

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071625\
 Data File : VV038906.D
 Acq On : 16 Jul 2025 14:07
 Operator : SY/MD
 Sample : VV0716WBSD01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0716WBSD01

Quant Time: Jul 17 06:15:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 06:08:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.597	168	417259	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	677705	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	654096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	375744	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	243039	47.672	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	95.340%
35) Dibromofluoromethane	4.497	113	223777	48.430	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	96.860%
50) Toluene-d8	7.236	98	635487	45.500	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	91.000%
62) 4-Bromofluorobenzene	10.001	95	278662	49.528	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	99.060%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	63867	17.420	ug/l	98
3) Chloromethane	1.227	50	66631	16.830	ug/l	94
4) Vinyl Chloride	1.294	62	81675	18.024	ug/l	97
5) Bromomethane	1.494	94	63511	18.693	ug/l	97
6) Chloroethane	1.558	64	57834	19.095	ug/l	98
7) Trichlorofluoromethane	1.722	101	154933	19.324	ug/l	99
8) Diethyl Ether	1.918	74	61730	21.410	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.079	101	95659	19.954	ug/l	100
10) Methyl Iodide	2.195	142	100572	18.273	ug/l	99
11) Tert butyl alcohol	2.568	59	146456	124.778	ug/l	100
12) 1,1-Dichloroethene	2.079	96	83197	19.046	ug/l	96
13) Acrolein	2.008	56	17043	100.408	ug/l	96
14) Allyl chloride	2.355	41	148347	21.317	ug/l	97
15) Acrylonitrile	2.674	53	343932	114.507	ug/l	99
16) Acetone	2.118	43	271722	123.169	ug/l	97
17) Carbon Disulfide	2.249	76	126826	13.916	ug/l	99
18) Methyl Acetate	2.378	43	196705	26.354	ug/l	99
19) Methyl tert-butyl Ether	2.712	73	359338	21.940	ug/l	98
20) Methylene Chloride	2.452	84	108786	19.438	ug/l	97
21) trans-1,2-Dichloroethene	2.700	96	81924	17.627	ug/l	96
22) Diisopropyl ether	3.214	45	325668	23.420	ug/l	98
23) Vinyl Acetate	3.188	43	1226281	112.471	ug/l	98
24) 1,1-Dichloroethane	3.114	63	195837	21.505	ug/l	100
25) 2-Butanone	3.867	43	387735	122.622	ug/l	98
26) 2,2-Dichloropropane	3.806	77	172051	21.579	ug/l	99
27) cis-1,2-Dichloroethene	3.818	96	110170	20.643	ug/l	97
28) Bromochloromethane	4.146	49	82768	23.481	ug/l	97
29) Tetrahydrofuran	4.236	42	247730	118.871	ug/l	96
30) Chloroform	4.278	83	213067	21.222	ug/l	98
31) Cyclohexane	4.577	56	111321	18.624	ug/l	91
32) 1,1,1-Trichloroethane	4.513	97	181965	20.772	ug/l	98
36) 1,1-Dichloropropene	4.744	75	108536	20.439	ug/l	98
37) Ethyl Acetate	3.982	43	146568	23.443	ug/l	98
38) Carbon Tetrachloride	4.732	117	141700	20.089	ug/l	97
39) Methylcyclohexane	6.043	83	113787	18.160	ug/l	98
40) Benzene	5.008	78	375453	20.857	ug/l	100

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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	4.162	41	66054	23.020	ug/l	98
42) 1,2-Dichloroethane	5.040	62	144064	20.996	ug/l	100
43) Isopropyl Acetate	5.195	43	215873	21.832	ug/l	99
44) Trichloroethene	5.831	130	92555	19.676	ug/l	97
45) 1,2-Dichloropropane	6.092	63	104759	22.030	ug/l	94
46) Dibromomethane	6.227	93	76608	20.822	ug/l	99
47) Bromodichloromethane	6.426	83	173273	22.191	ug/l	98
48) Methyl methacrylate	6.301	41	93845	21.869	ug/l	98
49) 1,4-Dioxane	6.291	88	44112	477.097	ug/l	97
51) 4-Methyl-2-Pentanone	7.149	43	837017	124.317	ug/l	99
52) Toluene	7.310	92	244424	21.554	ug/l	100
53) t-1,3-Dichloropropene	7.577	75	152311	21.557	ug/l	99
54) cis-1,3-Dichloropropene	6.950	75	167962	21.991	ug/l	95
55) 1,1,2-Trichloroethane	7.760	97	116681	21.526	ug/l	95
56) Ethyl methacrylate	7.719	69	148794	23.100	ug/l	99
57) 1,3-Dichloropropane	7.937	76	182522	22.457	ug/l	97
58) 2-Chloroethyl Vinyl ether	6.812	63	478084	122.988	ug/l	98
59) 2-Hexanone	8.066	43	596819	119.077	ug/l	100
60) Dibromochloromethane	8.166	129	140954	22.082	ug/l	97
61) 1,2-Dibromoethane	8.275	107	117808	21.573	ug/l	97
64) Tetrachloroethene	7.899	164	82248	19.173	ug/l	96
65) Chlorobenzene	8.805	112	293871	20.562	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.899	131	118296	20.755	ug/l	99
67) Ethyl Benzene	8.937	91	443449	20.896	ug/l	99
68) m/p-Xylenes	9.063	106	347818	42.096	ug/l	97
69) o-Xylene	9.468	106	164413	21.083	ug/l	99
70) Styrene	9.487	104	307354	22.299	ug/l	98
71) Bromoform	9.654	173	99170	21.406	ug/l #	96
73) Isopropylbenzene	9.857	105	485110	21.607	ug/l	100
74) N-amyl acetate	9.725	43	183607	22.325	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	210461	22.380	ug/l	98
76) 1,2,3-Trichloropropane	10.198	75	146404	20.957	ug/l	78
77) Bromobenzene	10.143	156	122382	20.780	ug/l	98
78) n-propylbenzene	10.278	91	561298	21.391	ug/l	100
79) 2-Chlorotoluene	10.349	91	355096	21.279	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	416586	22.003	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.931	75	62728	21.912	ug/l	99
82) 4-Chlorotoluene	10.464	91	412654	22.122	ug/l	99
83) tert-Butylbenzene	10.789	119	416553	20.985	ug/l	99
84) 1,2,4-Trimethylbenzene	10.841	105	404358	21.705	ug/l	100
85) sec-Butylbenzene	11.014	105	545683	21.539	ug/l	99
86) p-Isopropyltoluene	11.169	119	462023	21.480	ug/l	99
87) 1,3-Dichlorobenzene	11.108	146	251489	20.921	ug/l	98
88) 1,4-Dichlorobenzene	11.198	146	263405	20.143	ug/l	98
89) n-Butylbenzene	11.580	91	427067	21.749	ug/l	98
90) Hexachloroethane	11.821	117	102365	20.009	ug/l	97
91) 1,2-Dichlorobenzene	11.567	146	240091	20.574	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	45669	21.480	ug/l	99
93) 1,2,4-Trichlorobenzene	13.188	180	148167	21.510	ug/l	99
94) Hexachlorobutadiene	13.371	225	70841	19.970	ug/l	96
95) Naphthalene	13.426	128	490443	21.670	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	156550	21.926	ug/l	99

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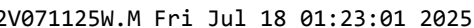
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MSVOA_V
ClientSampleId :
VV0716WBSD01

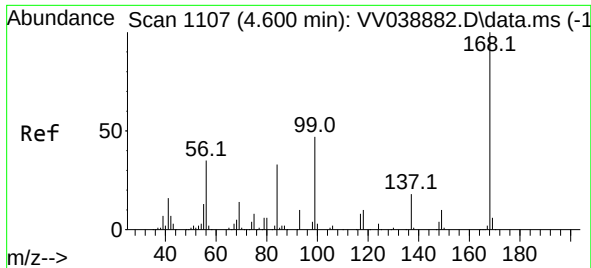
Quant Time: Jul 17 06:15:56 2025
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Quant Title : SW846 8260
QLast Update : Thu Jul 17 06:08:37 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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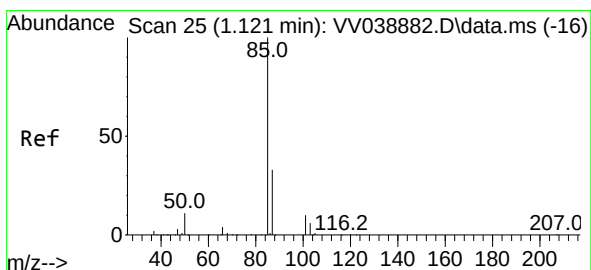
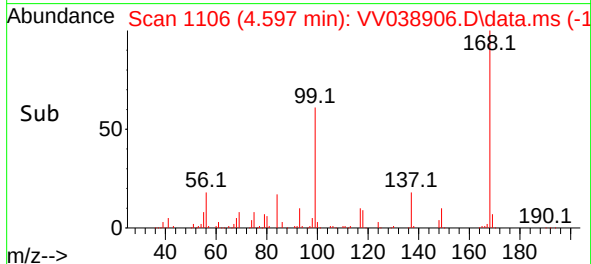
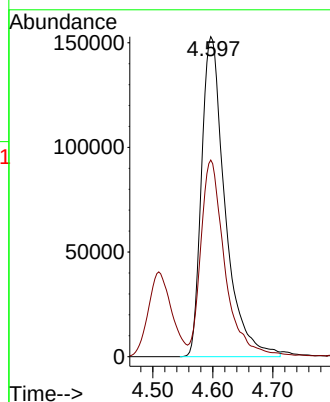
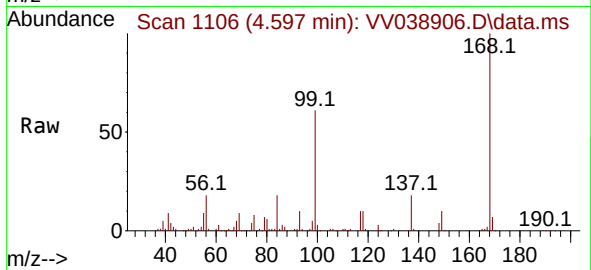




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.597 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV038906.D
Acq: 16 Jul 2025 14:07

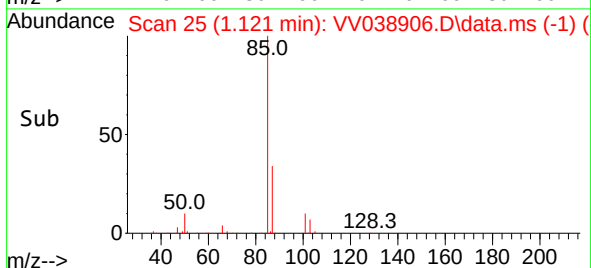
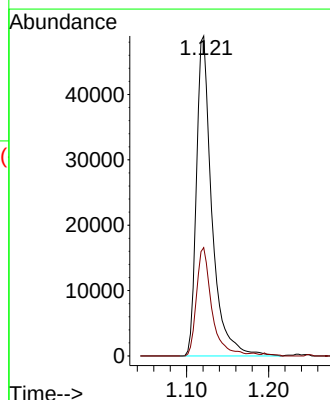
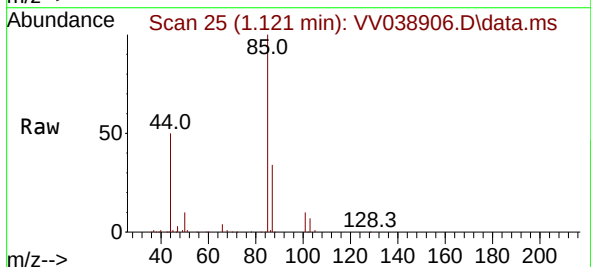
Instrument :
MSVOA_V
ClientSampleId :
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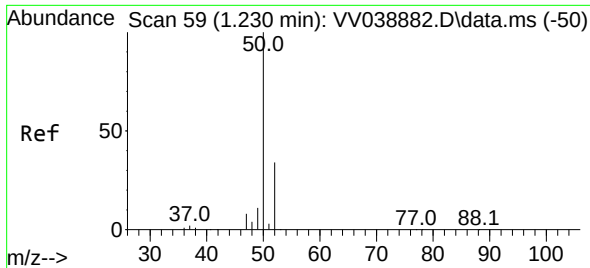
Tgt Ion:168 Resp: 417259
Ion Ratio Lower Upper
168 100
99 60.4 48.6 73.0



#2
Dichlorodifluoromethane
Concen: 17.420 ug/l
RT: 1.121 min Scan# 25
Delta R.T. 0.000 min
Lab File: VV038906.D
Acq: 16 Jul 2025 14:07

Tgt Ion: 85 Resp: 63867
Ion Ratio Lower Upper
85 100
87 33.8 16.3 48.8

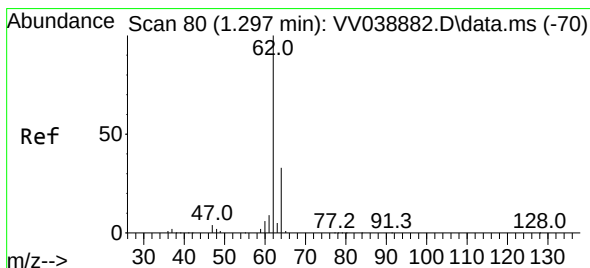
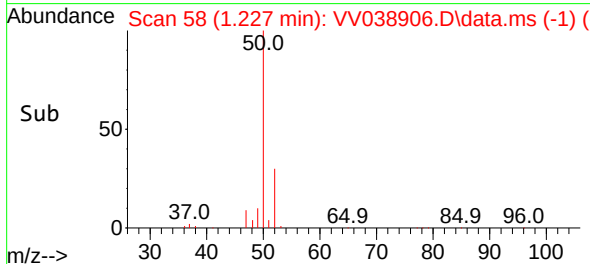
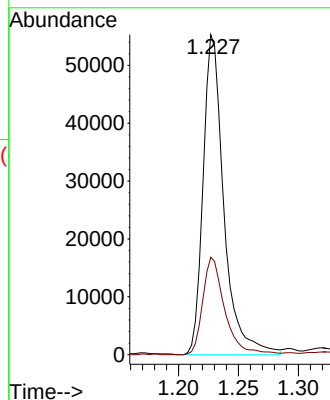
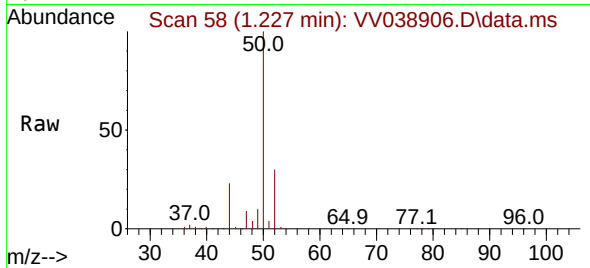




#3
Chloromethane
Concen: 16.830 ug/l
RT: 1.227 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV038906.D
Acq: 16 Jul 2025 14:07

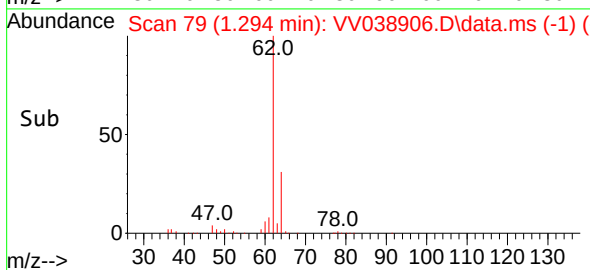
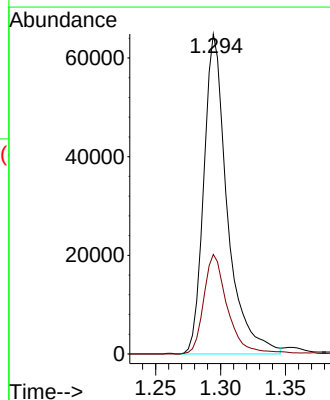
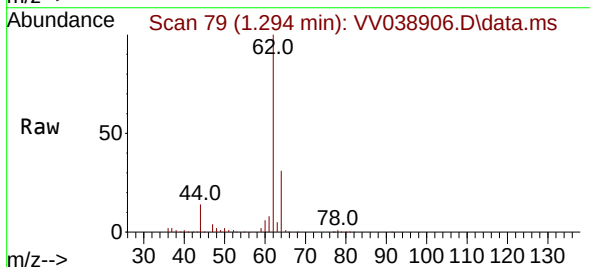
Instrument :
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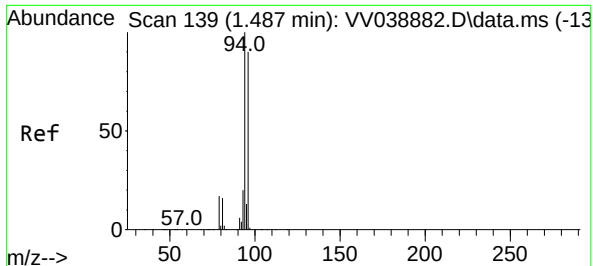
Tgt Ion: 50 Resp: 66631
Ion Ratio Lower Upper
50 100
52 30.4 26.9 40.3



#4
Vinyl Chloride
Concen: 18.024 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.003 min
Lab File: VV038906.D
Acq: 16 Jul 2025 14:07

Tgt Ion: 62 Resp: 81675
Ion Ratio Lower Upper
62 100
64 31.1 26.2 39.2

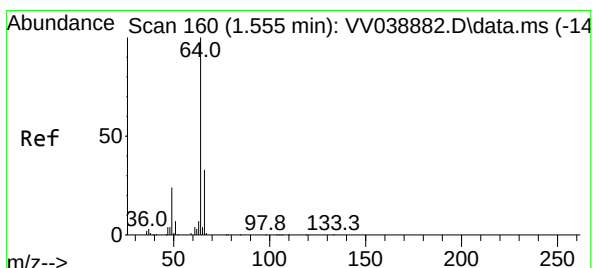
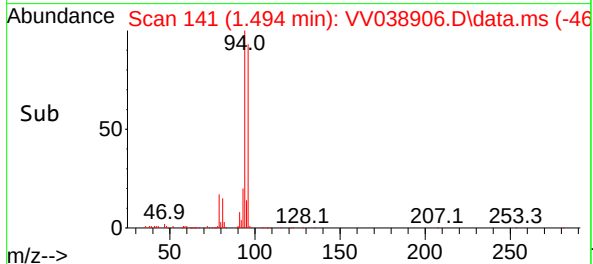
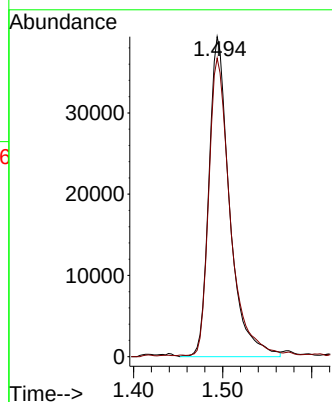
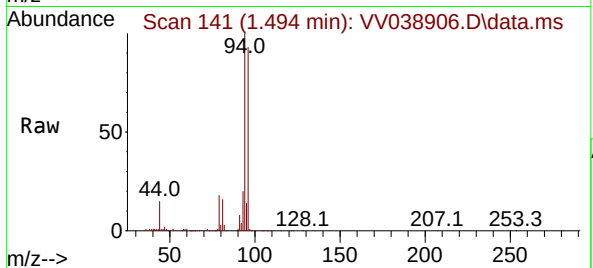




#5
Bromomethane
Concen: 18.693 ug/l
RT: 1.494 min Scan# 141
Delta R.T. 0.007 min
Lab File: VV038906.D
Acq: 16 Jul 2025 14:07

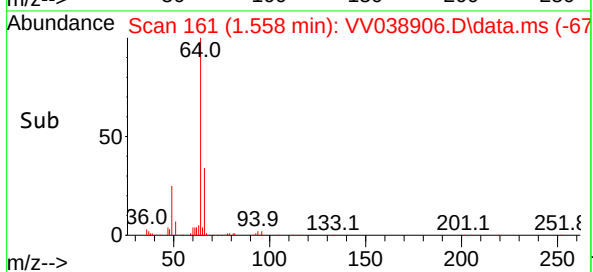
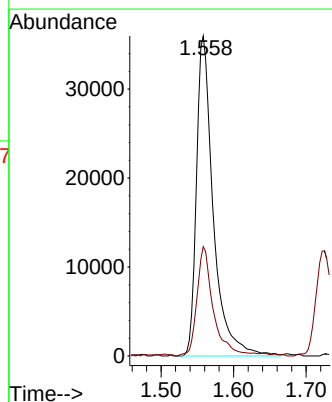
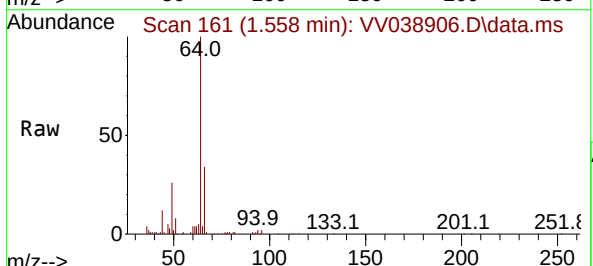
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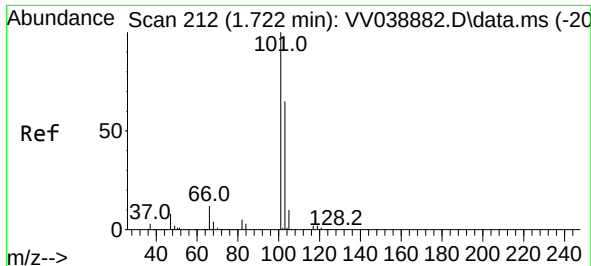
Tgt Ion: 94 Resp: 63511
Ion Ratio Lower Upper
94 100
96 92.8 71.9 107.9



#6
Chloroethane
Concen: 19.095 ug/l
RT: 1.558 min Scan# 161
Delta R.T. 0.003 min
Lab File: VV038906.D
Acq: 16 Jul 2025 14:07

Tgt Ion: 64 Resp: 57834
Ion Ratio Lower Upper
64 100
66 33.8 26.2 39.2

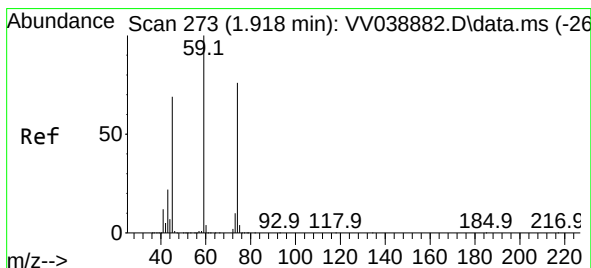
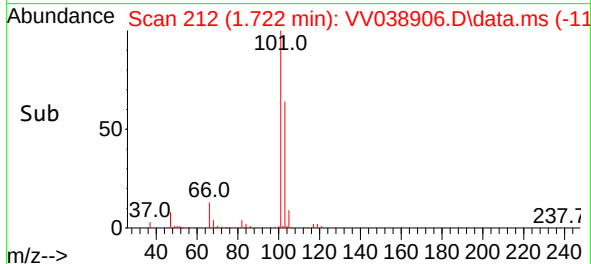
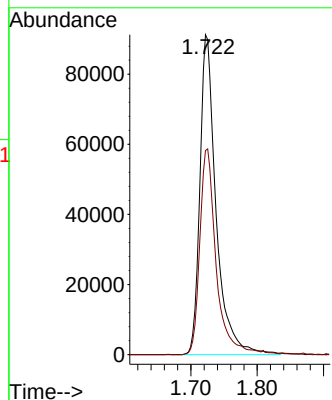
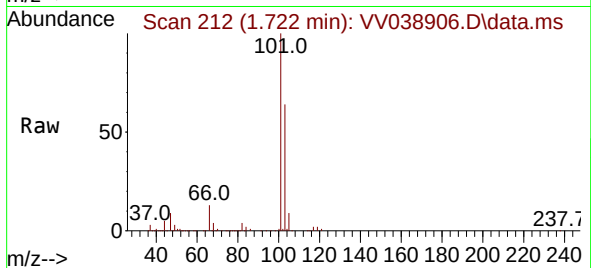




#7
Trichlorofluoromethane
Concen: 19.324 ug/l
RT: 1.722 min Scan# 212
Delta R.T. 0.000 min
Lab File: VV038906.D
Acq: 16 Jul 2025 14:07

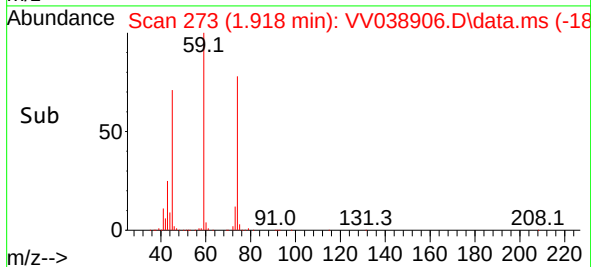
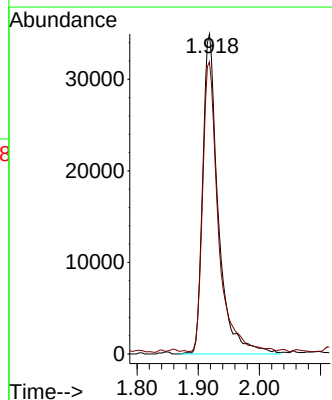
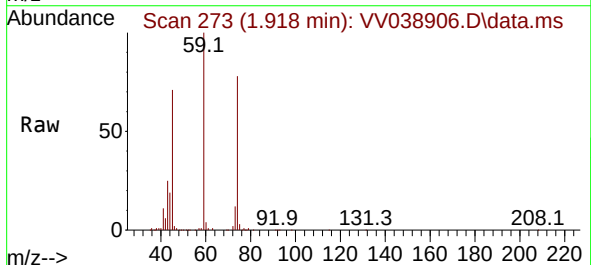
Instrument :
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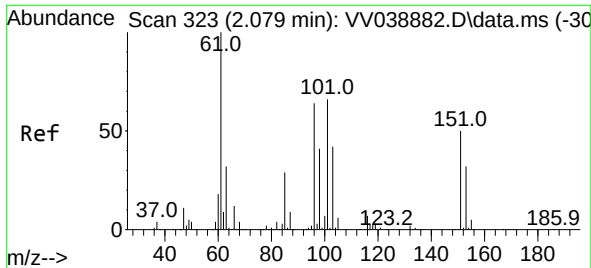
Tgt Ion:101 Resp: 154933
Ion Ratio Lower Upper
101 100
103 63.8 51.8 77.6



