

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081325\
 Data File : VX047309.D
 Acq On : 13 Aug 2025 09:44
 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 08/14/2025
 Supervised By : Mahesh Dadoda 08/18/2025

Quant Time: Aug 14 03:23:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	202458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	343367	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	311895	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	156059	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	122913	48.737	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.480%
35) Dibromofluoromethane	5.391	113	109453	51.627	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.260%
50) Toluene-d8	8.647	98	302023	43.990	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	87.980%#
62) 4-Bromofluorobenzene	11.079	95	146951	49.666	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.340%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	138397	51.465	ug/l	99
3) Chloromethane	1.313	50	123447	46.408	ug/l	97
4) Vinyl Chloride	1.392	62	146166	51.117	ug/l	100
5) Bromomethane	1.624	94	78964	50.837	ug/l	99
6) Chloroethane	1.703	64	89071	47.427	ug/l	99
7) Trichlorofluoromethane	1.904	101	215625	50.571	ug/l	99
8) Diethyl Ether	2.148	74	81402	54.146	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.343	101	126773	49.350	ug/l	98
10) Methyl Iodide	2.465	142	219512	83.845	ug/l	100
11) Tert butyl alcohol	2.965	59	78261	266.119	ug/l	100
12) 1,1-Dichloroethene	2.331	96	127051	49.935	ug/l	98
13) Acrolein	2.245	56	211272	389.062	ug/l	99
14) Allyl chloride	2.678	41	227152	49.389	ug/l	97
15) Acrylonitrile	3.074	53	336877	280.076	ug/l	98
16) Acetone	2.386	43	294865	291.855	ug/l	100
17) Carbon Disulfide	2.526	76	347209	47.171	ug/l	98
18) Methyl Acetate	2.709	43	164668	61.331	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	428882	55.387	ug/l	99
20) Methylene Chloride	2.800	84	144651	52.043	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	133319	51.205	ug/l	98
22) Diisopropyl ether	3.769	45	474294	53.638	ug/l	93
23) Vinyl Acetate	3.727	43	1966349	277.255	ug/l	100
24) 1,1-Dichloroethane	3.617	63	249579	50.758	ug/l	98
25) 2-Butanone	4.562	43	379836	258.198	ug/l	97
26) 2,2-Dichloropropane	4.483	77	191107	50.208	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	161308	52.320	ug/l	98
28) Bromochloromethane	4.903	49	121750	53.820	ug/l	98
29) Tetrahydrofuran	5.013	42	237647	250.372	ug/l	99
30) Chloroform	5.099	83	258046	51.555	ug/l	98
31) Cyclohexane	5.476	56	218449	46.334	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	218773	50.322	ug/l	100
36) 1,1-Dichloropropene	5.702	75	174512	48.290	ug/l	99
37) Ethyl Acetate	4.721	43	192890	57.925	ug/l	96
38) Carbon Tetrachloride	5.684	117	186156	48.263	ug/l	99
39) Methylcyclohexane	7.379	83	207402	45.966	ug/l	99
40) Benzene	6.043	78	533739	51.034	ug/l	98

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Quant Time: Aug 14 03:23:18 2025
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	89952	51.663	ug/l	95
42) 1,2-Dichloroethane	6.092	62	198218	53.804	ug/l	99
43) Isopropyl Acetate	6.342	43	287722	55.423	ug/l	98
44) Trichloroethene	7.129	130	133465	49.765	ug/l	99
45) 1,2-Dichloropropane	7.427	63	135914	51.888	ug/l	97
46) Dibromomethane	7.580	93	101172	55.078	ug/l	100
47) Bromodichloromethane	7.818	83	208211	53.254	ug/l	98
48) Methyl methacrylate	7.696	41	149404	52.829	ug/l	98
49) 1,4-Dioxane	7.677	88	33534	1042.543	ug/l	94
51) 4-Methyl-2-Pentanone	8.573	43	845831	274.116	ug/l	99
52) Toluene	8.720	92	331807	51.598	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	192983	52.270	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	211833	52.423	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	131934	54.707	ug/l	98
56) Ethyl methacrylate	9.116	69	202090	56.604	ug/l	99
57) 1,3-Dichloropropane	9.305	76	225882	53.892	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	507677	255.533	ug/l	100
59) 2-Hexanone	9.427	43	591849	290.316	ug/l	100
60) Dibromochloromethane	9.518	129	153681	54.334	ug/l	100
61) 1,2-Dibromoethane	9.610	107	136881	54.281	ug/l	98
64) Tetrachloroethene	9.275	164	108938	48.451	ug/l	98
65) Chlorobenzene	10.079	112	369251	50.536	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	130021	52.854	ug/l	98
67) Ethyl Benzene	10.189	91	640387	50.127	ug/l	100
68) m/p-Xylenes	10.299	106	481905	100.800	ug/l	100
69) o-Xylene	10.640	106	232501	51.121	ug/l	100
70) Styrene	10.652	104	404384	51.852	ug/l	100
71) Bromoform	10.799	173	101111	54.108	ug/l #	99
73) Isopropylbenzene	10.957	105	601920	48.889	ug/l	100
74) N-amyl acetate	10.841	43	253569	51.043	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	184802	52.547	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	148834m	51.525	ug/l	
77) Bromobenzene	11.195	156	149595	50.657	ug/l	98
78) n-propylbenzene	11.299	91	717788	48.787	ug/l	99
79) 2-Chlorotoluene	11.360	91	429105	48.791	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	502646	49.416	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	30072	26.822	ug/l	98
82) 4-Chlorotoluene	11.451	91	509422	49.625	ug/l	99
83) tert-Butylbenzene	11.713	119	499240	48.901	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	503767	49.654	ug/l	100
85) sec-Butylbenzene	11.890	105	607529	47.627	ug/l	99
86) p-Isopropyltoluene	12.006	119	513359	48.530	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	281606	50.187	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	276736	48.680	ug/l	99
89) n-Butylbenzene	12.329	91	467854	47.162	ug/l	99
90) Hexachloroethane	12.536	117	92640	48.954	ug/l	98
91) 1,2-Dichlorobenzene	12.329	146	266592	49.711	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	36183	53.598	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	176813	49.902	ug/l	99
94) Hexachlorobutadiene	13.719	225	56288	46.711	ug/l	99
95) Naphthalene	13.774	128	537872	51.782	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	168763	49.440	ug/l	100

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

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

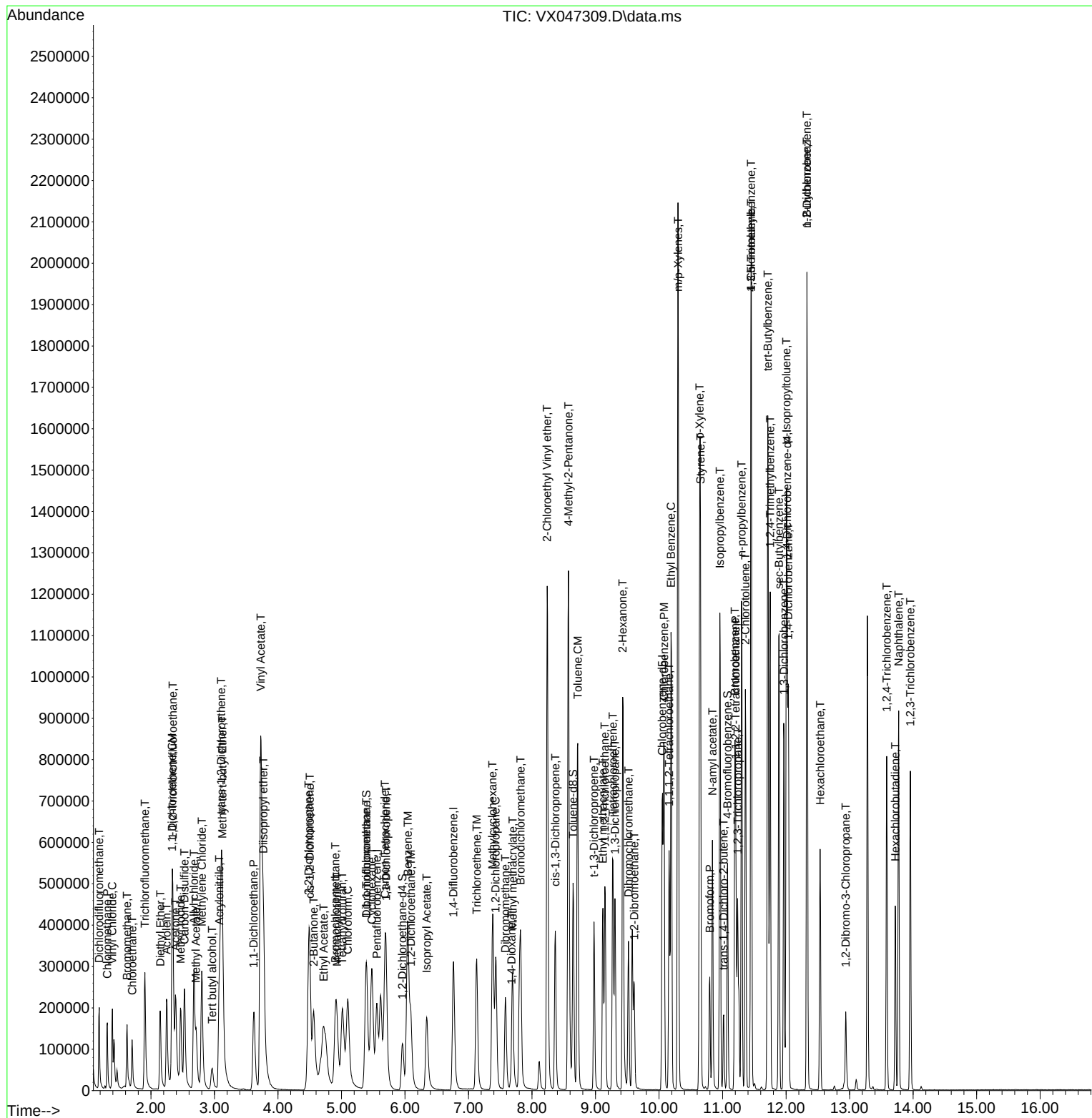
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081325\
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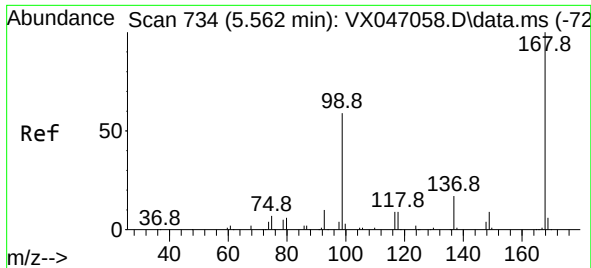
Instrument :
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Manual Integrations APPROVED

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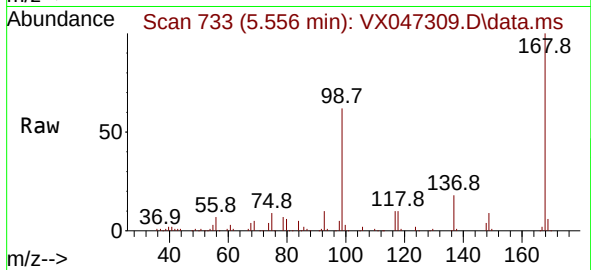
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047309.D
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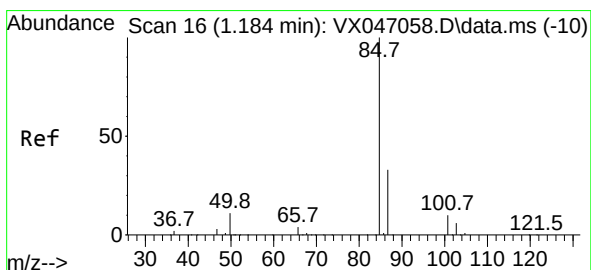
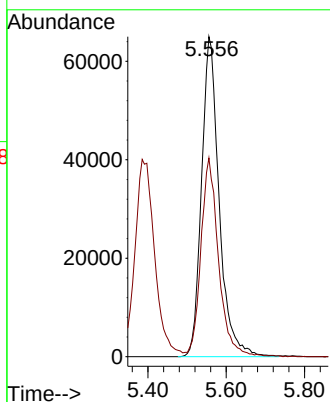
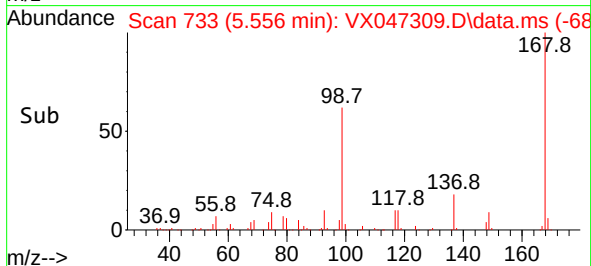
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 202458
Ion Ratio Lower Upper
168 100
99 61.8 48.0 72.0

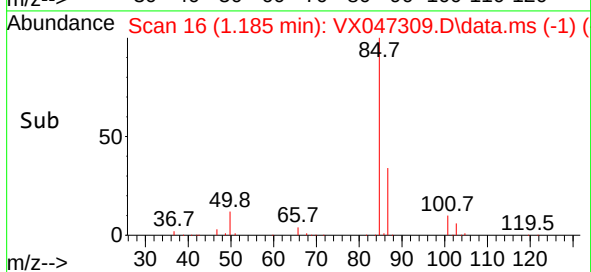
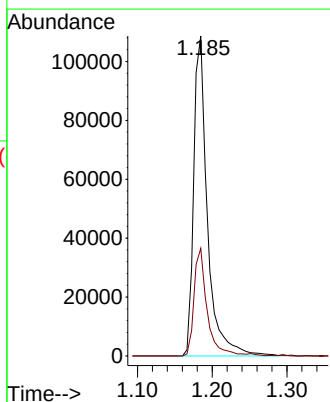
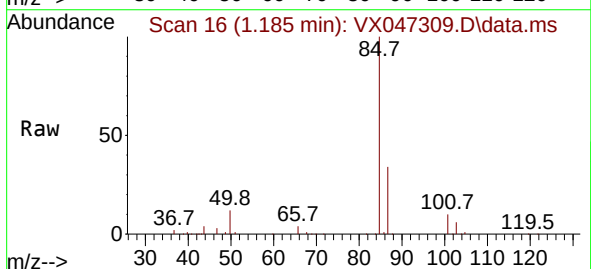
Manual Integrations
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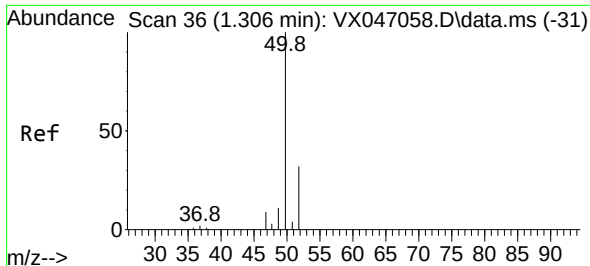
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#2
Dichlorodifluoromethane
Concen: 51.465 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

Tgt Ion: 85 Resp: 138397
Ion Ratio Lower Upper
85 100
87 33.6 16.6 49.8





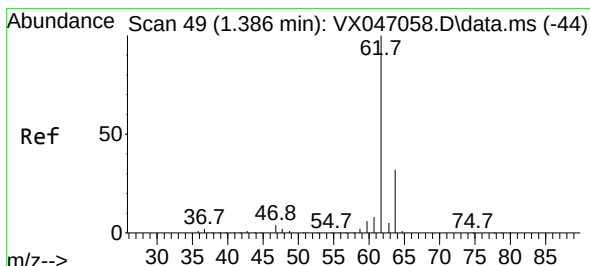
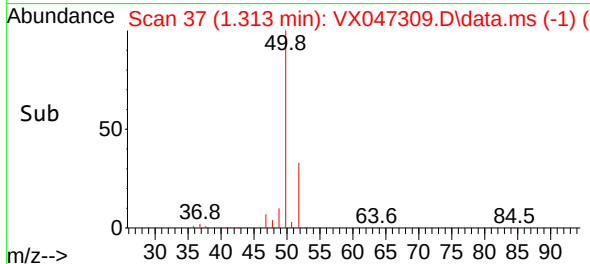
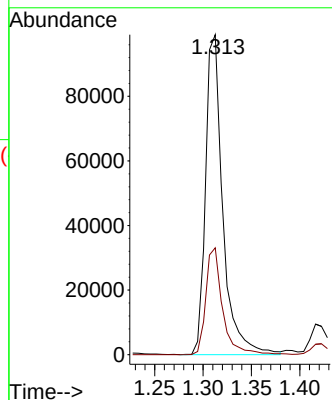
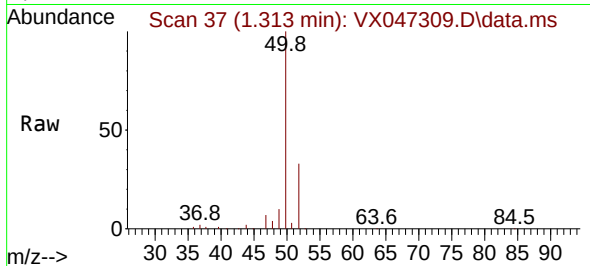
#3
Chloromethane
Concen: 46.408 ug/l
RT: 1.313 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

Instrument :
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Tgt Ion: 50 Resp: 12344
Ion Ratio Lower Upper
50 100
52 33.4 25.4 38.2

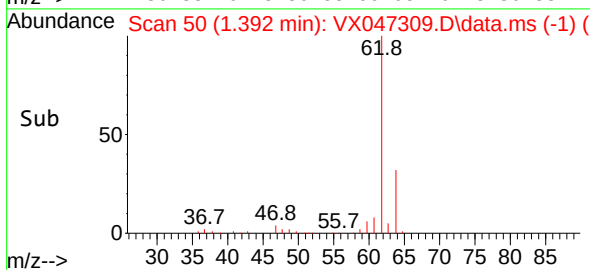
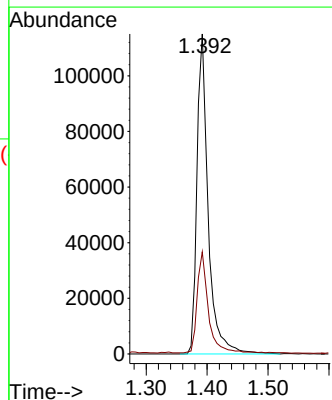
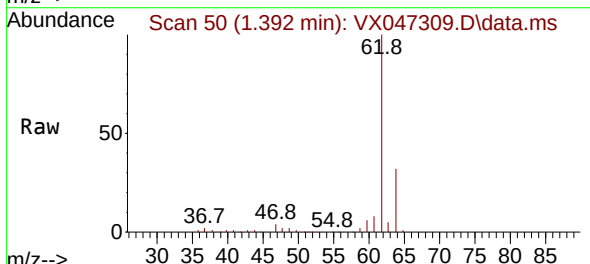
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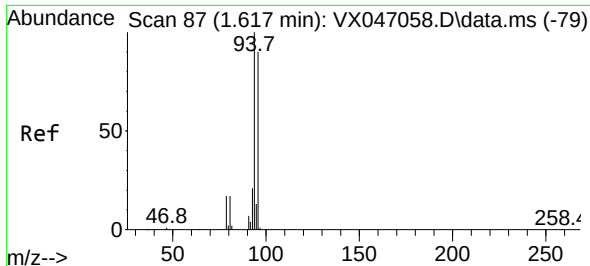
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#4
Vinyl Chloride
Concen: 51.117 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

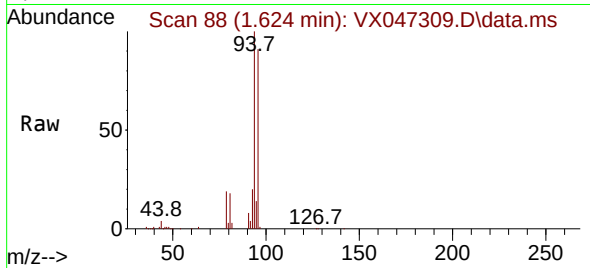
Tgt Ion: 62 Resp: 146166
Ion Ratio Lower Upper
62 100
64 31.6 25.2 37.8





#5
Bromomethane
Concen: 50.837 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.006 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

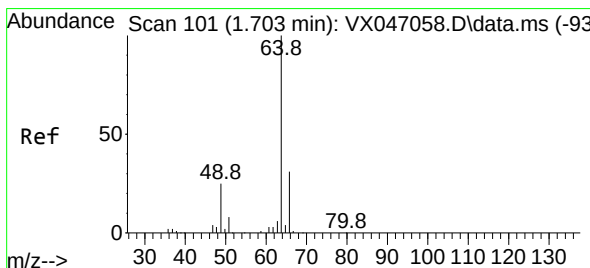
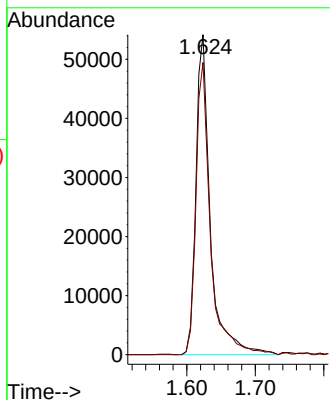
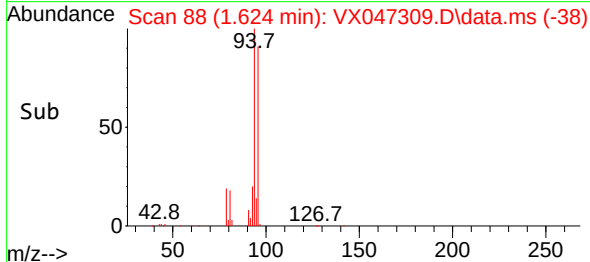
Instrument :
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Tgt Ion: 94 Resp: 78964
Ion Ratio Lower Upper
94 100
96 91.4 72.3 108.5

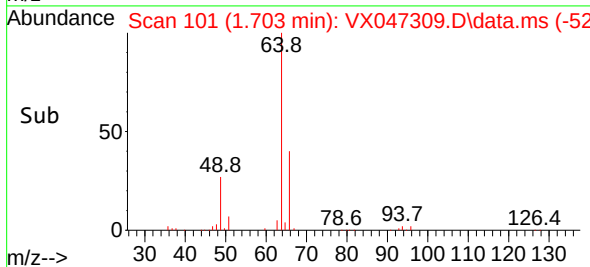
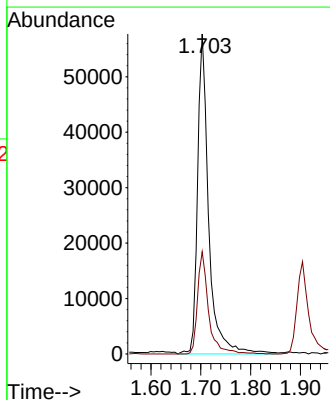
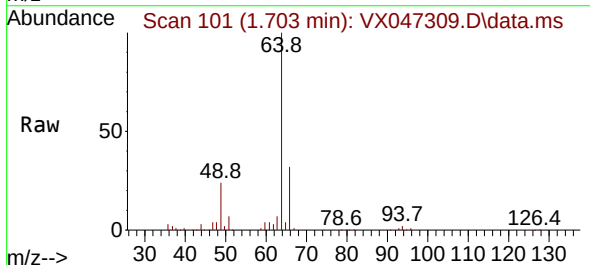
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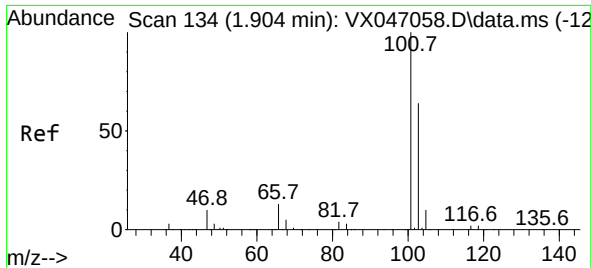
Reviewed By :John Carlone 08/14/2025
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#6
Chloroethane
Concen: 47.427 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.000 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

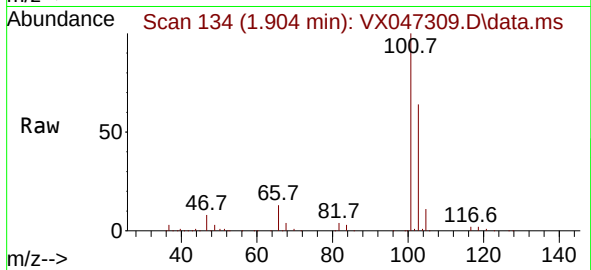
Tgt Ion: 64 Resp: 89071
Ion Ratio Lower Upper
64 100
66 31.9 25.0 37.6





#7
 Trichlorofluoromethane
 Concen: 50.571 ug/l
 RT: 1.904 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047309.D
 Acq: 13 Aug 2025 09:44

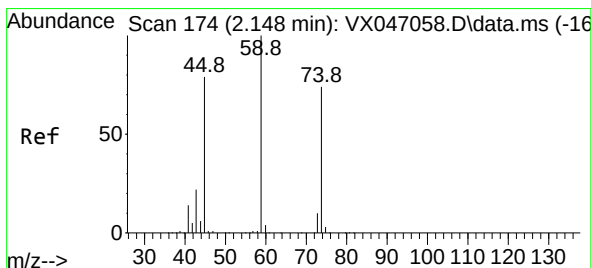
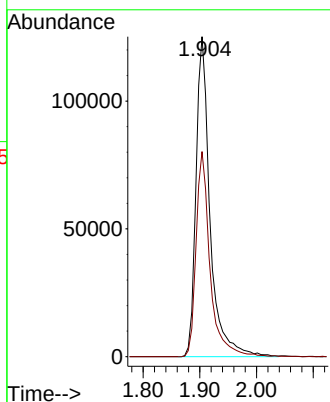
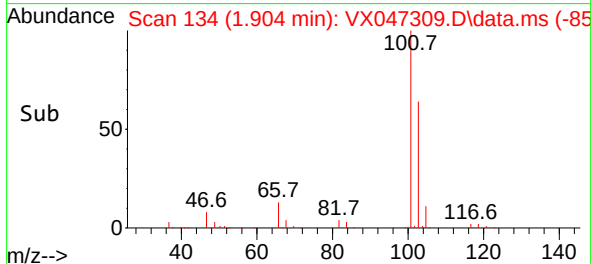
Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion:101 Resp: 21562
 Ion Ratio Lower Upper
 101 100
 103 64.1 50.9 76.3

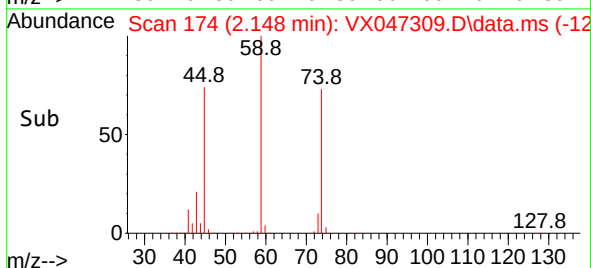
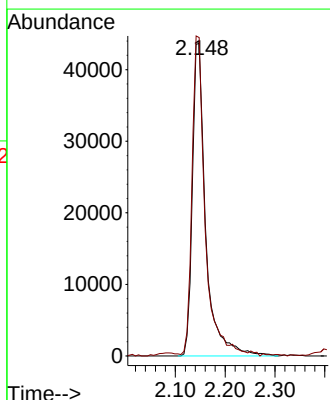
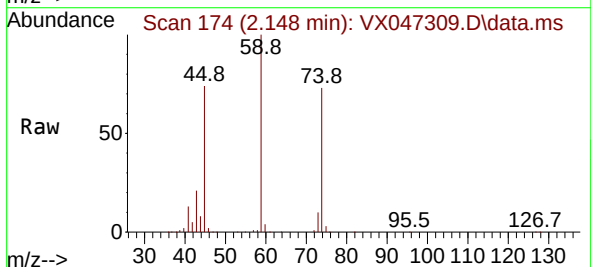
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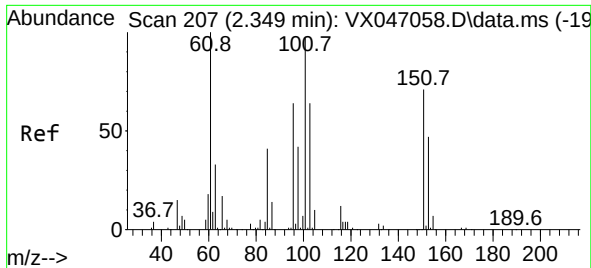
Reviewed By :John Carlone 08/14/2025
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#8
 Diethyl Ether
 Concen: 54.146 ug/l
 RT: 2.148 min Scan# 174
 Delta R.T. 0.000 min
 Lab File: VX047309.D
 Acq: 13 Aug 2025 09:44

