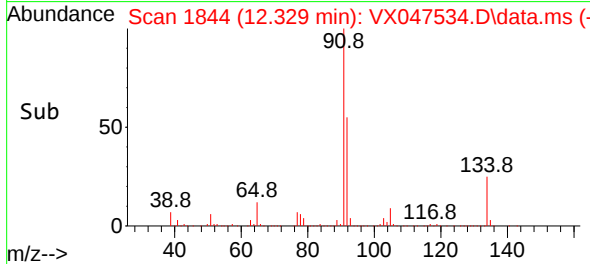
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 291859
Ion Ratio Lower Upper
146 100
111 43.0 22.1 66.1
148 63.2 31.9 95.5

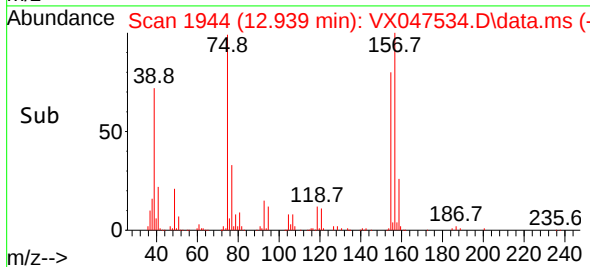
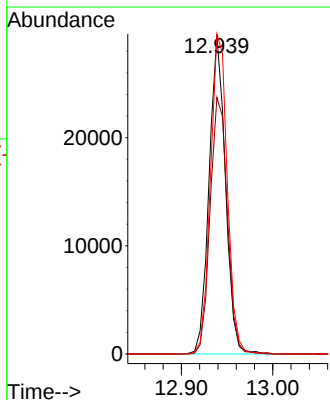
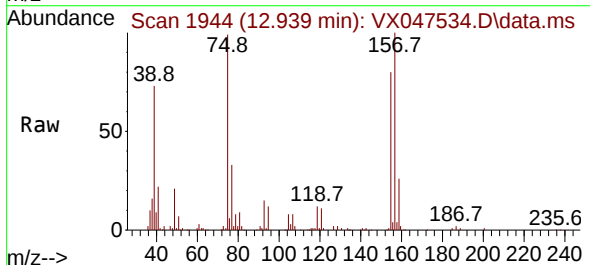
Manual Integrations
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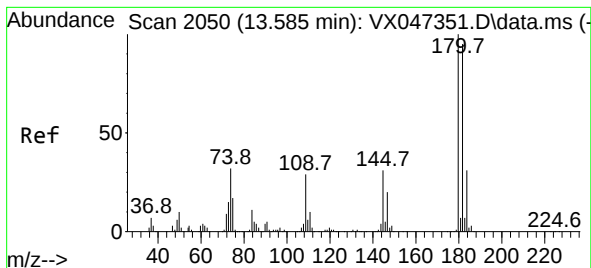
Reviewed By :John Carlone 08/28/2025
Supervised By :Mahesh Dadoda 08/28/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.449 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

Tgt Ion: 75 Resp: 36437
Ion Ratio Lower Upper
75 100
155 84.7 41.3 123.7
157 103.7 51.5 154.5





#93

1,2,4-Trichlorobenzene

Concen: 45.522 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX047534.D

Acq: 27 Aug 2025 12:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

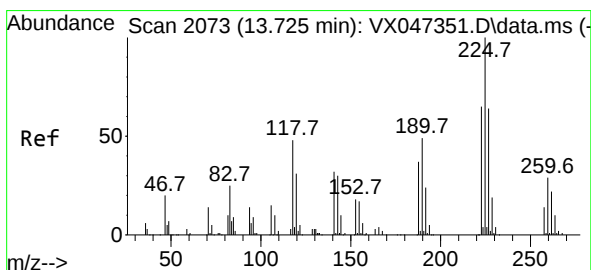
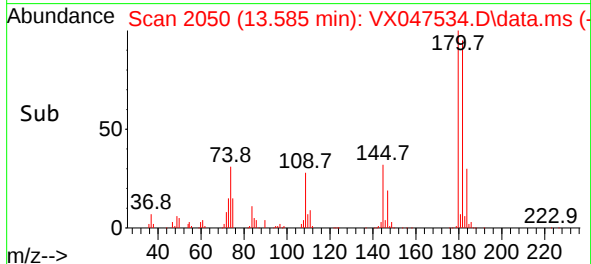
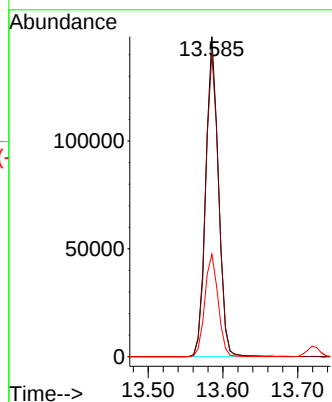
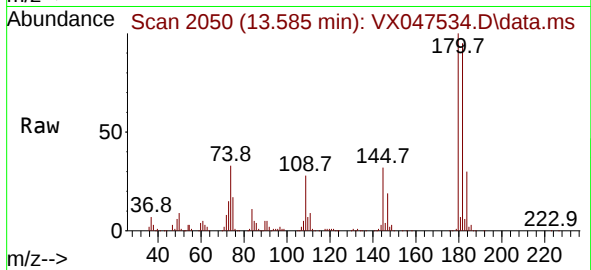
Tgt Ion:180	Resp: 17535
Ion Ratio	Lower Upper
180 100	
182 97.0	48.1 144.4
145 33.3	16.2 48.5

Manual Integrations

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Reviewed By :John Carlone 08/28/2025