#8
Diethyl Ether
Concen: 21.410 ug/l
RT: 1.918 min Scan# 273
Delta R.T. 0.000 min
Lab File: VV038906.D
Acq: 16 Jul 2025 14:07

Tgt Ion: 74 Resp: 61730
Ion Ratio Lower Upper
74 100
45 90.2 45.5 136.5

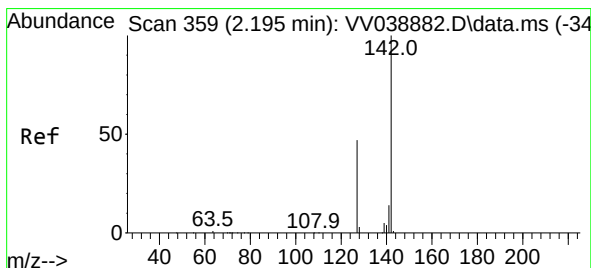
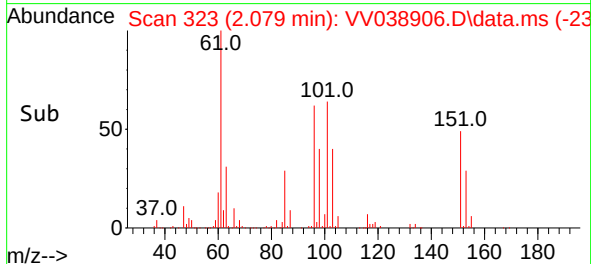
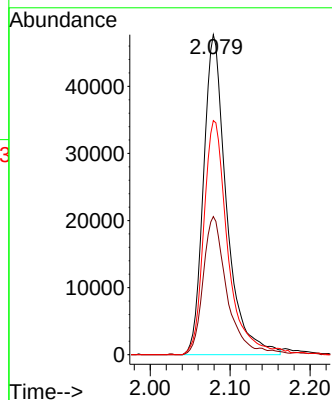
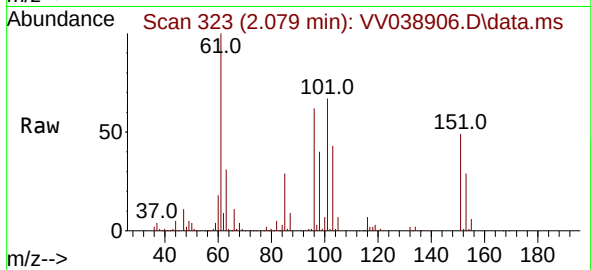




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.954 ug/l
RT: 2.079 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV038906.D
Acq: 16 Jul 2025 14:07

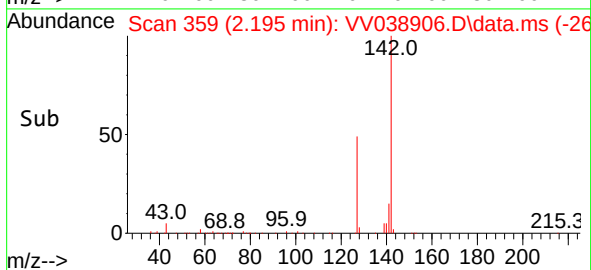
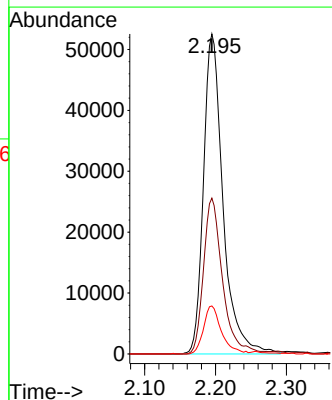
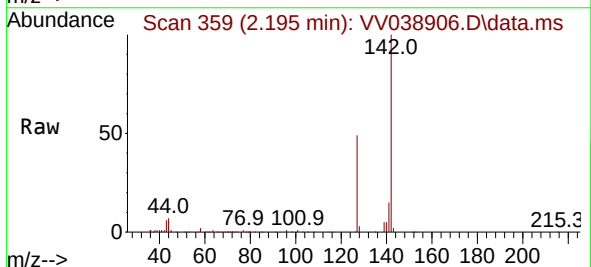
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBSD01

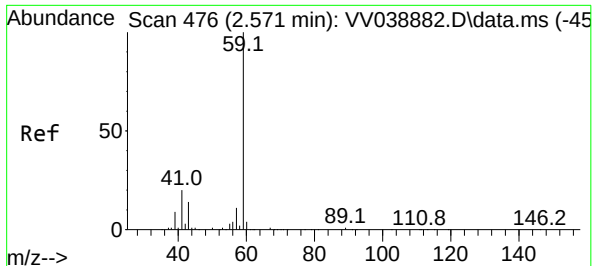
Tgt Ion:101 Resp: 95659
Ion Ratio Lower Upper
101 100
85 43.4 35.0 52.6
151 75.3 60.1 90.1



#10
Methyl Iodide
Concen: 18.273 ug/l
RT: 2.195 min Scan# 359
Delta R.T. 0.000 min
Lab File: VV038906.D
Acq: 16 Jul 2025 14:07

Tgt Ion:142 Resp: 100572
Ion Ratio Lower Upper
142 100
127 47.5 37.3 55.9
141 13.8 11.2 16.8

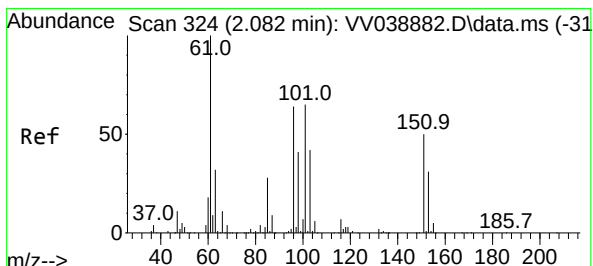
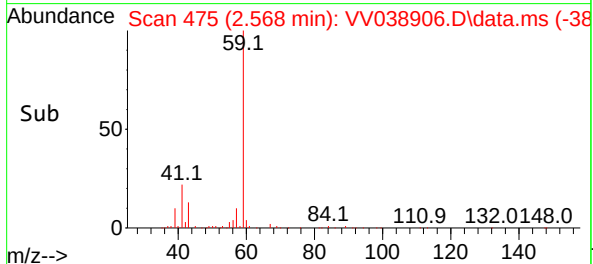
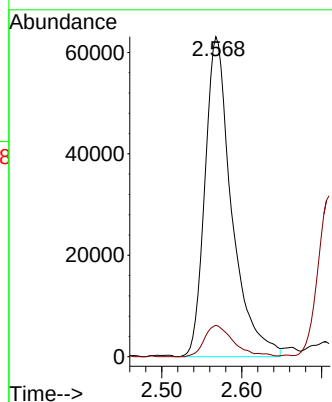
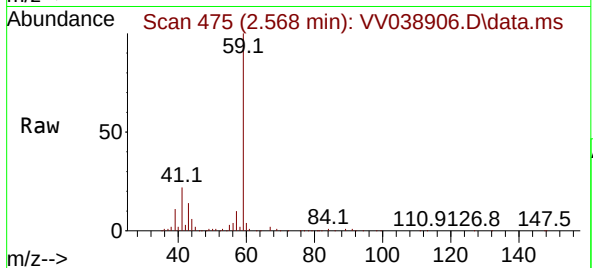




#11
Tert butyl alcohol
Concen: 124.778 ug/l
RT: 2.568 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV038906.D
Acq: 16 Jul 2025 14:07

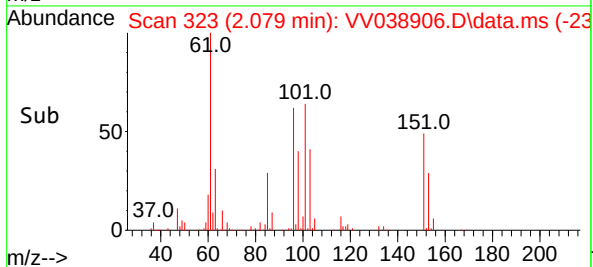
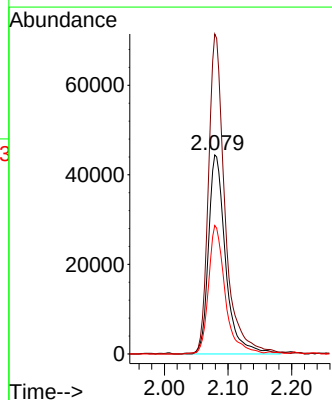
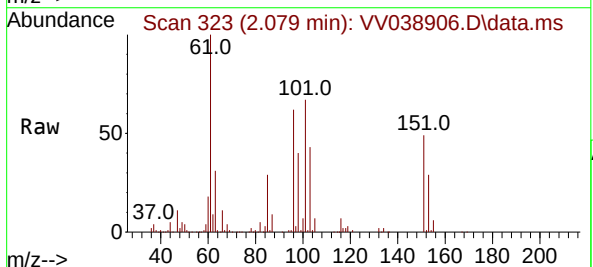
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBSD01

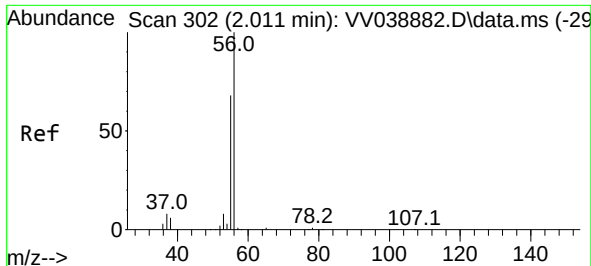
Tgt Ion: 59 Resp: 146456
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8



#12
1,1-Dichloroethene
Concen: 19.046 ug/l
RT: 2.079 min Scan# 323
Delta R.T. -0.003 min
Lab File: VV038906.D
Acq: 16 Jul 2025 14:07

Tgt Ion: 96 Resp: 83197
Ion Ratio Lower Upper
96 100
61 160.8 124.1 186.1
98 64.6 50.6 75.8

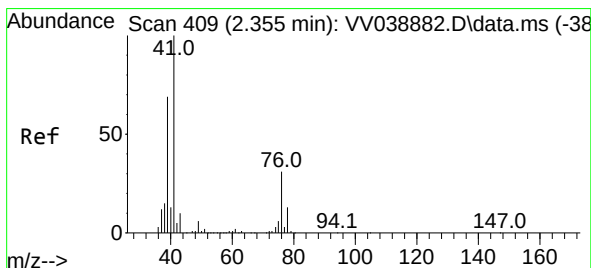
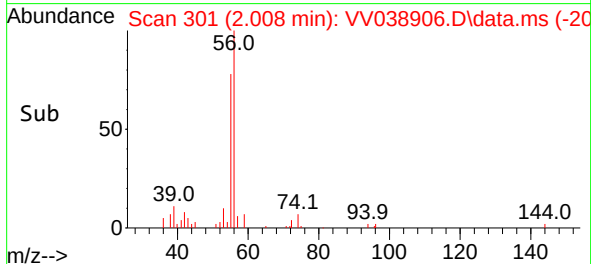
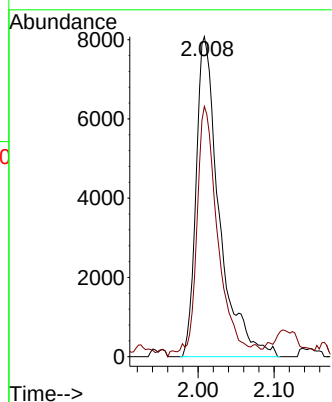
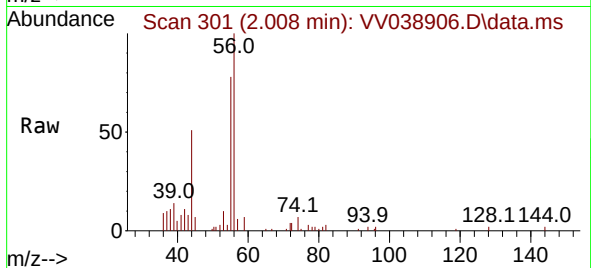




#13
Acrolein
Concen: 100.408 ug/l
RT: 2.008 min Scan# 302
Delta R.T. -0.003 min
Lab File: VV038906.D
Acq: 16 Jul 2025 14:07

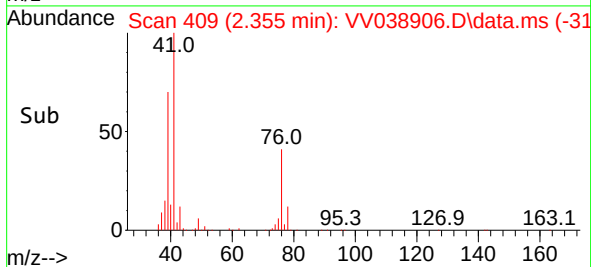
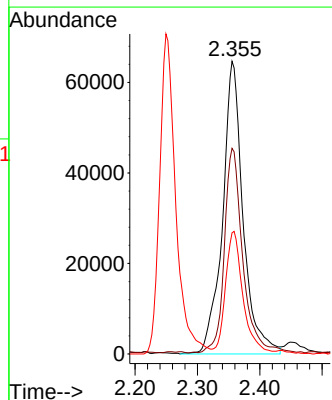
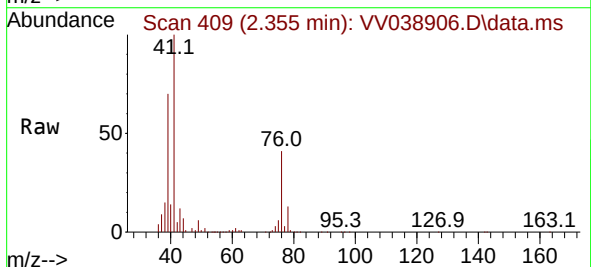
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBSD01

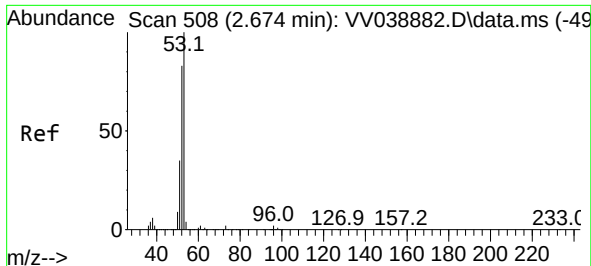
Tgt Ion: 56 Resp: 17043
Ion Ratio Lower Upper
56 100
55 67.7 56.7 85.1



#14
Allyl chloride
Concen: 21.317 ug/l
RT: 2.355 min Scan# 409
Delta R.T. 0.000 min
Lab File: VV038906.D
Acq: 16 Jul 2025 14:07

Tgt Ion: 41 Resp: 148347
Ion Ratio Lower Upper
41 100
39 62.2 50.6 76.0
76 34.0 30.4 45.6

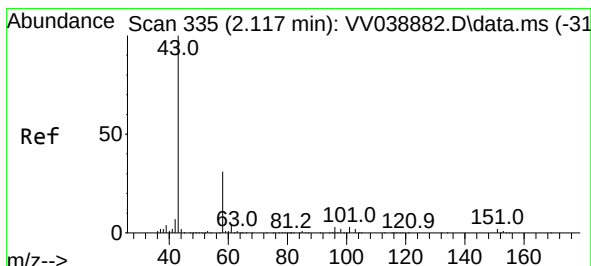
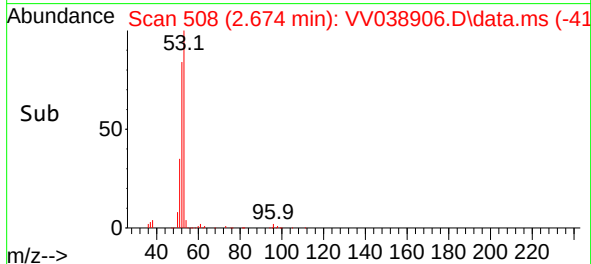
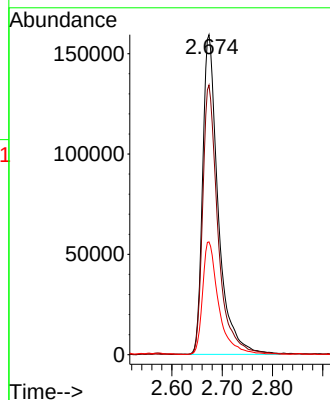
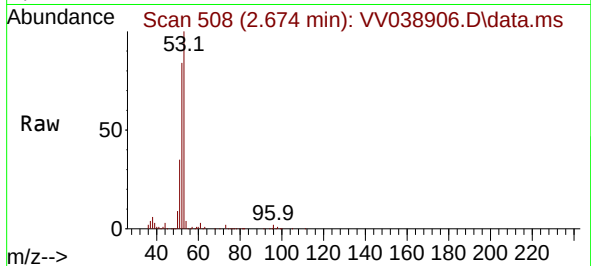




#15
Acrylonitrile
Concen: 114.507 ug/l
RT: 2.674 min Scan# 508
Delta R.T. 0.000 min
Lab File: VV038906.D
Acq: 16 Jul 2025 14:07

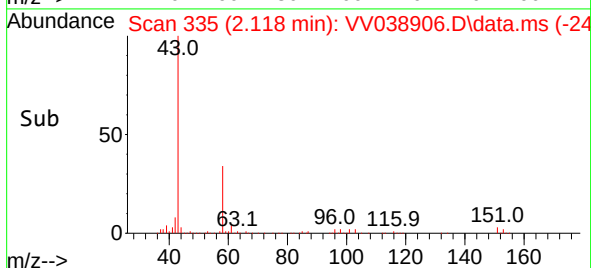
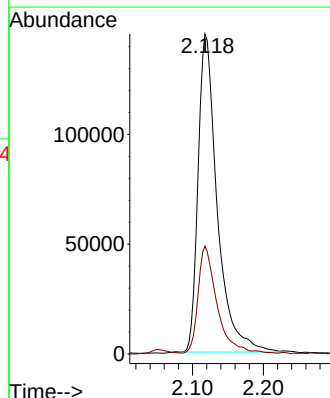
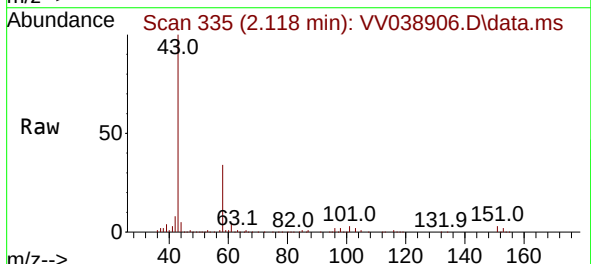
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBSD01

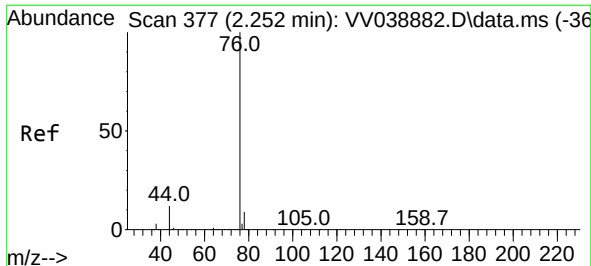
Tgt Ion: 53 Resp: 343932
Ion Ratio Lower Upper
53 100
52 82.8 66.6 99.8
51 36.3 28.7 43.1



#16
Acetone
Concen: 123.169 ug/l
RT: 2.118 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV038906.D
Acq: 16 Jul 2025 14:07

Tgt Ion: 43 Resp: 271722
Ion Ratio Lower Upper
43 100
58 33.6 25.8 38.6

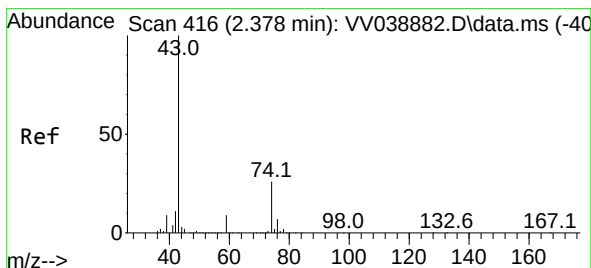
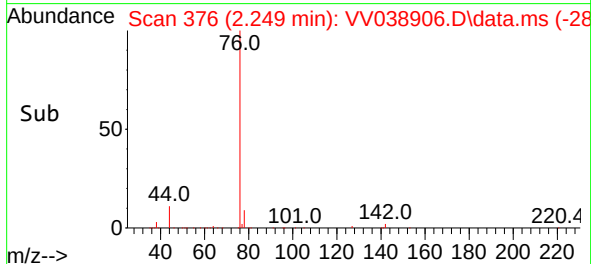
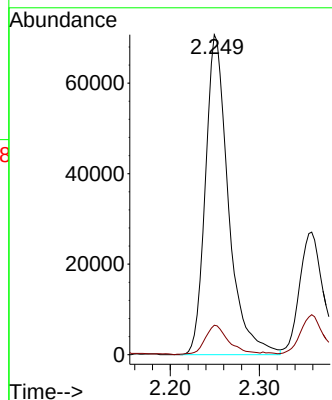
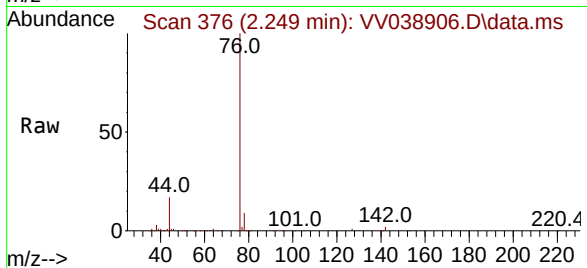




#17
Carbon Disulfide
Concen: 13.916 ug/l
RT: 2.249 min Scan# 376
Delta R.T. -0.003 min
Lab File: VV038906.D
Acq: 16 Jul 2025 14:07

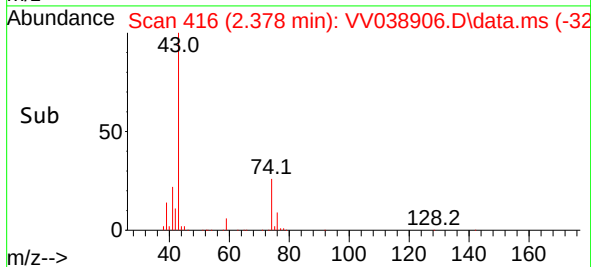
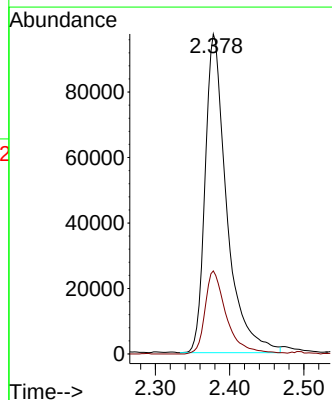
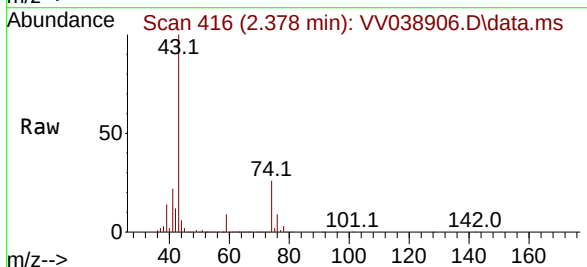
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBSD01

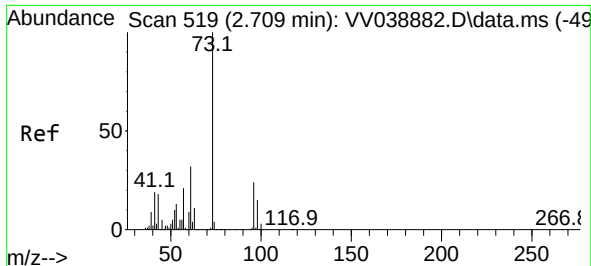
Tgt Ion: 76 Resp: 126826
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#18
Methyl Acetate
Concen: 26.354 ug/l
RT: 2.378 min Scan# 416
Delta R.T. 0.000 min
Lab File: VV038906.D
Acq: 16 Jul 2025 14:07

Tgt Ion: 43 Resp: 196705
Ion Ratio Lower Upper
43 100
74 25.9 21.1 31.7

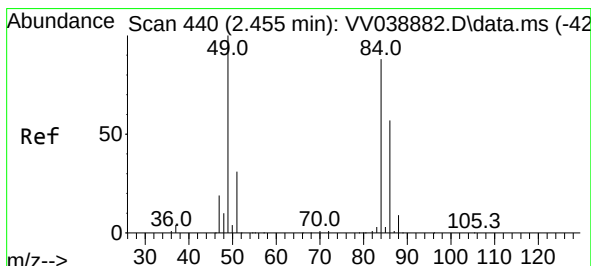
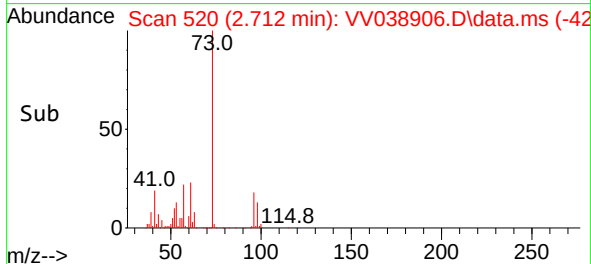
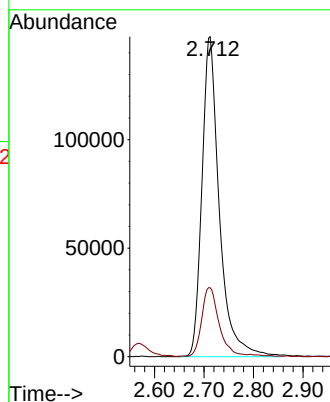
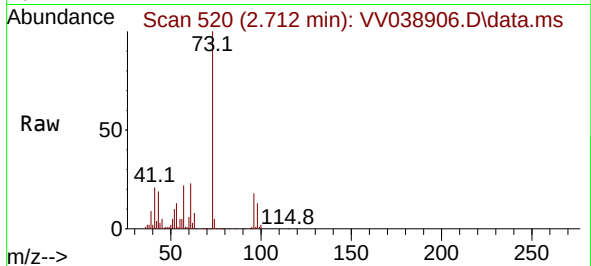