Tgt Ion: 74 Resp: 81402
 Ion Ratio Lower Upper
 74 100
 45 98.7 53.0 159.0





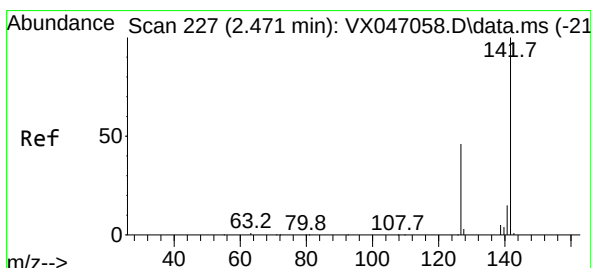
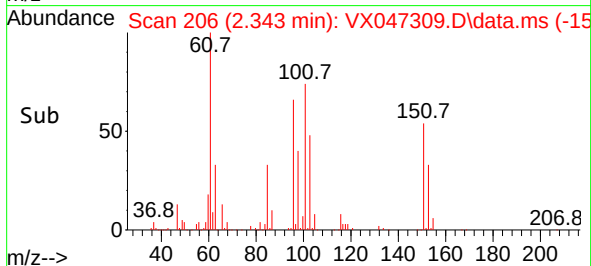
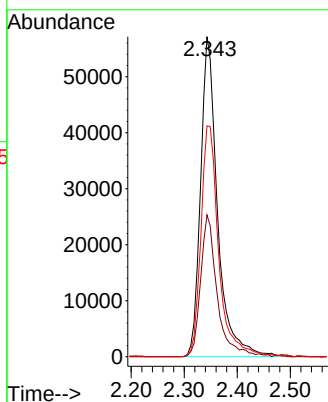
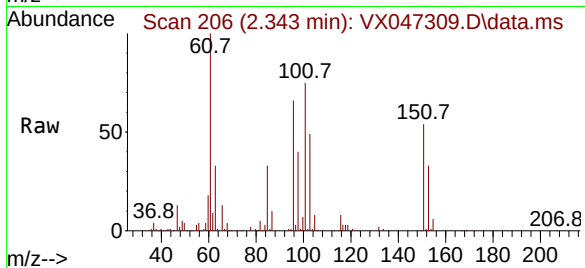
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.350 ug/l
RT: 2.343 min Scan# 206
Delta R.T. -0.006 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 12677
Ion Ratio Lower Upper
101 100
85 43.4 35.4 53.0
151 75.9 59.2 88.8

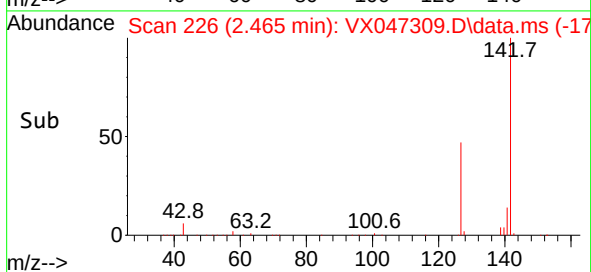
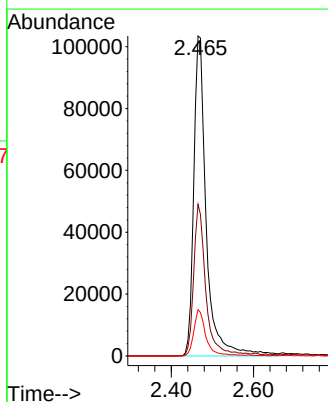
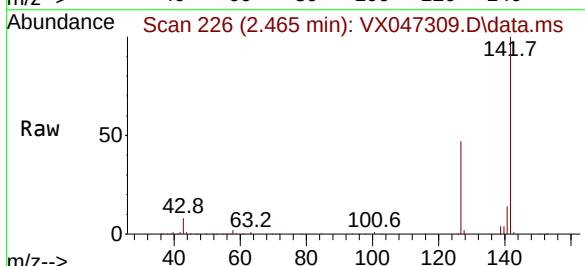
Manual Integrations
APPROVED

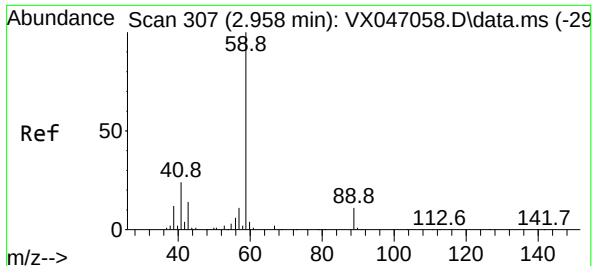
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#10
Methyl Iodide
Concen: 83.845 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

Tgt Ion:142 Resp: 219512
Ion Ratio Lower Upper
142 100
127 45.8 36.6 54.8
141 13.9 10.9 16.3





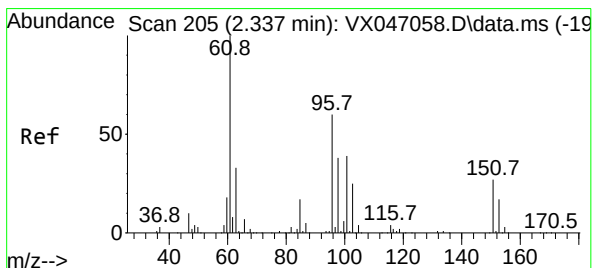
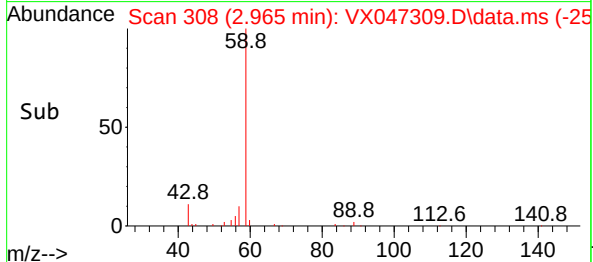
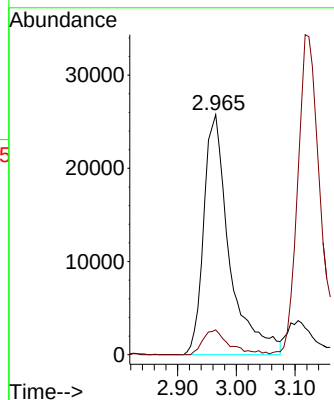
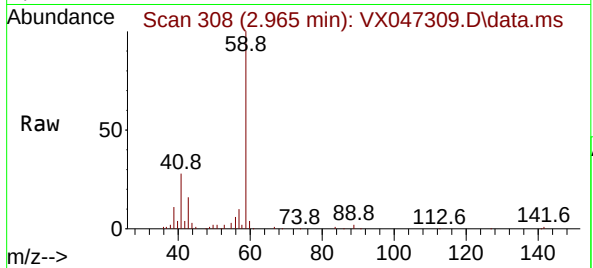
#11
Tert butyl alcohol
Concen: 266.119 ug/l
RT: 2.965 min Scan# 307
Delta R.T. 0.007 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 7826
Ion Ratio Lower Upper
59 100
57 10.7 8.5 12.7

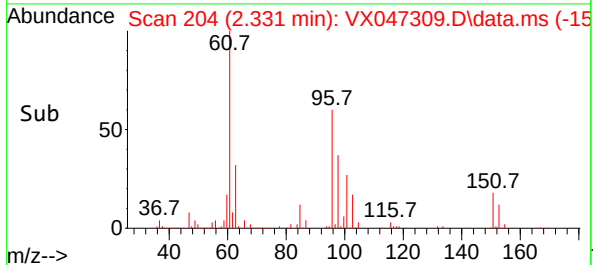
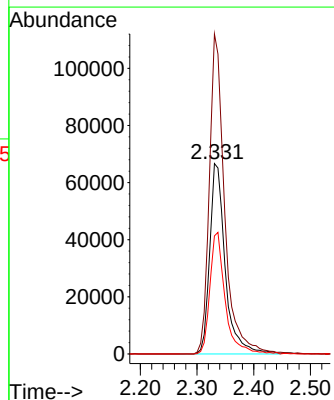
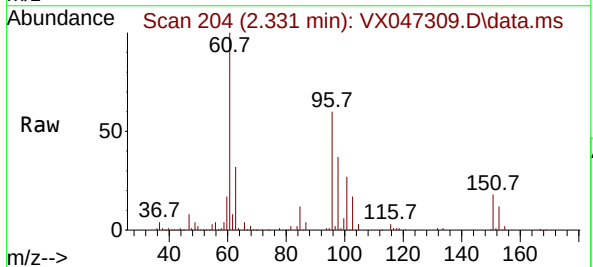
Manual Integrations
APPROVED

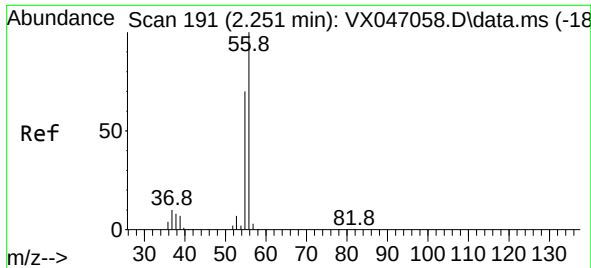
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#12
1,1-Dichloroethene
Concen: 49.935 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

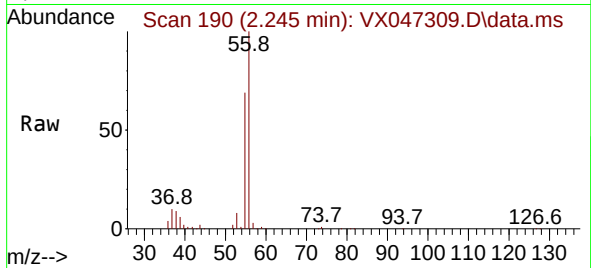
Tgt Ion: 96 Resp: 127051
Ion Ratio Lower Upper
96 100
61 168.1 132.6 198.8
98 62.0 50.2 75.4





#13
Acrolein
Concen: 389.062 ug/l
RT: 2.245 min Scan# 191
Delta R.T. -0.006 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

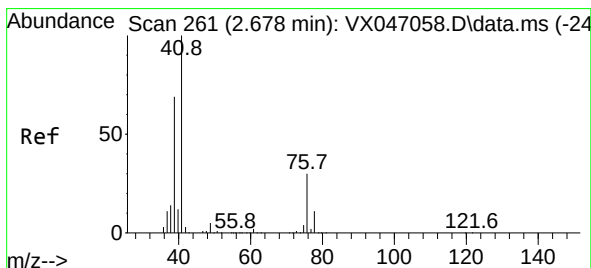
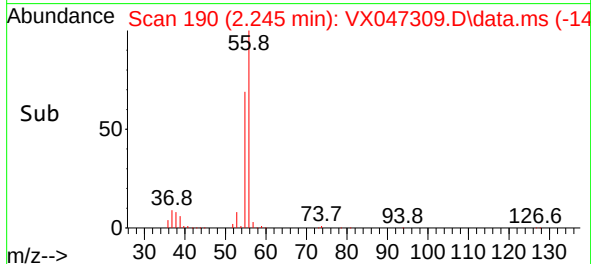
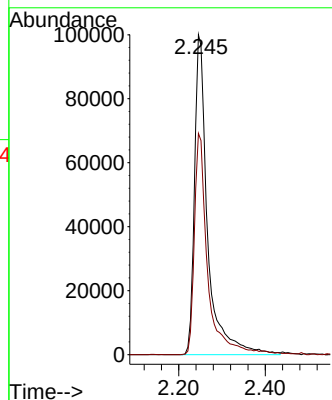
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 211272
Ion Ratio Lower Upper
56 100
55 70.4 55.7 83.5

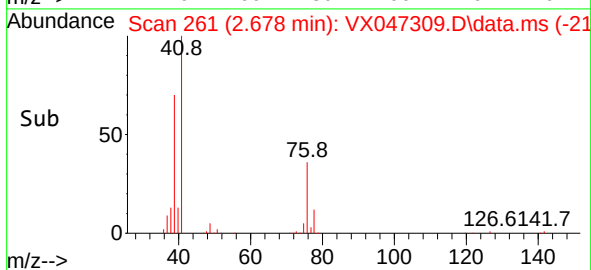
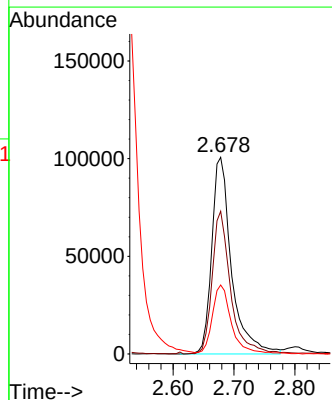
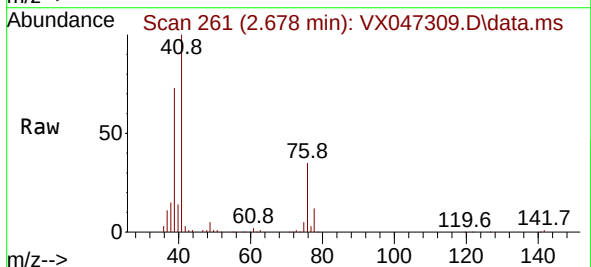
Manual Integrations
APPROVED

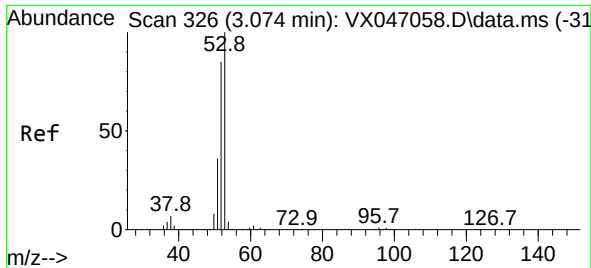
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#14
Allyl chloride
Concen: 49.389 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

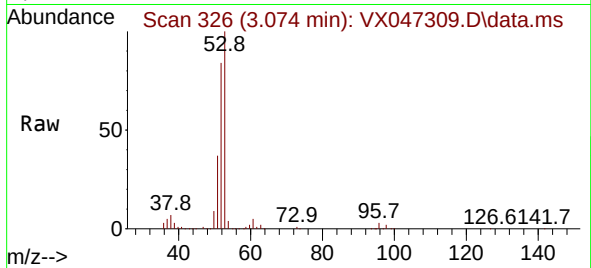
Tgt Ion: 41 Resp: 227152
Ion Ratio Lower Upper
41 100
39 67.8 52.6 78.8
76 34.1 25.7 38.5





#15
Acrylonitrile
Concen: 280.076 ug/l
RT: 3.074 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

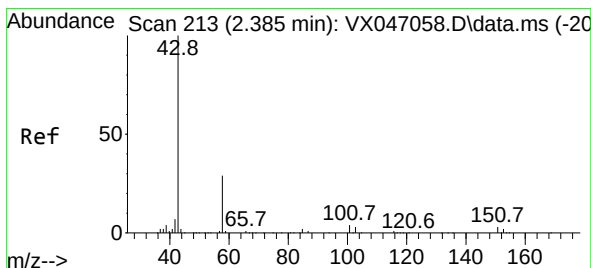
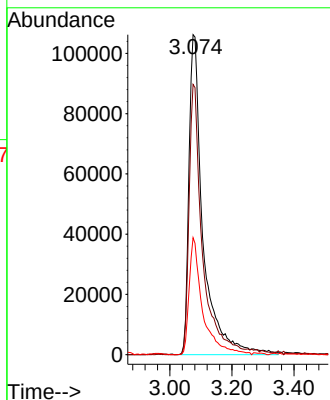
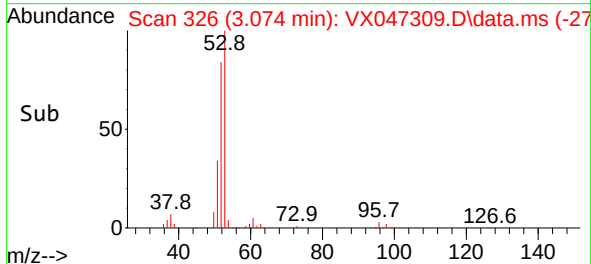
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



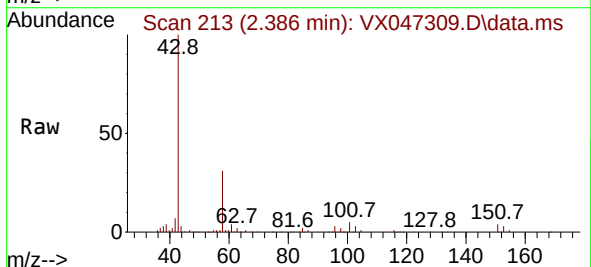
Tgt Ion: 53 Resp: 33687
Ion Ratio Lower Upper
53 100
52 80.5 65.7 98.5
51 35.0 28.8 43.2

Manual Integrations
APPROVED

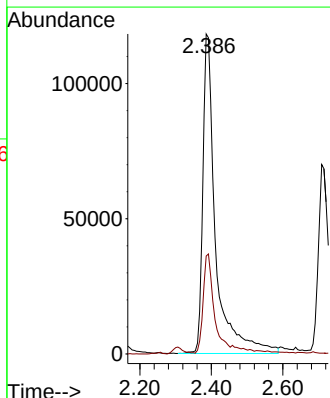
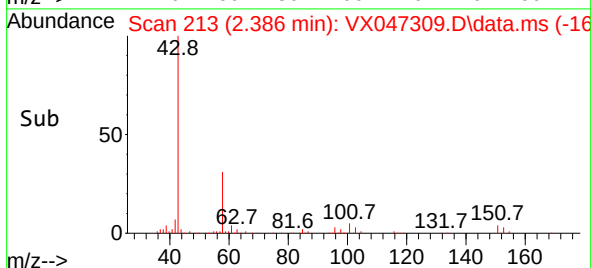
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

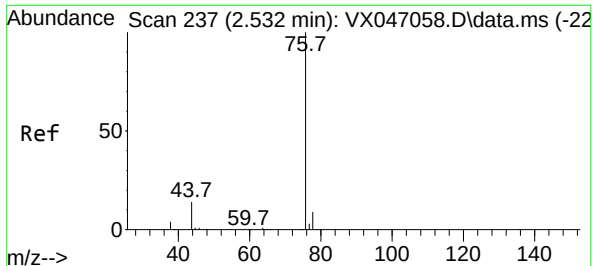


#16
Acetone
Concen: 291.855 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44



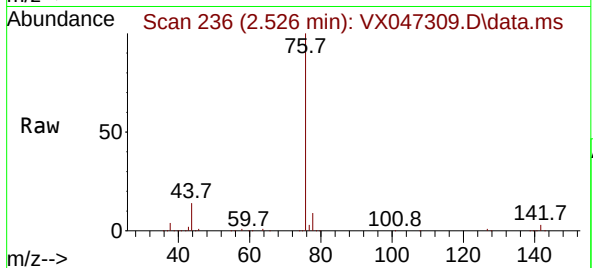
Tgt Ion: 43 Resp: 294865
Ion Ratio Lower Upper
43 100
58 30.0 24.0 36.0





#17
Carbon Disulfide
Concen: 47.171 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

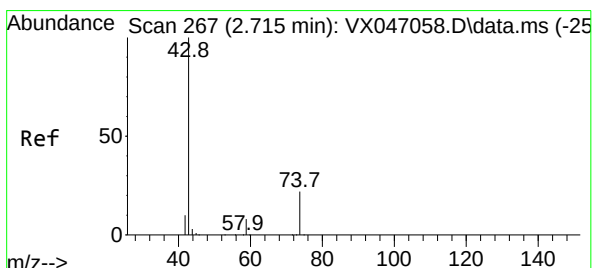
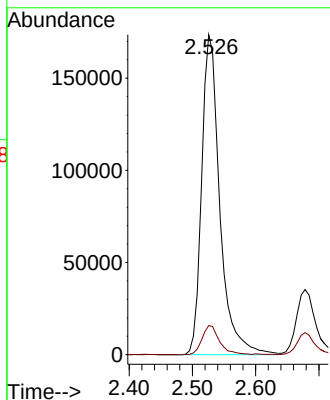
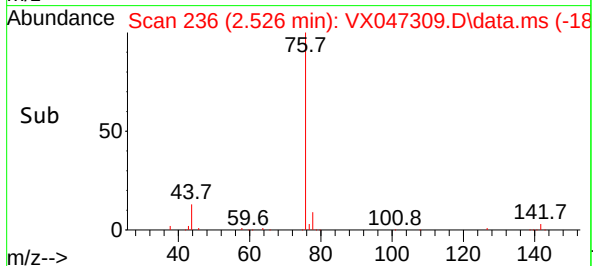
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 347209
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4

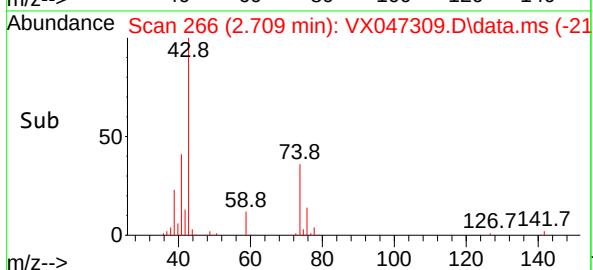
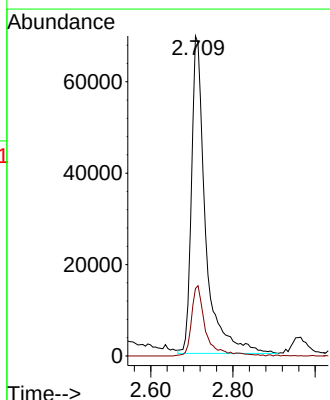
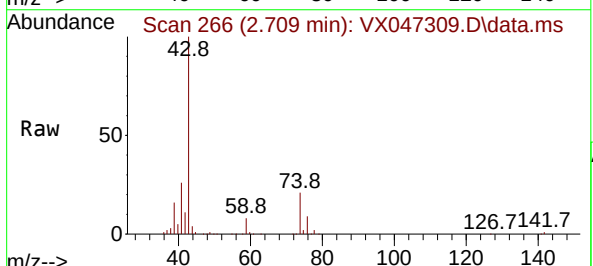
Manual Integrations
APPROVED

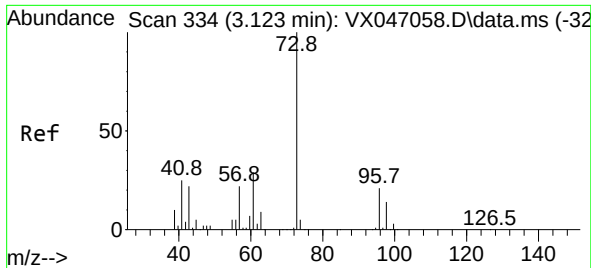
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#18
Methyl Acetate
Concen: 61.331 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

Tgt Ion: 43 Resp: 164668
Ion Ratio Lower Upper
43 100
74 21.5 17.7 26.5





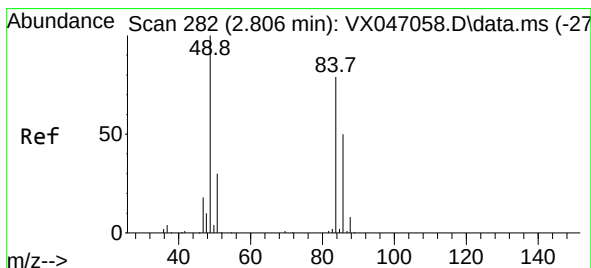
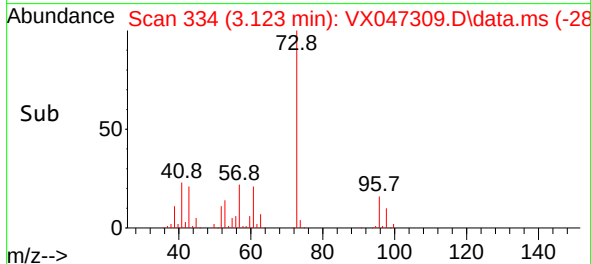
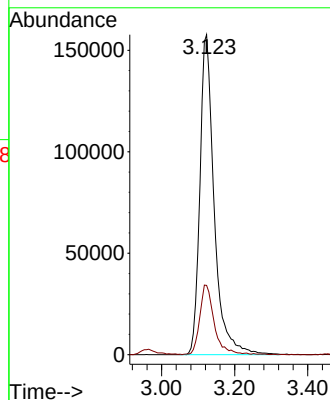
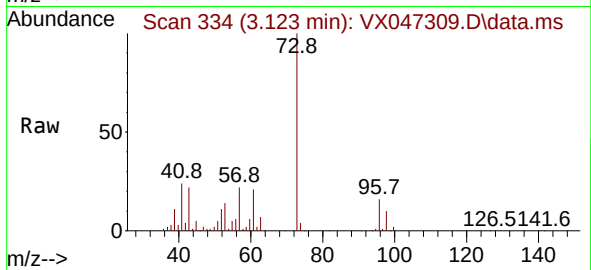
#19
Methyl tert-butyl Ether
Concen: 55.387 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 42888
Ion Ratio Lower Upper
73 100
57 21.6 17.7 26.5

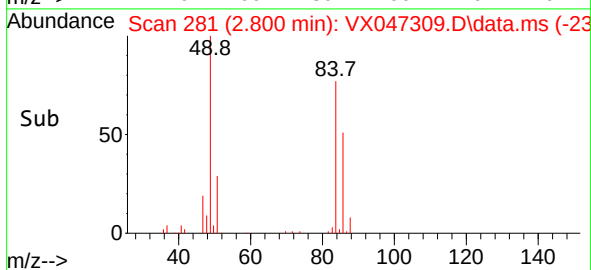
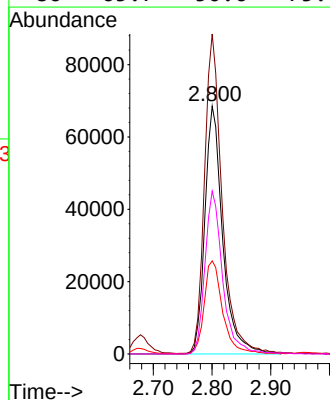
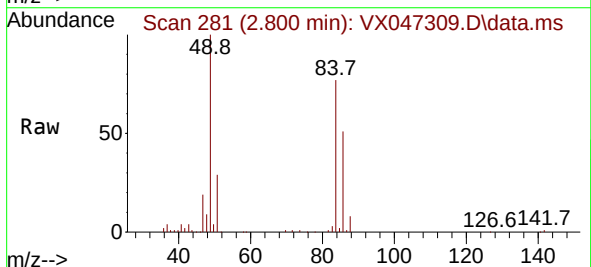
Manual Integrations
APPROVED

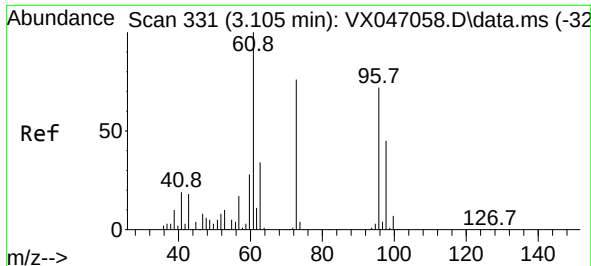
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#20
Methylene Chloride
Concen: 52.043 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

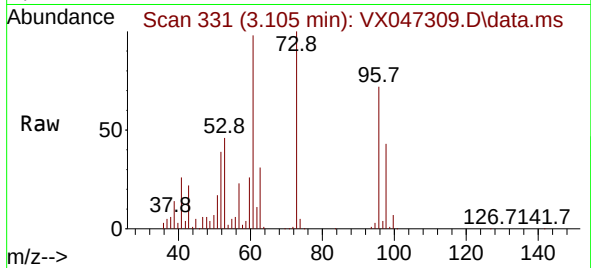
Tgt Ion: 84 Resp: 144651
Ion Ratio Lower Upper
84 100
49 128.8 101.6 152.4
51 37.5 30.3 45.5
86 65.7 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 51.205 ug/l
RT: 3.105 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