Supervised By :Mahesh Dadoda 08/28/2025



#94

Hexachlorobutadiene

Concen: 41.542 ug/l

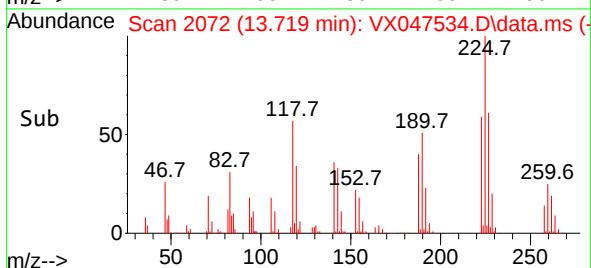
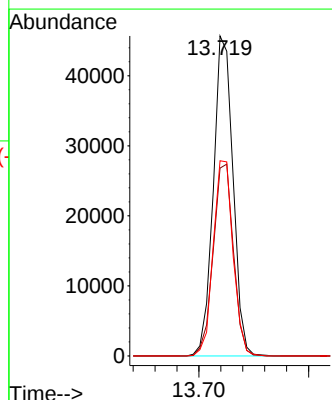
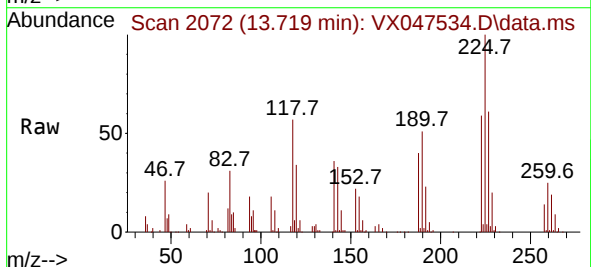
RT: 13.719 min Scan# 2072

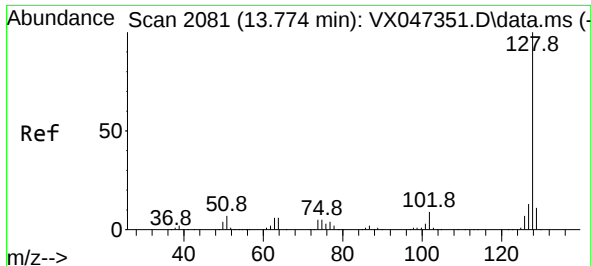
Delta R.T. -0.006 min

Lab File: VX047534.D

Acq: 27 Aug 2025 12:23

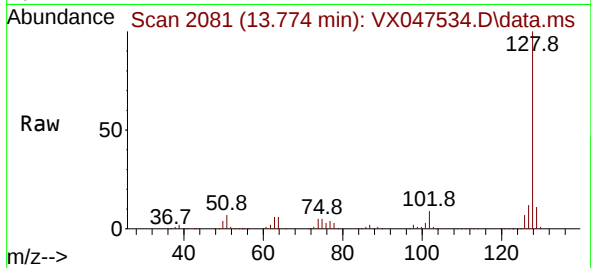
Tgt Ion:225	Resp: 56962
Ion Ratio	Lower Upper
225 100	
223 61.5	32.2 96.6
227 61.5	31.6 95.0





#95
Naphthalene
Concen: 49.072 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23

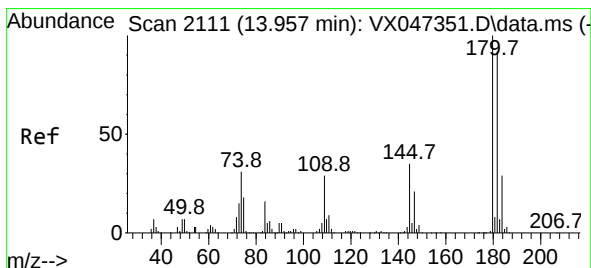
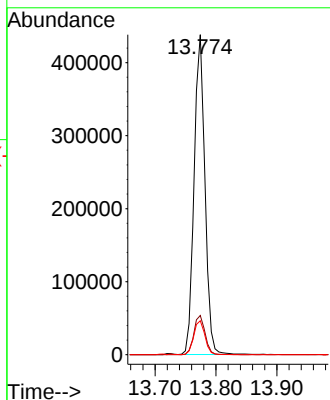
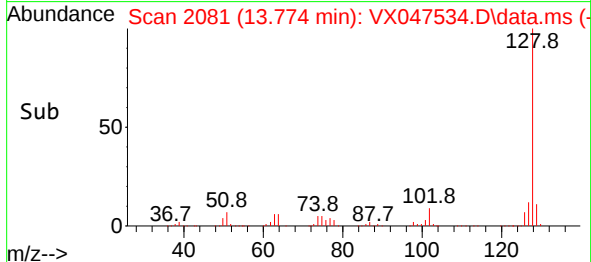
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



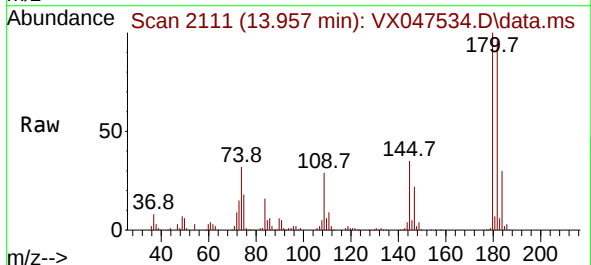
Tgt Ion:128 Resp: 540215
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/28/2025
Supervised By :Mahesh Dadoda 08/28/2025



#96
1,2,3-Trichlorobenzene
Concen: 44.616 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047534.D
Acq: 27 Aug 2025 12:23



Tgt Ion:180 Resp: 162004
Ion Ratio Lower Upper
180 100
182 96.4 48.0 144.2
145 34.7 17.4 52.2