#19
Methyl tert-butyl Ether
Concen: 21.940 ug/l
RT: 2.712 min Scan# 519
Delta R.T. 0.003 min
Lab File: VV038906.D
Acq: 16 Jul 2025 14:07

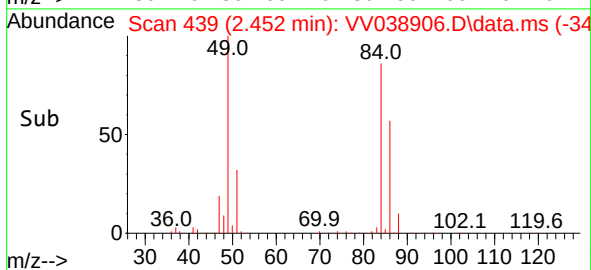
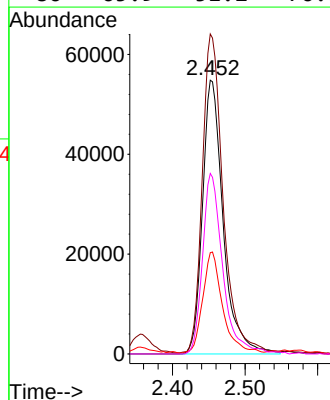
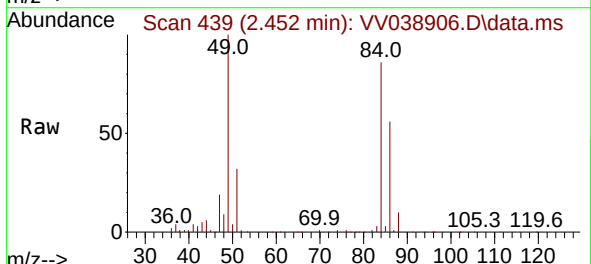
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBSD01

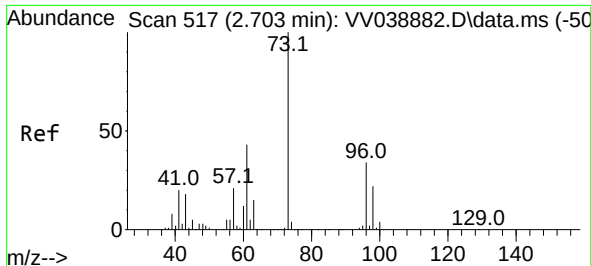
Tgt Ion: 73 Resp: 359338
Ion Ratio Lower Upper
73 100
57 21.4 16.5 24.7



#20
Methylene Chloride
Concen: 19.438 ug/l
RT: 2.452 min Scan# 439
Delta R.T. -0.003 min
Lab File: VV038906.D
Acq: 16 Jul 2025 14:07

Tgt Ion: 84 Resp: 108786
Ion Ratio Lower Upper
84 100
49 116.5 90.5 135.7
51 36.7 27.8 41.6
86 65.9 51.2 76.8

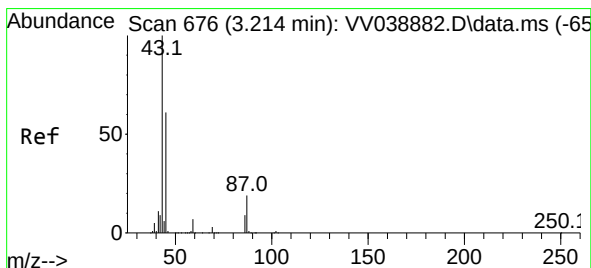
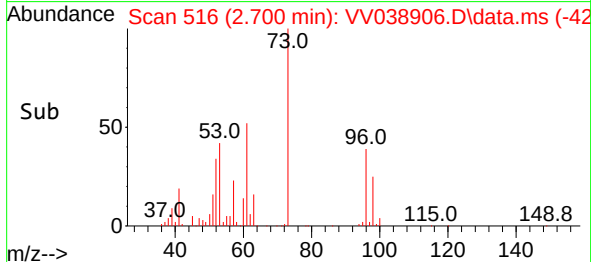
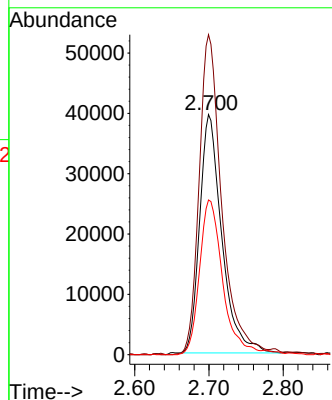
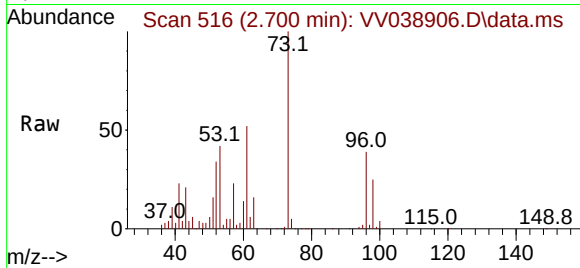




#21
trans-1,2-Dichloroethene
Concen: 17.627 ug/l
RT: 2.700 min Scan# 517
Delta R.T. -0.003 min
Lab File: VV038906.D
Acq: 16 Jul 2025 14:07

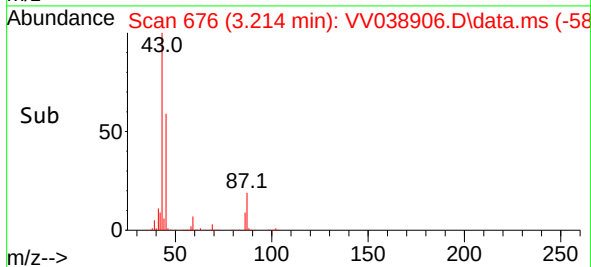
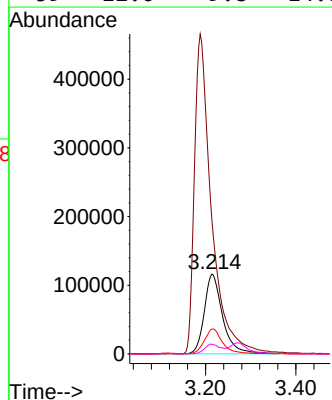
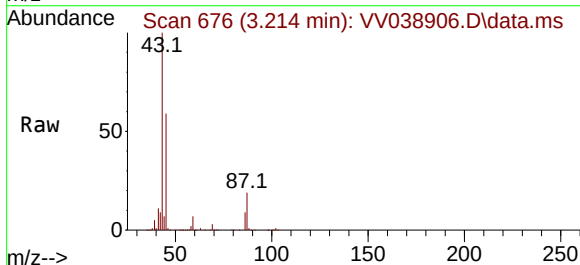
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBSD01

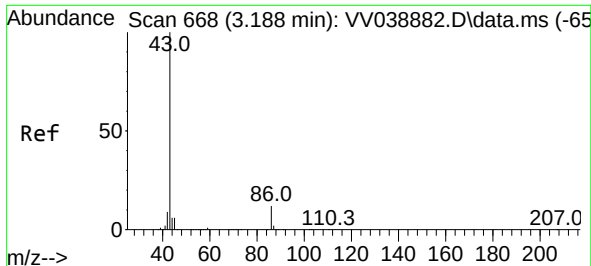
Tgt Ion: 96 Resp: 81924
Ion Ratio Lower Upper
96 100
61 133.6 102.0 153.0
98 64.6 51.0 76.6



#22
Diisopropyl ether
Concen: 23.420 ug/l
RT: 3.214 min Scan# 676
Delta R.T. 0.000 min
Lab File: VV038906.D
Acq: 16 Jul 2025 14:07

Tgt Ion: 45 Resp: 325668
Ion Ratio Lower Upper
45 100
43 168.5 132.1 198.1
87 31.0 25.0 37.4
59 12.0 9.8 14.8

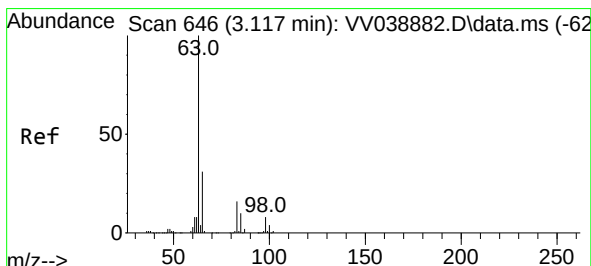
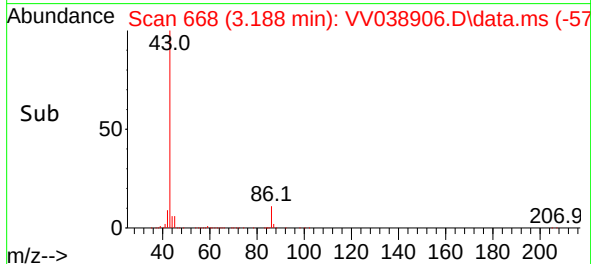
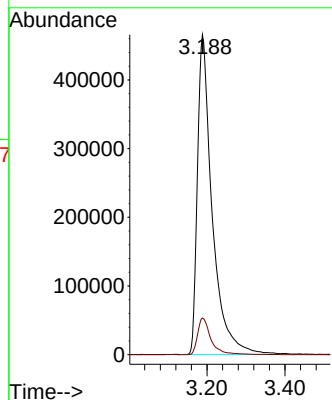
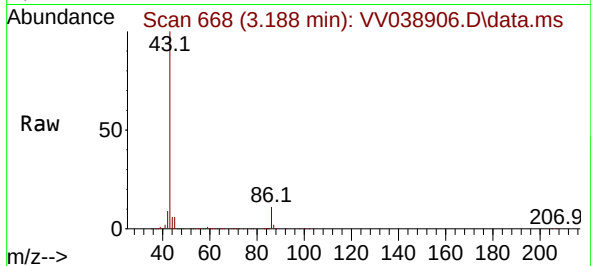




#23
 Vinyl Acetate
 Concen: 112.471 ug/l
 RT: 3.188 min Scan# 668
 Delta R.T. 0.000 min
 Lab File: VV038906.D
 Acq: 16 Jul 2025 14:07

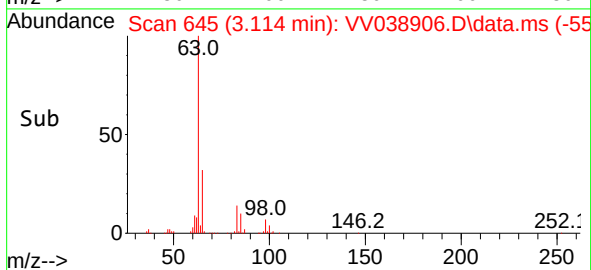
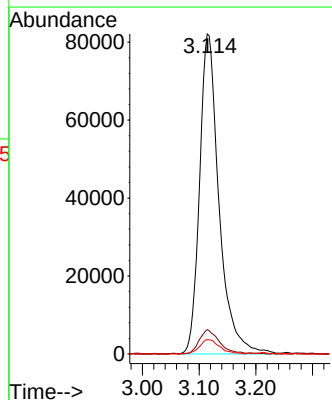
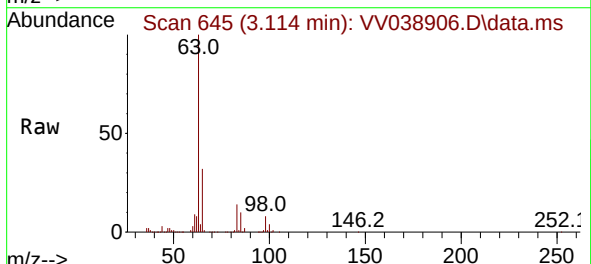
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0716WBSD01

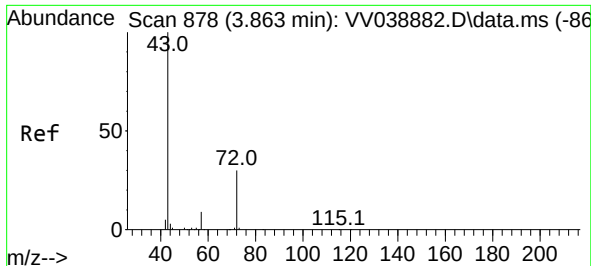
Tgt Ion: 43 Resp: 1226281
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.8 14.6



#24
 1,1-Dichloroethane
 Concen: 21.505 ug/l
 RT: 3.114 min Scan# 645
 Delta R.T. -0.003 min
 Lab File: VV038906.D
 Acq: 16 Jul 2025 14:07

Tgt Ion: 63 Resp: 195837
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.9 11.7
 100 4.5 2.2 6.6

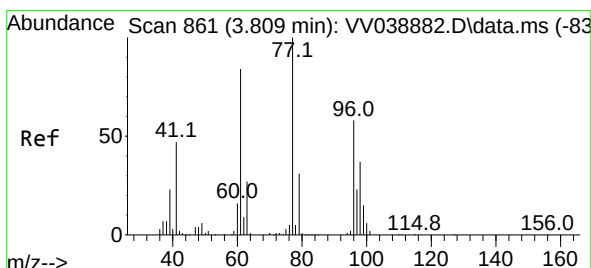
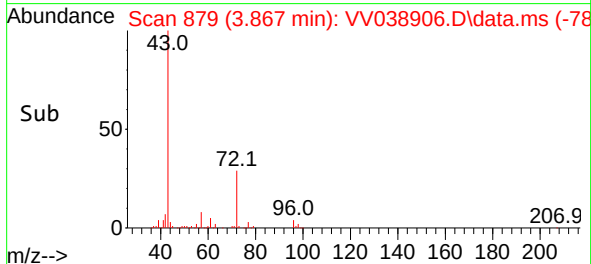
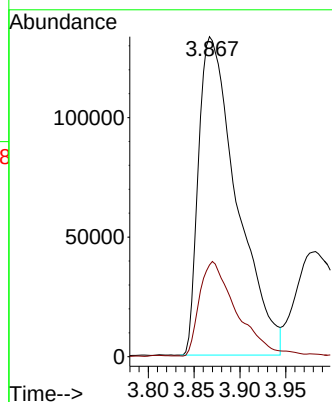
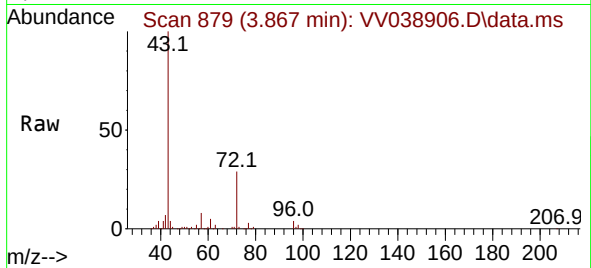




#25
2-Butanone
Concen: 122.622 ug/l
RT: 3.867 min Scan# 81
Delta R.T. 0.003 min
Lab File: VV038906.D
Acq: 16 Jul 2025 14:07

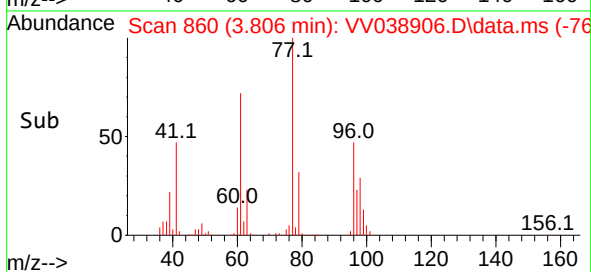
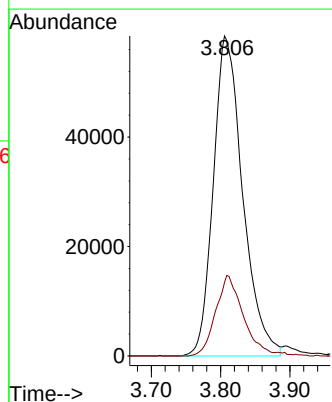
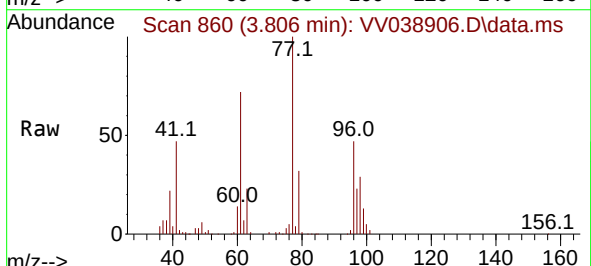
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBSD01

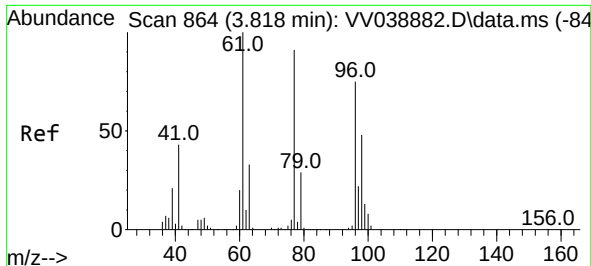
Tgt Ion: 43 Resp: 387735
Ion Ratio Lower Upper
43 100
72 28.6 23.9 35.9



#26
2,2-Dichloropropane
Concen: 21.579 ug/l
RT: 3.806 min Scan# 860
Delta R.T. -0.003 min
Lab File: VV038906.D
Acq: 16 Jul 2025 14:07

Tgt Ion: 77 Resp: 172051
Ion Ratio Lower Upper
77 100
97 23.4 11.4 34.2

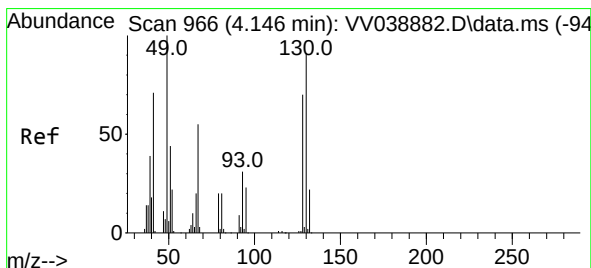
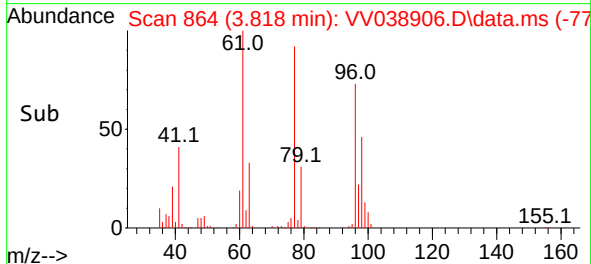
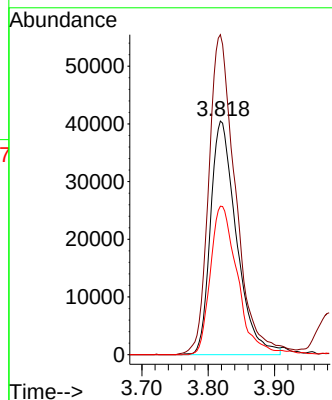
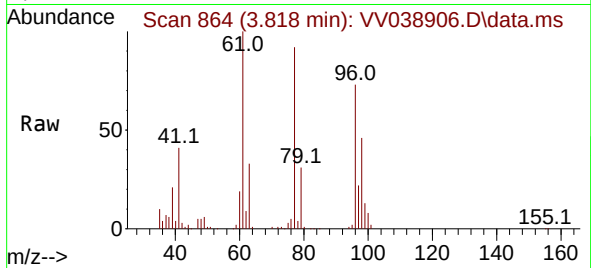




#27
 cis-1,2-Dichloroethene
 Concen: 20.643 ug/l
 RT: 3.818 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VV038906.D
 Acq: 16 Jul 2025 14:07

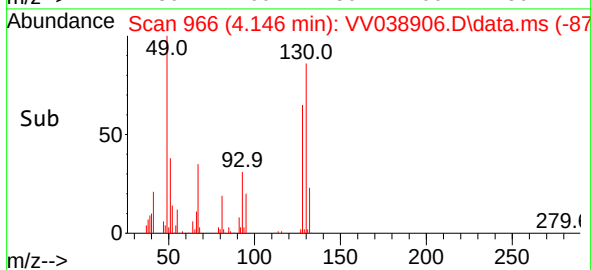
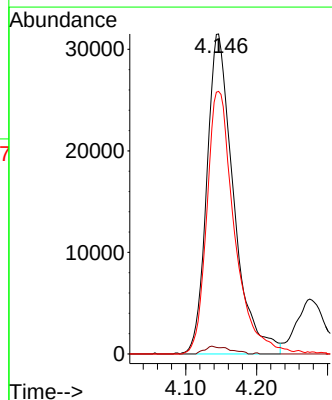
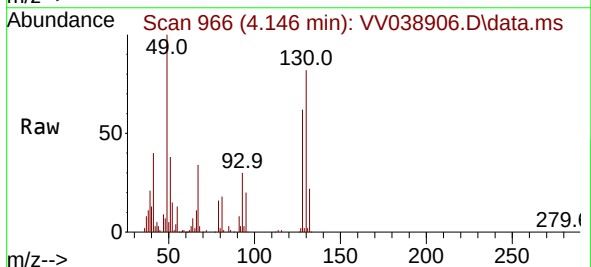
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0716WBSD01

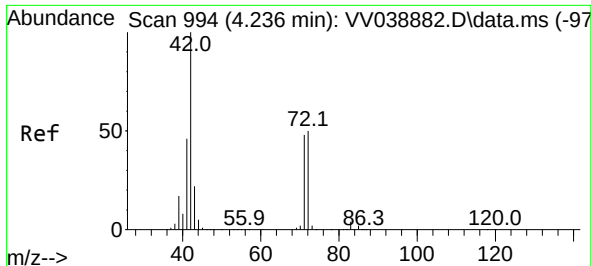
Tgt Ion: 96 Resp: 110170
 Ion Ratio Lower Upper
 96 100
 61 142.0 0.0 275.0
 98 66.3 0.0 130.0



#28
 Bromochloromethane
 Concen: 23.481 ug/l
 RT: 4.146 min Scan# 966
 Delta R.T. 0.000 min
 Lab File: VV038906.D
 Acq: 16 Jul 2025 14:07

Tgt Ion: 49 Resp: 82768
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.8
 130 84.4 70.1 105.1

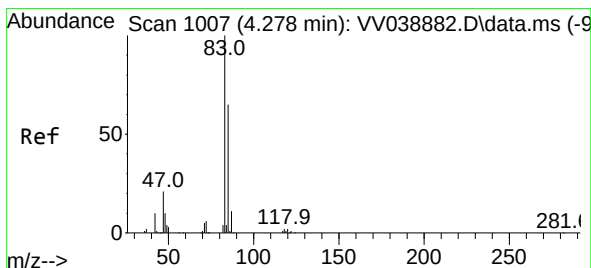
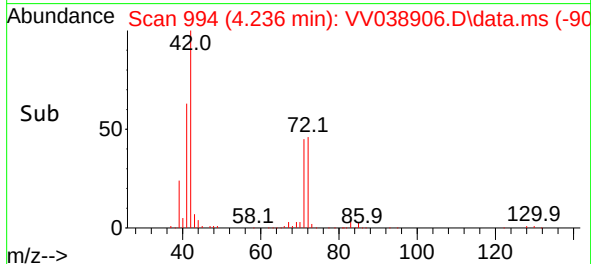
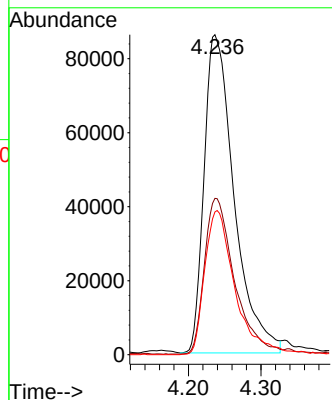
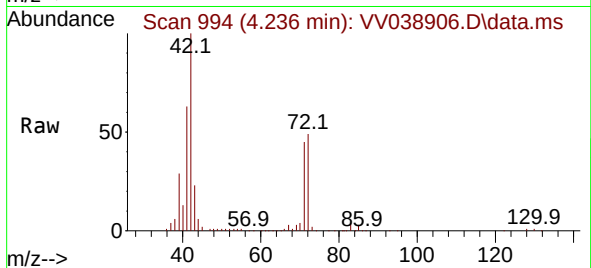




#29
Tetrahydrofuran
Concen: 118.871 ug/l
RT: 4.236 min Scan# 994
Delta R.T. 0.000 min
Lab File: VV038906.D
Acq: 16 Jul 2025 14:07