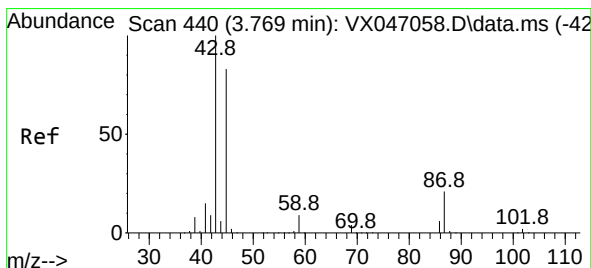
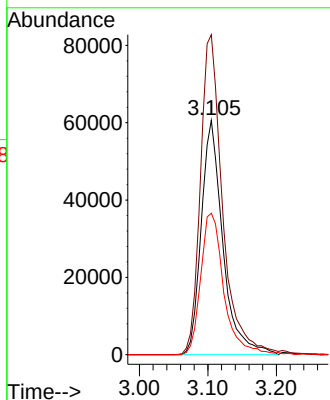
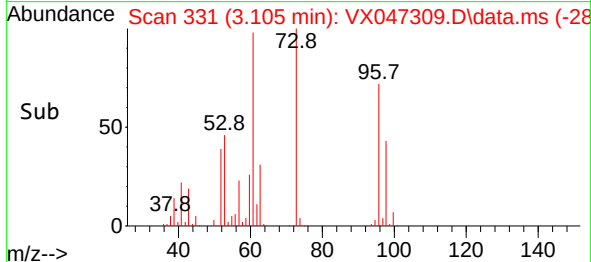
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 133319
Ion Ratio Lower Upper
96 100
61 136.4 111.1 166.7
98 60.4 49.6 74.4

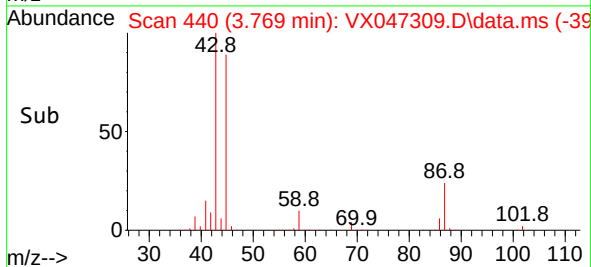
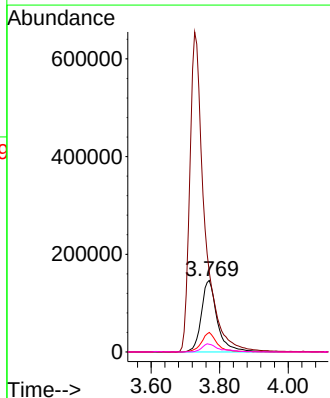
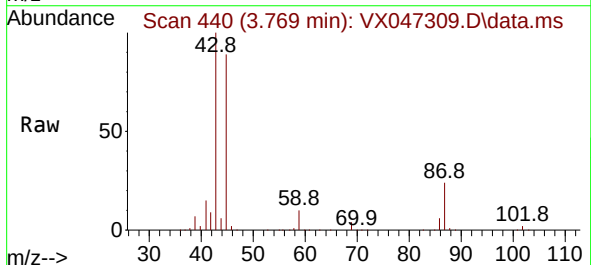
Manual Integrations
APPROVED

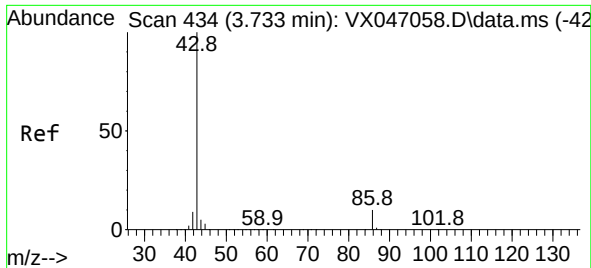
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#22
Diisopropyl ether
Concen: 53.638 ug/l
RT: 3.769 min Scan# 440
Delta R.T. 0.000 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

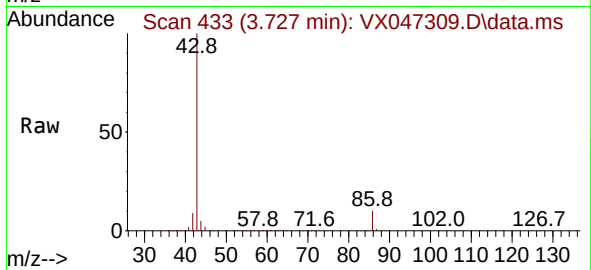
Tgt Ion: 45 Resp: 474294
Ion Ratio Lower Upper
45 100
43 112.0 96.8 145.2
87 27.3 20.5 30.7
59 10.7 9.0 13.4





#23
 Vinyl Acetate
 Concen: 277.255 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX047309.D
 Acq: 13 Aug 2025 09:44

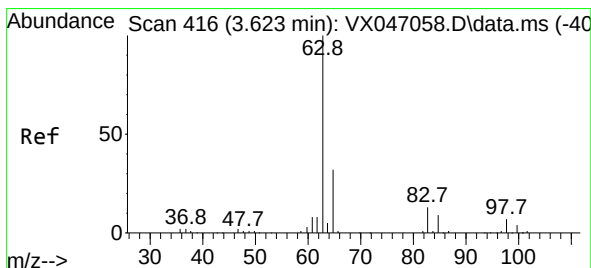
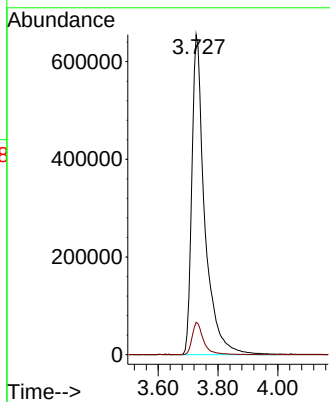
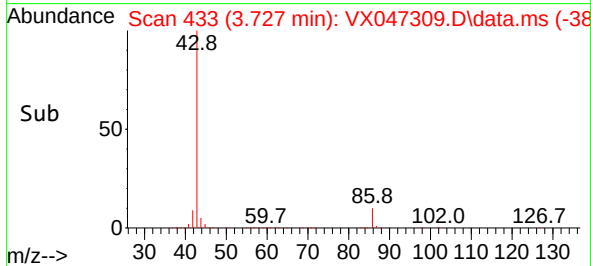
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



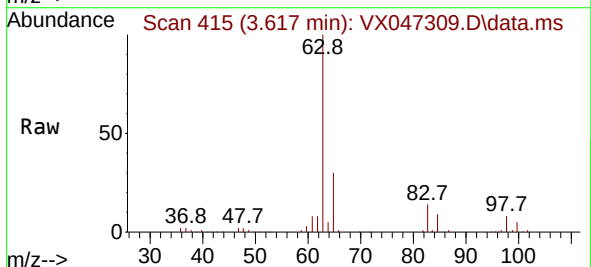
Tgt Ion: 43 Resp: 1966349
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.1 12.1

Manual Integrations
 APPROVED

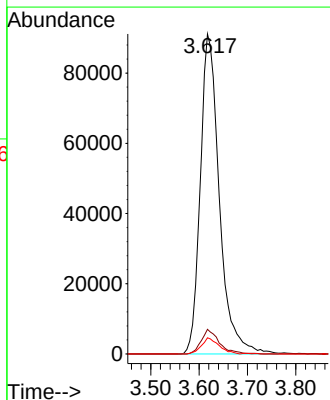
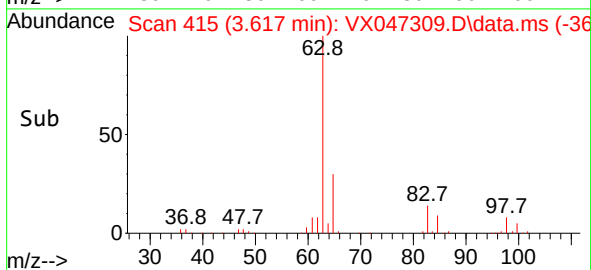
Reviewed By :John Carlone 08/14/2025
 Supervised By :Mahesh Dadoda 08/18/2025

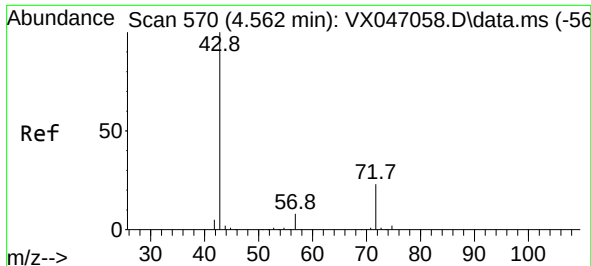


#24
 1,1-Dichloroethane
 Concen: 50.758 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. -0.006 min
 Lab File: VX047309.D
 Acq: 13 Aug 2025 09:44



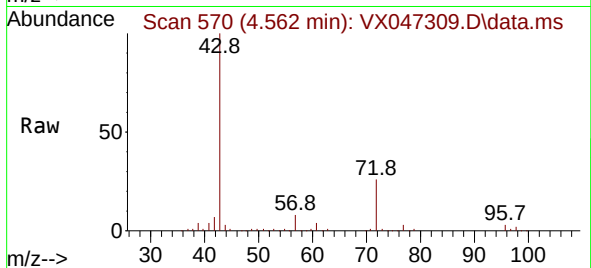
Tgt Ion: 63 Resp: 249579
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.6 10.8
 100 5.0 2.3 6.8





#25
2-Butanone
Concen: 258.198 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

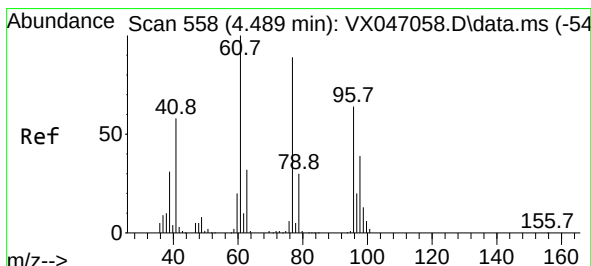
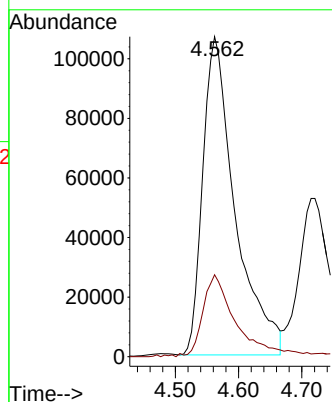
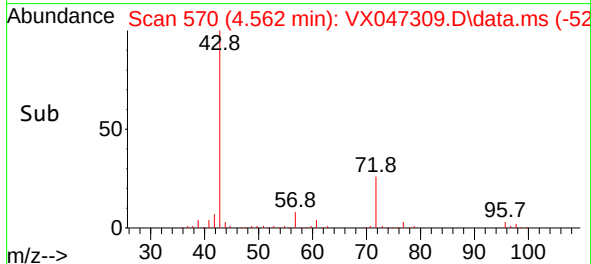
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 379830
Ion Ratio Lower Upper
43 100
72 24.8 18.8 28.2

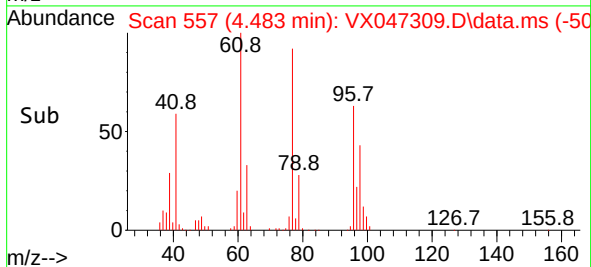
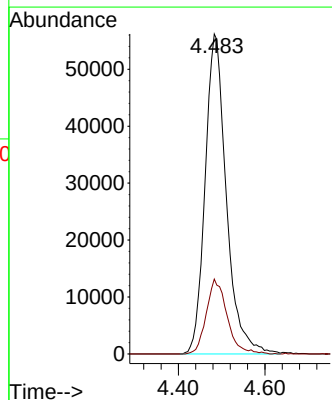
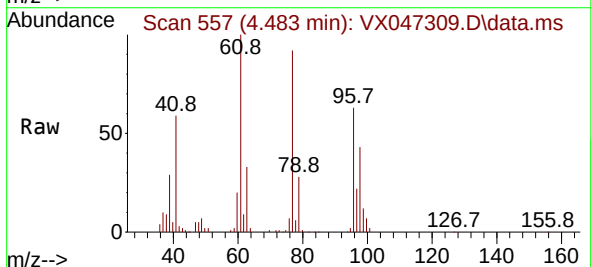
Manual Integrations
APPROVED

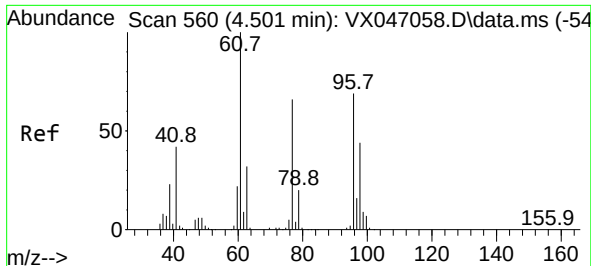
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#26
2,2-Dichloropropane
Concen: 50.208 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

Tgt Ion: 77 Resp: 191107
Ion Ratio Lower Upper
77 100
97 22.9 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 52.320 ug/l

RT: 4.501 min Scan# 50

Delta R.T. 0.000 min

Lab File: VX047309.D

Acq: 13 Aug 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 161308

Ion Ratio Lower Upper

96 100

61 146.1 0.0 298.6

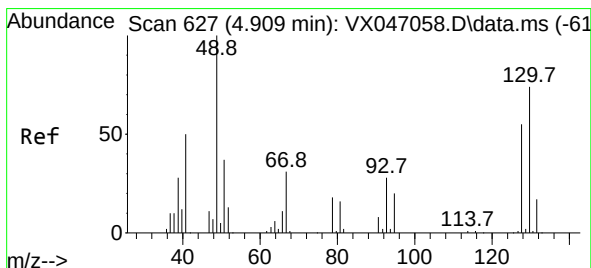
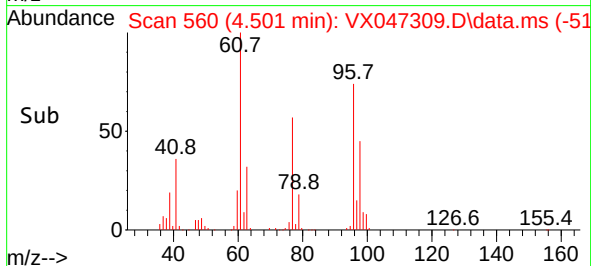
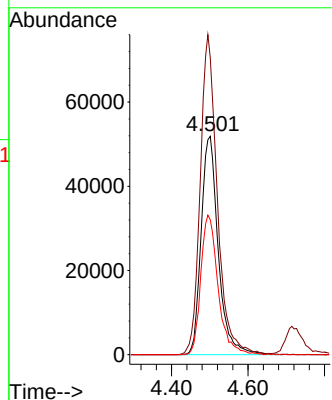
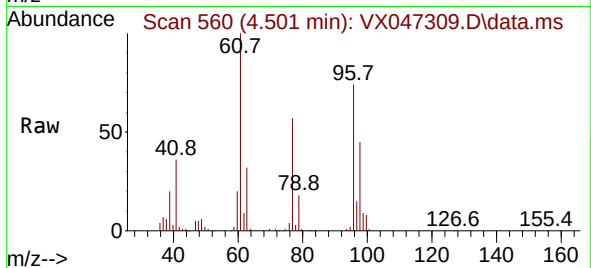
98 64.5 0.0 128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#28

Bromochloromethane

Concen: 53.820 ug/l

RT: 4.903 min Scan# 626

Delta R.T. -0.006 min

Lab File: VX047309.D

Acq: 13 Aug 2025 09:44

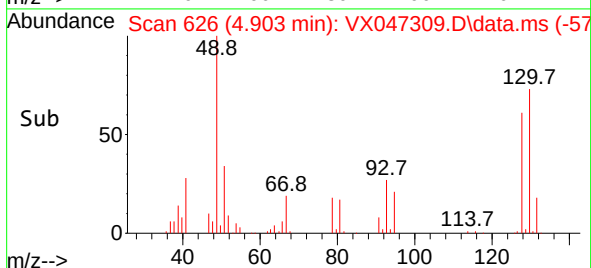
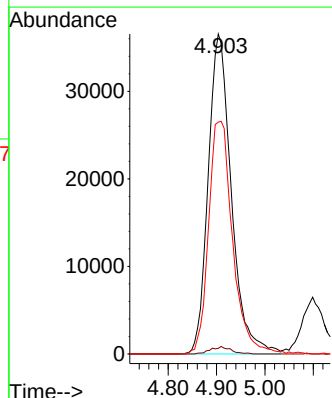
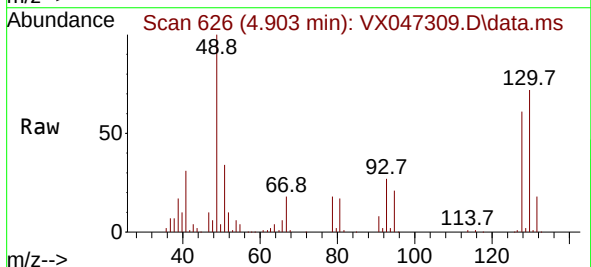
Tgt Ion: 49 Resp: 121750

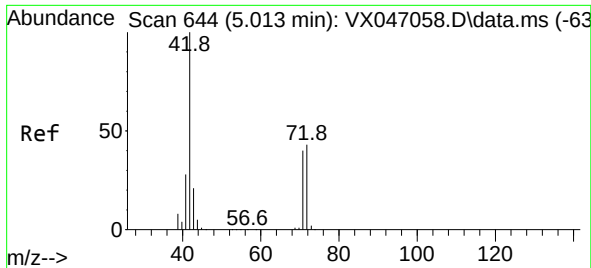
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

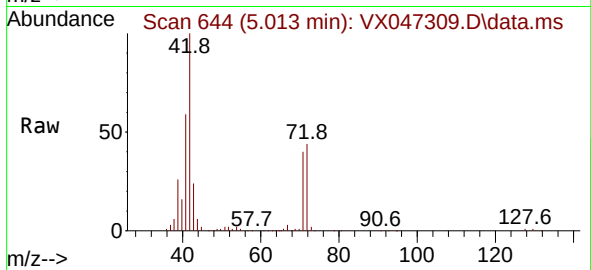
130 75.2 59.0 88.4





#29
Tetrahydrofuran
Concen: 250.372 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.000 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

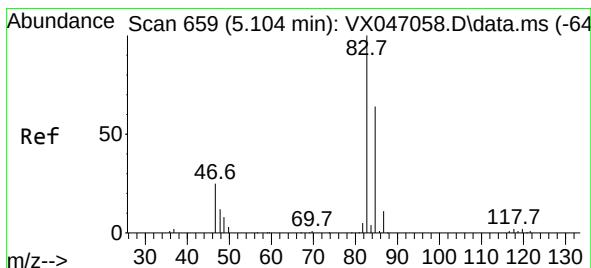
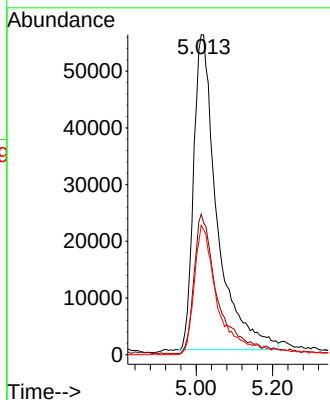
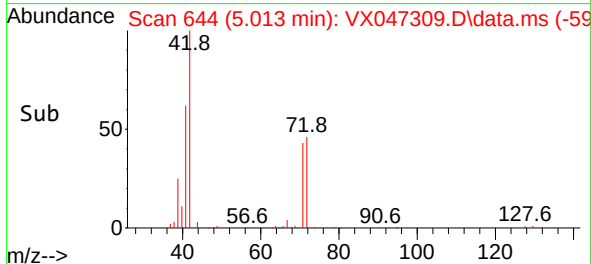
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



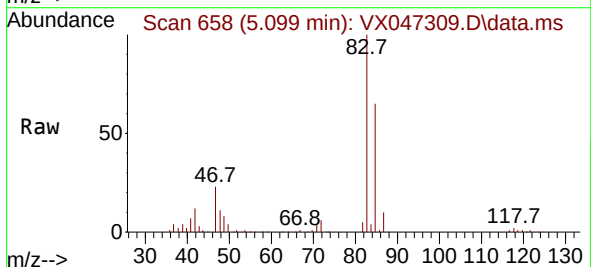
Tgt Ion: 42 Resp: 23764
Ion Ratio Lower Upper
42 100
72 43.4 33.7 50.5
71 39.2 31.0 46.4

Manual Integrations
APPROVED

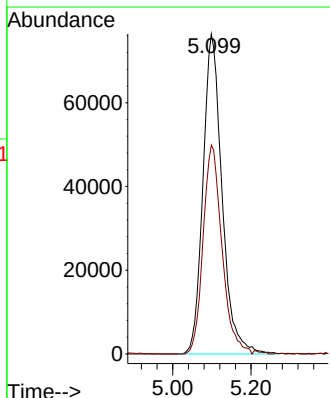
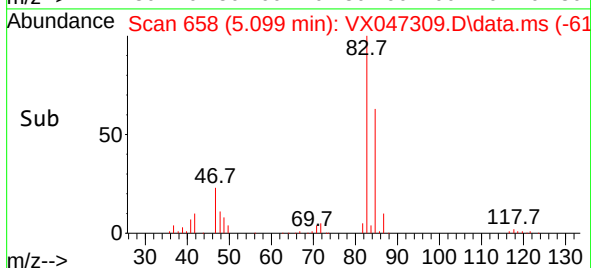
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

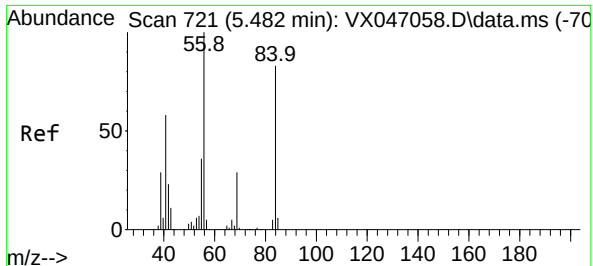


#30
Chloroform
Concen: 51.555 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.006 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44



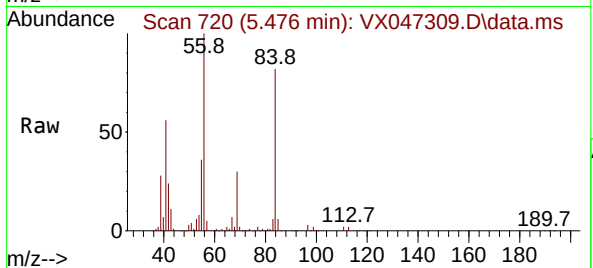
Tgt Ion: 83 Resp: 258046
Ion Ratio Lower Upper
83 100
85 65.3 50.9 76.3





#31
Cyclohexane
Concen: 46.334 ug/l
RT: 5.476 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

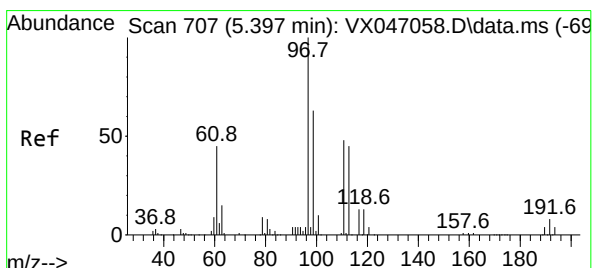
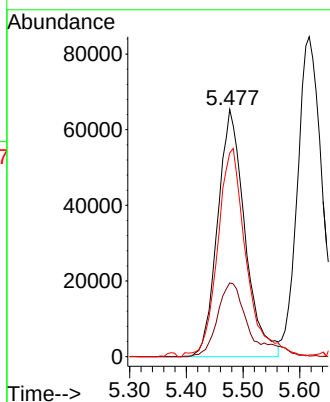
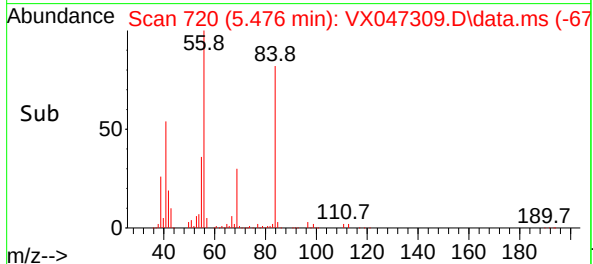
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 218449
Ion Ratio Lower Upper
56 100
69 29.4 23.3 34.9
84 82.2 66.5 99.7

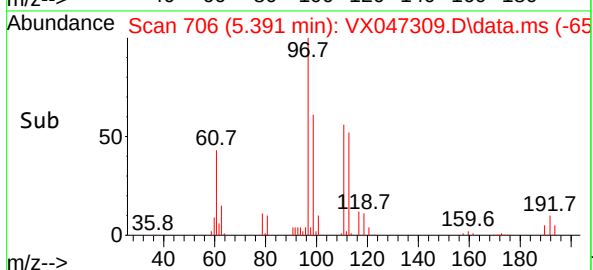
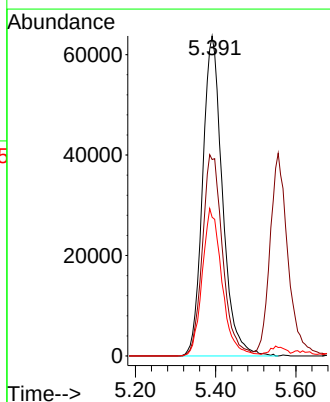
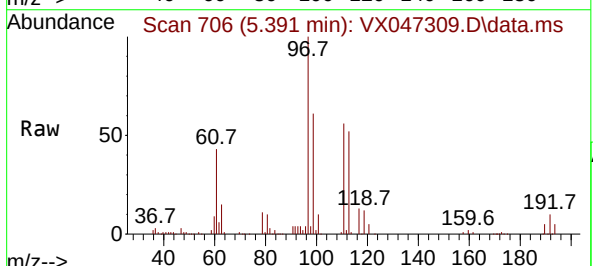
Manual Integrations
APPROVED

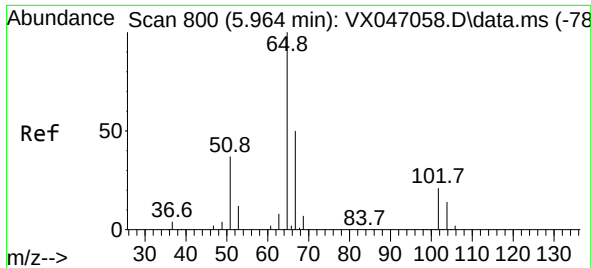
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#32
1,1,1-Trichloroethane
Concen: 50.322 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

Tgt Ion: 97 Resp: 218773
Ion Ratio Lower Upper
97 100
99 64.1 51.2 76.8
61 45.9 37.1 55.7





#33
1,2-Dichloroethane-d4
Concen: 48.737 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

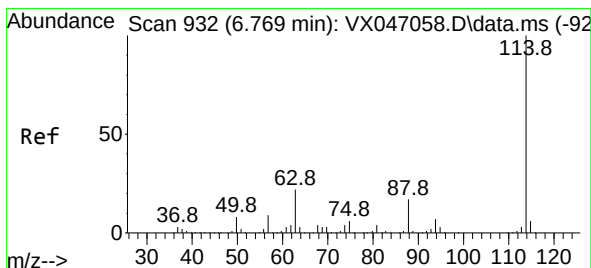
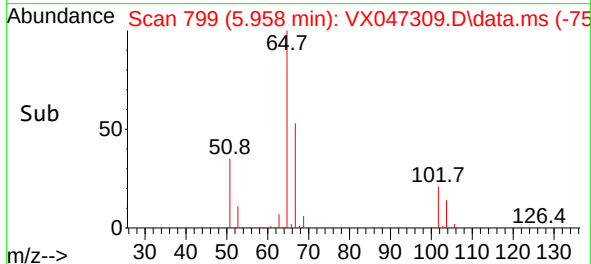
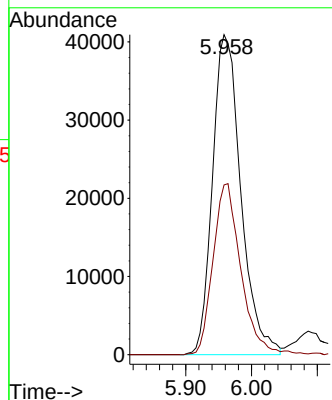
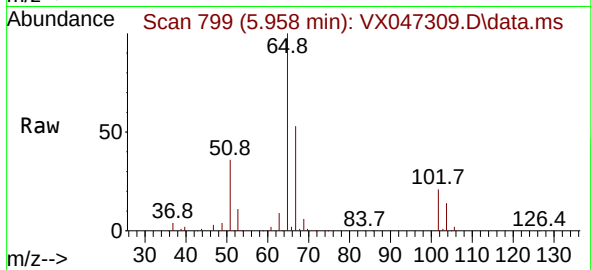
VSTDCCC050

Tgt Ion: 65 Resp: 12291
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.8

Manual Integrations

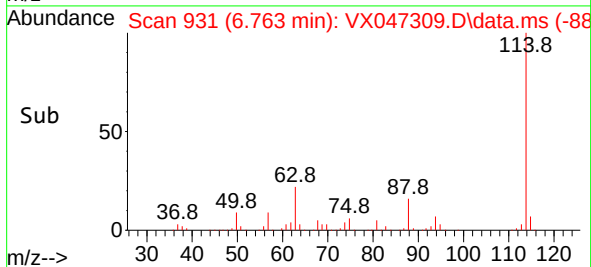
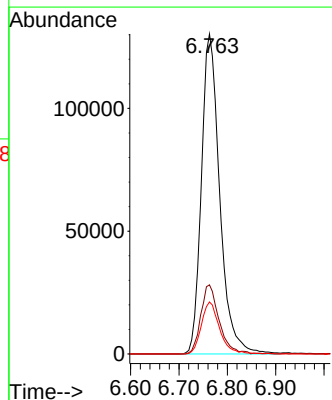
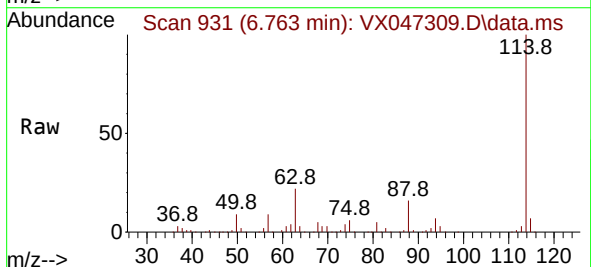
APPROVED

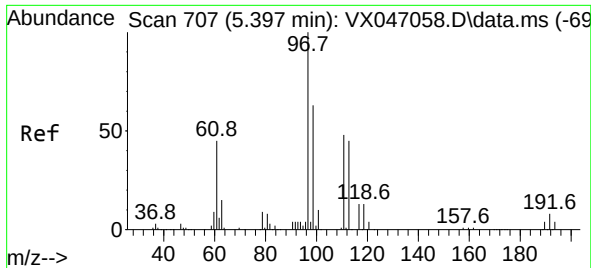
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

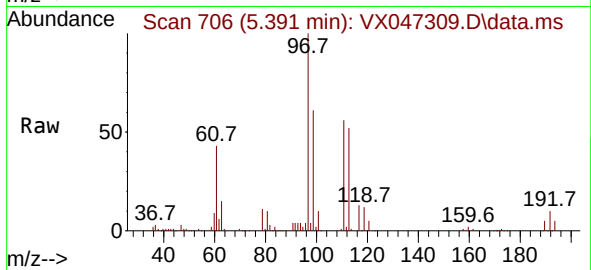
Tgt Ion:114 Resp: 343367
Ion Ratio Lower Upper
114 100
63 21.6 0.0 43.2
88 16.3 0.0 33.8





#35
Dibromofluoromethane
Concen: 51.627 ug/l
RT: 5.391 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

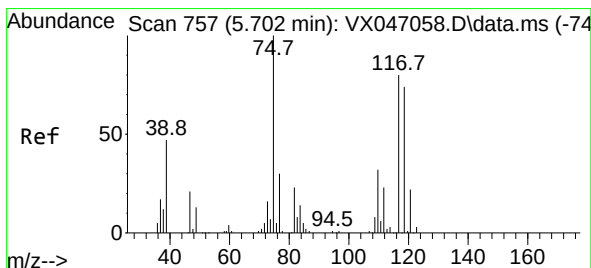
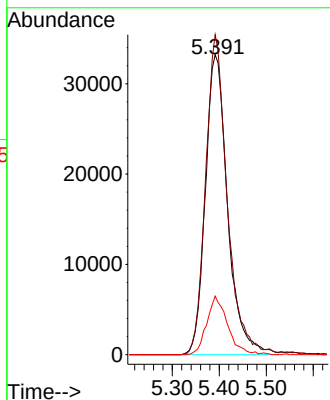
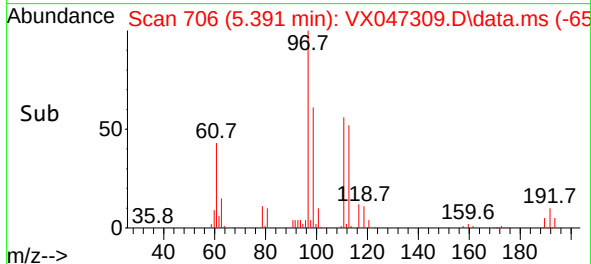
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 10945
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 18.2 14.9 22.3

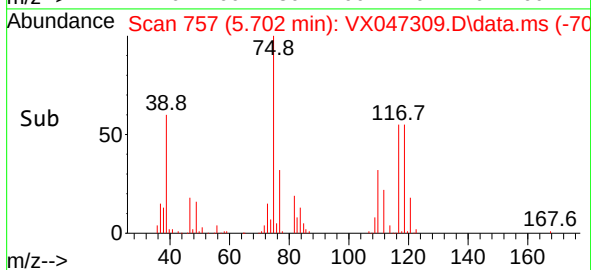
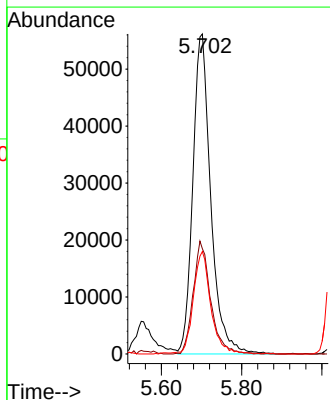
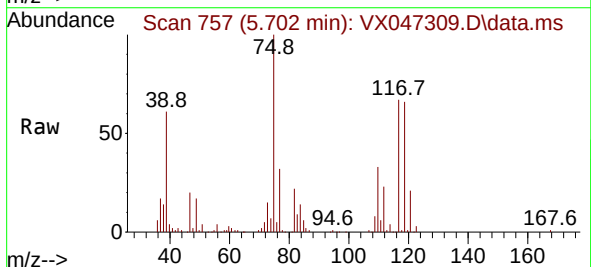
Manual Integrations
APPROVED

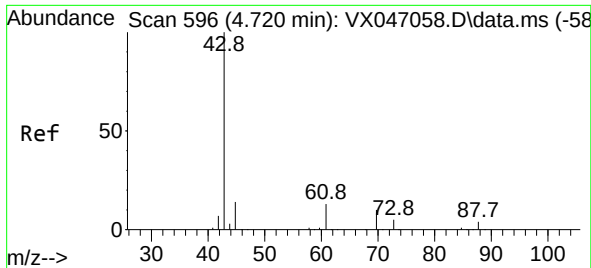
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#36
1,1-Dichloropropene
Concen: 48.290 ug/l
RT: 5.702 min Scan# 757
Delta R.T. 0.000 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

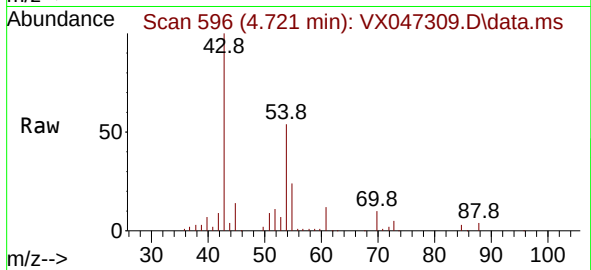
Tgt Ion: 75 Resp: 174512
Ion Ratio Lower Upper
75 100
110 34.2 17.2 51.5
77 30.7 25.1 37.7





#37
Ethyl Acetate
Concen: 57.925 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

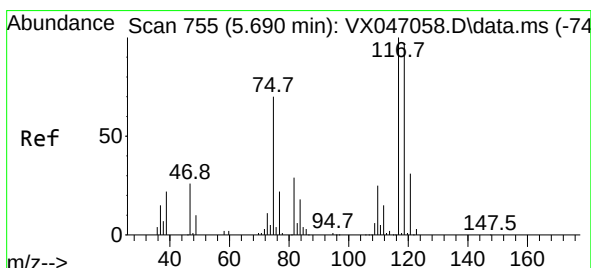
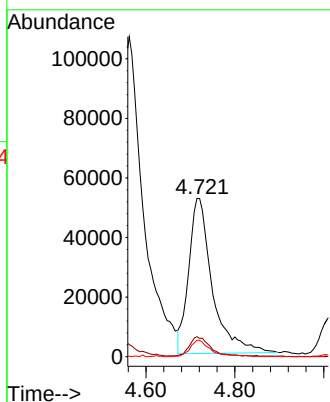
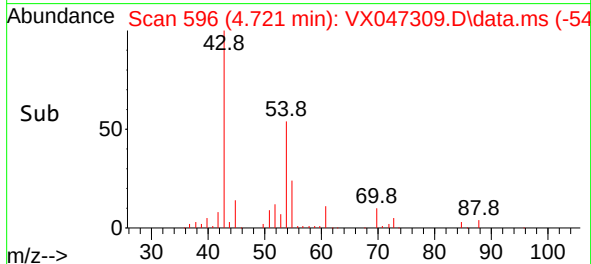
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 192890
Ion Ratio Lower Upper
43 100
61 10.7 10.2 15.2
70 9.3 8.1 12.1

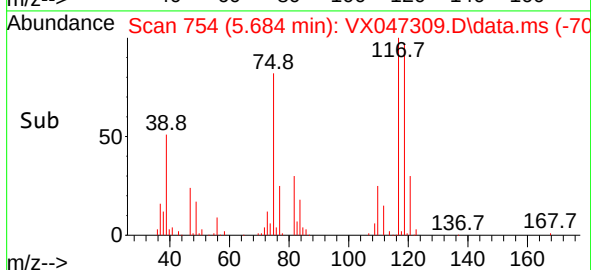
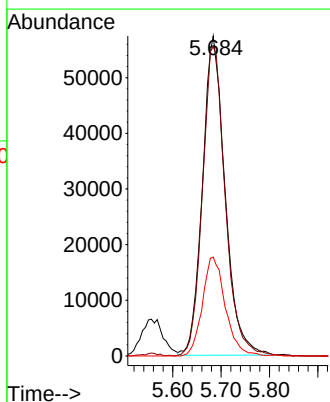
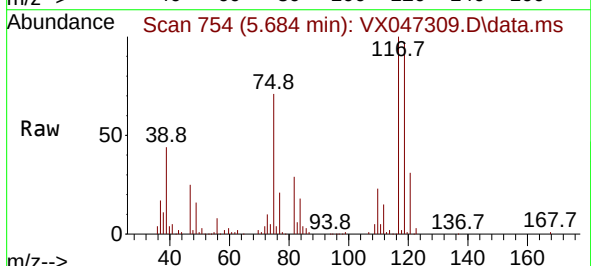
Manual Integrations
APPROVED

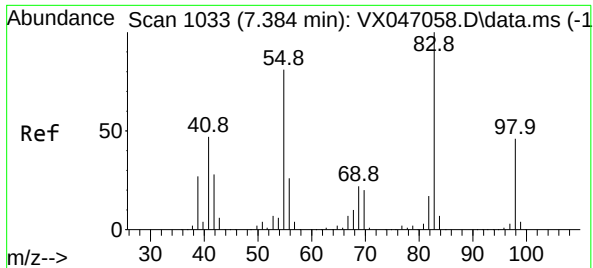
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#38
Carbon Tetrachloride
Concen: 48.263 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

Tgt Ion:117 Resp: 186156
Ion Ratio Lower Upper
117 100
119 96.7 76.6 115.0
121 31.0 24.4 36.6





#39
Methylcyclohexane
Concen: 45.966 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

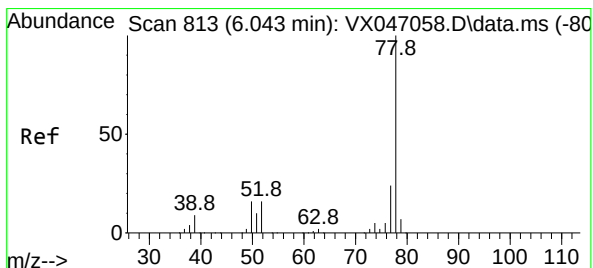
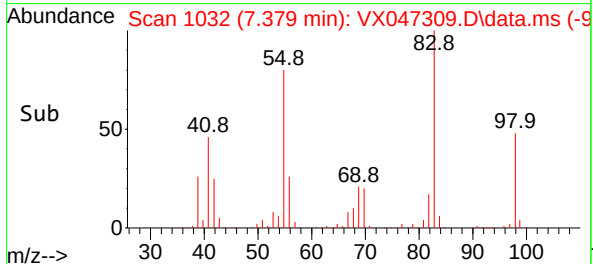
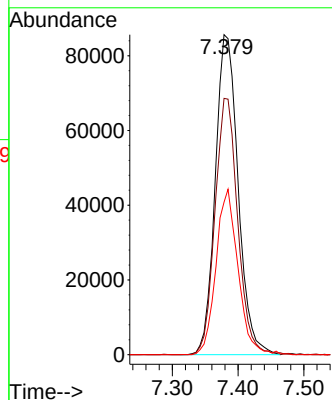
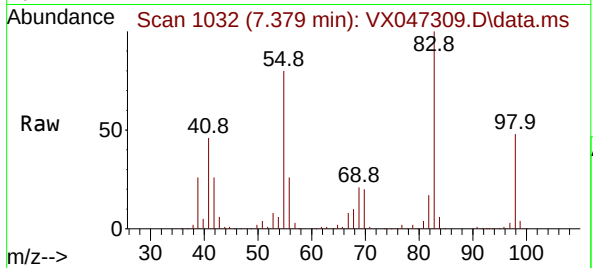
Tgt Ion: 83 Resp: 20740
Ion Ratio Lower Upper
83 100
55 80.1 64.5 96.7
98 47.7 36.9 55.3

Manual Integrations

APPROVED

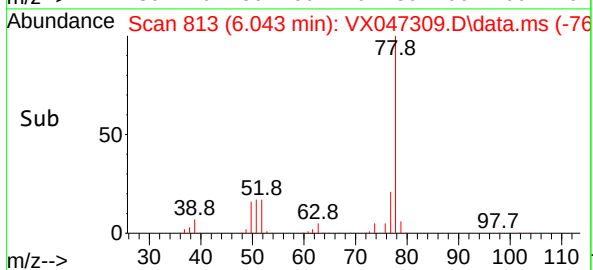
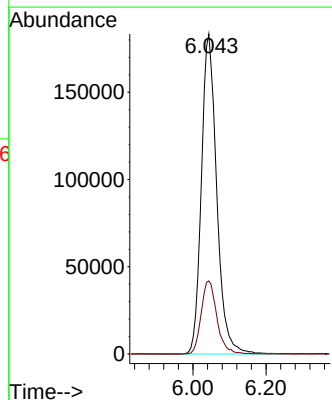
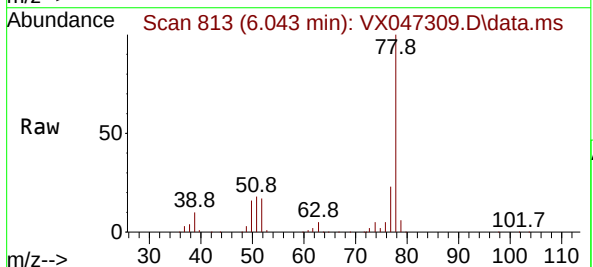
Reviewed By :John Carlone 08/14/2025

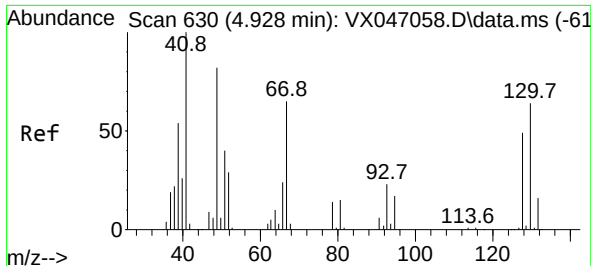
Supervised By :Mahesh Dadoda 08/18/2025



#40
Benzene
Concen: 51.034 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

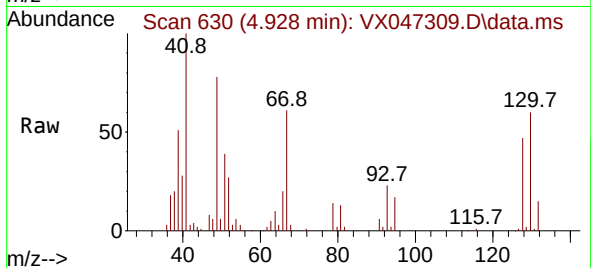
Tgt Ion: 78 Resp: 533739
Ion Ratio Lower Upper
78 100
77 22.8 19.0 28.4





#41
Methacrylonitrile
Concen: 51.663 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

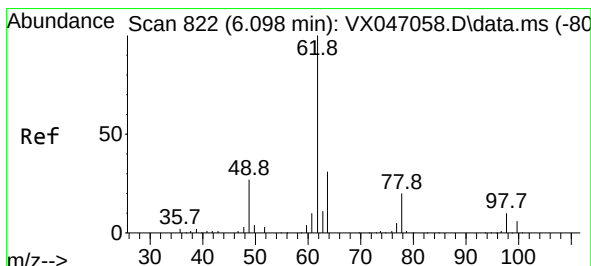
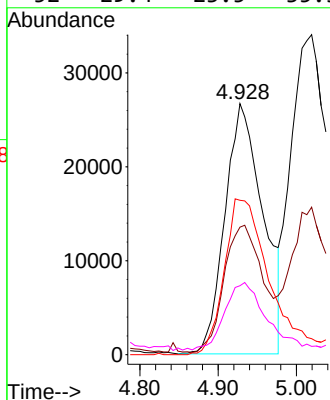
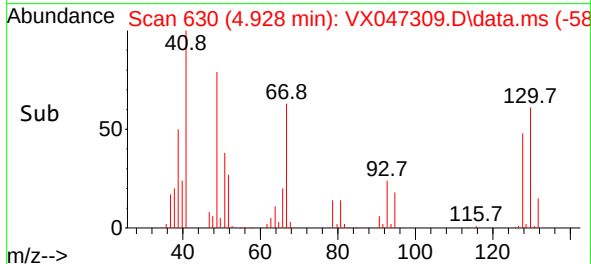
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 89952
Ion Ratio Lower Upper
41 100
39 51.0 44.2 66.2
67 75.6 56.4 84.6
52 29.4 23.5 35.3

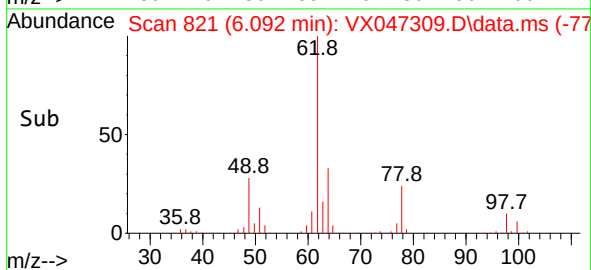
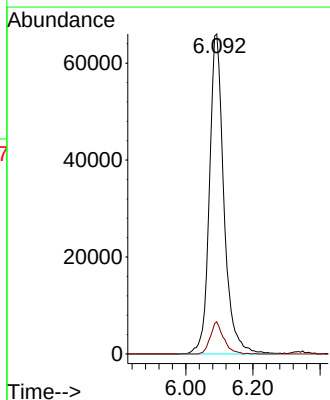
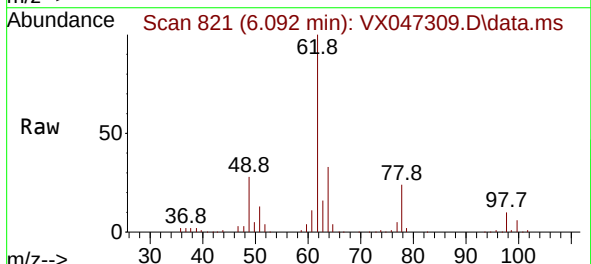
Manual Integrations
APPROVED

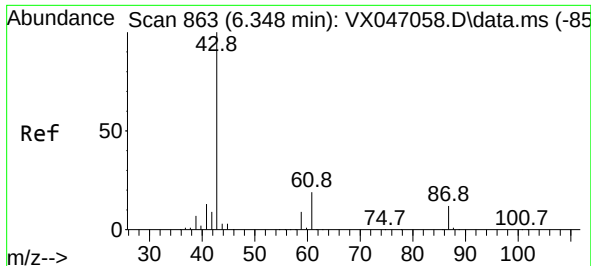
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#42
1,2-Dichloroethane
Concen: 53.804 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

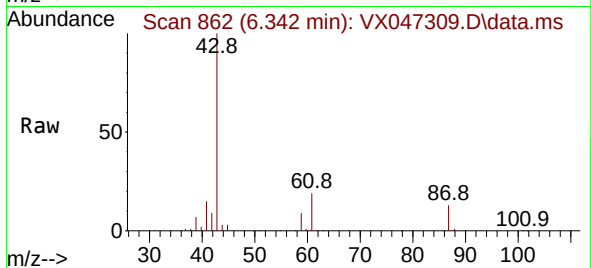
Tgt Ion: 62 Resp: 198218
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.8





#43
Isopropyl Acetate
Concen: 55.423 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

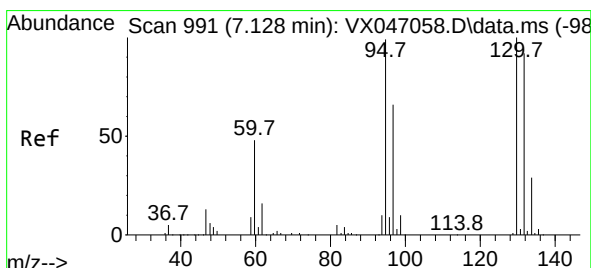
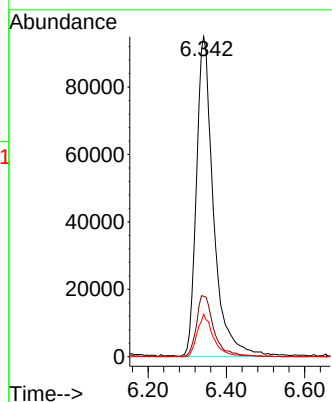
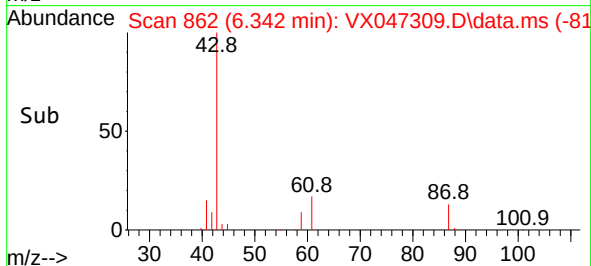
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 28772
Ion Ratio Lower Upper
43 100
61 19.6 15.1 22.7
87 12.7 9.7 14.5

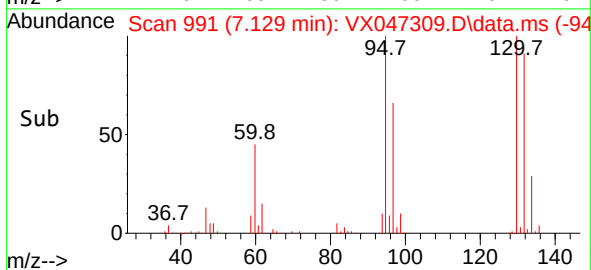
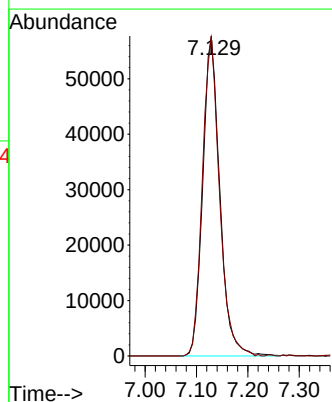
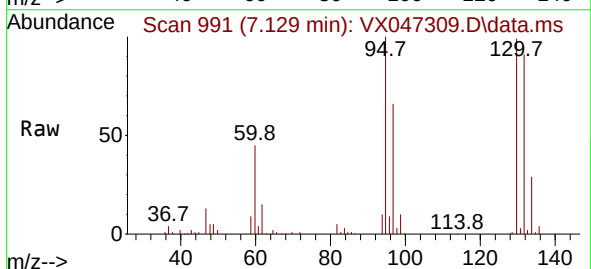
Manual Integrations
APPROVED

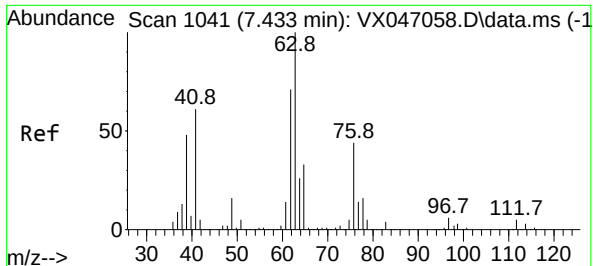
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#44
Trichloroethene
Concen: 49.765 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

Tgt Ion:130 Resp: 133465
Ion Ratio Lower Upper
130 100
95 100.6 0.0 198.6





#45

1,2-Dichloropropane

Concen: 51.888 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX047309.D

Acq: 13 Aug 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 135914

Ion Ratio Lower Upper

63 100

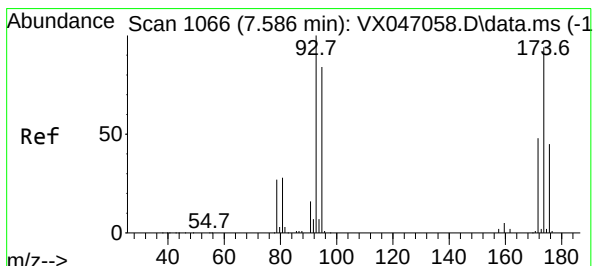
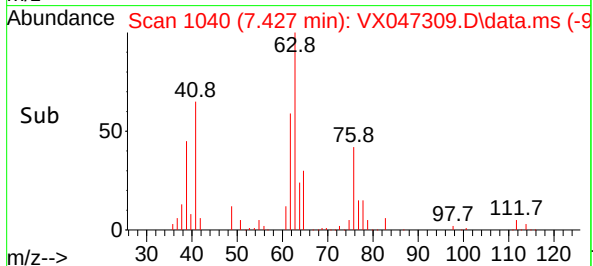
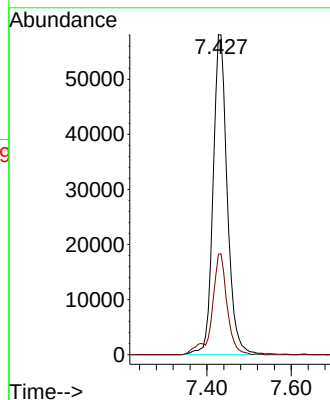
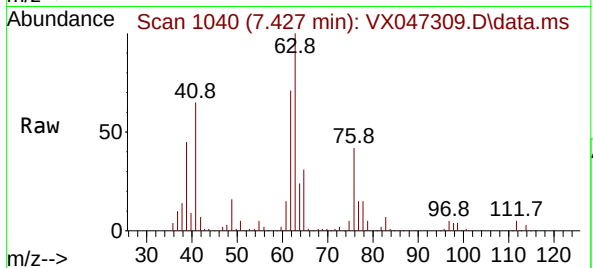
65 31.4 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#46