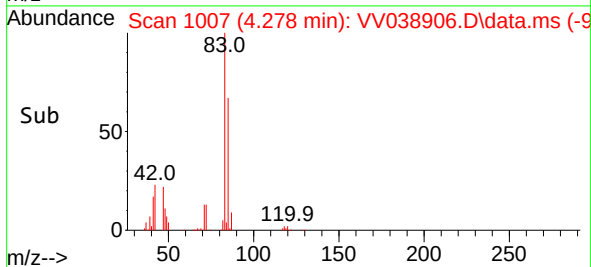
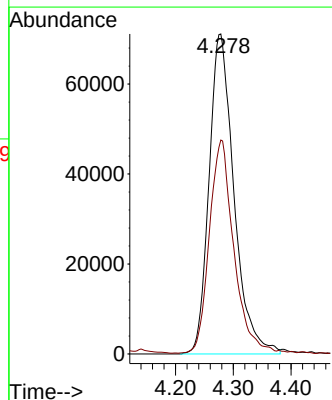
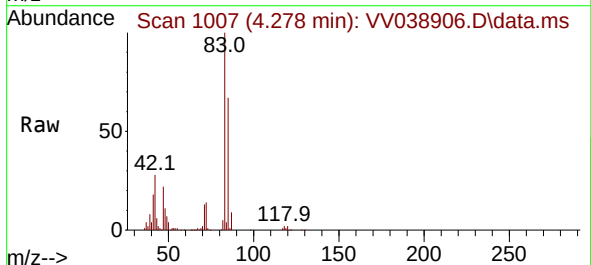
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBSD01

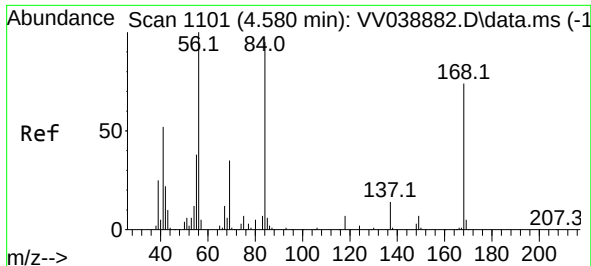
Tgt Ion: 42 Resp: 247730
Ion Ratio Lower Upper
42 100
72 48.9 41.6 62.4
71 45.6 38.4 57.6



#30
Chloroform
Concen: 21.222 ug/l
RT: 4.278 min Scan# 1007
Delta R.T. 0.000 min
Lab File: VV038906.D
Acq: 16 Jul 2025 14:07

Tgt Ion: 83 Resp: 213067
Ion Ratio Lower Upper
83 100
85 66.5 52.2 78.4

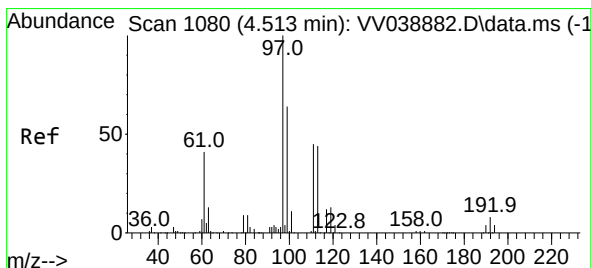
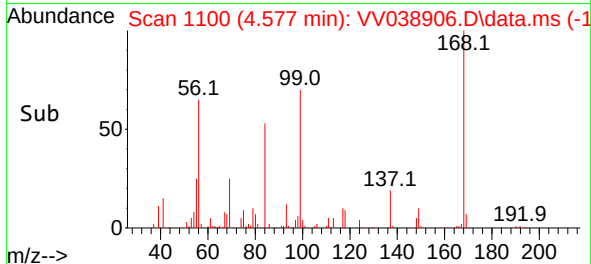
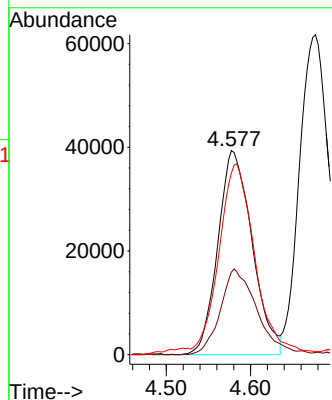
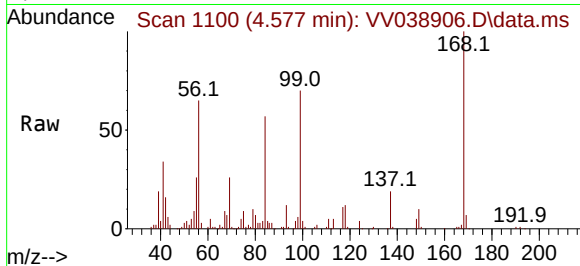




#31
Cyclohexane
Concen: 18.624 ug/l
RT: 4.577 min Scan# 1101
Delta R.T. -0.003 min
Lab File: VV038906.D
Acq: 16 Jul 2025 14:07

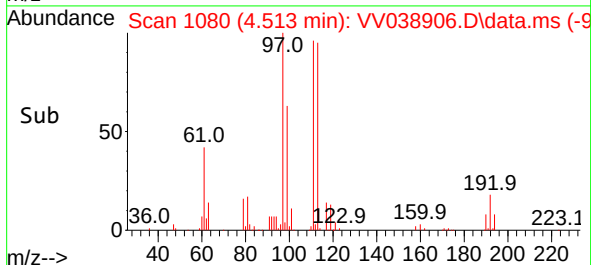
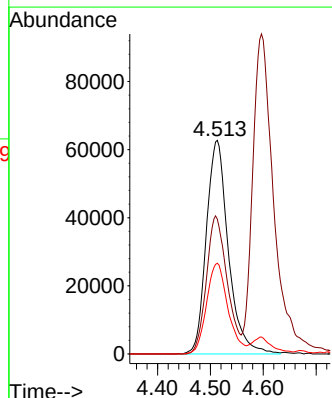
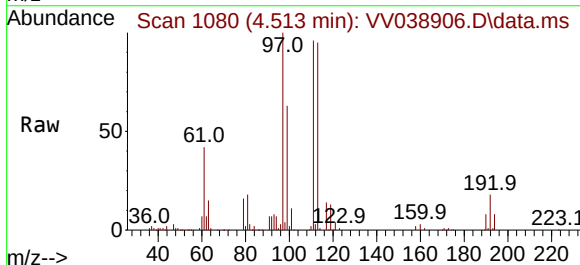
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBSD01

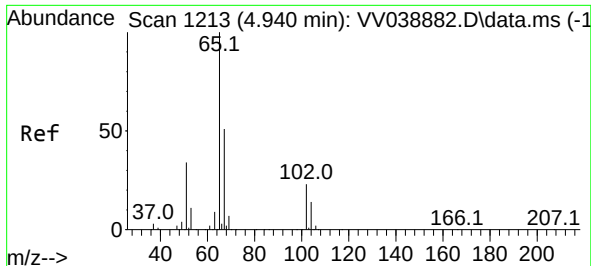
Tgt Ion: 56 Resp: 111321
Ion Ratio Lower Upper
56 100
69 40.4 28.2 42.2
84 85.9 76.0 114.0



#32
1,1,1-Trichloroethane
Concen: 20.772 ug/l
RT: 4.513 min Scan# 1080
Delta R.T. 0.000 min
Lab File: VV038906.D
Acq: 16 Jul 2025 14:07

Tgt Ion: 97 Resp: 181965
Ion Ratio Lower Upper
97 100
99 60.6 50.1 75.1
61 41.3 32.6 49.0

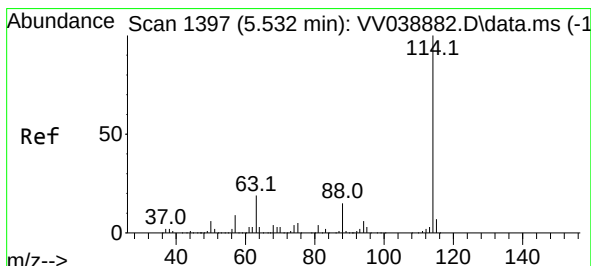
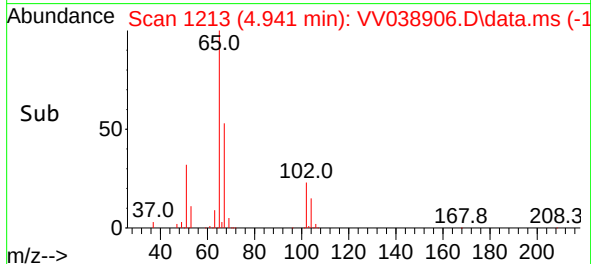
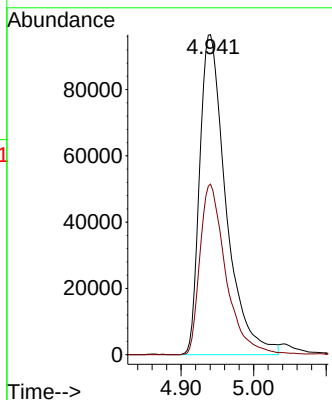
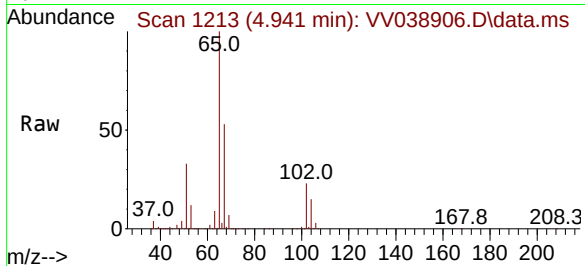




#33
 1,2-Dichloroethane-d4
 Concen: 47.672 ug/l
 RT: 4.941 min Scan# 1213
 Delta R.T. 0.000 min
 Lab File: VV038906.D
 Acq: 16 Jul 2025 14:07

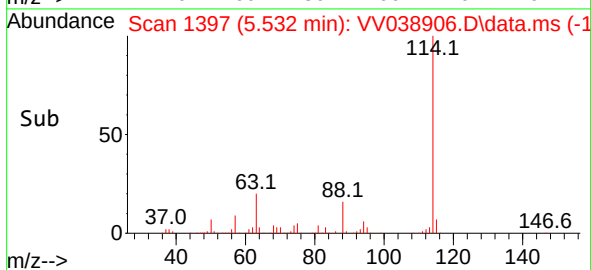
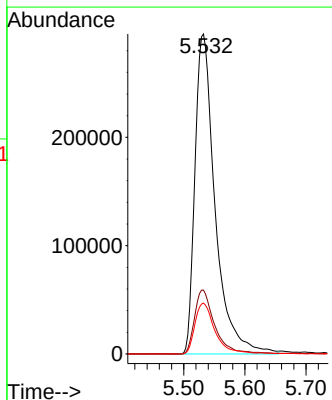
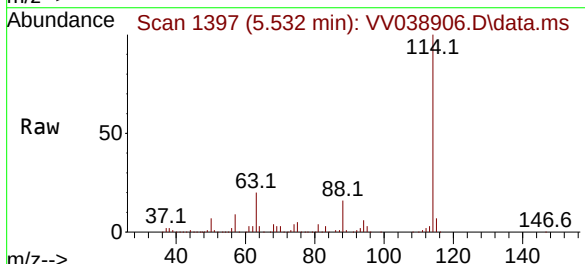
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0716WBSD01

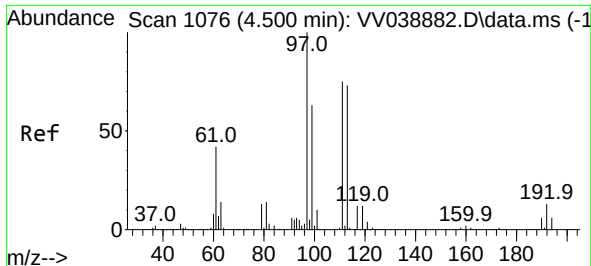
Tgt Ion: 65 Resp: 243039
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.532 min Scan# 1397
 Delta R.T. 0.000 min
 Lab File: VV038906.D
 Acq: 16 Jul 2025 14:07

Tgt Ion: 114 Resp: 677705
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 37.2
 88 15.9 0.0 30.8





#35

Dibromofluoromethane

Concen: 48.430 ug/l

RT: 4.497 min Scan# 1107

Delta R.T. -0.003 min

Lab File: VV038906.D

Acq: 16 Jul 2025 14:07

Instrument :

MSVOA_V

ClientSampleId :

VV0716WBSD01

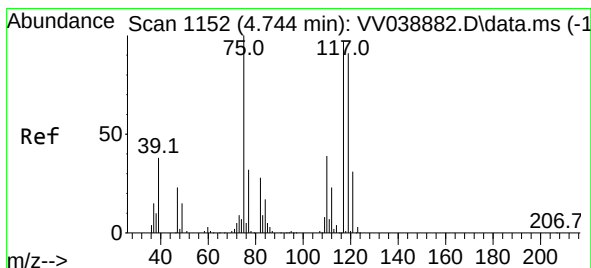
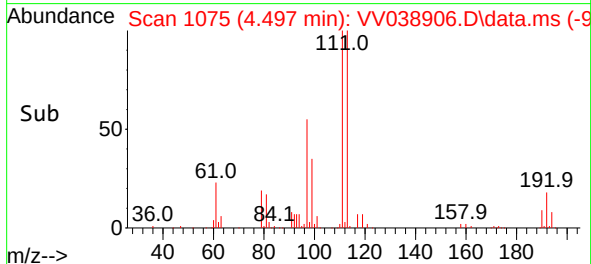
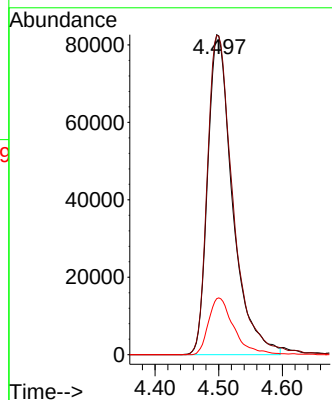
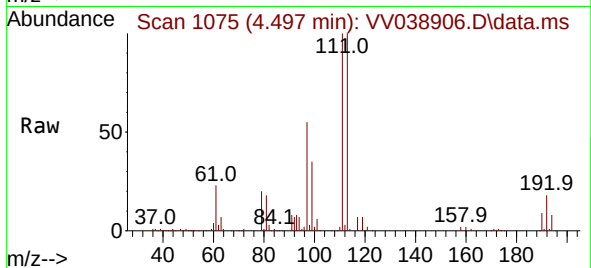
Tgt Ion:113 Resp: 223777

Ion Ratio Lower Upper

113 100

111 103.0 83.3 124.9

192 18.1 14.2 21.4



#36

1,1-Dichloropropene

Concen: 20.439 ug/l

RT: 4.744 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VV038906.D

Acq: 16 Jul 2025 14:07

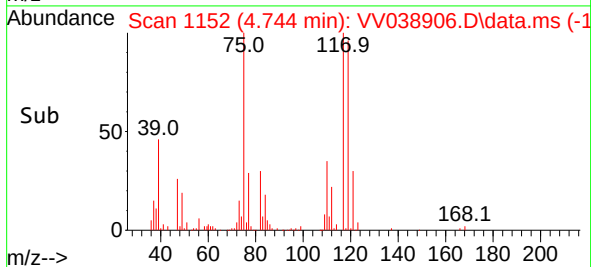
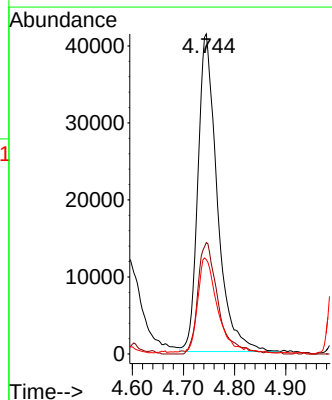
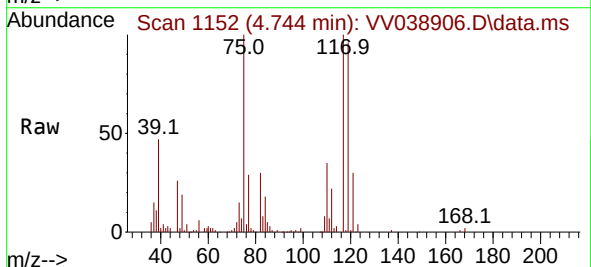
Tgt Ion: 75 Resp: 108536

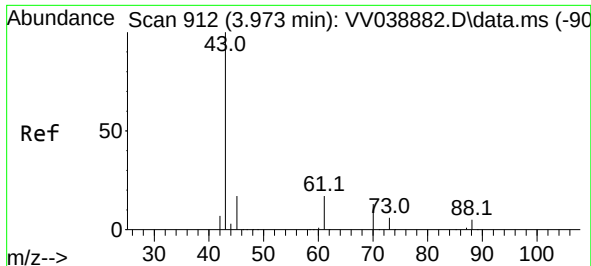
Ion Ratio Lower Upper

75 100

110 36.8 18.8 56.3

77 28.7 24.2 36.4





#37

Ethyl Acetate

Concen: 23.443 ug/l

RT: 3.982 min Scan# 91

Delta R.T. 0.010 min

Lab File: VV038906.D

Acq: 16 Jul 2025 14:07

Instrument :

MSVOA_V

ClientSampleId :

VV0716WBSD01

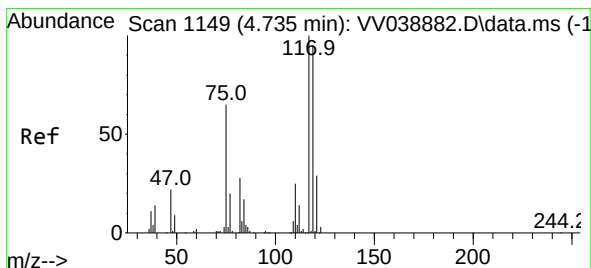
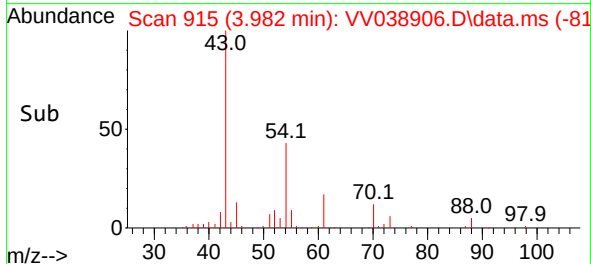
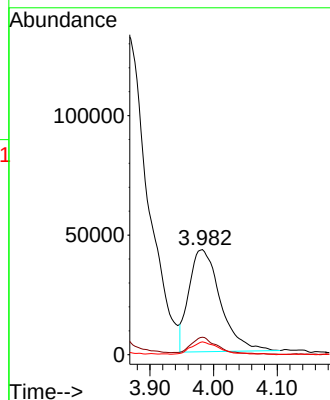
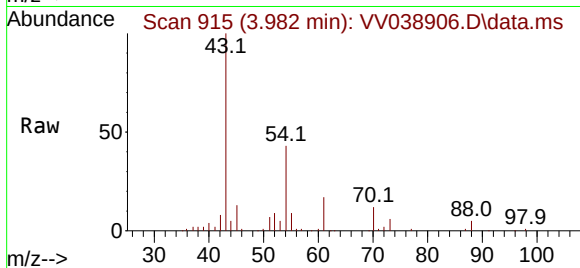
Tgt Ion: 43 Resp: 146568

Ion Ratio Lower Upper

43 100

61 13.3 11.1 16.7

70 10.0 8.9 13.3



#38

Carbon Tetrachloride

Concen: 20.089 ug/l

RT: 4.732 min Scan# 1148

Delta R.T. -0.003 min

Lab File: VV038906.D

Acq: 16 Jul 2025 14:07

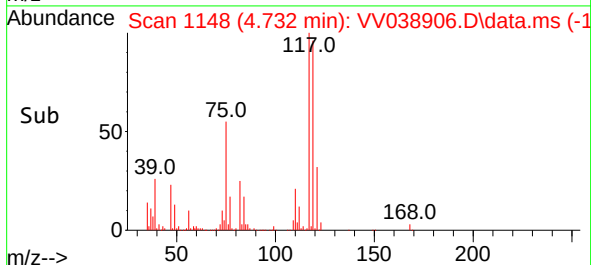
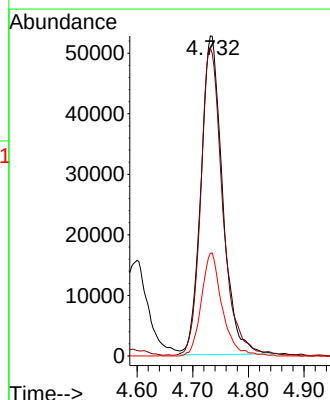
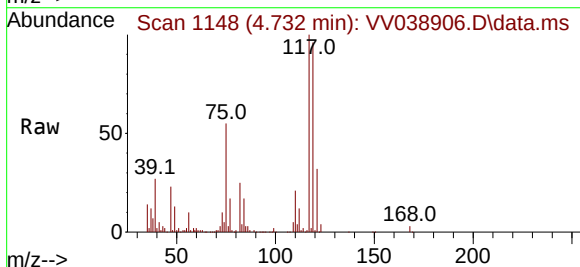
Tgt Ion:117 Resp: 141700

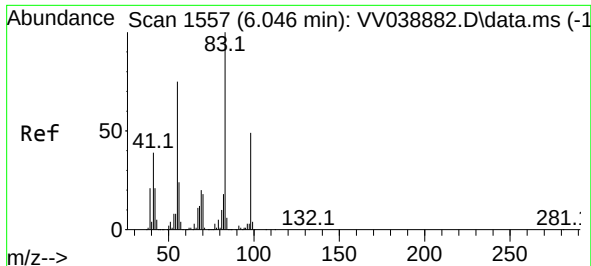
Ion Ratio Lower Upper

117 100

119 96.4 76.0 114.0

121 32.3 23.1 34.7





#39

Methylcyclohexane

Concen: 18.160 ug/l

RT: 6.043 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV038906.D

Acq: 16 Jul 2025 14:07

Instrument :

MSVOA_V

ClientSampleId :

VV0716WBSD01

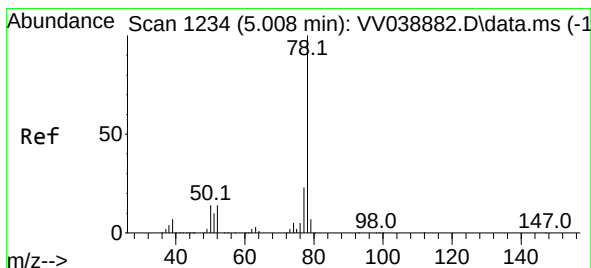
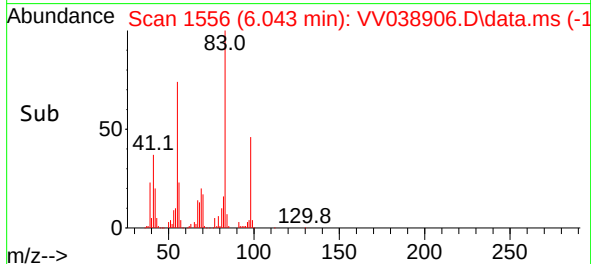
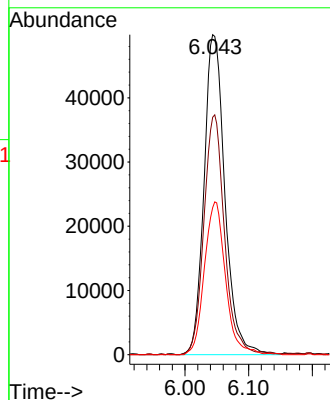
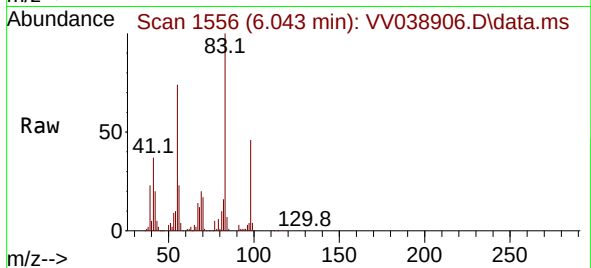
Tgt Ion: 83 Resp: 113787

Ion Ratio Lower Upper

83 100

55 74.2 60.0 90.0

98 45.9 39.0 58.6



#40

Benzene

Concen: 20.857 ug/l

RT: 5.008 min Scan# 1234

Delta R.T. 0.000 min

Lab File: VV038906.D

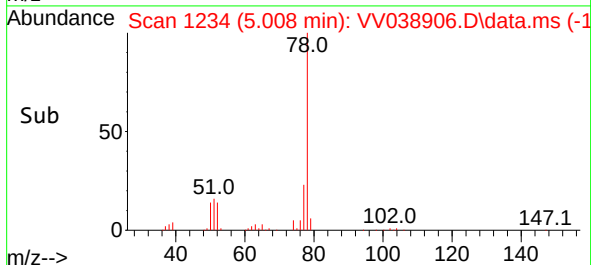
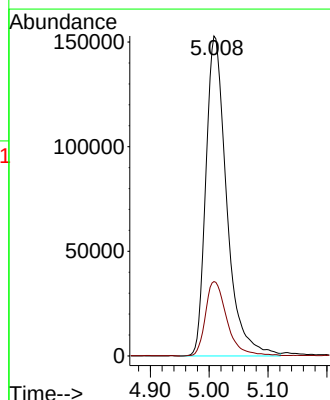
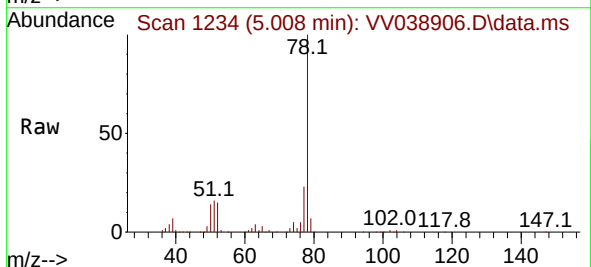
Acq: 16 Jul 2025 14:07