Dibromomethane

Concen: 55.078 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX047309.D

Acq: 13 Aug 2025 09:44

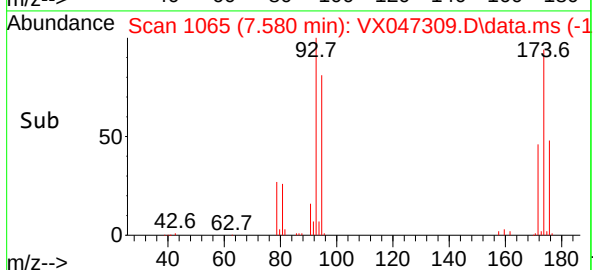
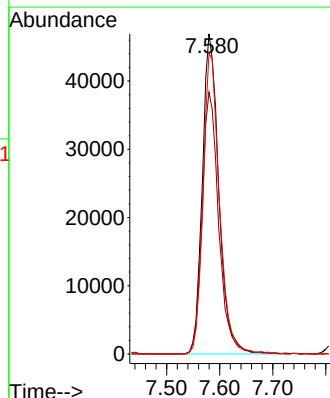
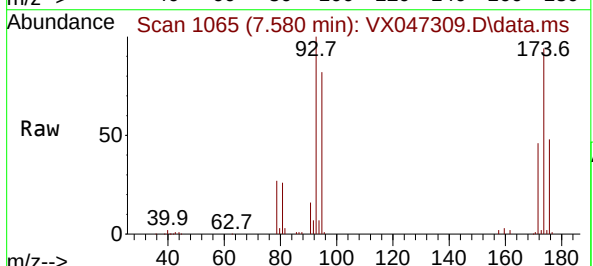
Tgt Ion: 93 Resp: 101172

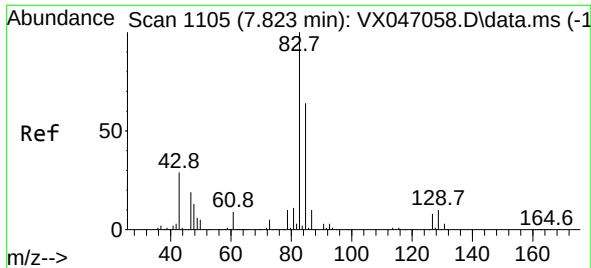
Ion Ratio Lower Upper

93 100

95 81.8 65.9 98.9

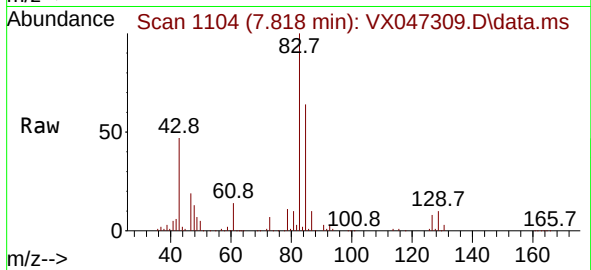
174 93.1 74.6 112.0





#47
Bromodichloromethane
Concen: 53.254 ug/l
RT: 7.818 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

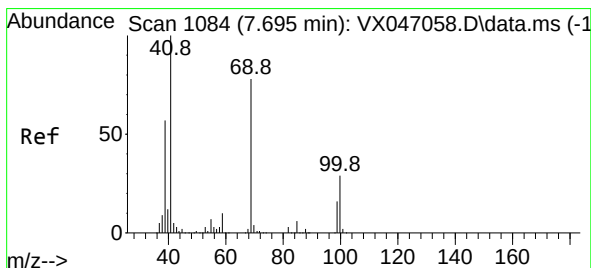
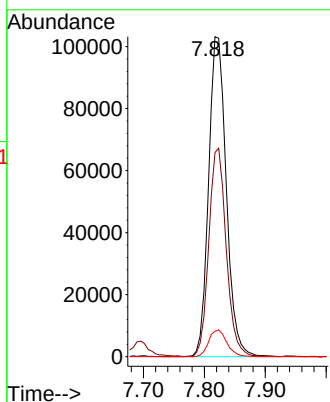
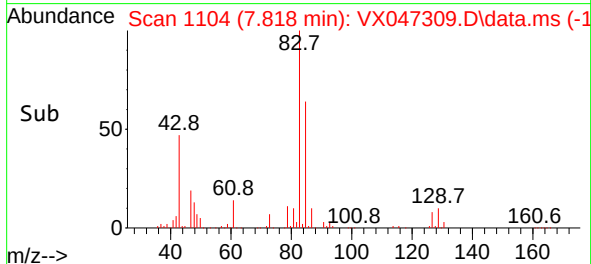
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 20821
Ion Ratio Lower Upper
83 100
85 63.7 49.9 74.9
127 7.9 6.6 10.0

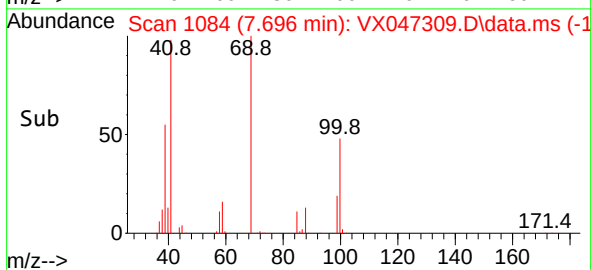
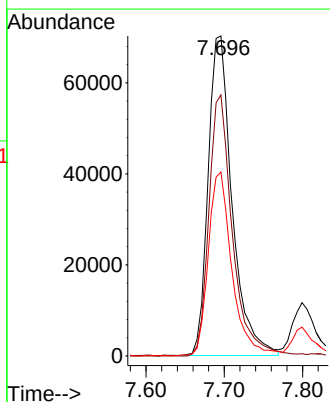
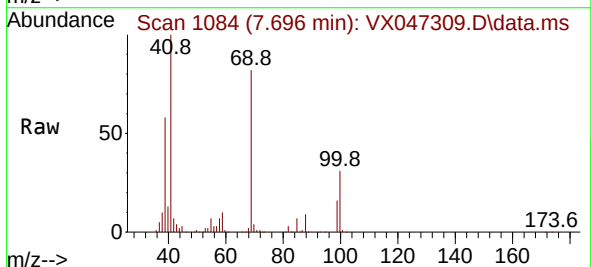
Manual Integrations
APPROVED

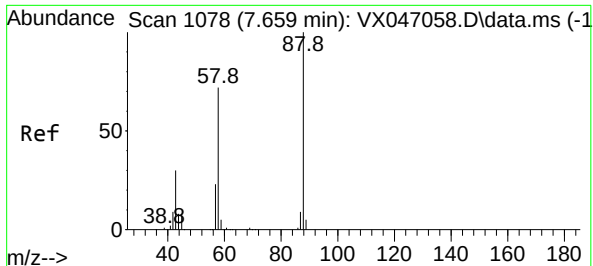
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#48
Methyl methacrylate
Concen: 52.829 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

Tgt Ion: 41 Resp: 149404
Ion Ratio Lower Upper
41 100
69 80.0 62.3 93.5
39 56.7 44.8 67.2





#49

1,4-Dioxane

Concen: 1042.543 ug/l

RT: 7.677 min Scan# 1081

Delta R.T. 0.019 min

Lab File: VX047309.D

Acq: 13 Aug 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

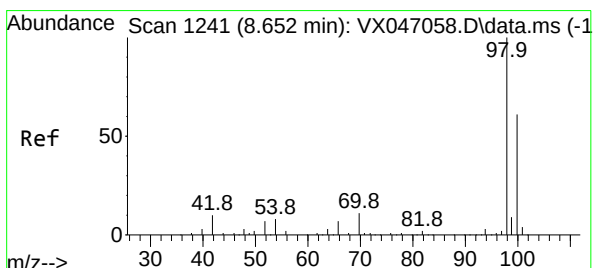
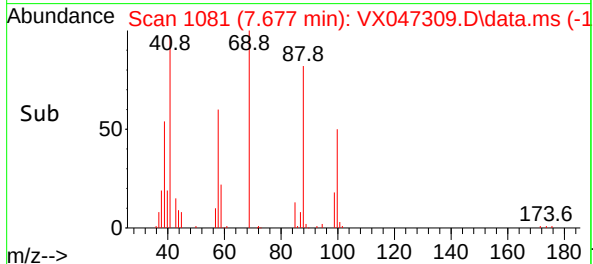
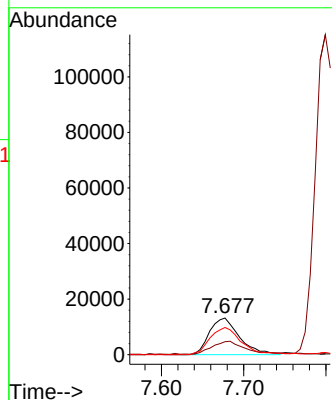
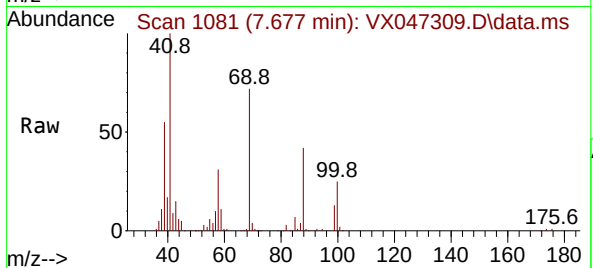
Tgt Ion:	88	Resp:	33534
Ion	Ratio	Lower	Upper
88	100		
43	38.0	33.6	50.4
58	78.7	58.8	88.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#50

Toluene-d8

Concen: 43.990 ug/l

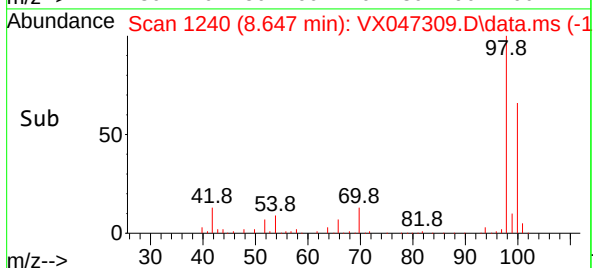
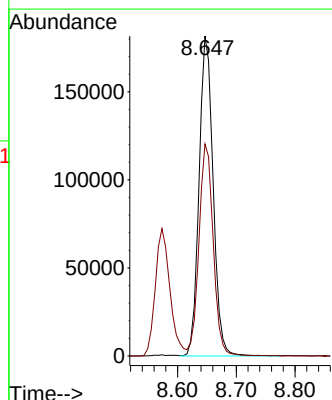
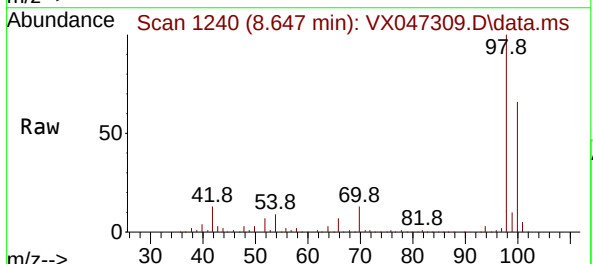
RT: 8.647 min Scan# 1240

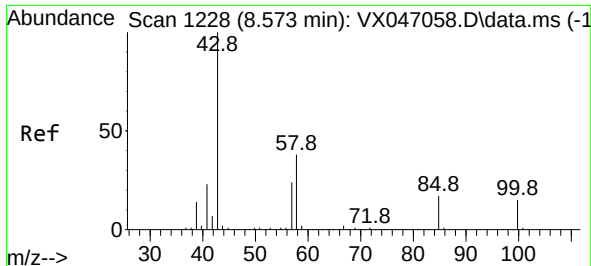
Delta R.T. -0.006 min

Lab File: VX047309.D

Acq: 13 Aug 2025 09:44

Tgt Ion:	98	Resp:	302023
Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.3	79.9





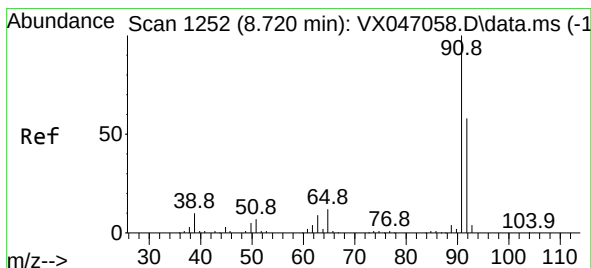
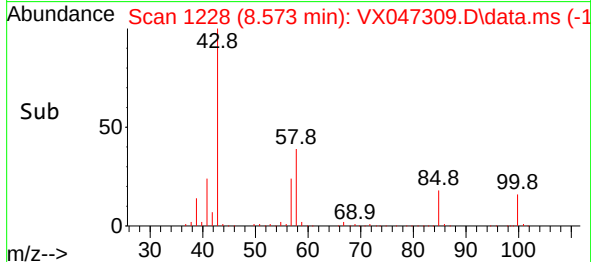
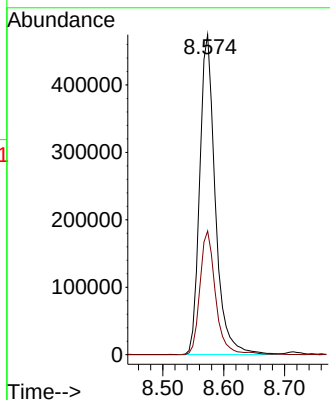
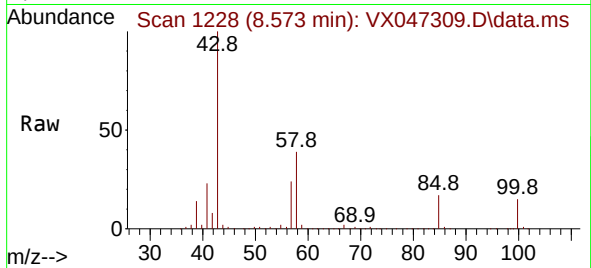
#51
4-Methyl-2-Pentanone
Concen: 274.116 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 84583
Ion Ratio Lower Upper
43 100
58 39.0 30.6 45.8

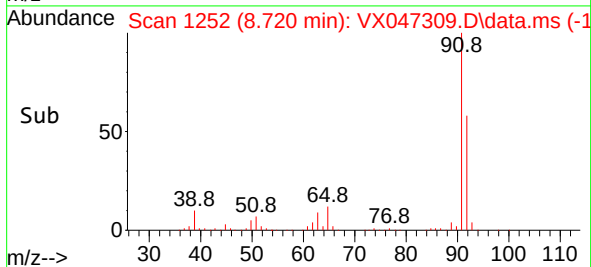
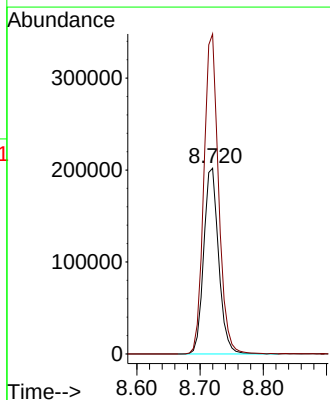
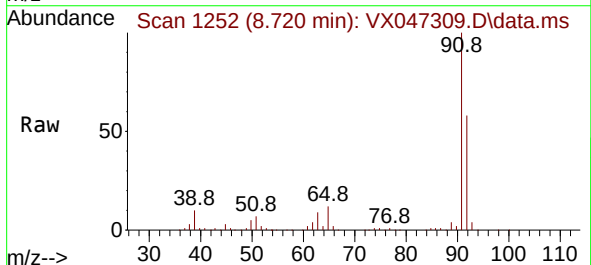
Manual Integrations
APPROVED

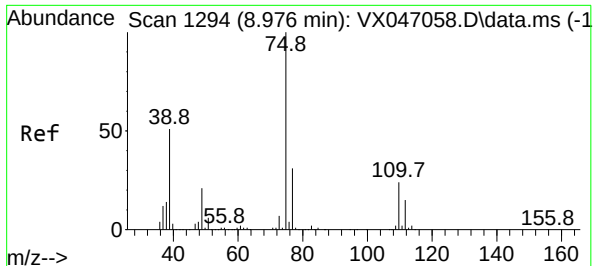
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#52
Toluene
Concen: 51.598 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

Tgt Ion: 92 Resp: 331807
Ion Ratio Lower Upper
92 100
91 169.9 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 52.270 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX047309.D

Acq: 13 Aug 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 19298

Ion Ratio Lower Upper

75 100

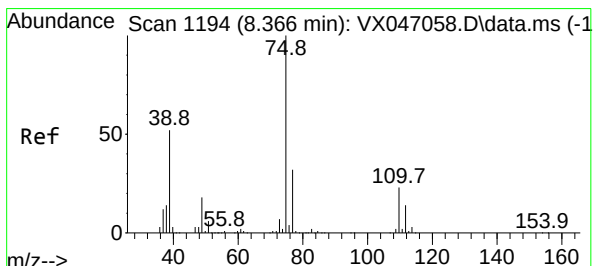
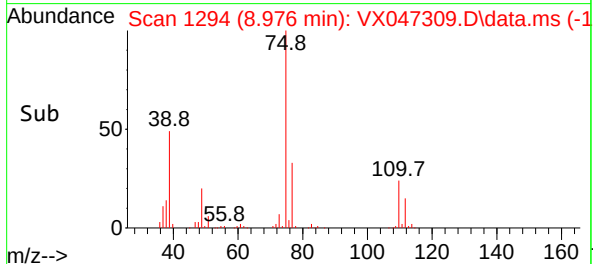
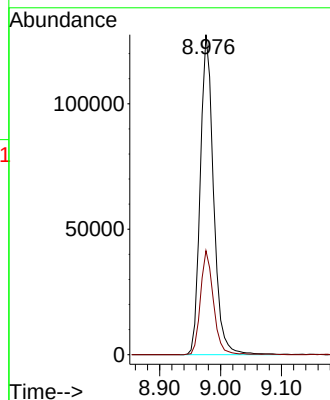
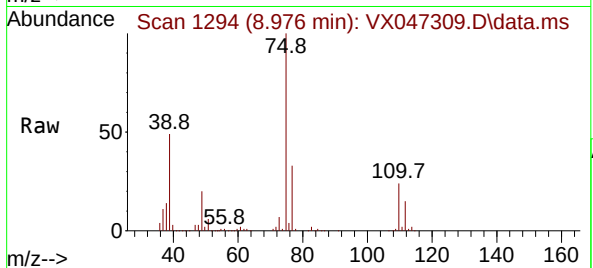
77 32.5 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#54

cis-1,3-Dichloropropene

Concen: 52.423 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX047309.D

Acq: 13 Aug 2025 09:44

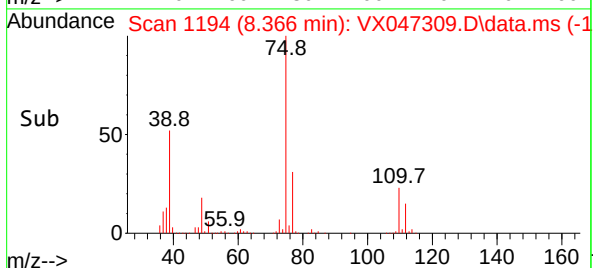
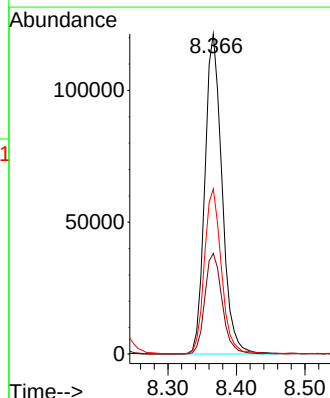
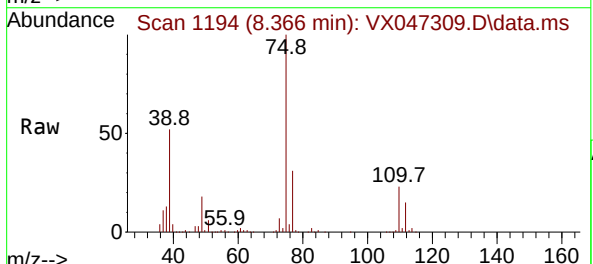
Tgt Ion: 75 Resp: 211833

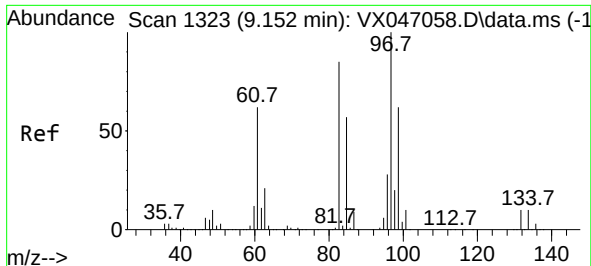
Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0

39 50.8 41.8 62.6





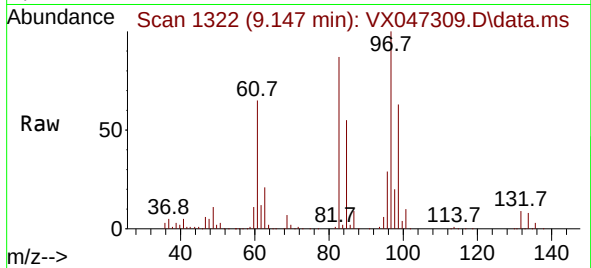
#55
1,1,2-Trichloroethane
Concen: 54.707 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



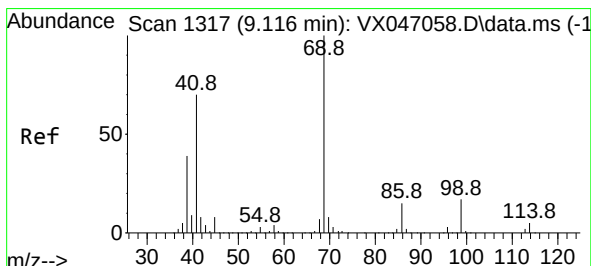
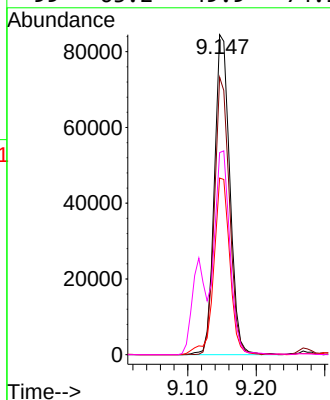
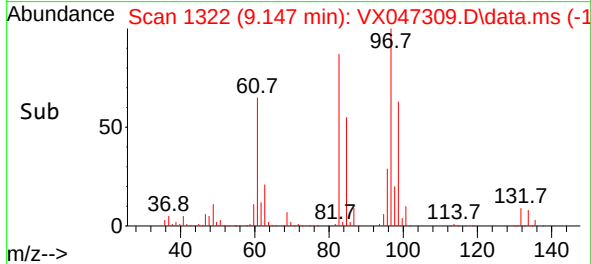
Tgt Ion:	97	Resp:	131934
Ion	Ratio	Lower	Upper
97	100		
83	86.7	68.0	102.0
85	55.2	45.2	67.8
99	63.2	49.9	74.9

Manual Integrations

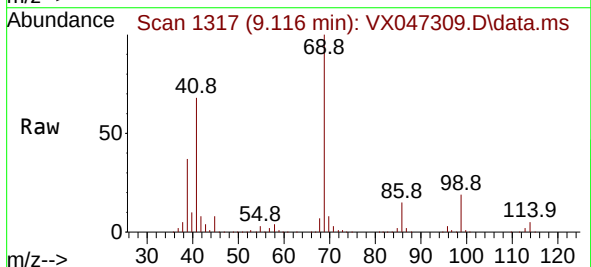
APPROVED

Reviewed By :John Carlone 08/14/2025

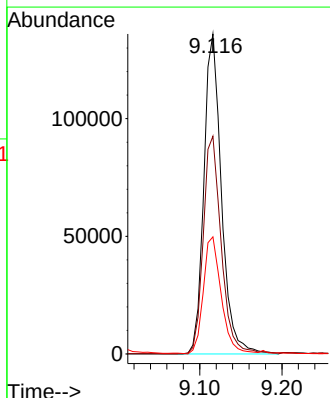
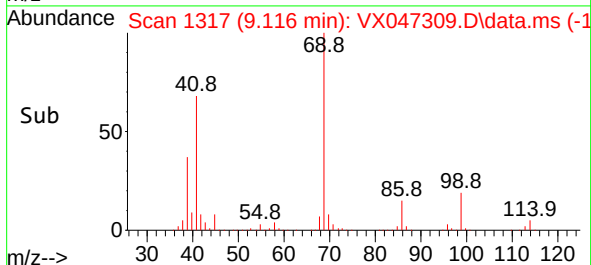
Supervised By :Mahesh Dadoda 08/18/2025

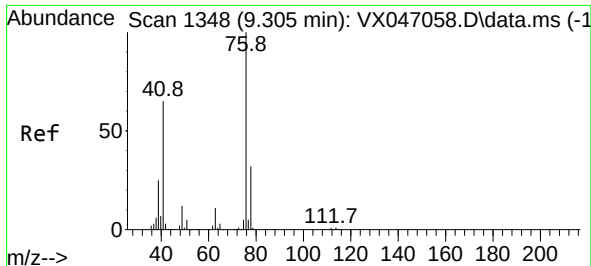


#56
Ethyl methacrylate
Concen: 56.604 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44



Tgt Ion:	69	Resp:	202090
Ion	Ratio	Lower	Upper
69	100		
41	69.9	56.1	84.1
39	36.8	31.1	46.7





#57

1,3-Dichloropropane

Concen: 53.892 ug/l

RT: 9.305 min Scan# 1117

Delta R.T. 0.000 min

Lab File: VX047309.D

Acq: 13 Aug 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 22588

Ion Ratio Lower Upper

76 100

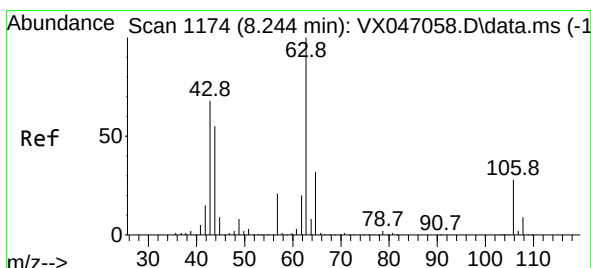
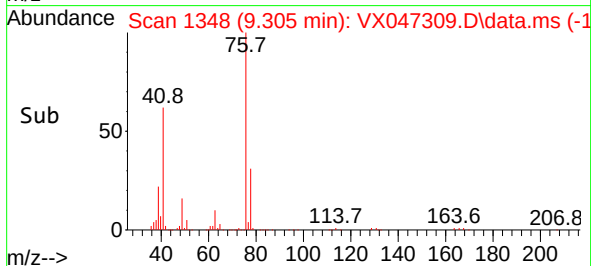
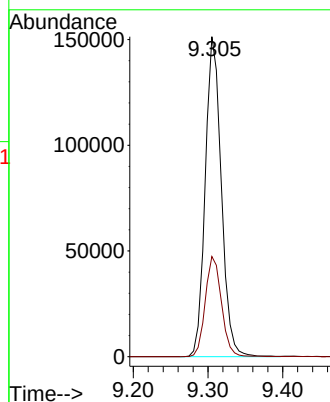
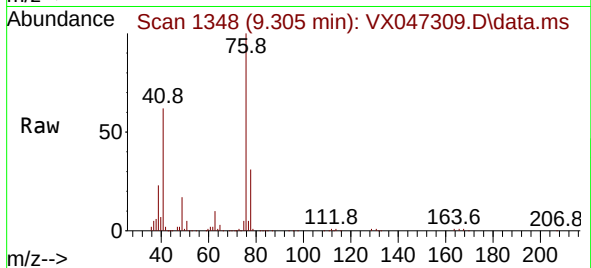
78 31.6 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#58

2-Chloroethyl Vinyl ether

Concen: 255.533 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX047309.D

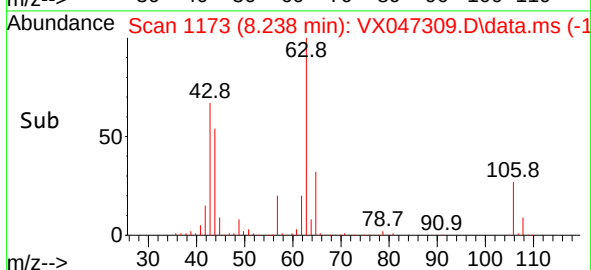
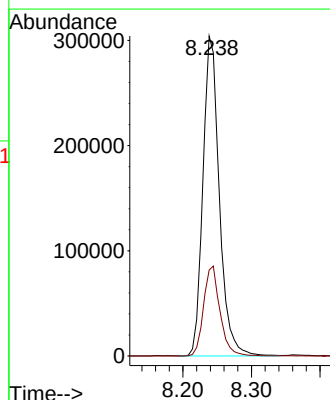
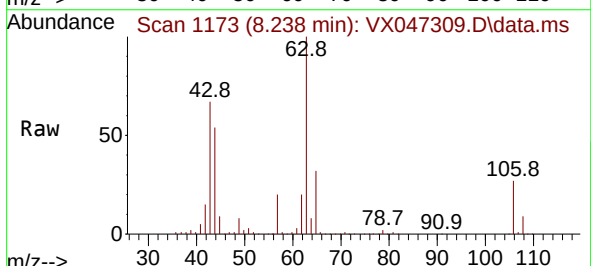
Acq: 13 Aug 2025 09:44

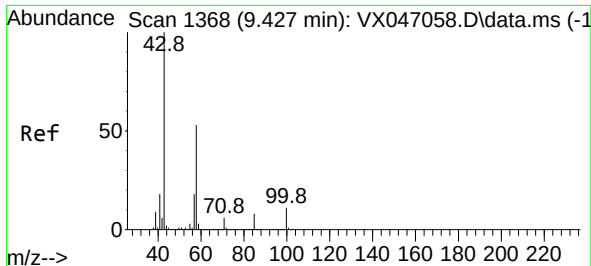
Tgt Ion: 63 Resp: 507677

Ion Ratio Lower Upper

63 100

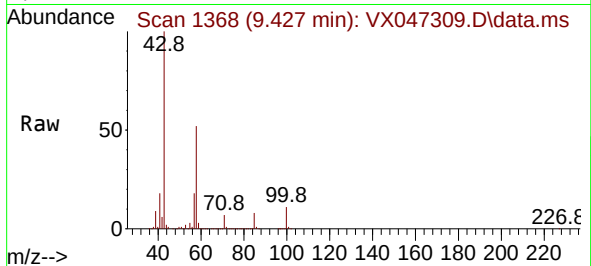
106 28.1 22.2 33.4





#59
2-Hexanone
Concen: 290.316 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

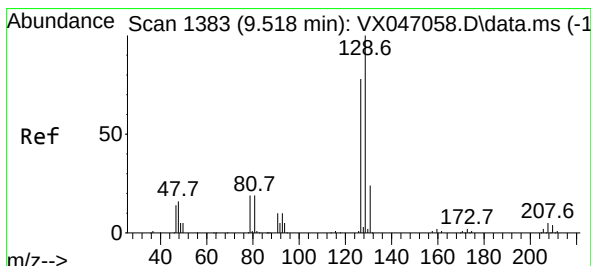
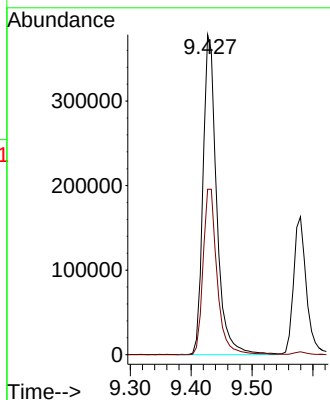
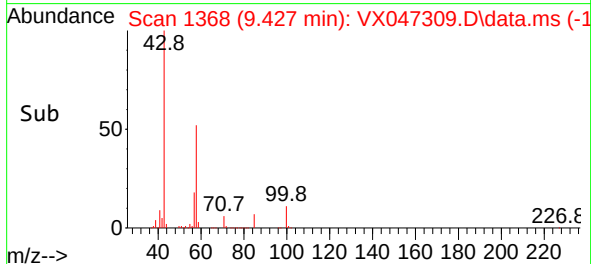
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 591849
Ion Ratio Lower Upper
43 100
58 53.1 26.5 79.5

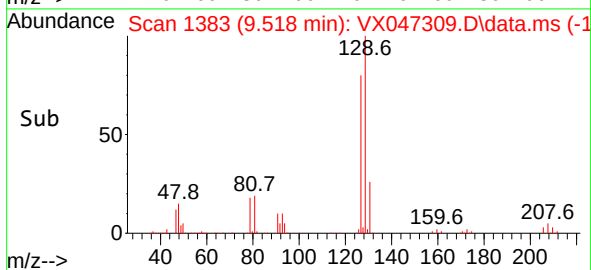
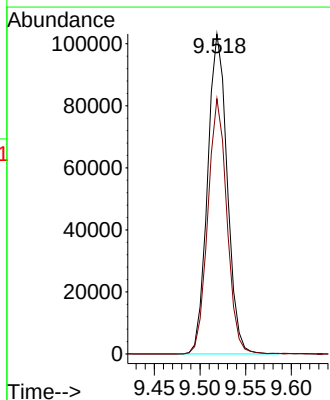
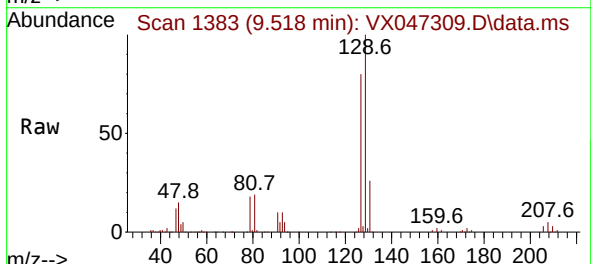
Manual Integrations
APPROVED

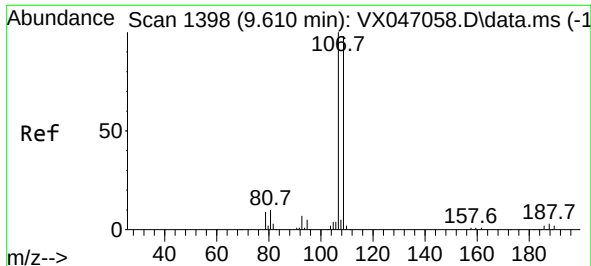
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#60
Dibromochloromethane
Concen: 54.334 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

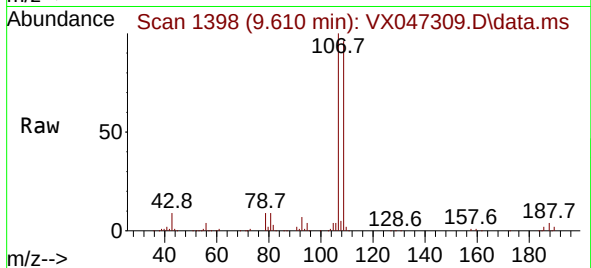
Tgt Ion:129 Resp: 153681
Ion Ratio Lower Upper
129 100
127 77.5 38.6 115.8





#61
1,2-Dibromoethane
Concen: 54.281 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

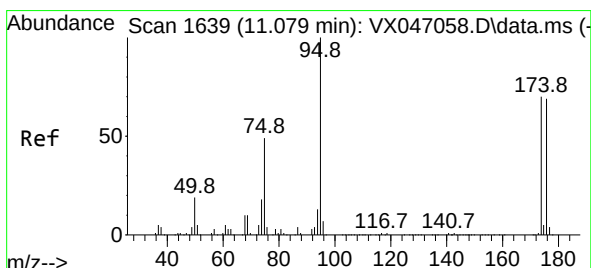
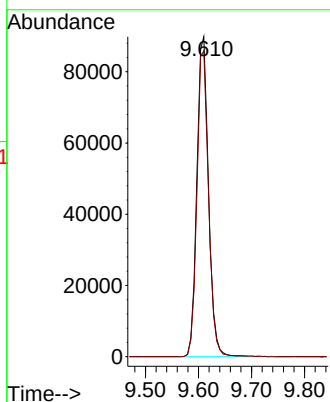
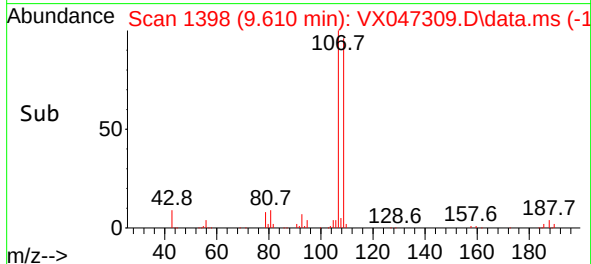
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



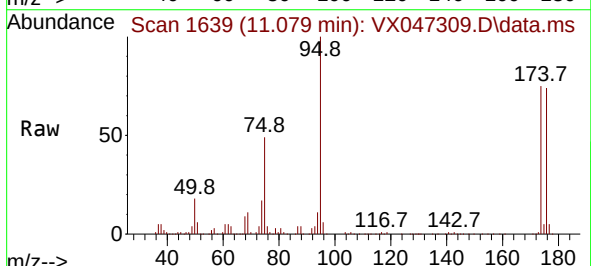
Tgt Ion:107 Resp: 13688
Ion Ratio Lower Upper
107 100
109 95.0 74.6 112.0

Manual Integrations
APPROVED

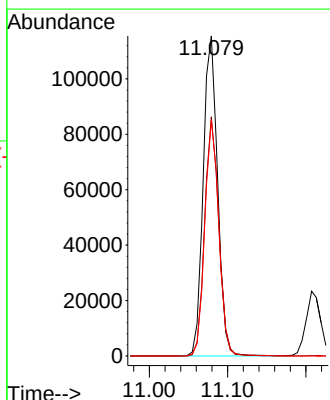
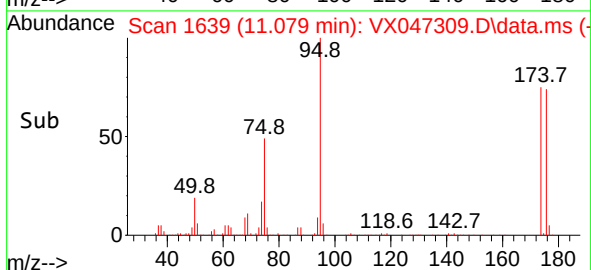
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

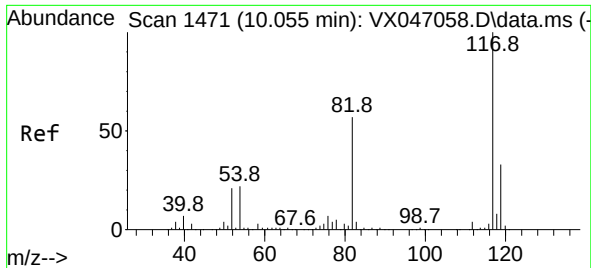


#62
4-Bromofluorobenzene
Concen: 49.666 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44



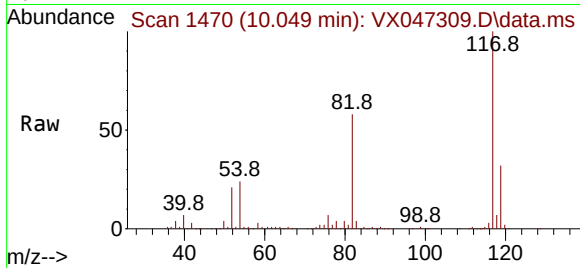
Tgt Ion: 95 Resp: 146951
Ion Ratio Lower Upper
95 100
174 73.3 0.0 144.6
176 71.8 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

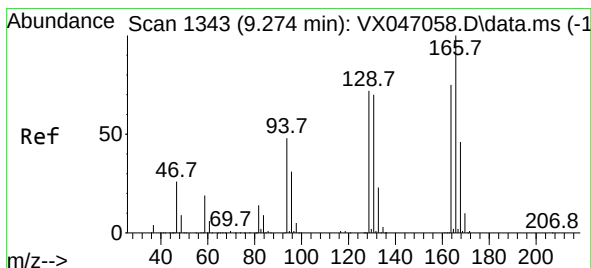
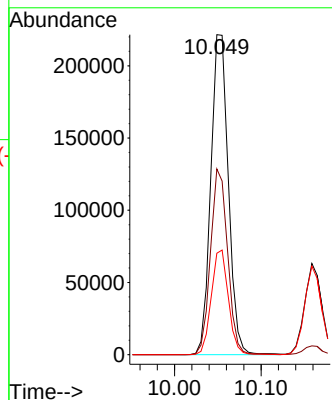
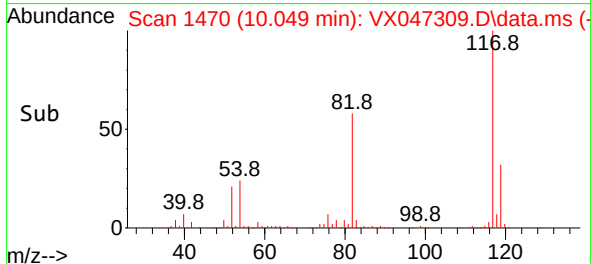
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 311895
Ion Ratio Lower Upper
117 100
82 58.0 45.4 68.2
119 31.7 26.1 39.1

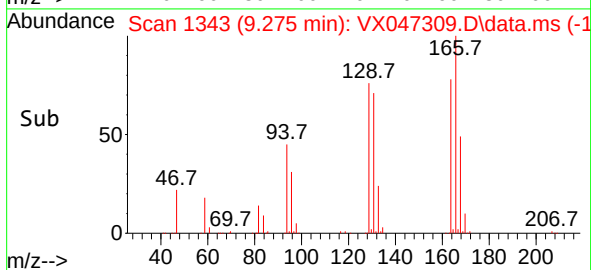
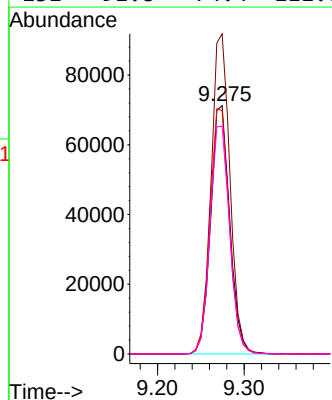
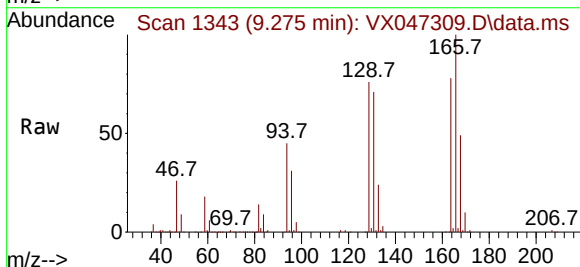
Manual Integrations
APPROVED

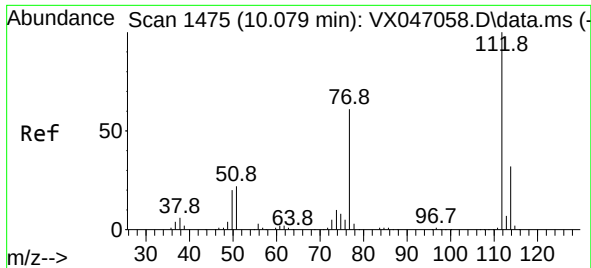
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#64
Tetrachloroethene
Concen: 48.451 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

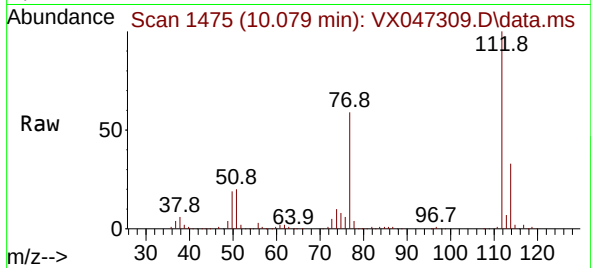
Tgt Ion:164 Resp: 108938
Ion Ratio Lower Upper
164 100
166 128.9 106.2 159.4
129 98.0 76.6 114.8
131 91.8 74.4 111.6





#65
Chlorobenzene
Concen: 50.536 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

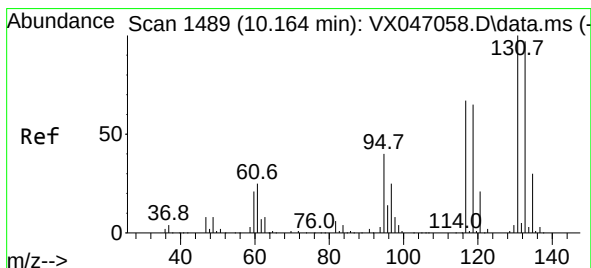
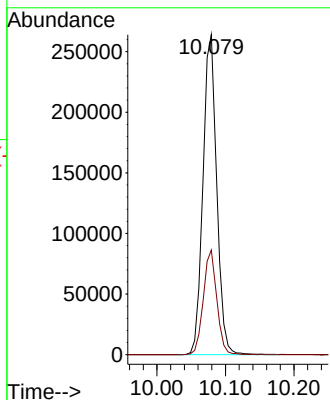
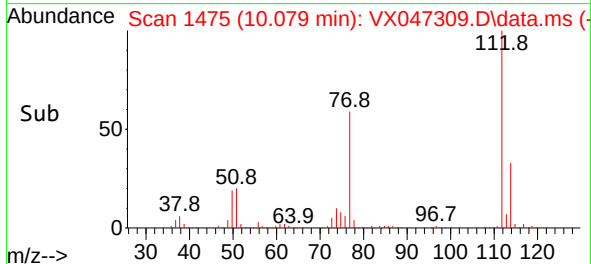
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 36925
Ion Ratio Lower Upper
112 100
114 32.7 25.8 38.6

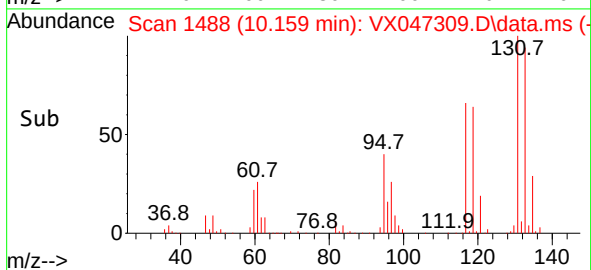
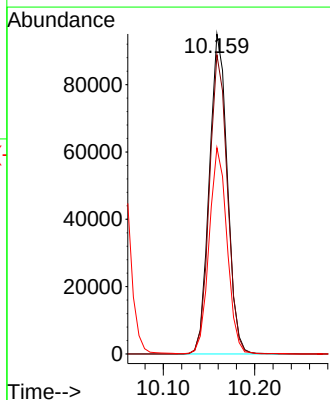
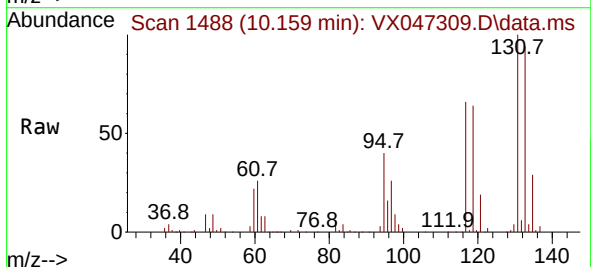
Manual Integrations
APPROVED

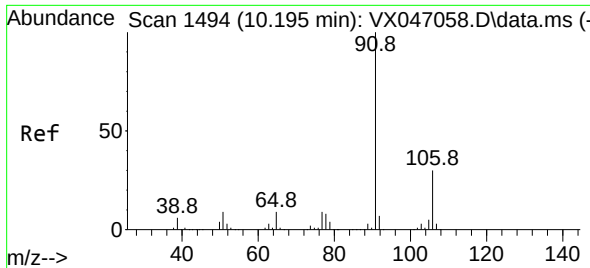
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 52.854 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

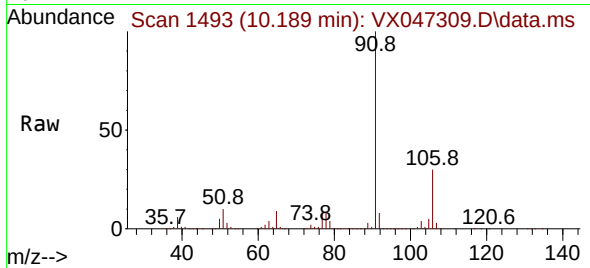
Tgt Ion:131 Resp: 130021
Ion Ratio Lower Upper
131 100
133 93.6 48.4 145.3
119 64.0 32.4 97.0





#67
Ethyl Benzene
Concen: 50.127 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

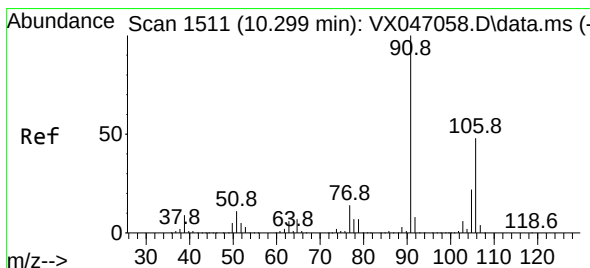
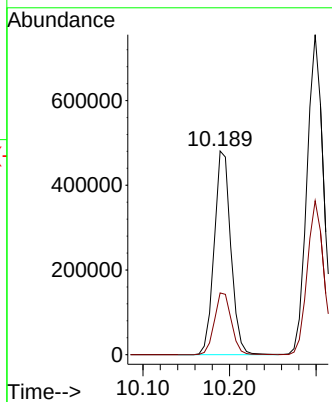
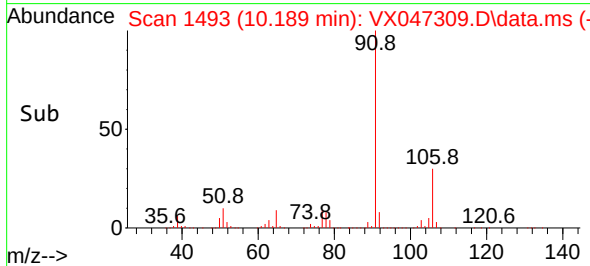
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 640385
Ion Ratio Lower Upper
91 100
106 30.3 24.2 36.4

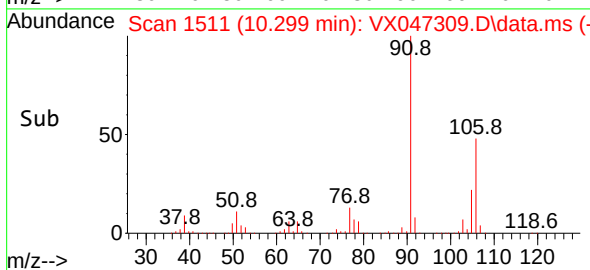
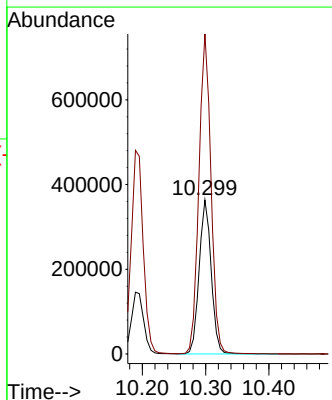
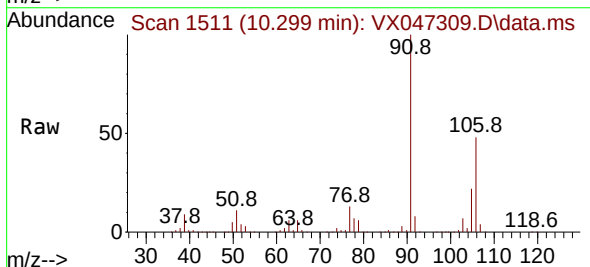
Manual Integrations
APPROVED

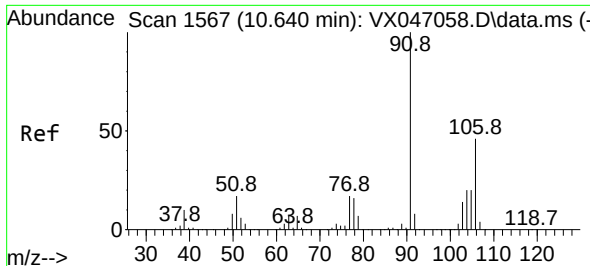
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#68
m/p-Xylenes
Concen: 100.800 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

Tgt Ion:106 Resp: 481905
Ion Ratio Lower Upper
106 100
91 208.6 167.4 251.0





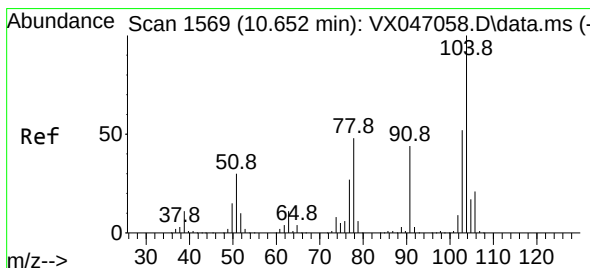
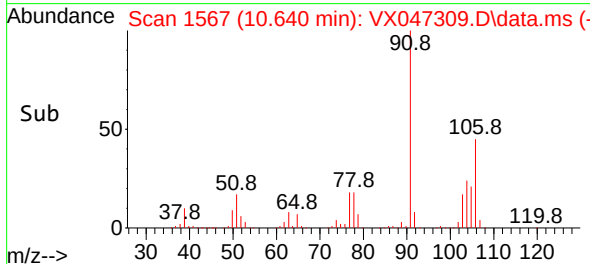
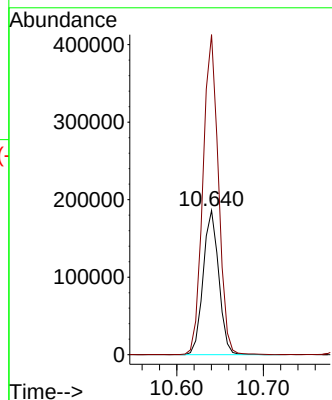
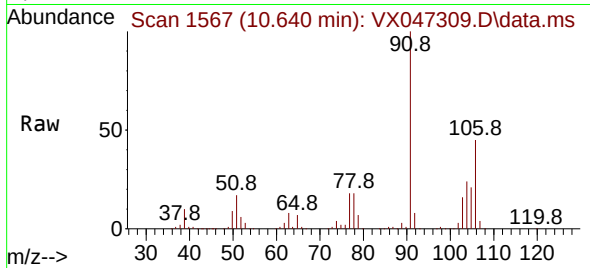
#69
o-Xylene
Concen: 51.121 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 23250
Ion Ratio Lower Upper
106 100
91 220.5 110.3 331.0

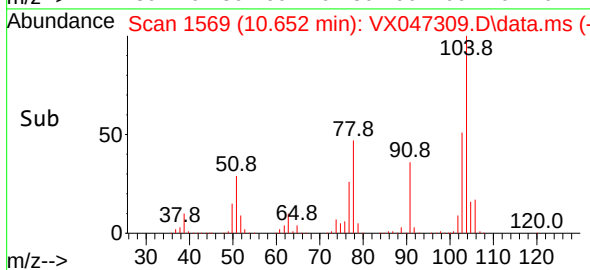
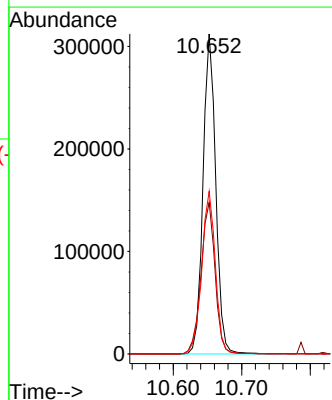
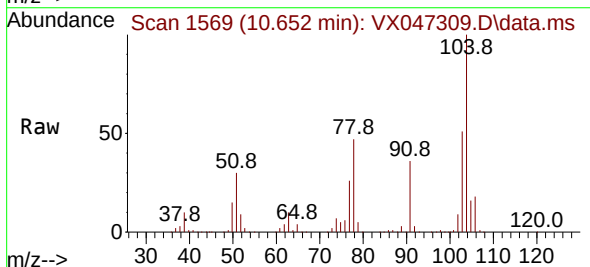
Manual Integrations
APPROVED

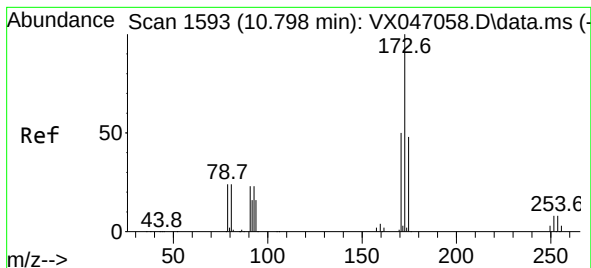
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#70
Styrene
Concen: 51.852 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

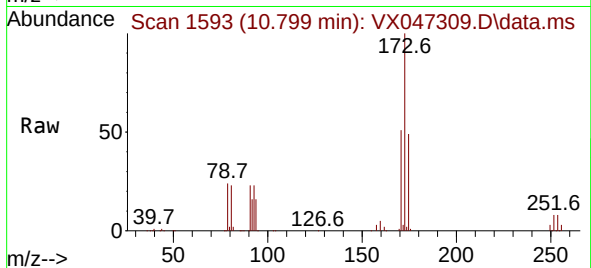
Tgt Ion:104 Resp: 404384
Ion Ratio Lower Upper
104 100
78 52.4 42.0 63.0
103 54.7 43.8 65.6





#71
Bromoform
Concen: 54.108 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