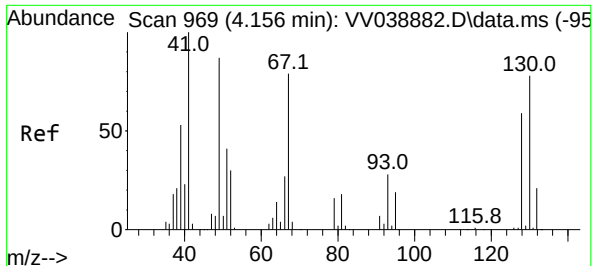
Tgt Ion: 78 Resp: 375453

Ion Ratio Lower Upper

78 100

77 23.3 18.6 28.0



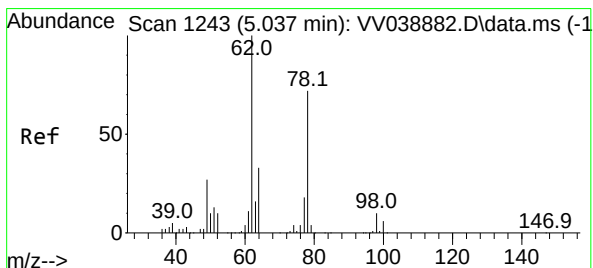
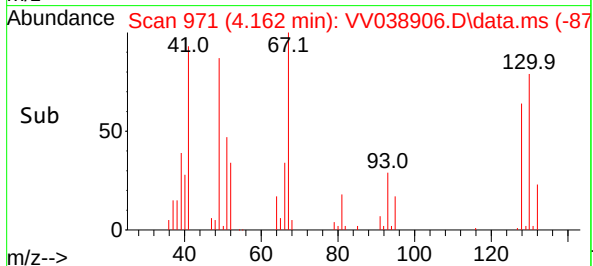
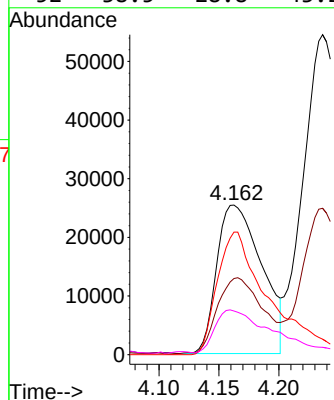
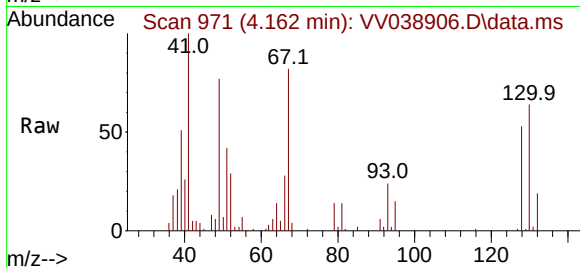


#41
Methacrylonitrile
Concen: 23.020 ug/l
RT: 4.162 min Scan# 91
Delta R.T. 0.007 min
Lab File: VV038906.D
Acq: 16 Jul 2025 14:07

Instrument :
MSVOA_V
ClientSampleId :
VV0716WBSD01

Tgt Ion: 41 Resp: 66054

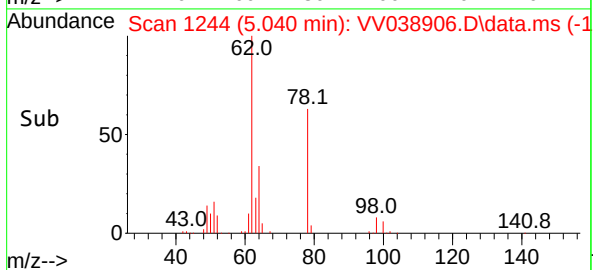
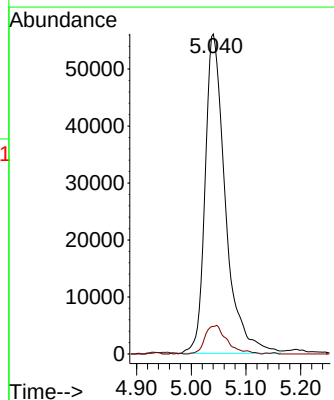
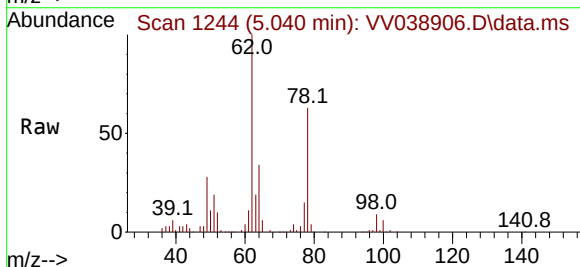
Ion	Ratio	Lower	Upper
41	100		
39	52.3	42.0	63.0
67	97.8	76.2	114.2
52	38.5	28.8	43.2

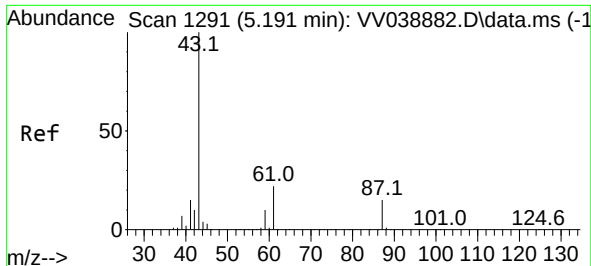


#42
1,2-Dichloroethane
Concen: 20.996 ug/l
RT: 5.040 min Scan# 1244
Delta R.T. 0.003 min
Lab File: VV038906.D
Acq: 16 Jul 2025 14:07

Tgt Ion: 62 Resp: 144064

Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.8

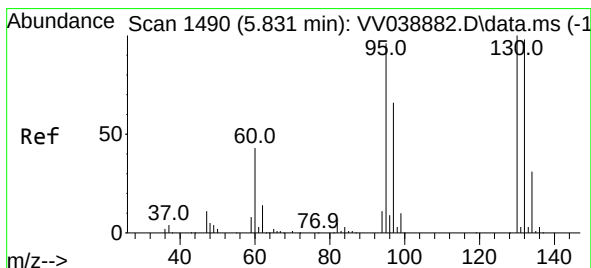
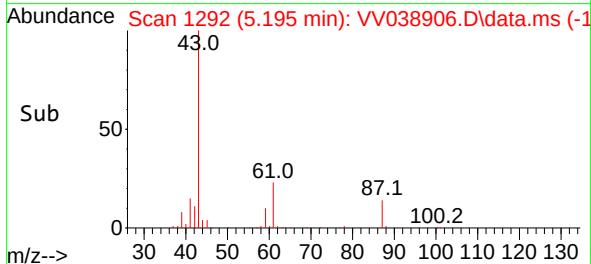
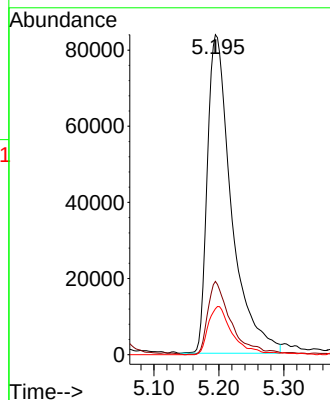
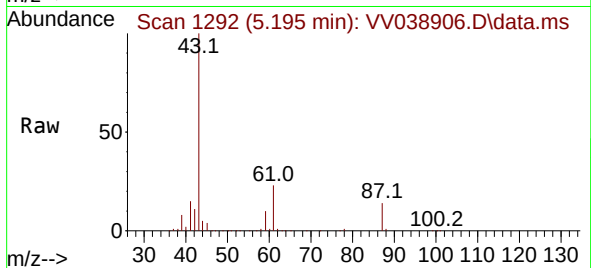




#43
Isopropyl Acetate
Concen: 21.832 ug/l
RT: 5.195 min Scan# 1291
Delta R.T. 0.003 min
Lab File: VV038906.D
Acq: 16 Jul 2025 14:07

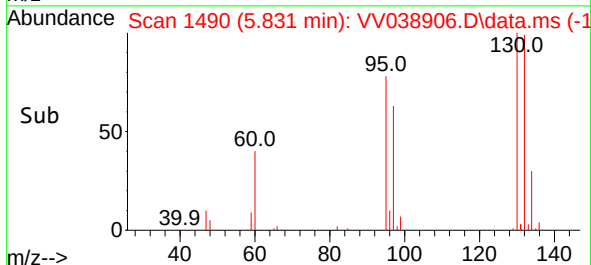
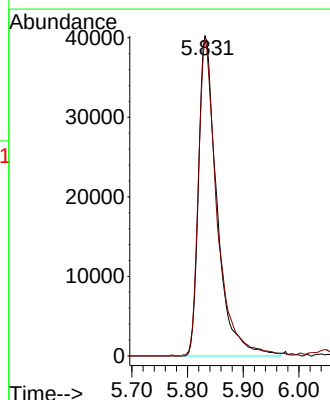
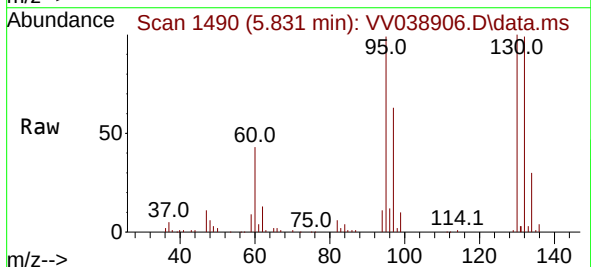
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBSD01

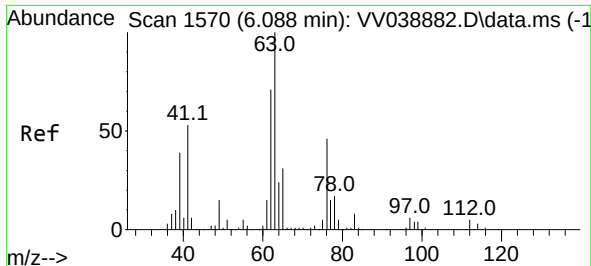
Tgt Ion: 43 Resp: 215873
Ion Ratio Lower Upper
43 100
61 21.7 17.1 25.7
87 14.9 12.2 18.4



#44
Trichloroethene
Concen: 19.676 ug/l
RT: 5.831 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VV038906.D
Acq: 16 Jul 2025 14:07

Tgt Ion:130 Resp: 92555
Ion Ratio Lower Upper
130 100
95 98.8 0.0 191.2





#45

1,2-Dichloropropane

Concen: 22.030 ug/l

RT: 6.092 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV038906.D

Acq: 16 Jul 2025 14:07

Instrument :

MSVOA_V

ClientSampleId :

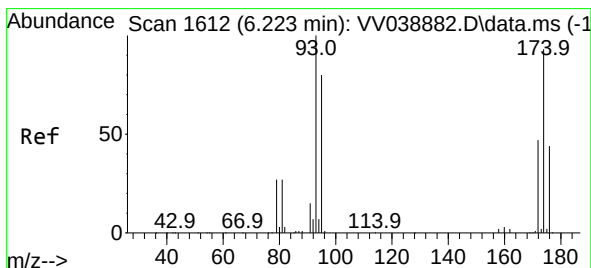
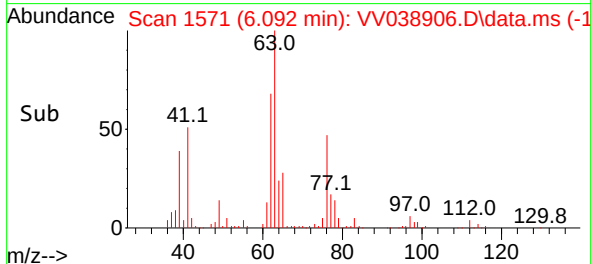
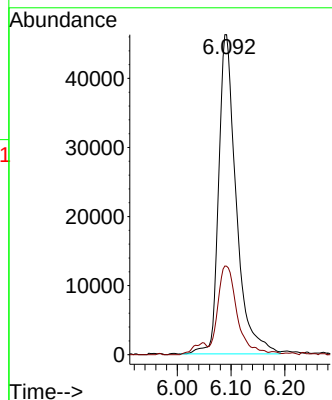
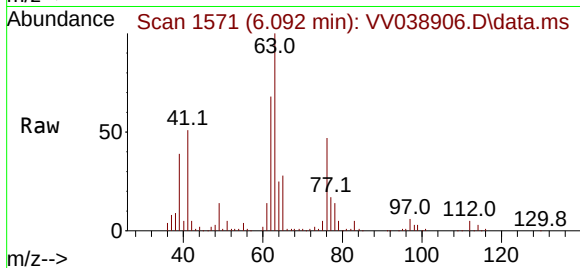
VV0716WBSD01

Tgt Ion: 63 Resp: 104759

Ion Ratio Lower Upper

63 100

65 27.7 24.9 37.3



#46

Dibromomethane

Concen: 20.822 ug/l

RT: 6.227 min Scan# 1613

Delta R.T. 0.003 min

Lab File: VV038906.D

Acq: 16 Jul 2025 14:07

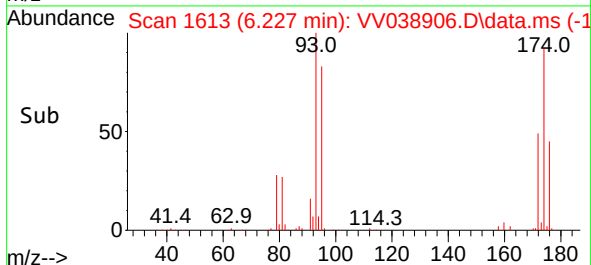
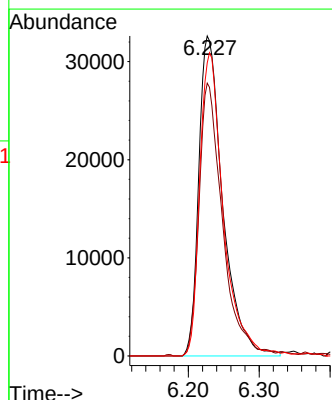
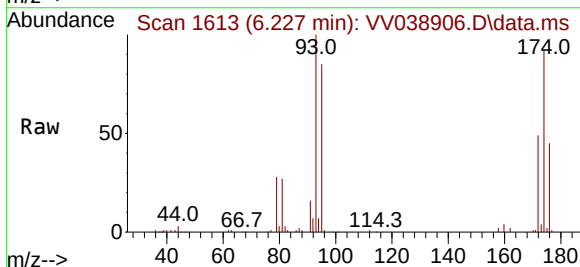
Tgt Ion: 93 Resp: 76608

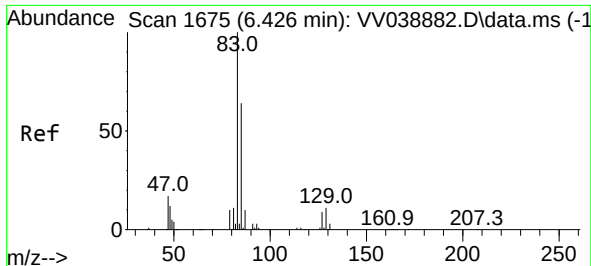
Ion Ratio Lower Upper

93 100

95 83.4 66.2 99.4

174 93.3 75.3 112.9

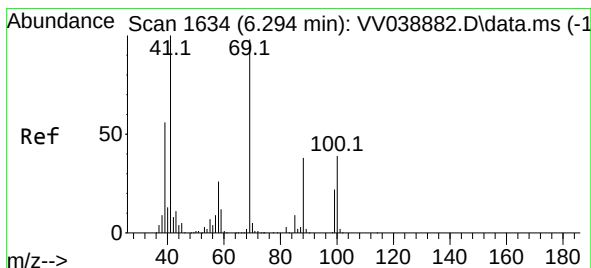
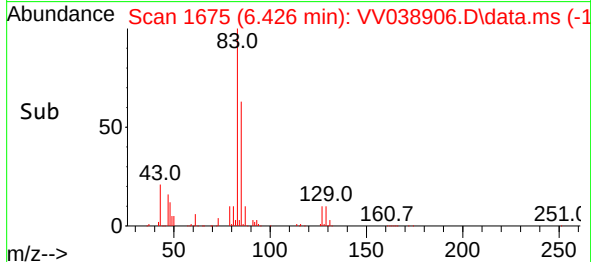
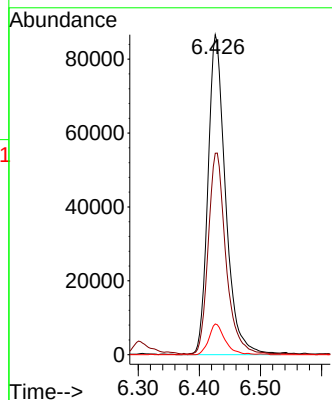
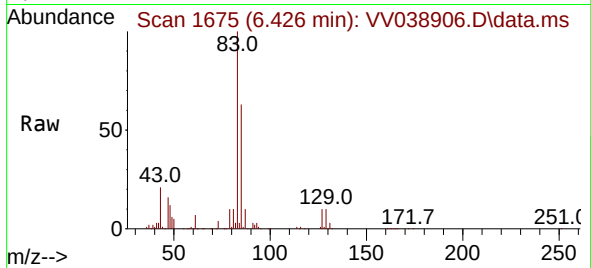




#47
 Bromodichloromethane
 Concen: 22.191 ug/l
 RT: 6.426 min Scan# 1675
 Delta R.T. 0.000 min
 Lab File: VV038906.D
 Acq: 16 Jul 2025 14:07

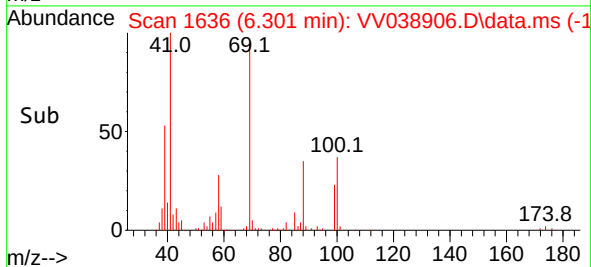
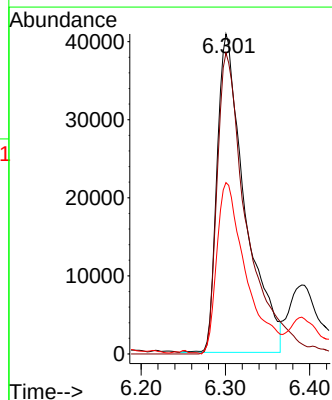
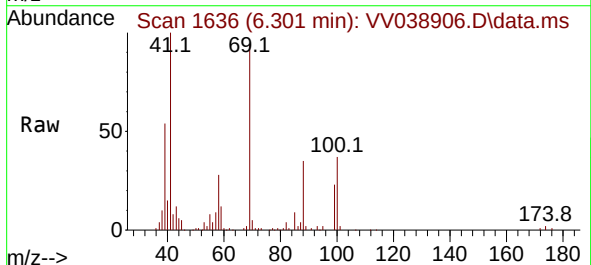
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0716WBSD01

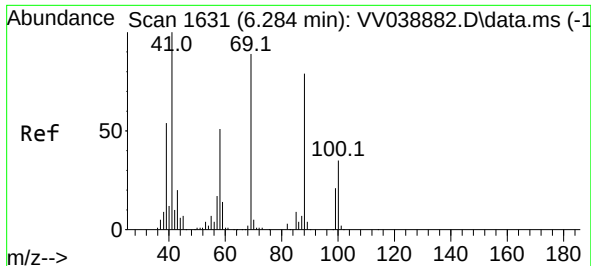
Tgt Ion: 83 Resp: 173273
 Ion Ratio Lower Upper
 83 100
 85 62.6 51.4 77.0
 127 9.6 6.9 10.3



#48
 Methyl methacrylate
 Concen: 21.869 ug/l
 RT: 6.301 min Scan# 1636
 Delta R.T. 0.007 min
 Lab File: VV038906.D
 Acq: 16 Jul 2025 14:07

Tgt Ion: 41 Resp: 93845
 Ion Ratio Lower Upper
 41 100
 69 101.4 79.4 119.2
 39 56.6 44.0 66.0





#49

1,4-Dioxane

Concen: 477.097 ug/l

RT: 6.291 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV038906.D

Acq: 16 Jul 2025 14:07

Instrument :

MSVOA_V

ClientSampleId :

VV0716WBSD01

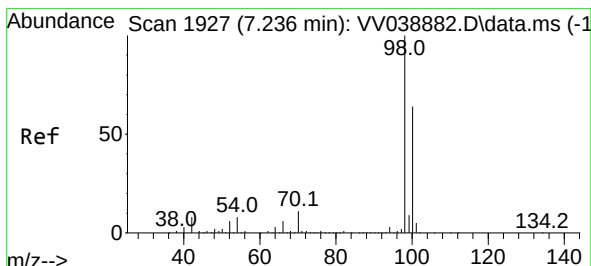
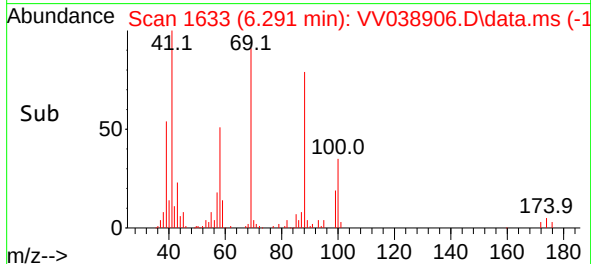
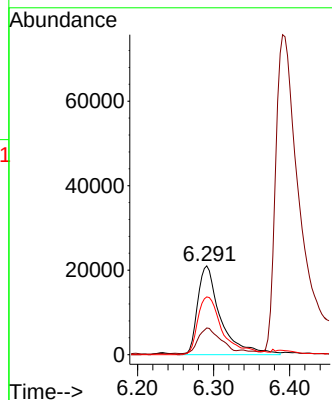
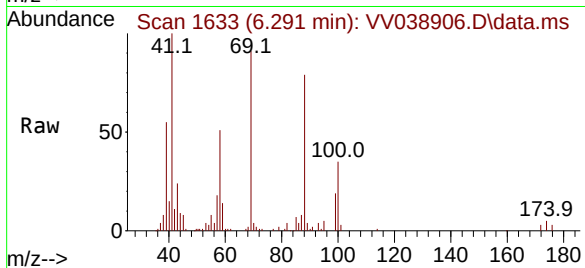
Tgt Ion: 88 Resp: 44112

Ion Ratio Lower Upper

88 100

43 27.9 23.0 34.4

58 70.4 53.8 80.6



#50

Toluene-d8

Concen: 45.500 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VV038906.D

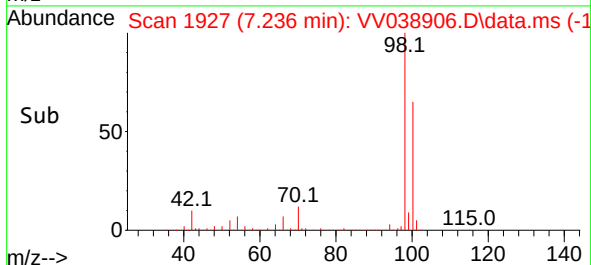
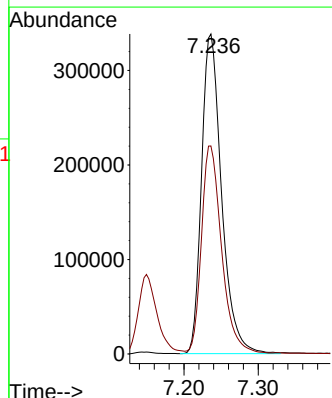
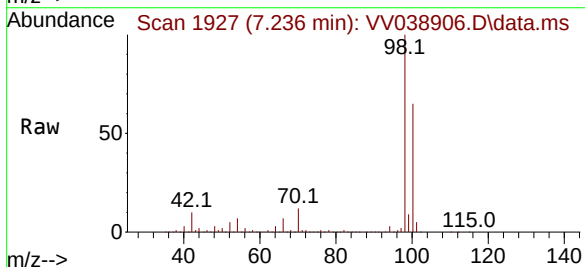
Acq: 16 Jul 2025 14:07

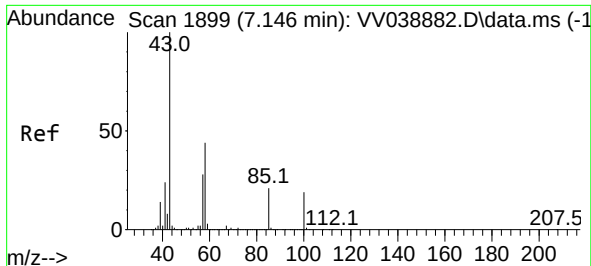
Tgt Ion: 98 Resp: 635487

Ion Ratio Lower Upper

98 100

100 65.0 52.9 79.3

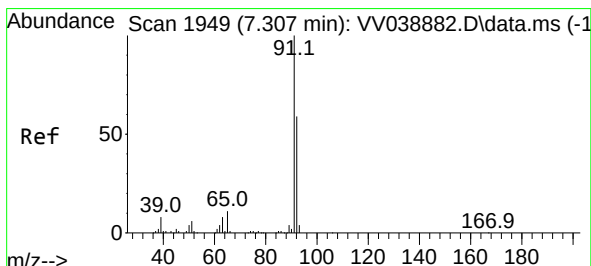
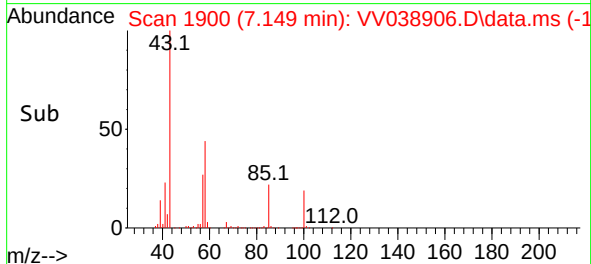
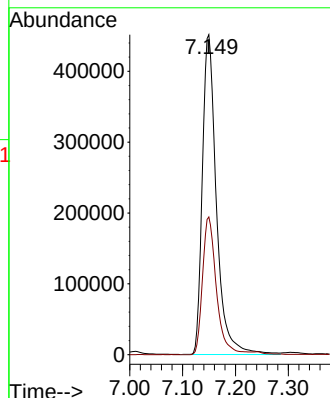
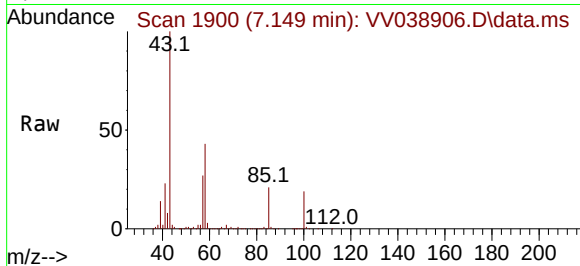




#51
4-Methyl-2-Pentanone
Concen: 124.317 ug/l
RT: 7.149 min Scan# 1900
Delta R.T. 0.003 min
Lab File: VV038906.D
Acq: 16 Jul 2025 14:07

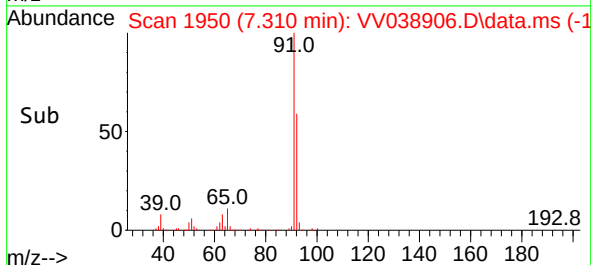
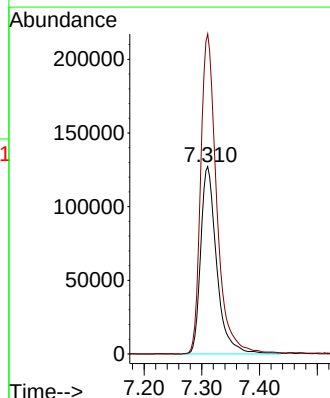
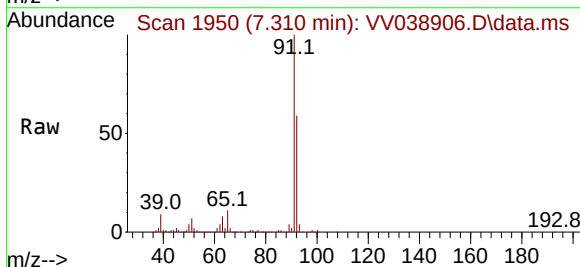
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBSD01

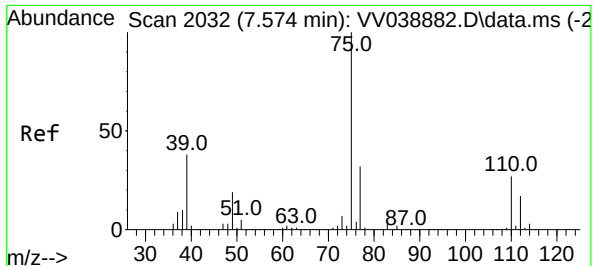
Tgt Ion: 43 Resp: 837017
Ion Ratio Lower Upper
43 100
58 42.4 34.5 51.7



#52
Toluene
Concen: 21.554 ug/l
RT: 7.310 min Scan# 1950
Delta R.T. 0.003 min
Lab File: VV038906.D
Acq: 16 Jul 2025 14:07

Tgt Ion: 92 Resp: 244424
Ion Ratio Lower Upper
92 100
91 171.0 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 21.557 ug/l

RT: 7.577 min Scan# 2032

Delta R.T. 0.003 min

Lab File: VV038906.D

Acq: 16 Jul 2025 14:07

Instrument :

MSVOA_V

ClientSampleId :

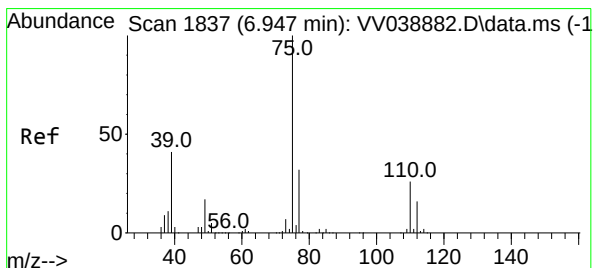
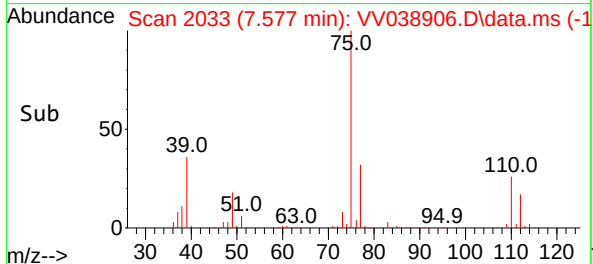
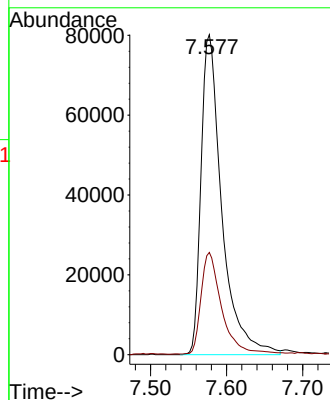
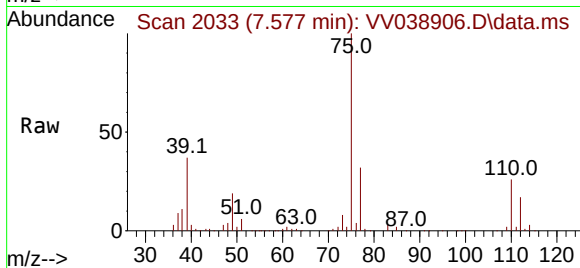
VV0716WBSD01

Tgt Ion: 75 Resp: 152311

Ion Ratio Lower Upper

75 100

77 31.7 26.0 39.0



#54

cis-1,3-Dichloropropene

Concen: 21.991 ug/l

RT: 6.950 min Scan# 1838

Delta R.T. 0.003 min

Lab File: VV038906.D

Acq: 16 Jul 2025 14:07

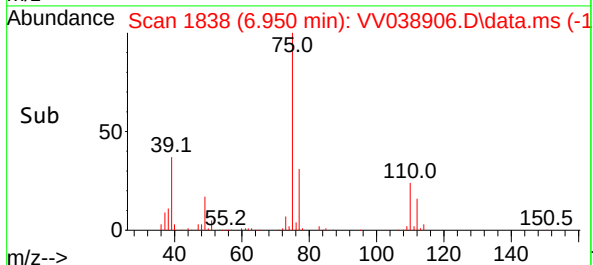
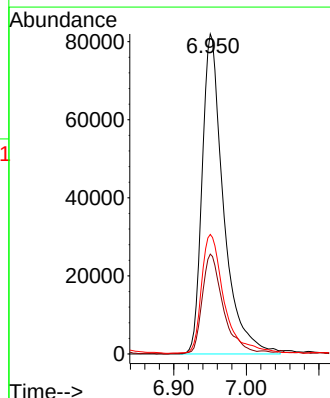
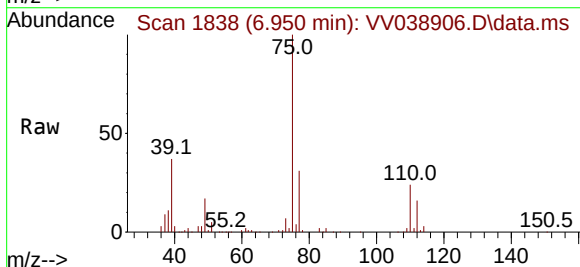
Tgt Ion: 75 Resp: 167962

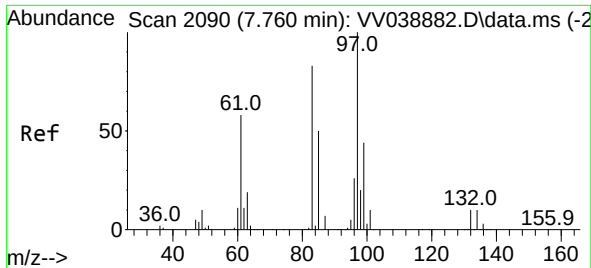
Ion Ratio Lower Upper

75 100

77 31.0 25.5 38.3

39 37.0 33.1 49.7

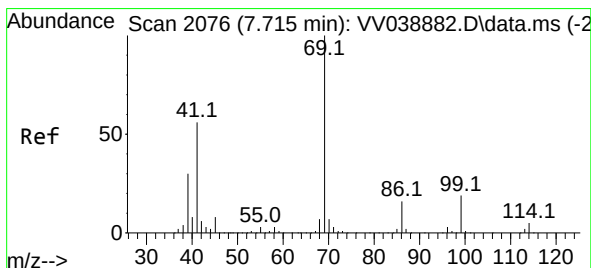
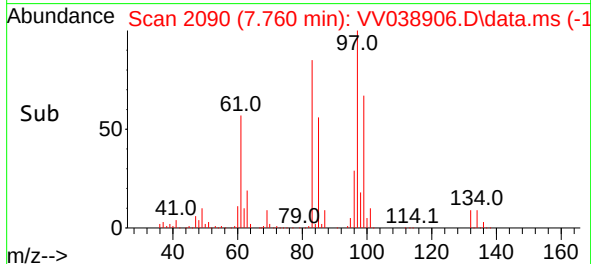
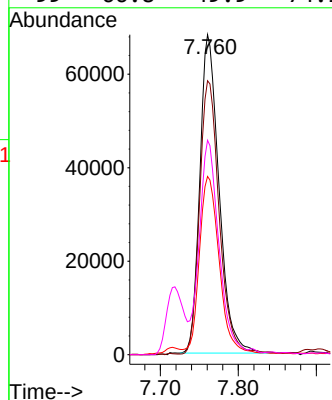
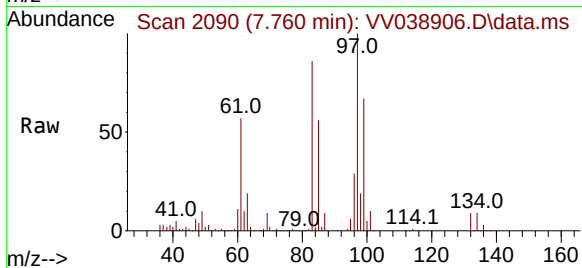




#55
 1,1,2-Trichloroethane
 Concen: 21.526 ug/l
 RT: 7.760 min Scan# 2090
 Delta R.T. 0.000 min
 Lab File: VV038906.D
 Acq: 16 Jul 2025 14:07

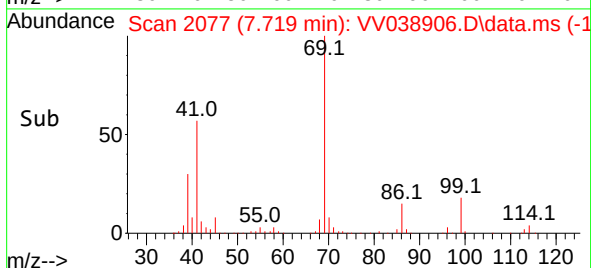
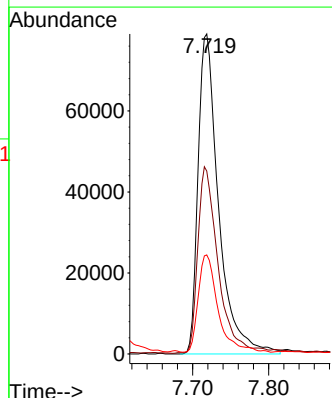
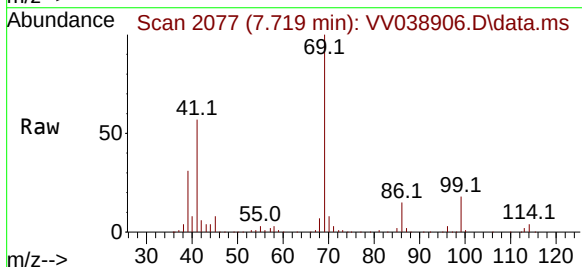
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0716WBSD01

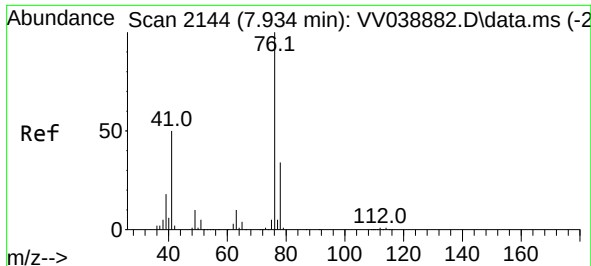
Tgt Ion:	97	Resp:	116681
Ion	Ratio	Lower	Upper
97	100		
83	85.8	66.2	99.4
85	55.5	41.4	62.2
99	66.8	49.9	74.9



#56
 Ethyl methacrylate
 Concen: 23.100 ug/l
 RT: 7.719 min Scan# 2077
 Delta R.T. 0.003 min
 Lab File: VV038906.D
 Acq: 16 Jul 2025 14:07

Tgt Ion:	69	Resp:	148794
Ion	Ratio	Lower	Upper
69	100		
41	56.6	45.7	68.5
39	29.0	23.8	35.8





#57

1,3-Dichloropropane

Concen: 22.457 ug/l

RT: 7.937 min Scan# 2144

Delta R.T. 0.003 min

Lab File: VV038906.D

Acq: 16 Jul 2025 14:07

Instrument :

MSVOA_V

ClientSampleId :

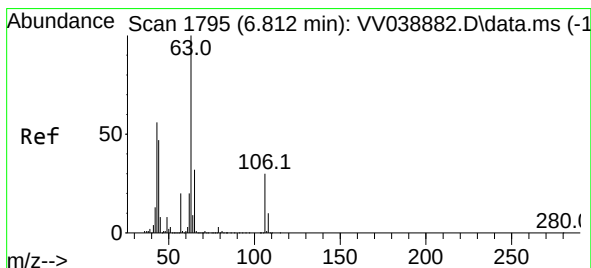
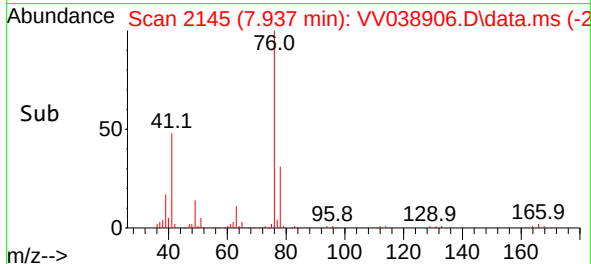
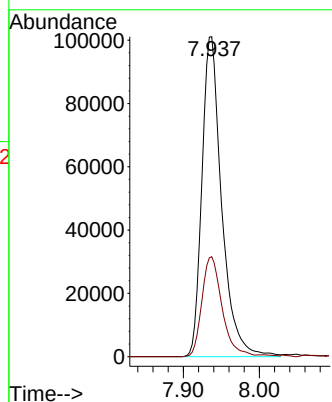
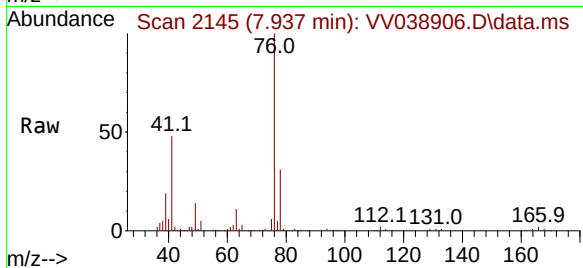
VV0716WBSD01

Tgt Ion: 76 Resp: 182522

Ion Ratio Lower Upper

76 100

78 31.8 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 122.988 ug/l

RT: 6.812 min Scan# 1795

Delta R.T. -0.000 min

Lab File: VV038906.D

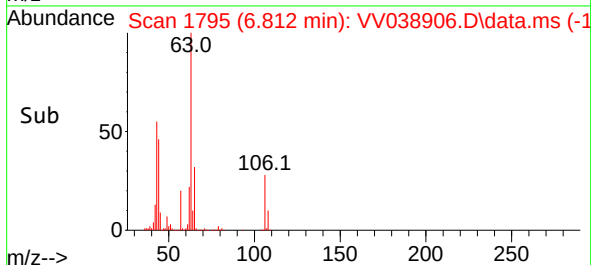
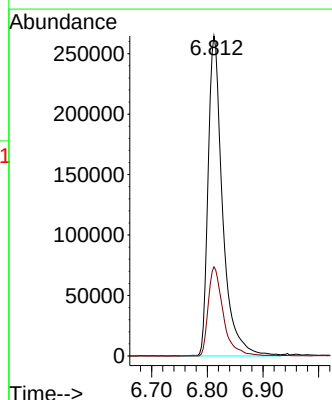
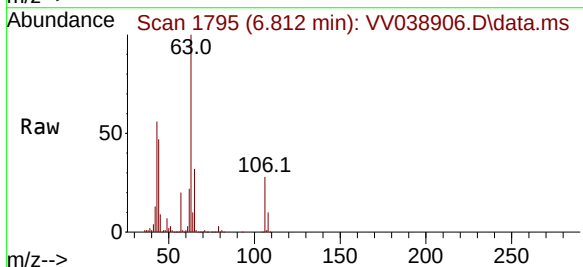
Acq: 16 Jul 2025 14:07

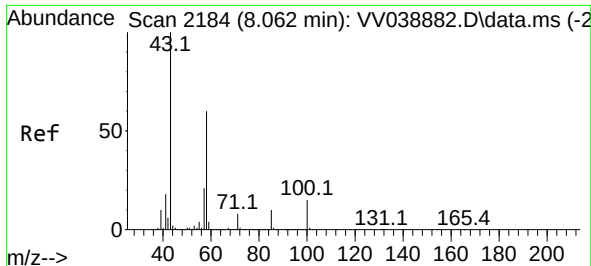
Tgt Ion: 63 Resp: 478084

Ion Ratio Lower Upper

63 100

106 28.8 24.1 36.1

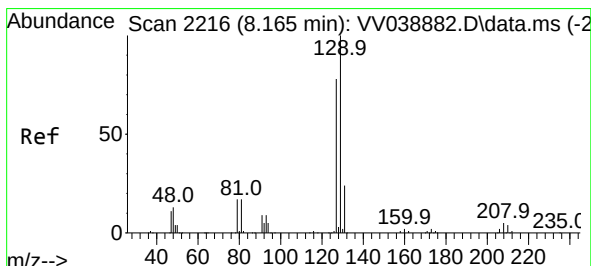
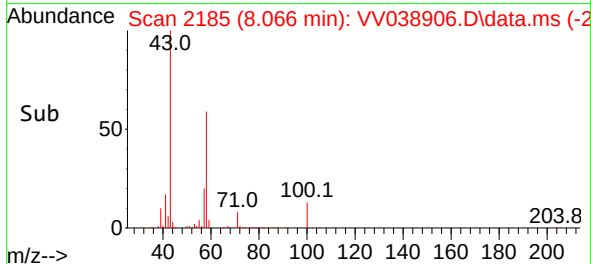
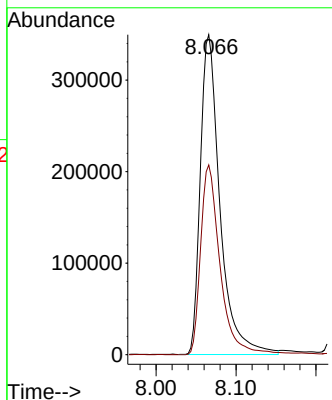
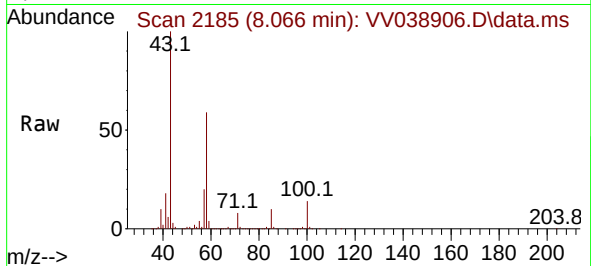




#59
2-Hexanone
Concen: 119.077 ug/l
RT: 8.066 min Scan# 2184
Delta R.T. 0.004 min
Lab File: VV038906.D
Acq: 16 Jul 2025 14:07

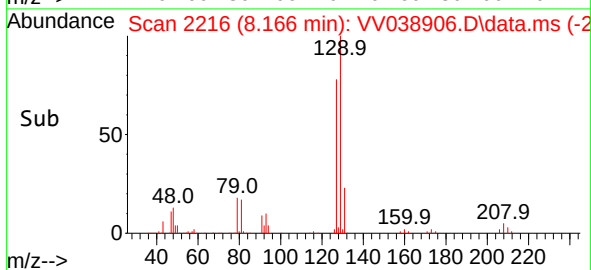
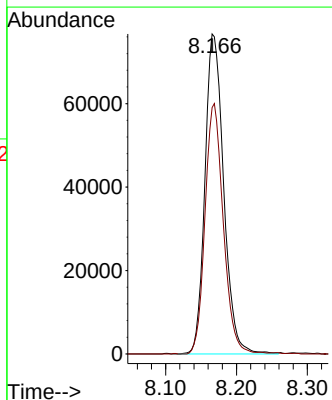
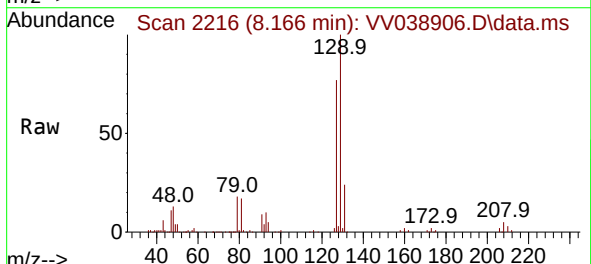
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBSD01

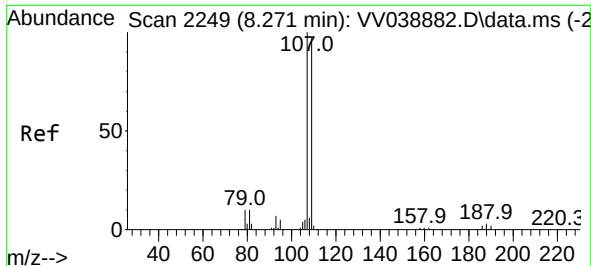
Tgt Ion: 43 Resp: 596819
Ion Ratio Lower Upper
43 100
58 59.0 29.6 88.8



#60
Dibromochloromethane
Concen: 22.082 ug/l
RT: 8.166 min Scan# 2216
Delta R.T. 0.000 min
Lab File: VV038906.D
Acq: 16 Jul 2025 14:07

Tgt Ion: 129 Resp: 140954
Ion Ratio Lower Upper
129 100
127 76.4 39.4 118.2

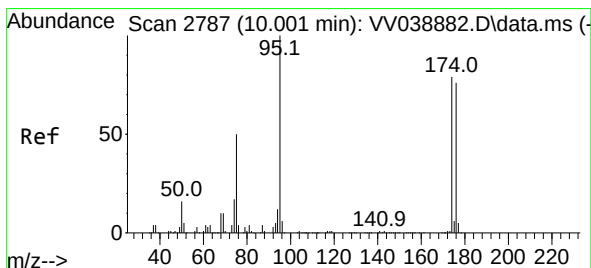
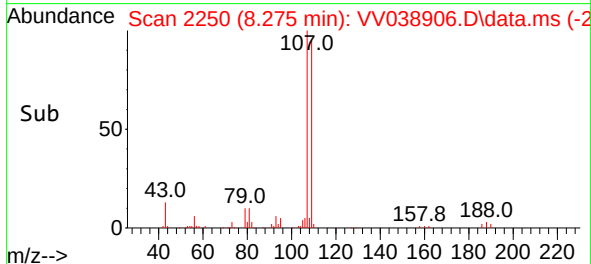
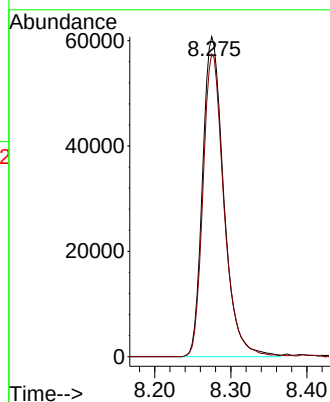
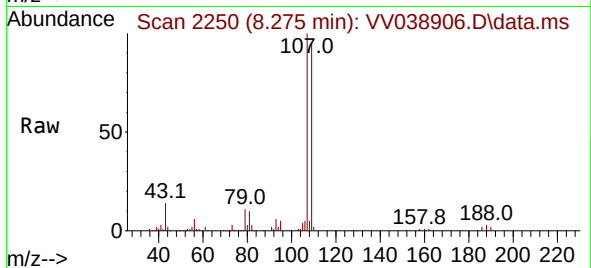




#61
1,2-Dibromoethane
Concen: 21.573 ug/l
RT: 8.275 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038906.D
Acq: 16 Jul 2025 14:07

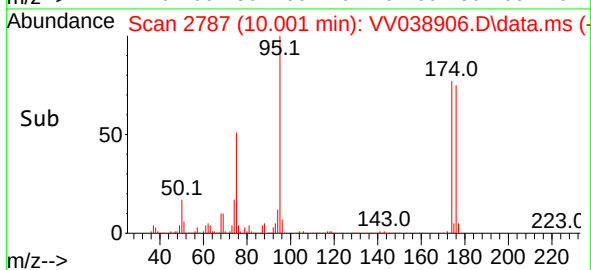
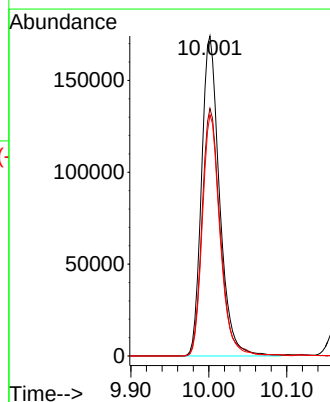
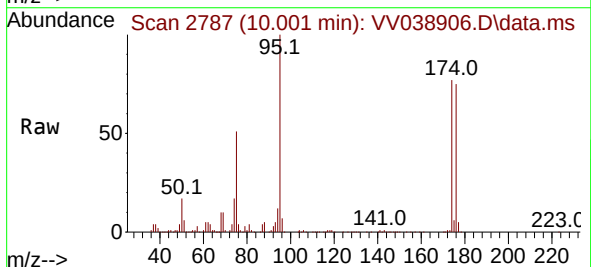
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBSD01