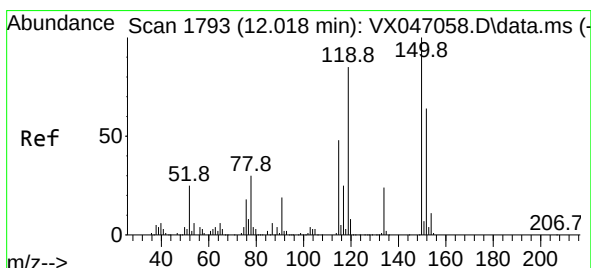
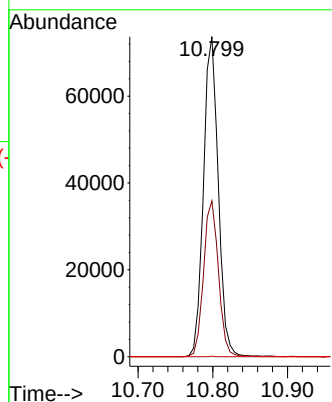
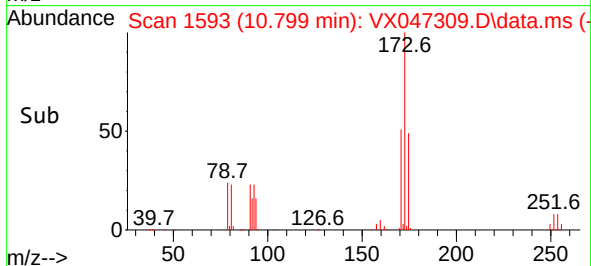
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



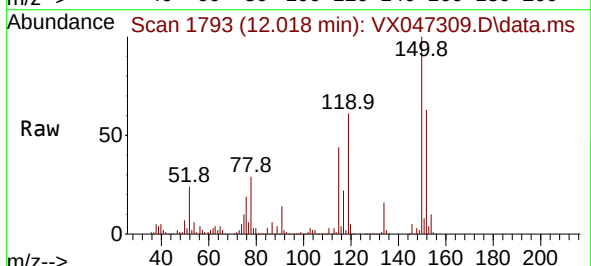
Tgt Ion:173 Resp: 10111
Ion Ratio Lower Upper
173 100
175 49.0 24.2 72.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

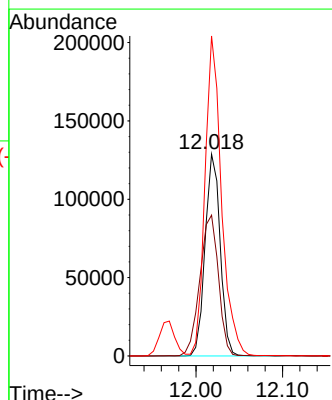
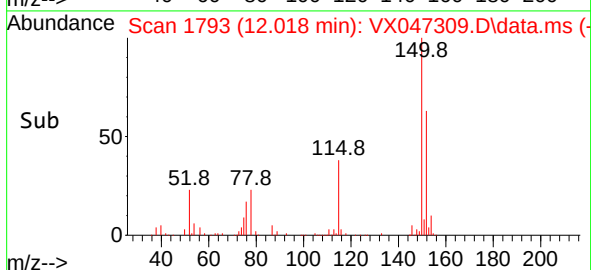
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

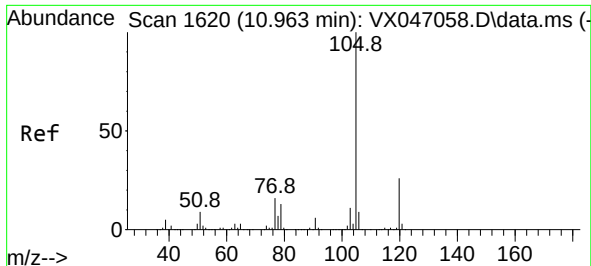


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44



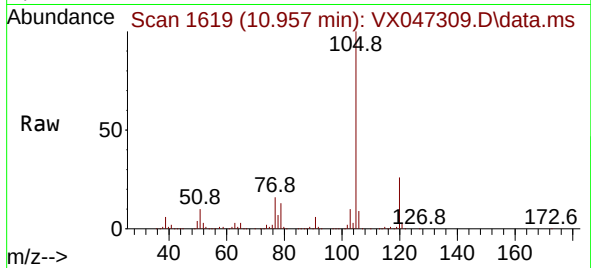
Tgt Ion:152 Resp: 156059
Ion Ratio Lower Upper
152 100
115 85.9 45.6 136.7
150 173.3 0.0 354.6





#73
Isopropylbenzene
Concen: 48.889 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

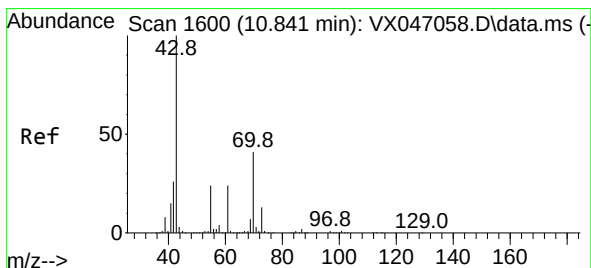
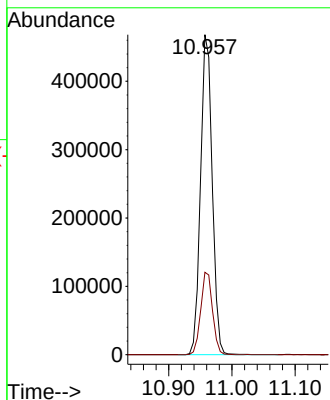
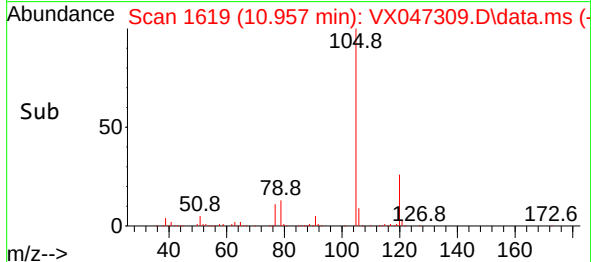
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 601920
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.7

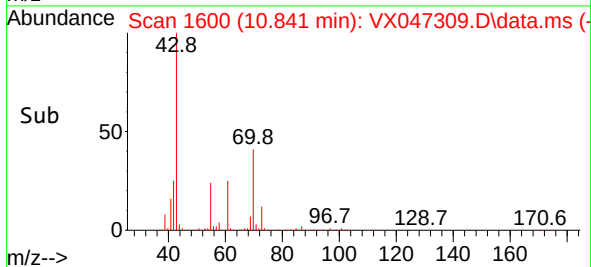
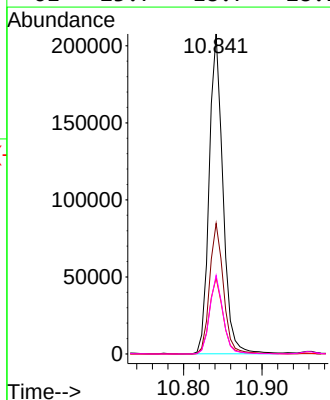
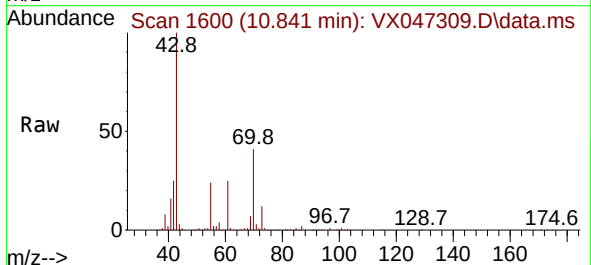
Manual Integrations
APPROVED

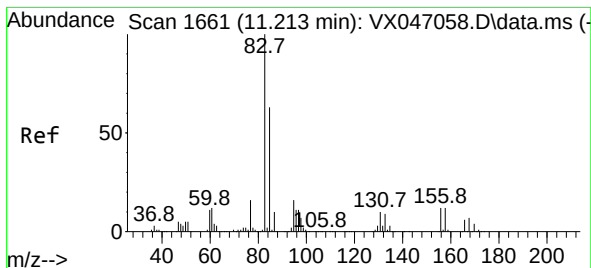
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#74
N-ethyl acetate
Concen: 51.043 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

Tgt Ion: 43 Resp: 253569
Ion Ratio Lower Upper
43 100
70 41.0 32.3 48.5
55 23.9 18.9 28.3
61 23.7 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 52.547 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. -0.006 min

Lab File: VX047309.D

Acq: 13 Aug 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 18480

Ion Ratio Lower Upper

83 100

131 9.9 5.0 14.9

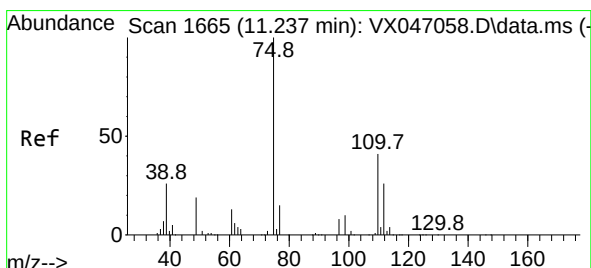
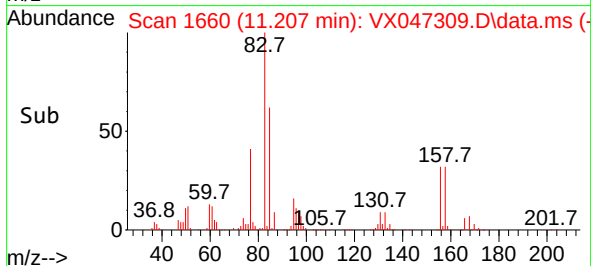
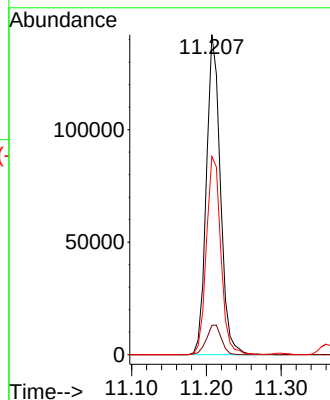
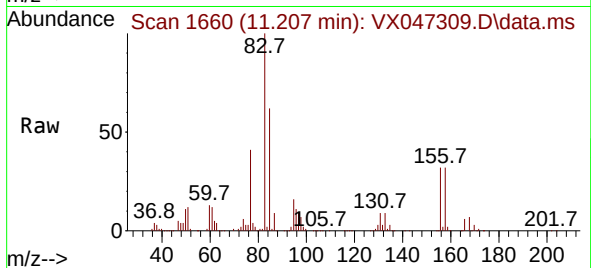
85 63.8 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#76

1,2,3-Trichloropropane

Concen: 51.525 ug/l m

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX047309.D

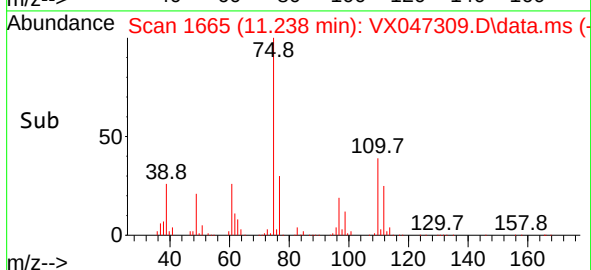
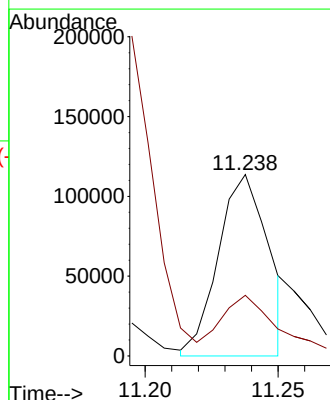
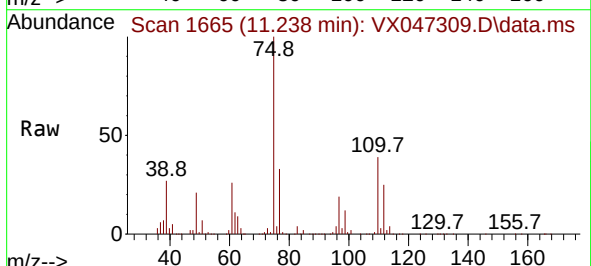
Acq: 13 Aug 2025 09:44

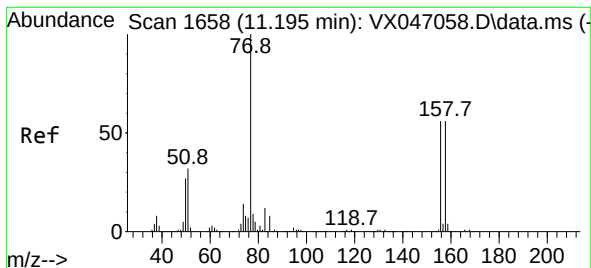
Tgt Ion: 75 Resp: 148834

Ion Ratio Lower Upper

75 100

77 38.8 21.6 65.0





#77

Bromobenzene

Concen: 50.657 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX047309.D

Acq: 13 Aug 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

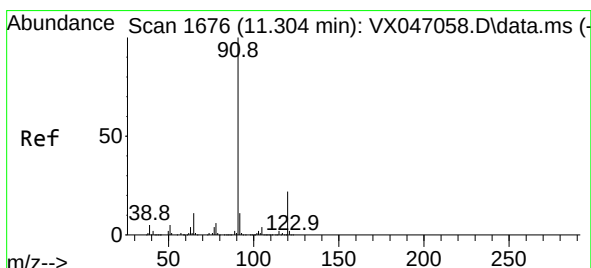
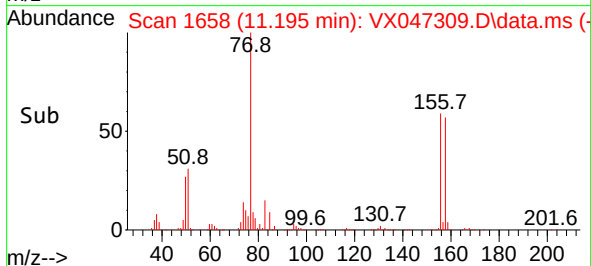
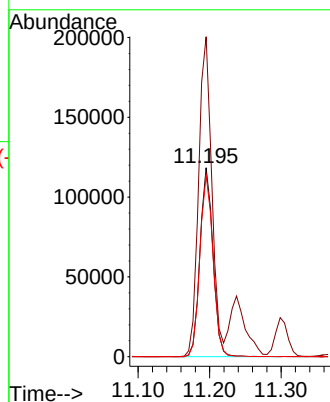
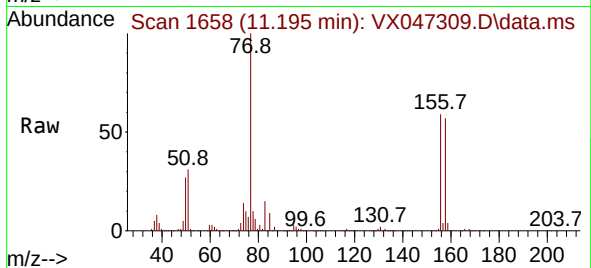
Tgt Ion:	156	Resp:	14959
Ion Ratio	Lower	Upper	
156	100		
77	171.6	87.3	261.9
158	96.9	48.9	146.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#78

n-propylbenzene

Concen: 48.787 ug/l

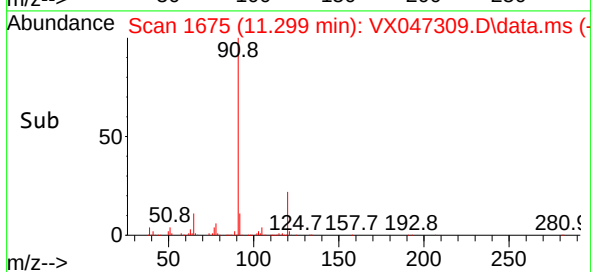
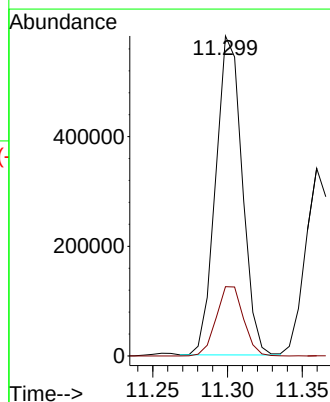
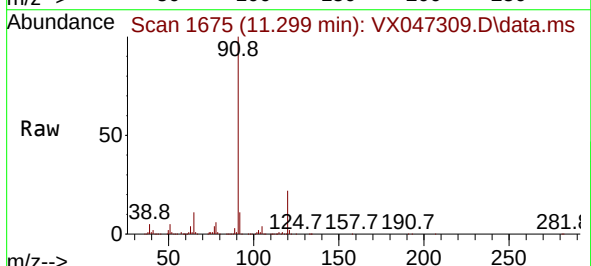
RT: 11.299 min Scan# 1675

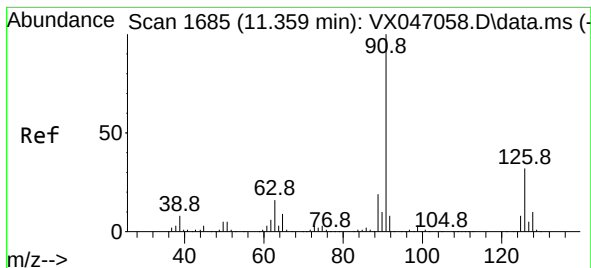
Delta R.T. -0.006 min

Lab File: VX047309.D

Acq: 13 Aug 2025 09:44

Tgt Ion:	91	Resp:	717788
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.0	33.0





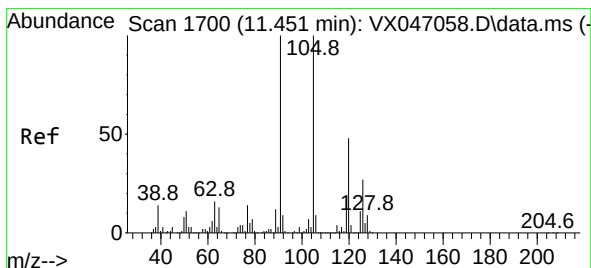
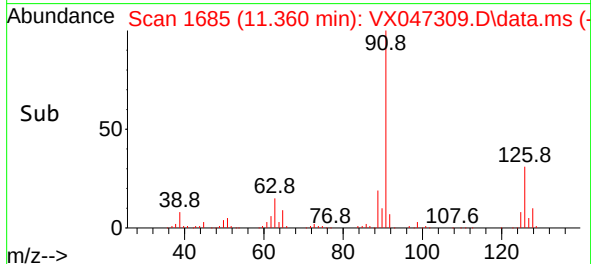
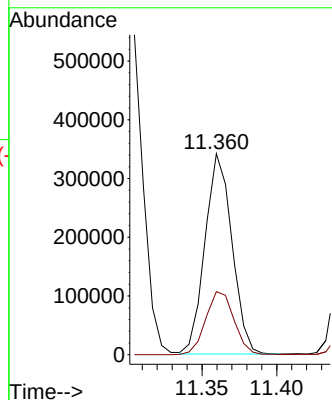
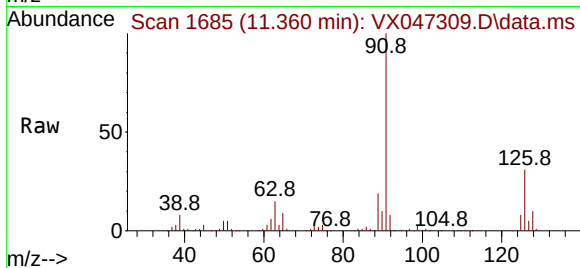
#79
2-Chlorotoluene
Concen: 48.791 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 429105
Ion Ratio Lower Upper
91 100
126 33.0 16.4 49.4

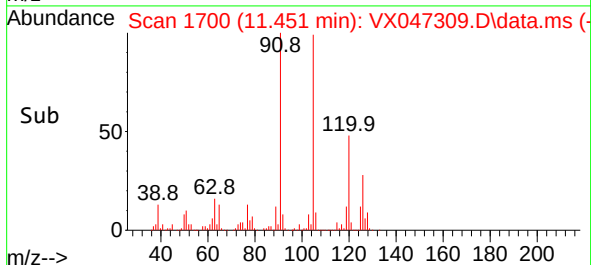
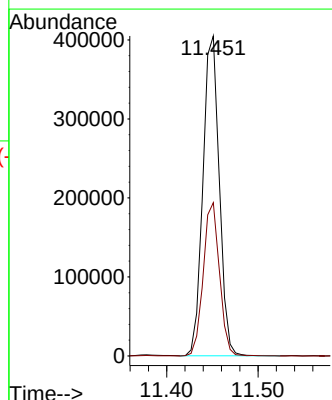
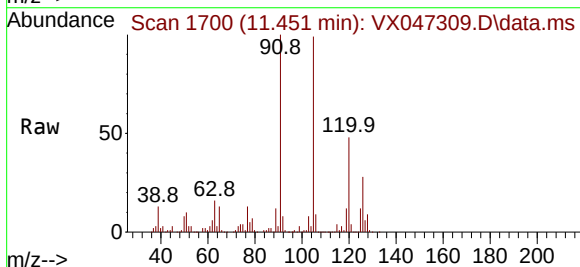
Manual Integrations
APPROVED

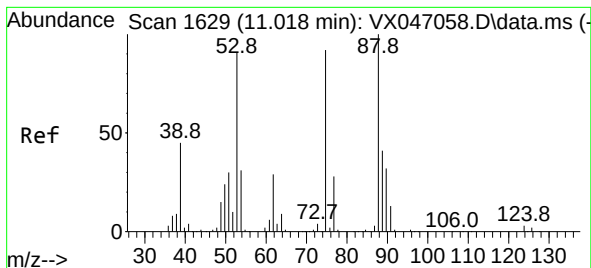
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#80
1,3,5-Trimethylbenzene
Concen: 49.416 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

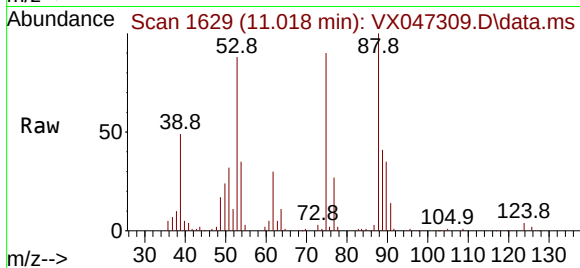
Tgt Ion:105 Resp: 502646
Ion Ratio Lower Upper
105 100
120 47.4 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 26.822 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

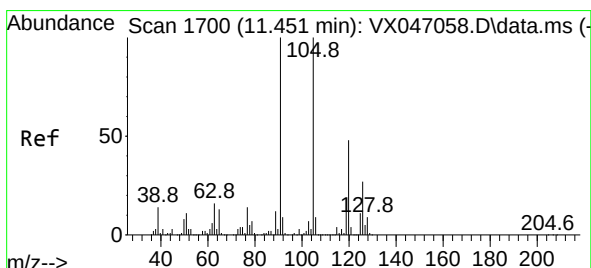
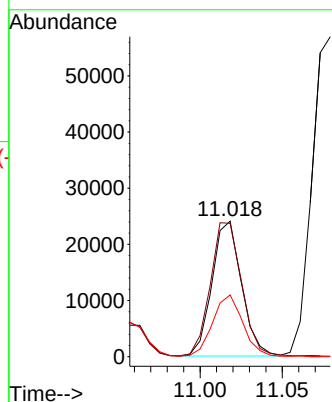
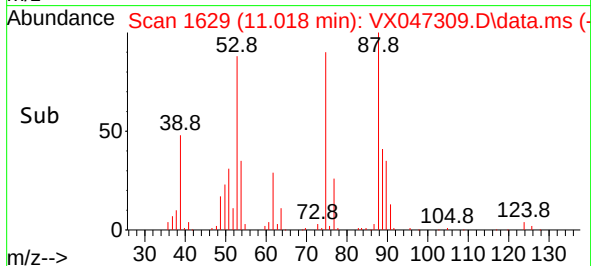
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 30072
Ion Ratio Lower Upper
75 100
53 106.8 84.2 126.4
89 47.2 36.0 54.0

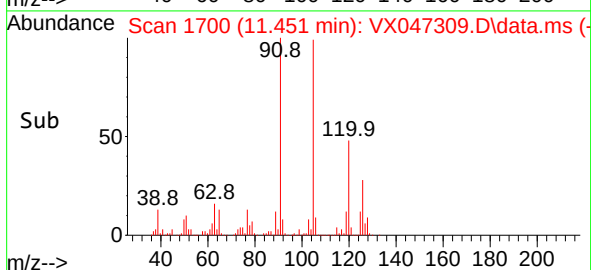
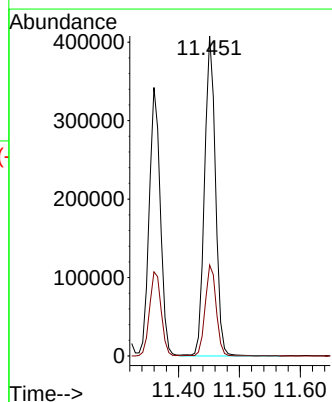
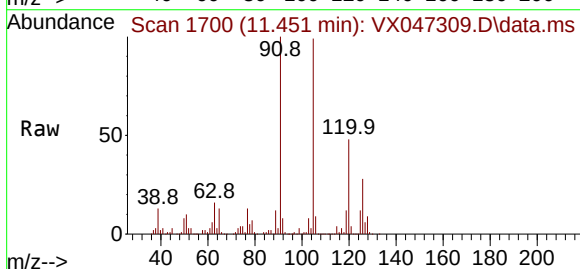
Manual Integrations
APPROVED

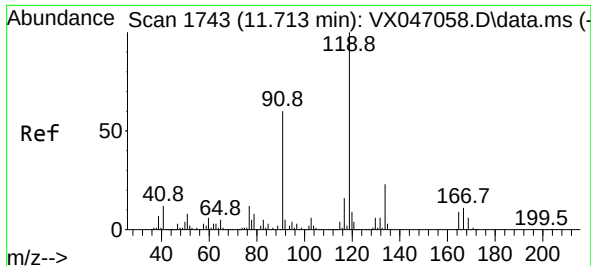
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#82
4-Chlorotoluene
Concen: 49.625 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

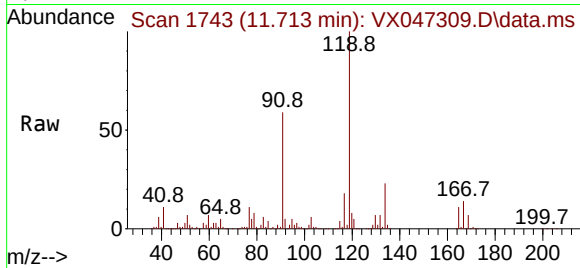
Tgt Ion: 91 Resp: 509422
Ion Ratio Lower Upper
91 100
126 28.5 14.1 42.3





#83
tert-Butylbenzene
Concen: 48.901 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

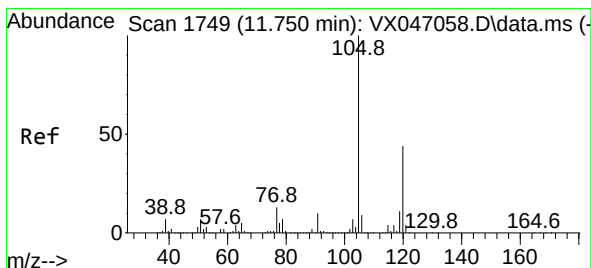
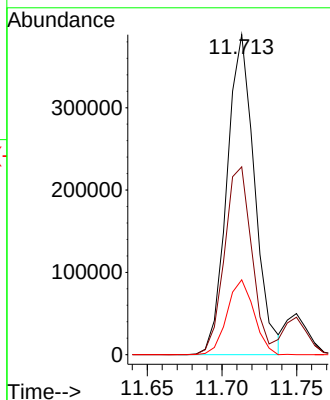
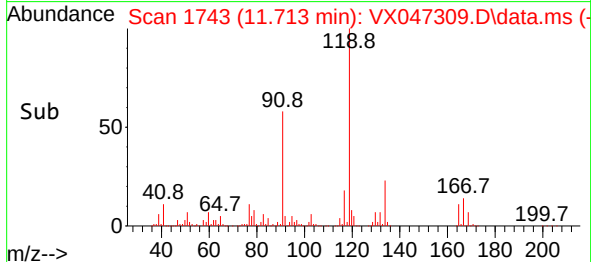
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



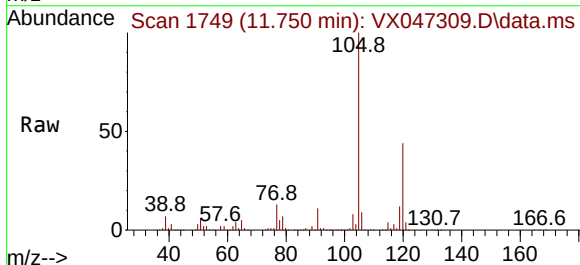
Tgt Ion:119 Resp: 499240
Ion Ratio Lower Upper
119 100
91 58.0 29.6 88.8
134 22.8 11.4 34.1

Manual Integrations
APPROVED

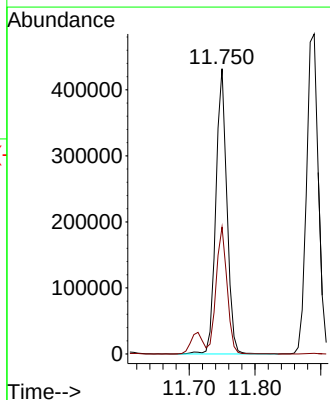
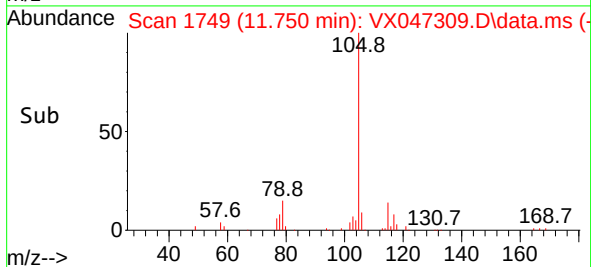
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

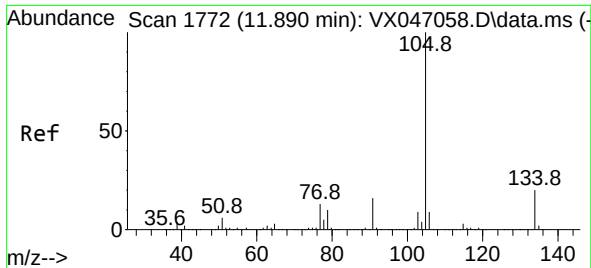


#84
1,2,4-Trimethylbenzene
Concen: 49.654 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44



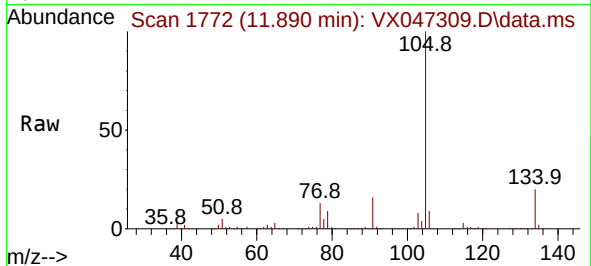
Tgt Ion:105 Resp: 503767
Ion Ratio Lower Upper
105 100
120 44.2 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 47.627 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047309.D
 Acq: 13 Aug 2025 09:44

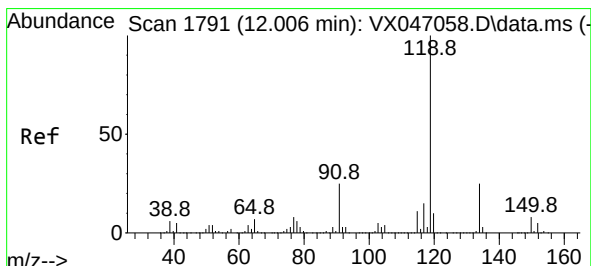
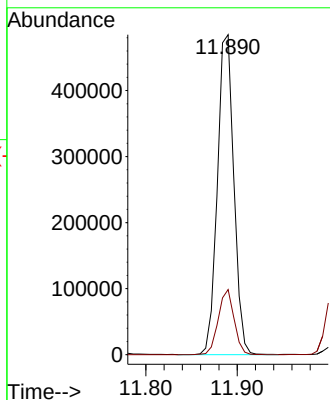
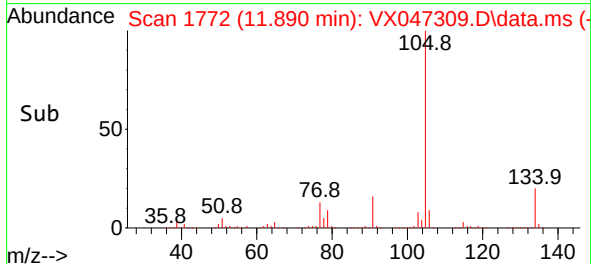
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



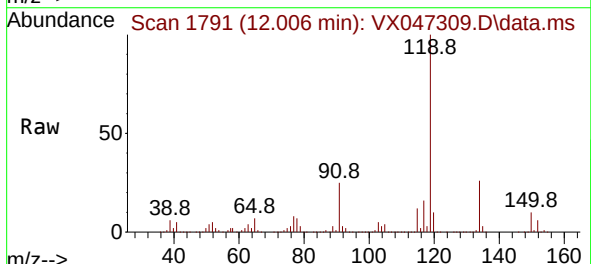
Tgt Ion:105 Resp: 607529
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.9 29.7

Manual Integrations
 APPROVED

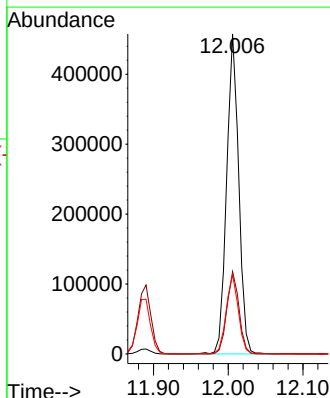
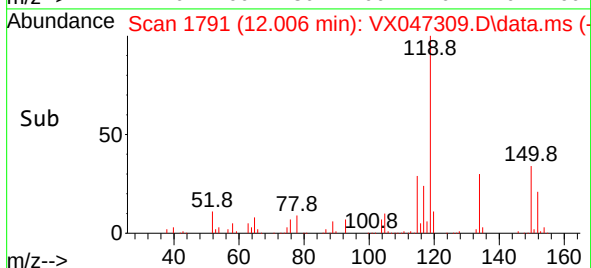
Reviewed By :John Carlone 08/14/2025
 Supervised By :Mahesh Dadoda 08/18/2025

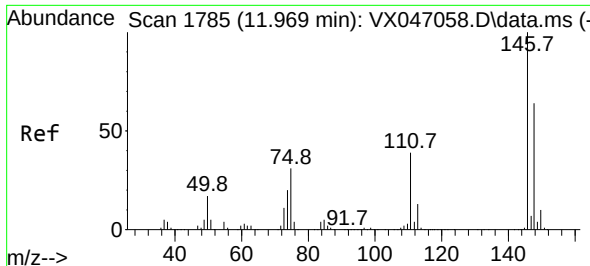


#86
 p-Isopropyltoluene
 Concen: 48.530 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047309.D
 Acq: 13 Aug 2025 09:44



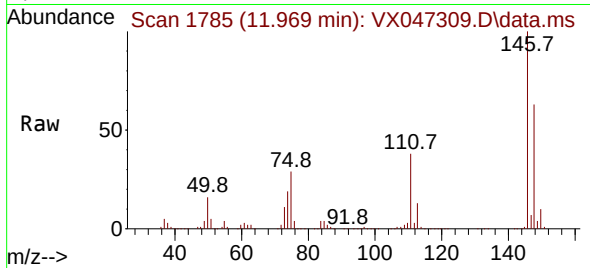
Tgt Ion:119 Resp: 513359
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.8 38.4
 91 24.8 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 50.187 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

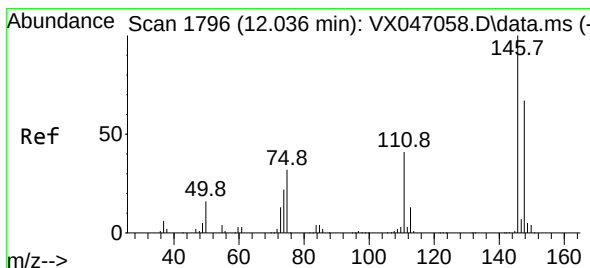
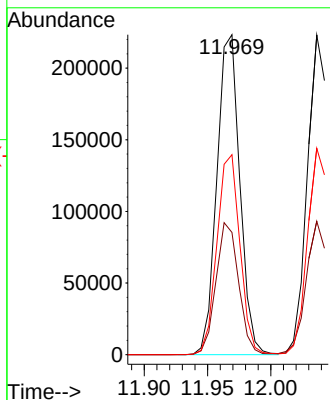
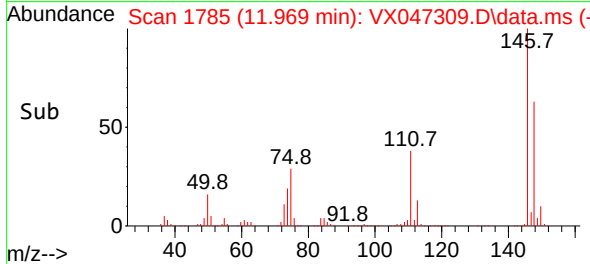
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



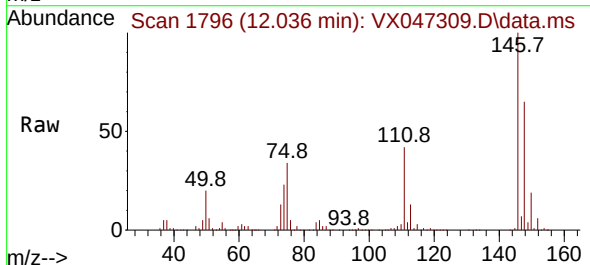
Tgt Ion:146 Resp: 281600
Ion Ratio Lower Upper
146 100
111 40.9 21.0 63.0
148 62.7 32.0 96.0

Manual Integrations
APPROVED

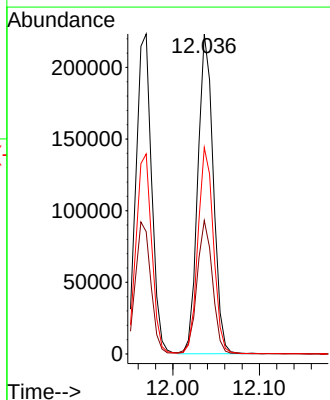
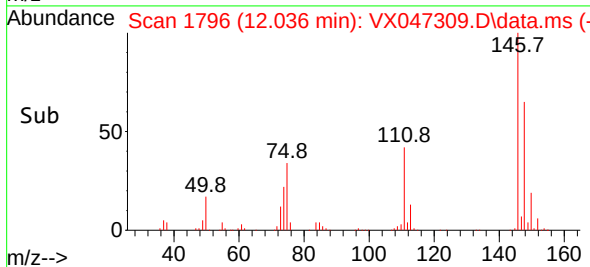
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

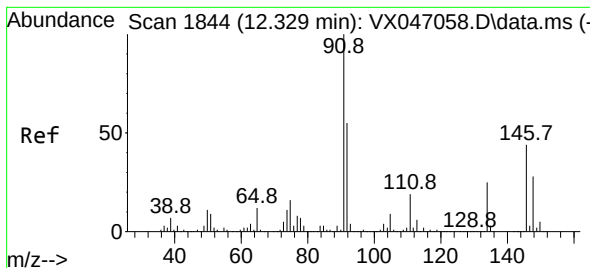


#88
1,4-Dichlorobenzene
Concen: 48.680 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44



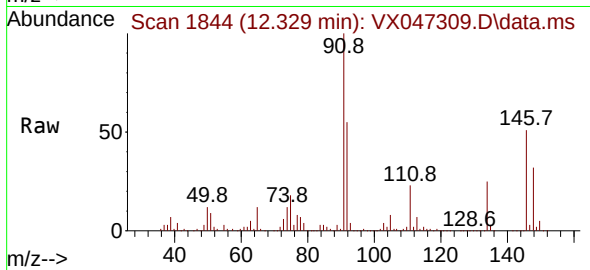
Tgt Ion:146 Resp: 276736
Ion Ratio Lower Upper
146 100
111 41.9 20.6 61.9
148 65.0 33.0 98.9





#89
n-Butylbenzene
Concen: 47.162 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

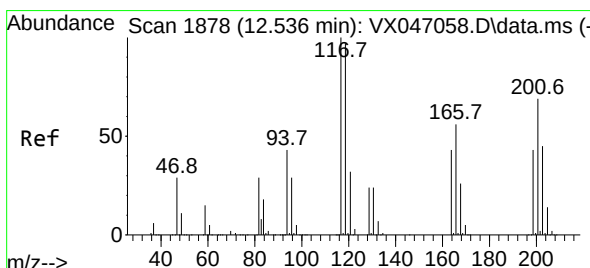
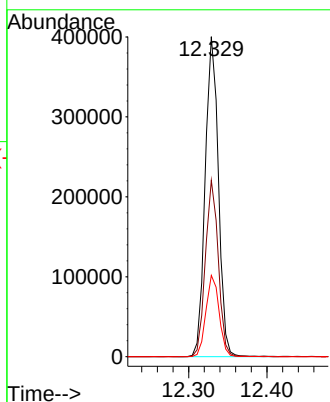
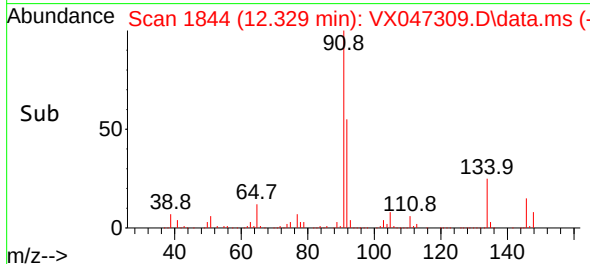
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 467854
Ion Ratio Lower Upper
91 100
92 53.9 27.5 82.5
134 25.4 12.8 38.3

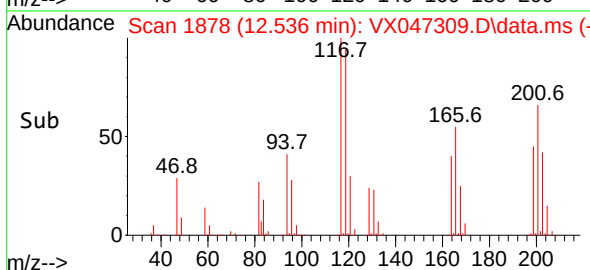
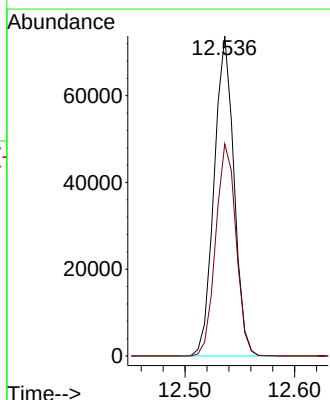
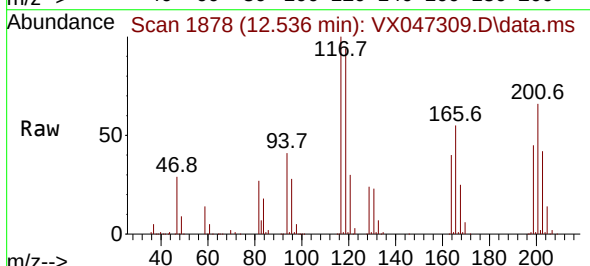
Manual Integrations
APPROVED

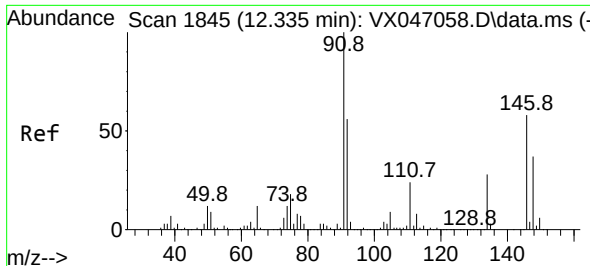
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#90
Hexachloroethane
Concen: 48.954 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

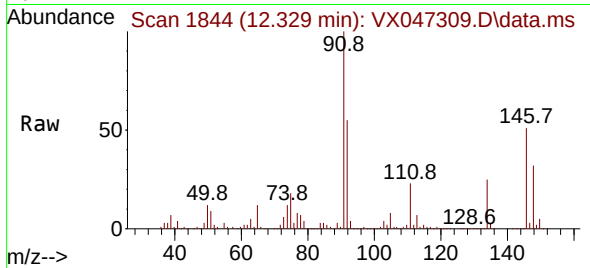
Tgt Ion:117 Resp: 92640
Ion Ratio Lower Upper
117 100
201 68.1 34.8 104.5





#91
1,2-Dichlorobenzene
Concen: 49.711 ug/l
RT: 12.329 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

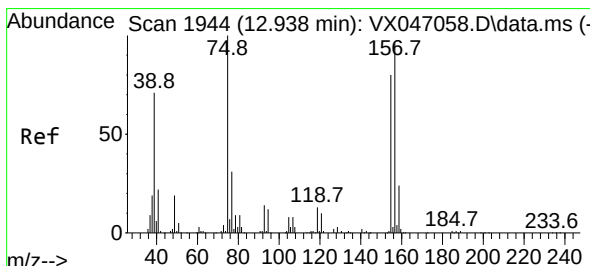
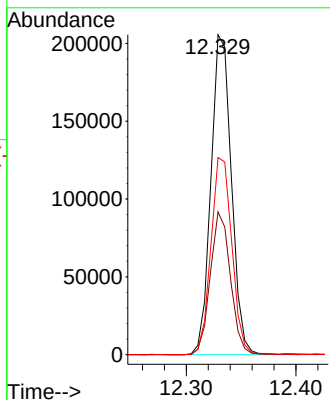
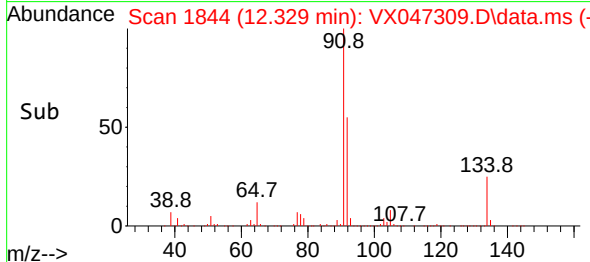
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 266592
Ion Ratio Lower Upper
146 100
111 43.9 21.6 64.6
148 63.2 31.9 95.7

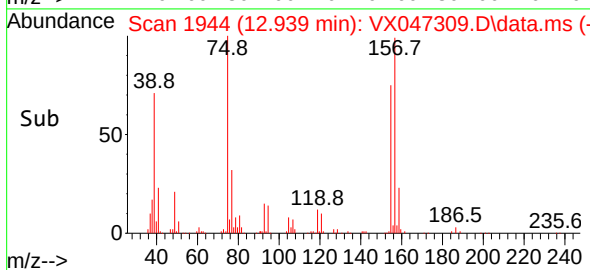
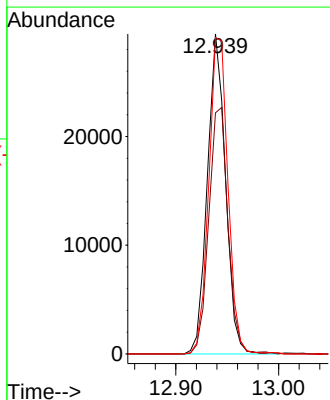
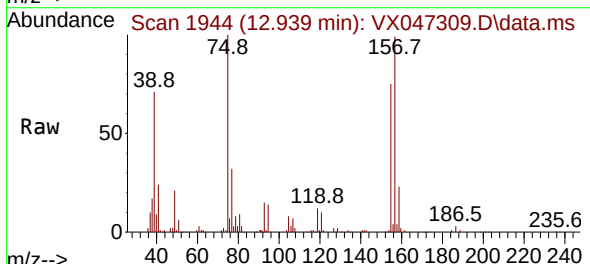
Manual Integrations
APPROVED

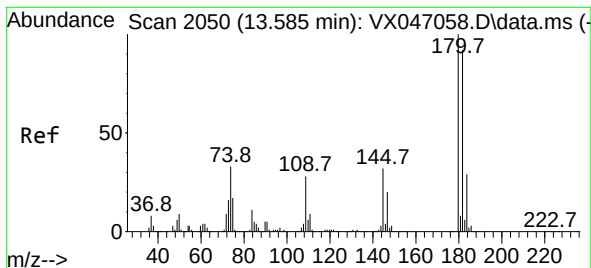
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.598 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

Tgt Ion: 75 Resp: 36183
Ion Ratio Lower Upper
75 100
155 81.4 41.3 124.1
157 104.4 52.8 158.3





#93

1,2,4-Trichlorobenzene

Concen: 49.902 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX047309.D

Acq: 13 Aug 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

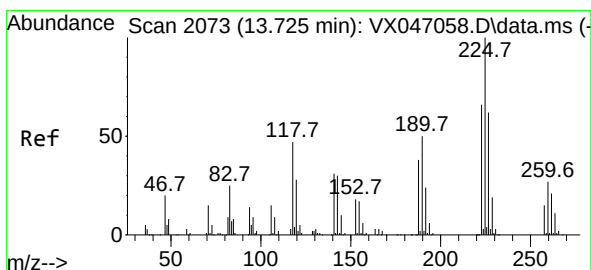
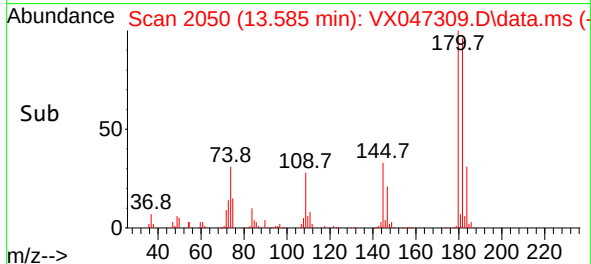
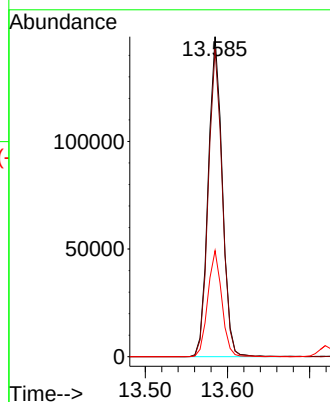
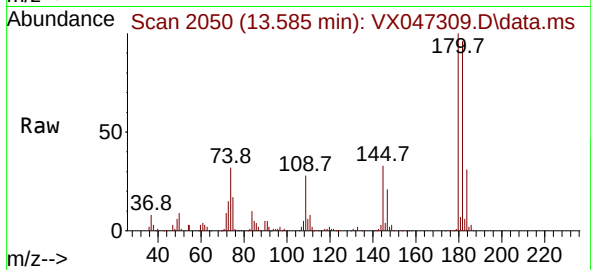
Tgt Ion:	180	Resp:	17681
Ion Ratio	Lower	Upper	
180	100		
182	95.3	47.3	141.8
145	32.9	16.4	49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#94

Hexachlorobutadiene

Concen: 46.711 ug/l

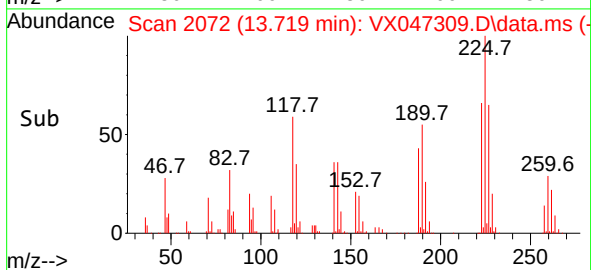
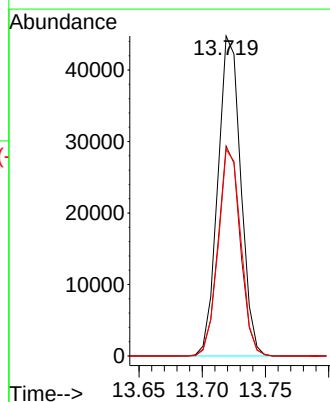
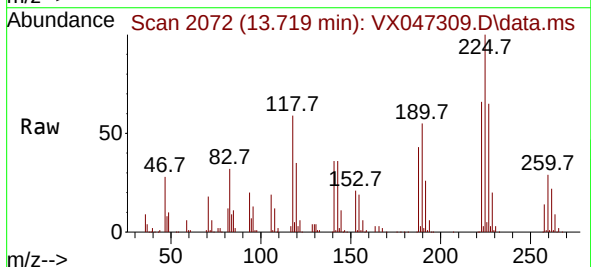
RT: 13.719 min Scan# 2072

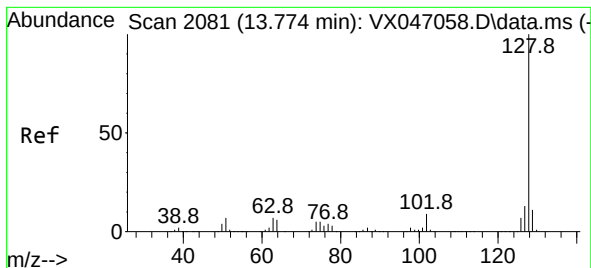
Delta R.T. -0.006 min

Lab File: VX047309.D

Acq: 13 Aug 2025 09:44

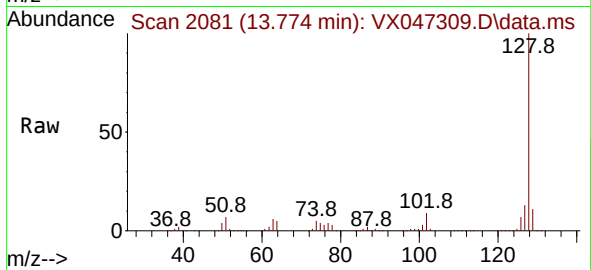
Tgt Ion:	225	Resp:	56288
Ion Ratio	Lower	Upper	
225	100		
223	63.4	31.6	95.0
227	63.8	32.9	98.6





#95
Naphthalene
Concen: 51.782 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44

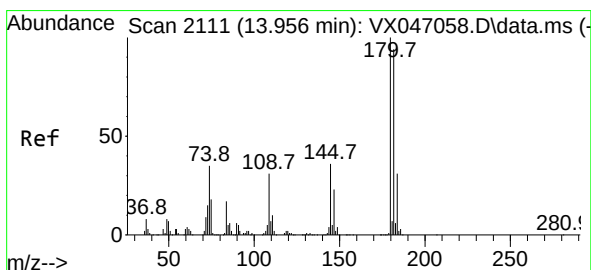
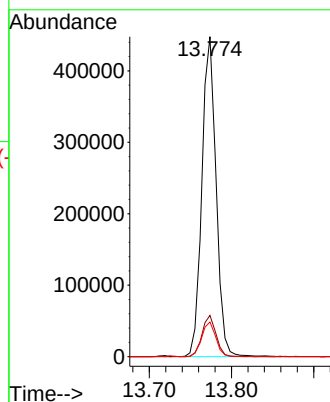
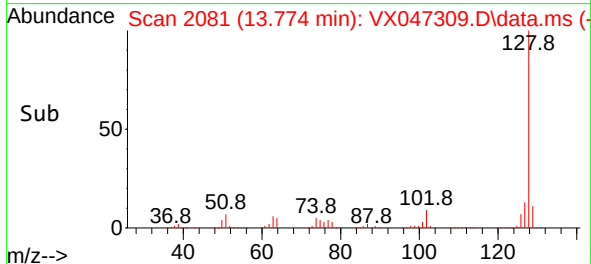
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



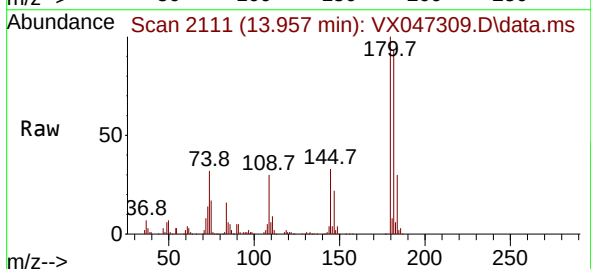
Tgt Ion:128 Resp: 537872
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#96
1,2,3-Trichlorobenzene
Concen: 49.440 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047309.D
Acq: 13 Aug 2025 09:44



Tgt Ion:180 Resp: 168763
Ion Ratio Lower Upper
180 100
182 93.7 46.9 140.6
145 34.7 17.3 52.0