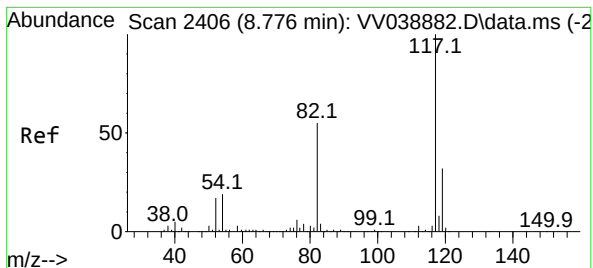
Tgt Ion:107 Resp: 117808
Ion Ratio Lower Upper
107 100
109 93.6 77.1 115.7



#62
4-Bromofluorobenzene
Concen: 49.528 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.000 min
Lab File: VV038906.D
Acq: 16 Jul 2025 14:07

Tgt Ion: 95 Resp: 278662
Ion Ratio Lower Upper
95 100
174 78.1 0.0 160.0
176 74.1 0.0 152.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.776 min Scan# 2406

Delta R.T. 0.000 min

Lab File: VV038906.D

Acq: 16 Jul 2025 14:07

Instrument :

MSVOA_V

ClientSampleId :

VV0716WBSD01

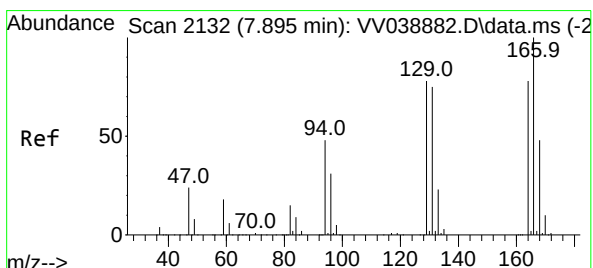
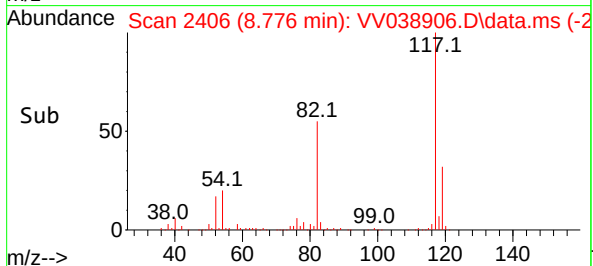
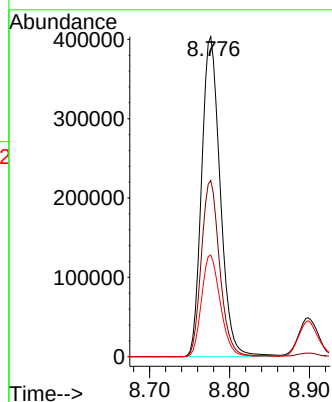
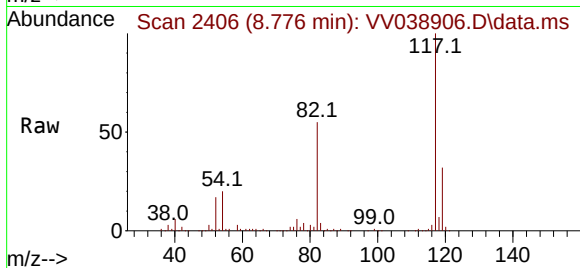
Tgt Ion:117 Resp: 654096

Ion Ratio Lower Upper

117 100

82 55.1 43.7 65.5

119 31.7 25.4 38.0



#64

Tetrachloroethene

Concen: 19.173 ug/l

RT: 7.899 min Scan# 2133

Delta R.T. 0.003 min

Lab File: VV038906.D

Acq: 16 Jul 2025 14:07

Tgt Ion:164 Resp: 82248

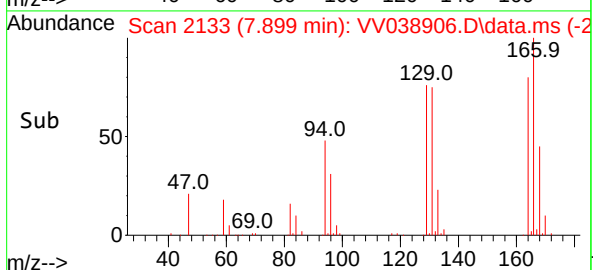
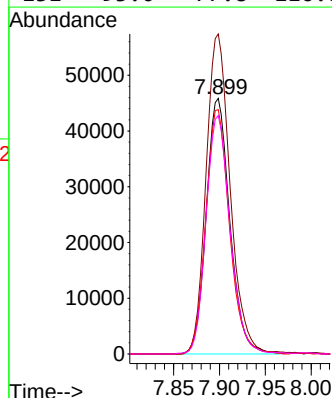
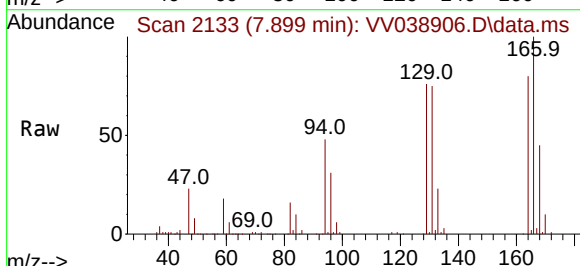
Ion Ratio Lower Upper

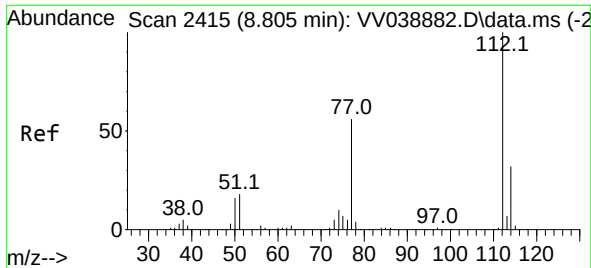
164 100

166 125.3 103.2 154.8

129 95.7 81.0 121.4

131 93.0 77.8 116.8

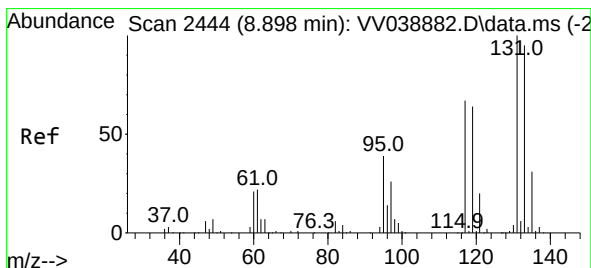
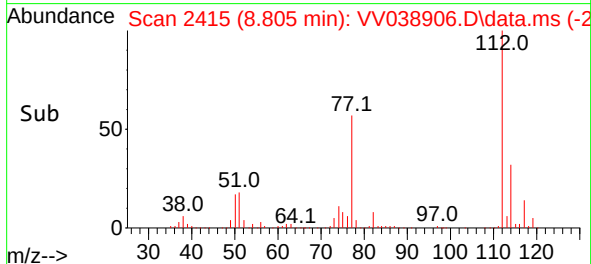
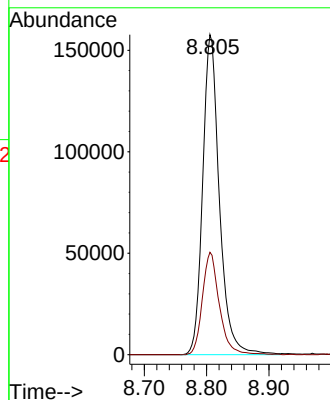
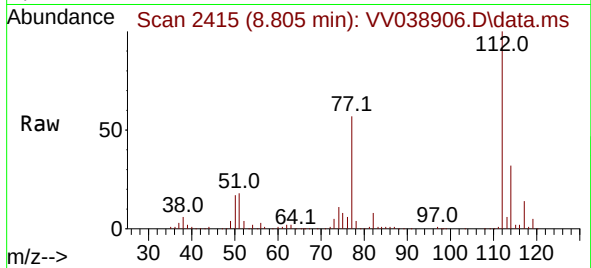




#65
Chlorobenzene
Concen: 20.562 ug/l
RT: 8.805 min Scan# 2415
Delta R.T. 0.000 min
Lab File: VV038906.D
Acq: 16 Jul 2025 14:07

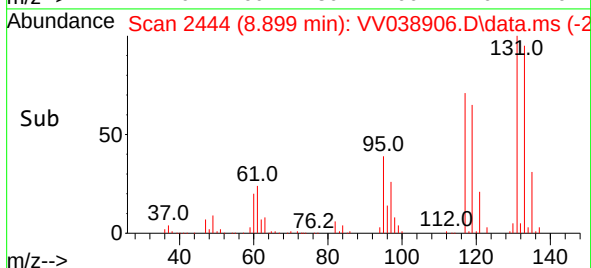
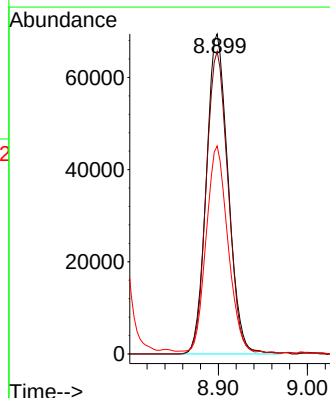
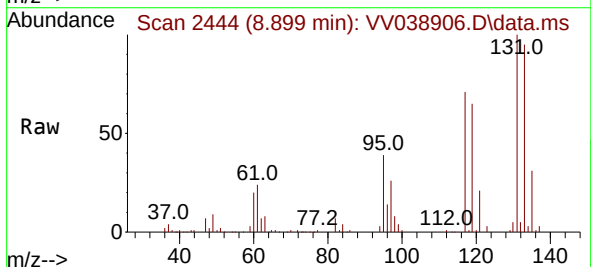
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBSD01

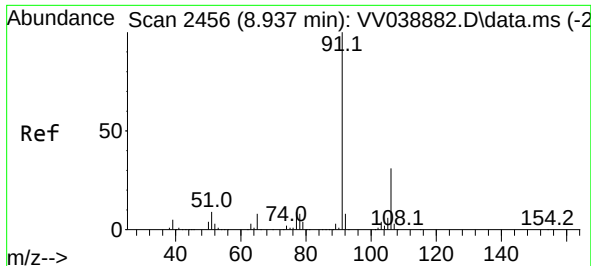
Tgt Ion:112 Resp: 293871
Ion Ratio Lower Upper
112 100
114 32.0 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.755 ug/l
RT: 8.899 min Scan# 2444
Delta R.T. 0.000 min
Lab File: VV038906.D
Acq: 16 Jul 2025 14:07

Tgt Ion:131 Resp: 118296
Ion Ratio Lower Upper
131 100
133 94.8 47.6 142.9
119 63.2 32.0 96.2





#67

Ethyl Benzene

Concen: 20.896 ug/l

RT: 8.937 min Scan# 2456

Delta R.T. 0.000 min

Lab File: VV038906.D

Acq: 16 Jul 2025 14:07

Instrument :

MSVOA_V

ClientSampleId :

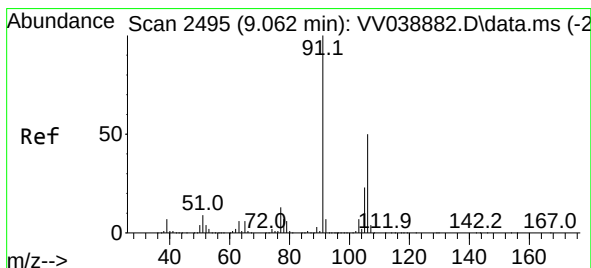
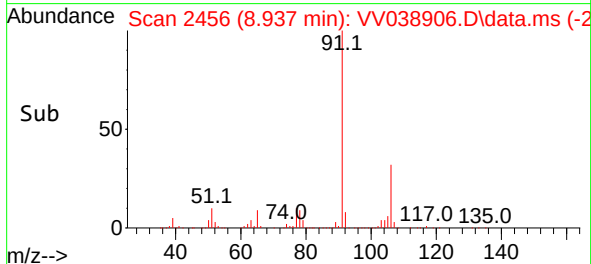
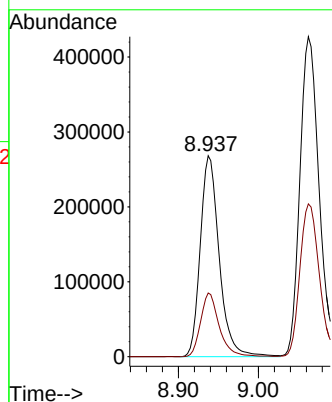
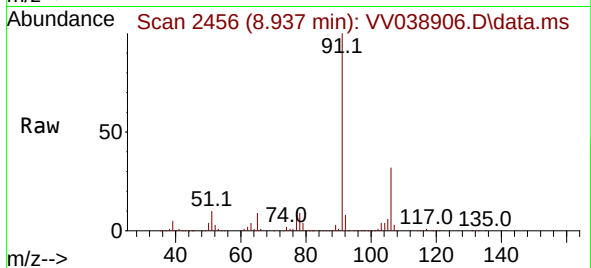
VV0716WBSD01

Tgt Ion: 91 Resp: 443449

Ion Ratio Lower Upper

91 100

106 31.7 24.8 37.2



#68

m/p-Xylenes

Concen: 42.096 ug/l

RT: 9.063 min Scan# 2495

Delta R.T. 0.000 min

Lab File: VV038906.D

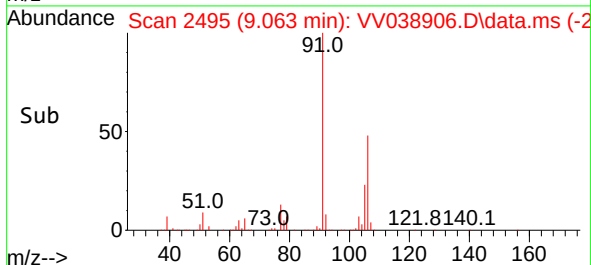
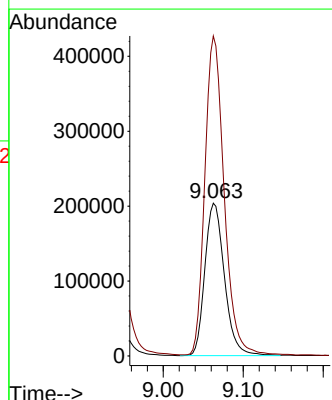
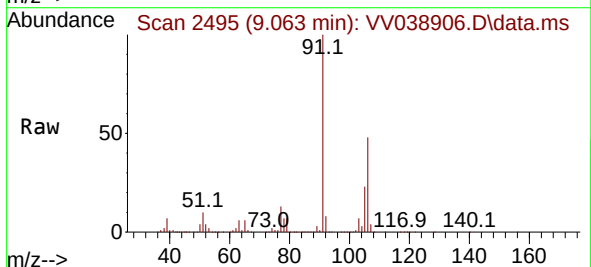
Acq: 16 Jul 2025 14:07

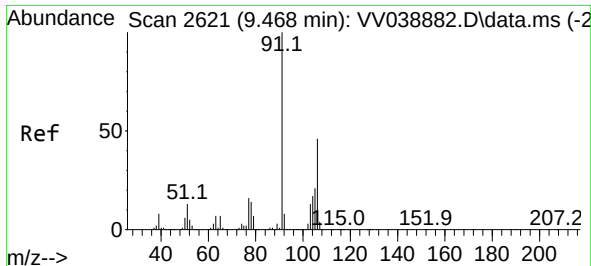
Tgt Ion: 106 Resp: 347818

Ion Ratio Lower Upper

106 100

91 206.1 161.0 241.6

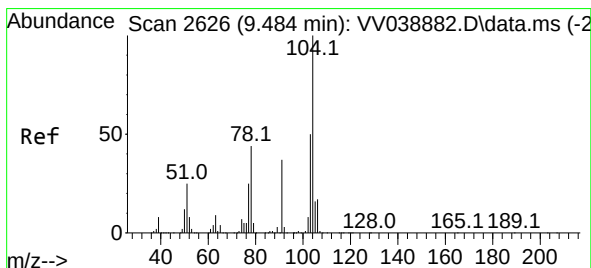
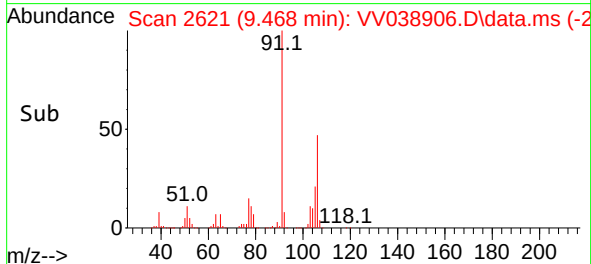
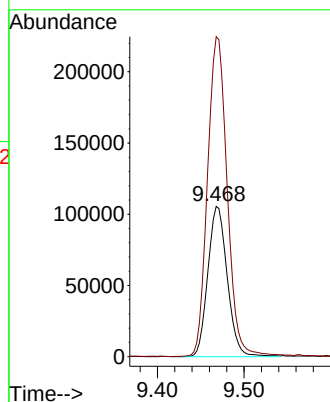
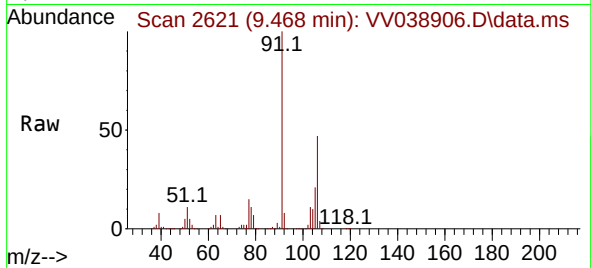




#69
o-Xylene
Concen: 21.083 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV038906.D
Acq: 16 Jul 2025 14:07

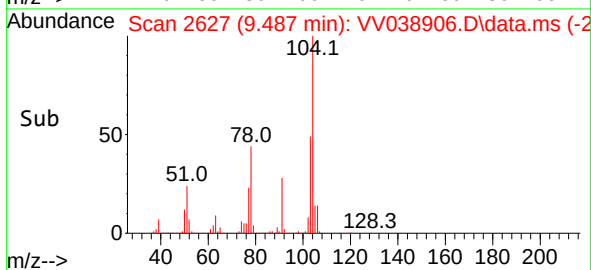
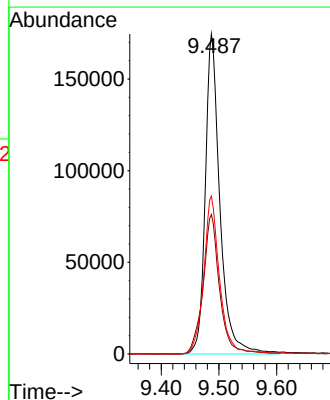
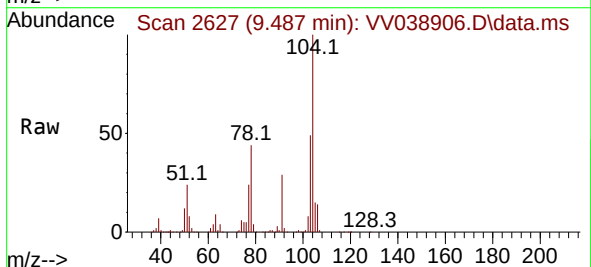
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBSD01

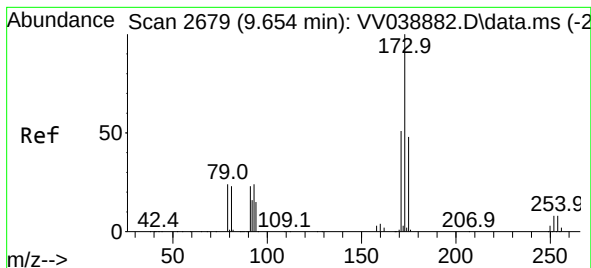
Tgt Ion:106 Resp: 164413
Ion Ratio Lower Upper
106 100
91 216.1 108.9 326.6



#70
Styrene
Concen: 22.299 ug/l
RT: 9.487 min Scan# 2627
Delta R.T. 0.003 min
Lab File: VV038906.D
Acq: 16 Jul 2025 14:07

Tgt Ion:104 Resp: 307354
Ion Ratio Lower Upper
104 100
78 49.0 39.9 59.9
103 53.0 43.4 65.2





#71

Bromoform

Concen: 21.406 ug/l

RT: 9.654 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV038906.D

Acq: 16 Jul 2025 14:07

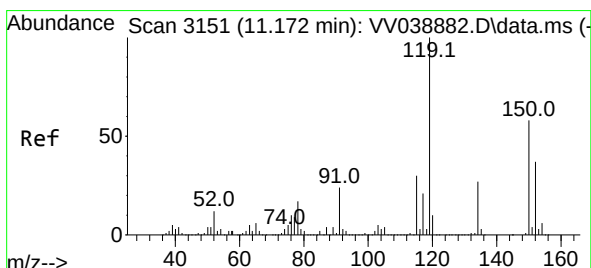
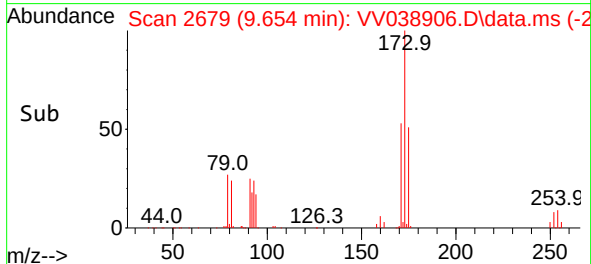
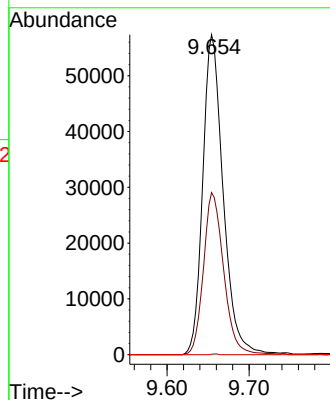
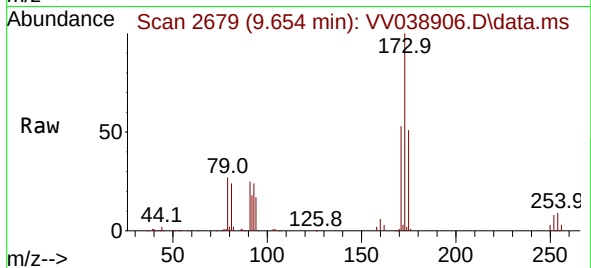
Instrument :

MSVOA_V

ClientSampleId :

VV0716WBSD01

Tgt Ion:173 Resp: 99170
 Ion Ratio Lower Upper
 173 100
 175 50.1 23.5 70.6
 254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

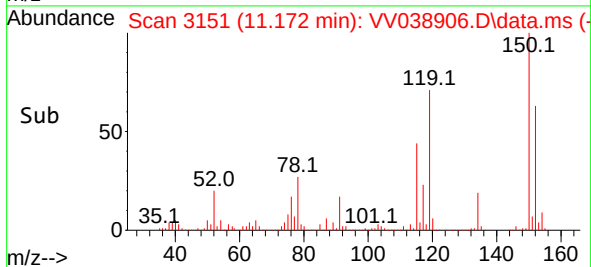
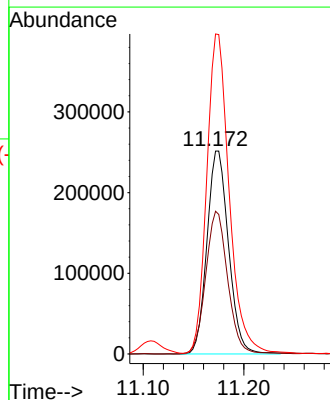
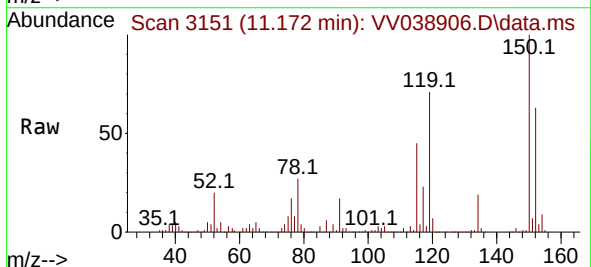
RT: 11.172 min Scan# 3151

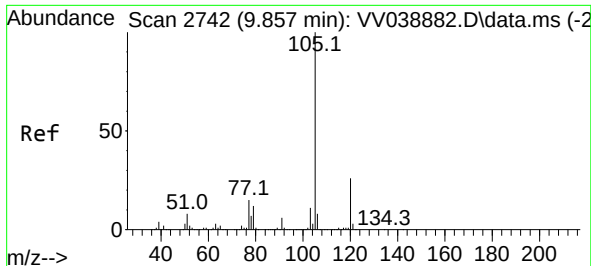
Delta R.T. 0.000 min

Lab File: VV038906.D

Acq: 16 Jul 2025 14:07

Tgt Ion:152 Resp: 375744
 Ion Ratio Lower Upper
 152 100
 115 71.6 41.8 125.4
 150 163.7 0.0 342.4

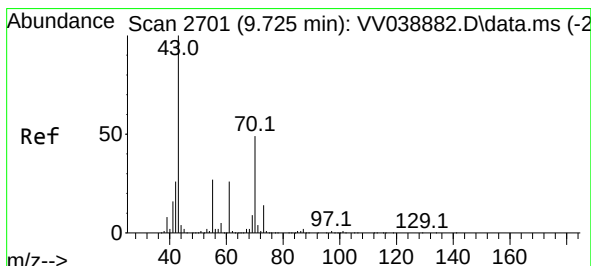
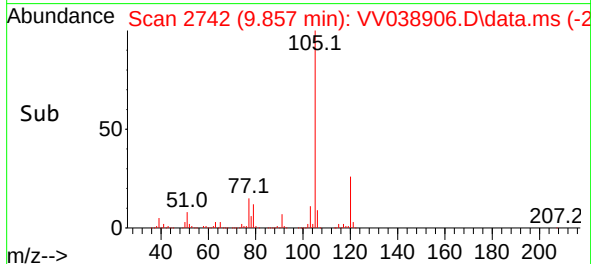
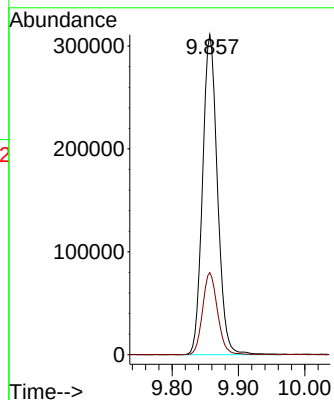
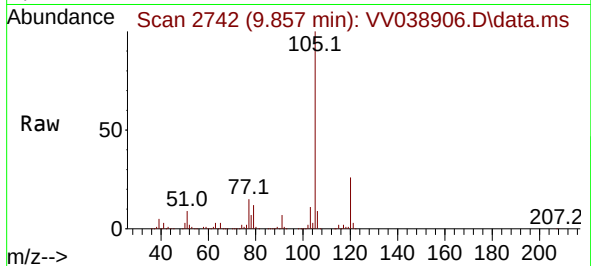




#73
Isopropylbenzene
Concen: 21.607 ug/l
RT: 9.857 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038906.D
Acq: 16 Jul 2025 14:07

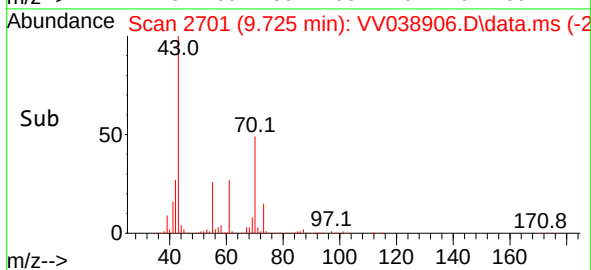
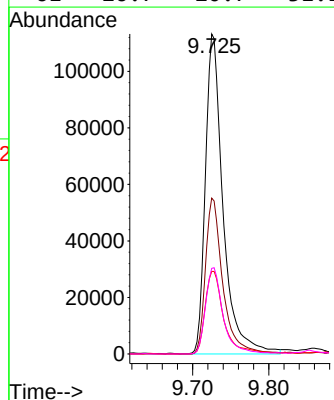
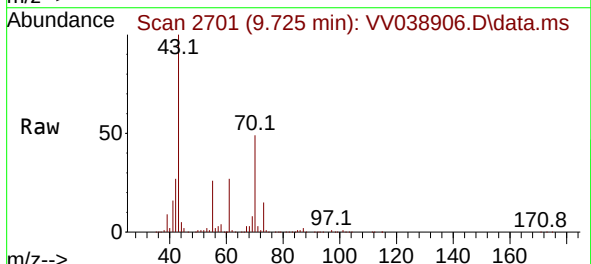
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBSD01

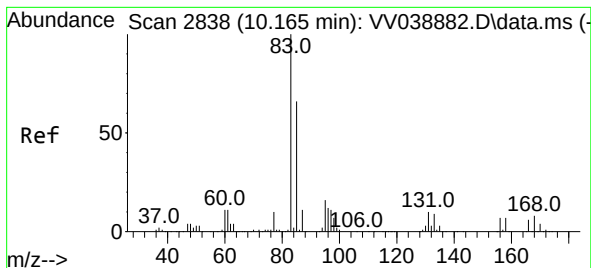
Tgt Ion:105 Resp: 485110
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.7



#74
N-ethyl acetate
Concen: 22.325 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. 0.000 min
Lab File: VV038906.D
Acq: 16 Jul 2025 14:07

Tgt Ion: 43 Resp: 183607
Ion Ratio Lower Upper
43 100
70 47.8 38.6 58.0
55 27.1 21.8 32.8
61 26.7 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 22.380 ug/l

RT: 10.165 min Scan# 2838

Delta R.T. 0.000 min

Lab File: VV038906.D

Acq: 16 Jul 2025 14:07

Instrument :

MSVOA_V

ClientSampleId :

VV0716WBSD01

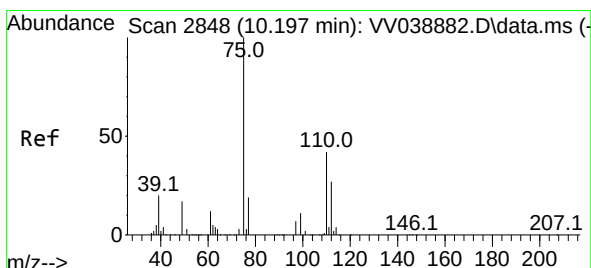
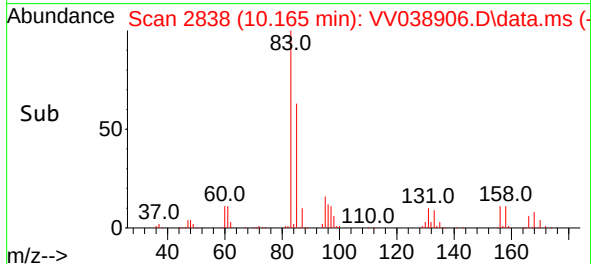
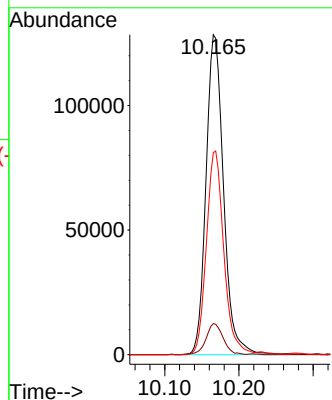
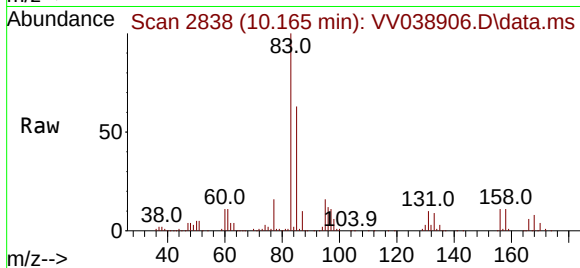
Tgt Ion: 83 Resp: 210461

Ion Ratio Lower Upper

83 100

131 9.5 5.1 15.4

85 63.1 32.6 97.7



#76

1,2,3-Trichloropropane

Concen: 20.957 ug/l

RT: 10.198 min Scan# 2848

Delta R.T. 0.000 min

Lab File: VV038906.D

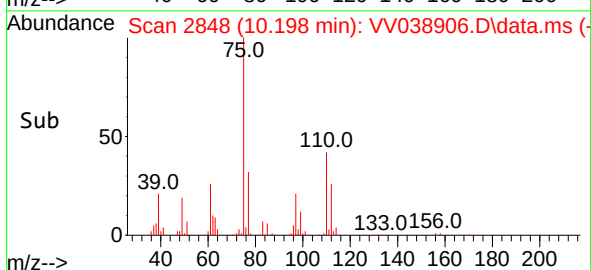
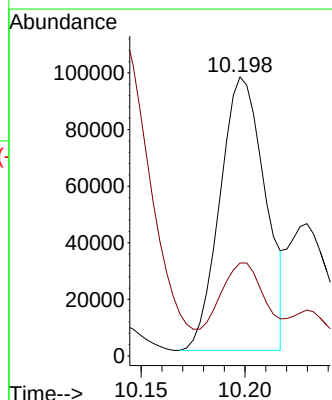
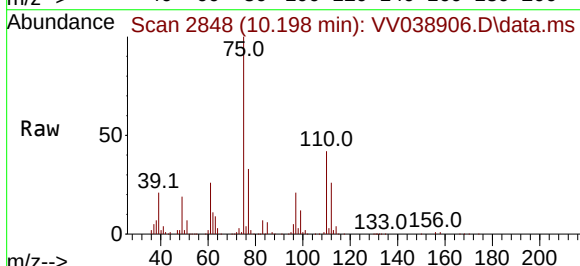
Acq: 16 Jul 2025 14:07

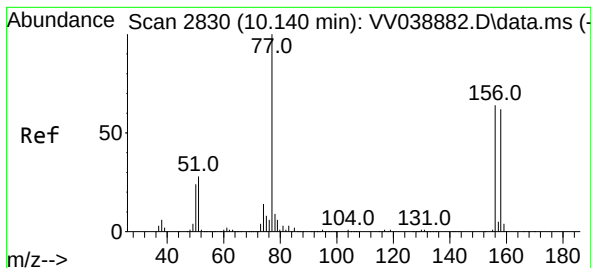
Tgt Ion: 75 Resp: 146404

Ion Ratio Lower Upper

75 100

77 21.9 17.4 52.3





#77

Bromobenzene

Concen: 20.780 ug/l

RT: 10.143 min Scan# 2831

Delta R.T. 0.003 min

Lab File: VV038906.D

Acq: 16 Jul 2025 14:07

Instrument :

MSVOA_V

ClientSampleId :

VV0716WBSD01

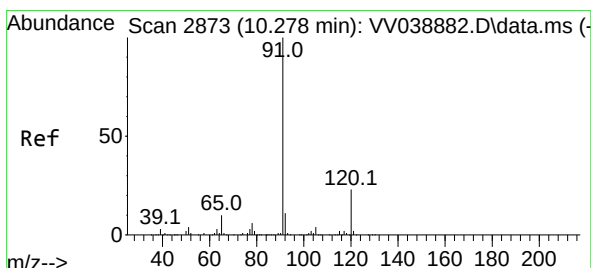
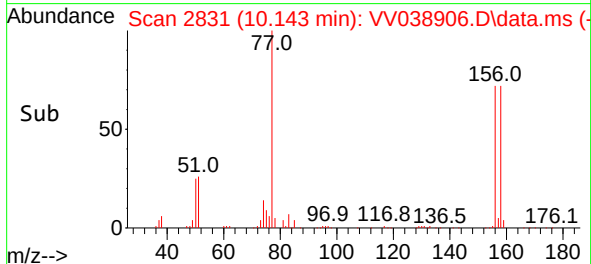
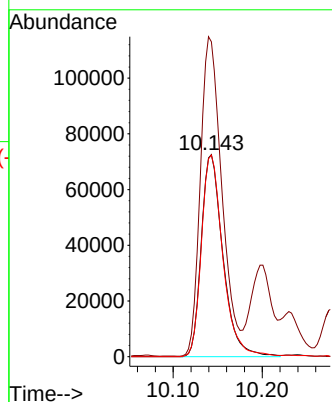
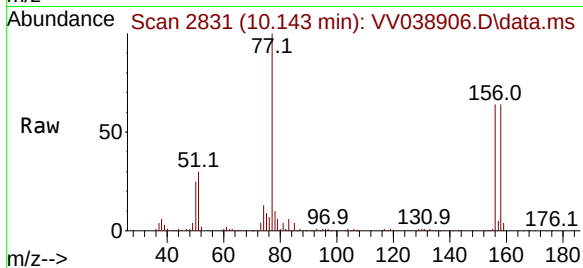
Tgt Ion:156 Resp: 122382

Ion Ratio Lower Upper

156 100

77 156.0 77.2 231.6

158 99.3 48.4 145.3



#78

n-propylbenzene

Concen: 21.391 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. 0.000 min

Lab File: VV038906.D

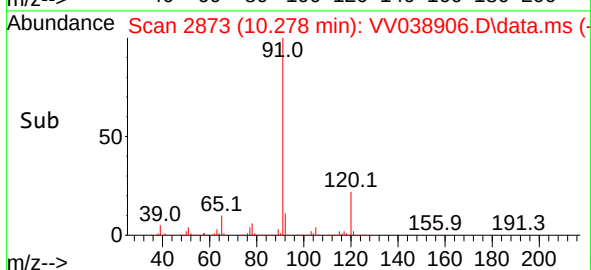
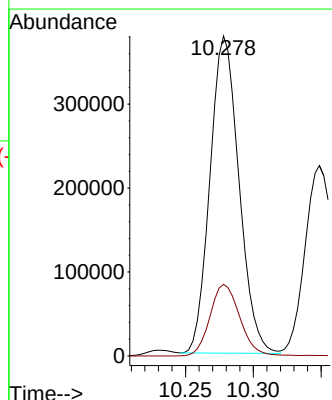
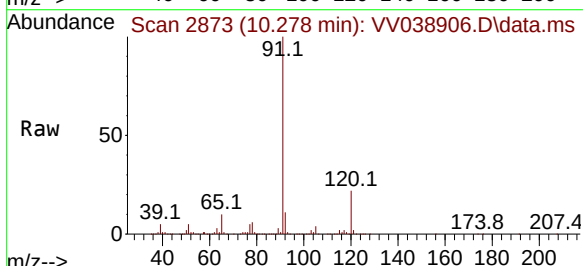
Acq: 16 Jul 2025 14:07

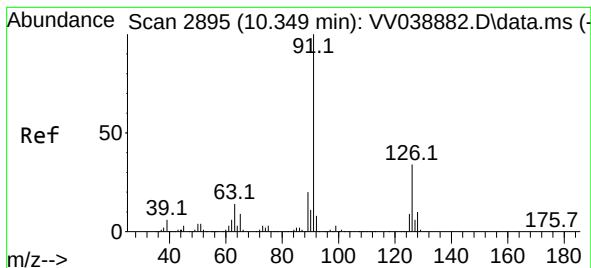
Tgt Ion: 91 Resp: 561298

Ion Ratio Lower Upper

91 100

120 23.3 11.6 34.8





#79

2-Chlorotoluene

Concen: 21.279 ug/l

RT: 10.349 min Scan# 2895

Delta R.T. 0.000 min

Lab File: VV038906.D

Acq: 16 Jul 2025 14:07

Instrument :

MSVOA_V

ClientSampleId :

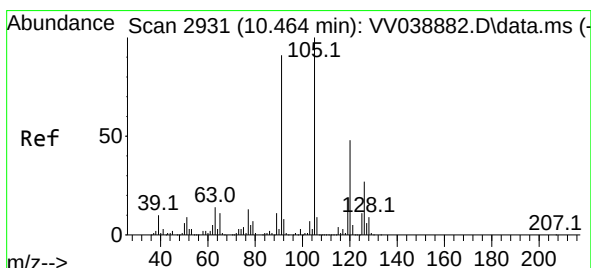
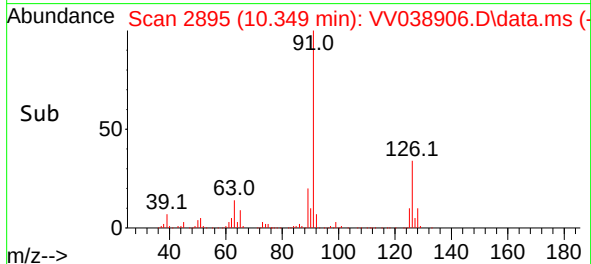
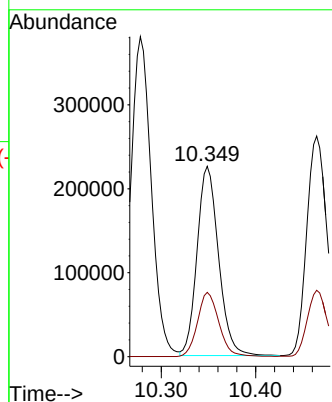
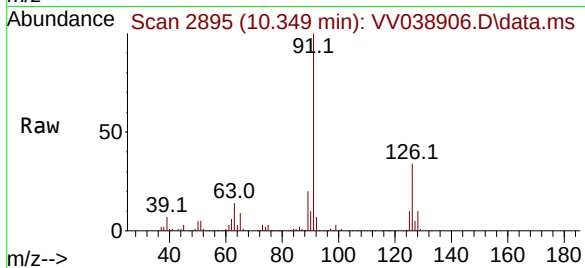
VV0716WBSD01

Tgt Ion: 91 Resp: 355096

Ion Ratio Lower Upper

91 100

126 33.9 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 22.003 ug/l

RT: 10.464 min Scan# 2931

Delta R.T. 0.000 min

Lab File: VV038906.D

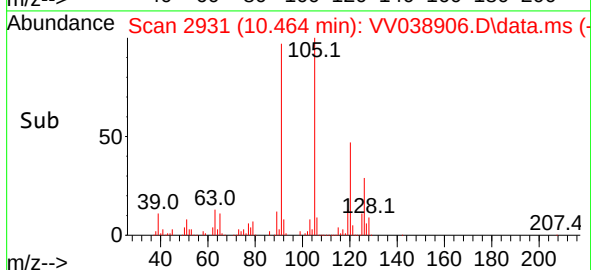
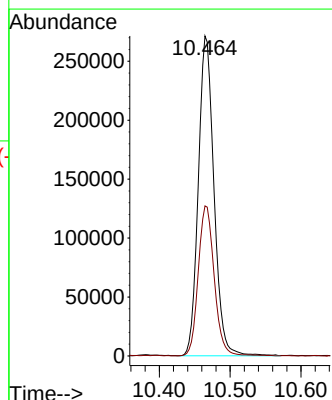
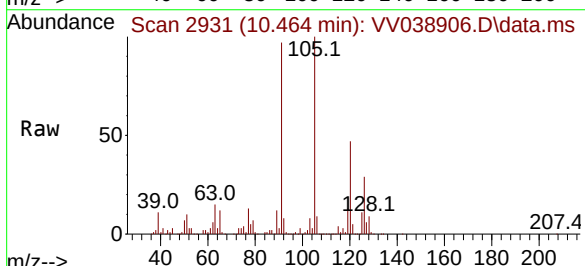
Acq: 16 Jul 2025 14:07

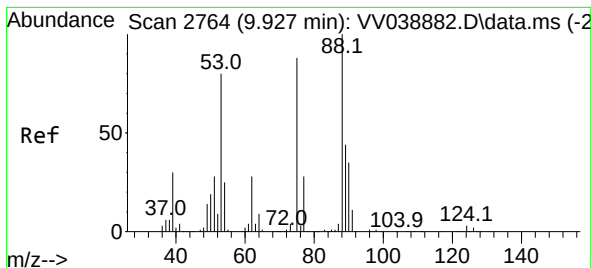
Tgt Ion: 105 Resp: 416586

Ion Ratio Lower Upper

105 100

120 47.9 24.0 72.0





#81

trans-1,4-Dichloro-2-butene

Concen: 21.912 ug/l

RT: 9.931 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV038906.D

Acq: 16 Jul 2025 14:07

Instrument :

MSVOA_V

ClientSampleId :

VV0716WBSD01

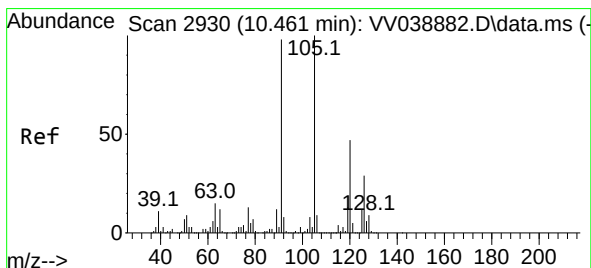
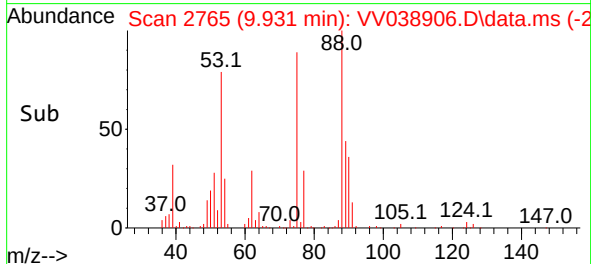
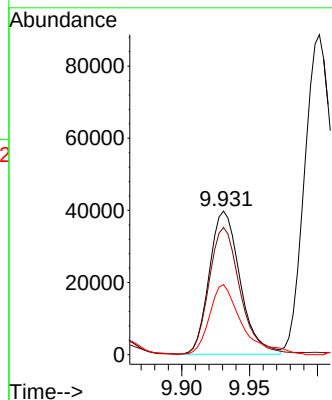
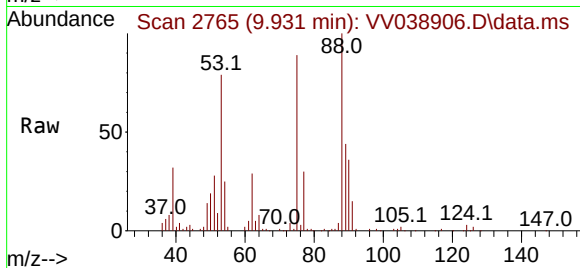
Tgt Ion: 75 Resp: 62728

Ion Ratio Lower Upper

75 100

53 89.3 71.3 106.9

89 51.7 42.2 63.2



#82

4-Chlorotoluene

Concen: 22.122 ug/l

RT: 10.464 min Scan# 2931

Delta R.T. 0.003 min

Lab File: VV038906.D

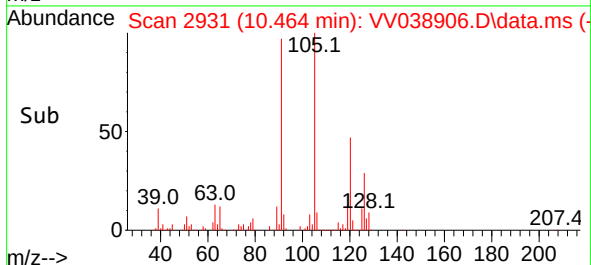
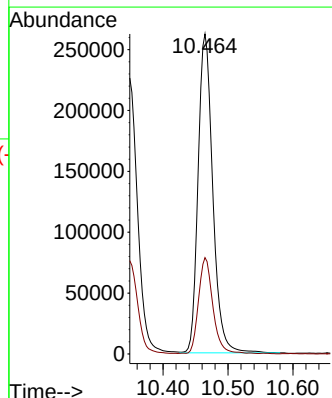
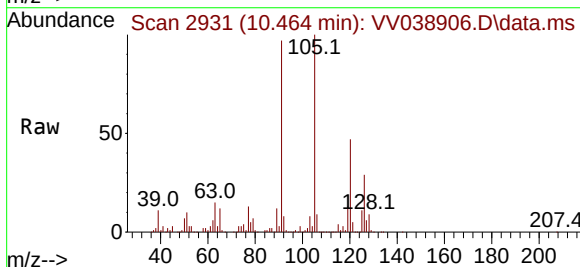
Acq: 16 Jul 2025 14:07

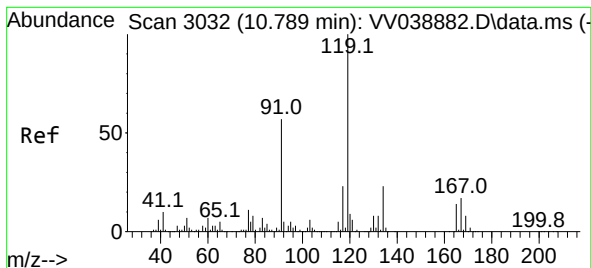
Tgt Ion: 91 Resp: 412654

Ion Ratio Lower Upper

91 100

126 29.3 14.9 44.9





#83

tert-Butylbenzene

Concen: 20.985 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV038906.D

Acq: 16 Jul 2025 14:07

Instrument :

MSVOA_V

ClientSampleId :

VV0716WBSD01

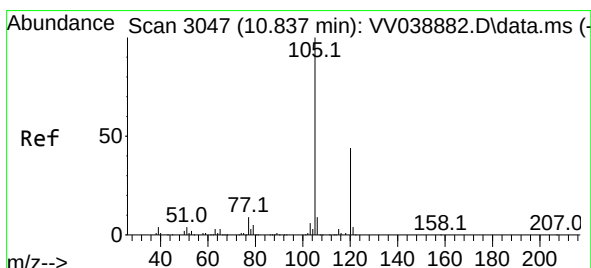
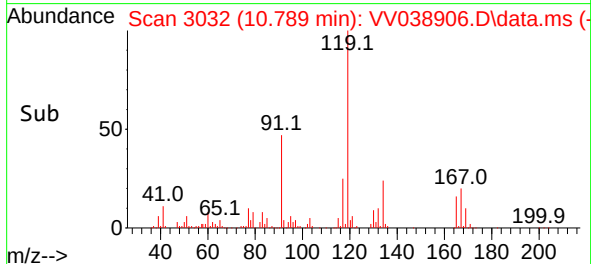
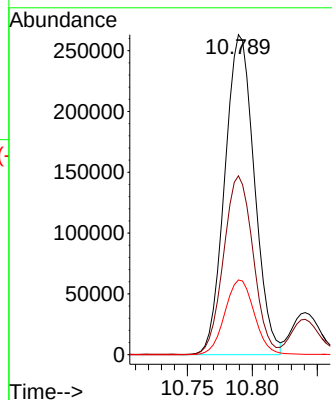
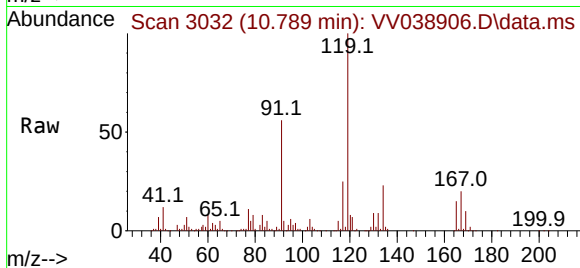
Tgt Ion:119 Resp: 416553

Ion Ratio Lower Upper

119 100

91 55.6 28.1 84.2

134 23.4 11.4 34.1



#84

1,2,4-Trimethylbenzene

Concen: 21.705 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VV038906.D

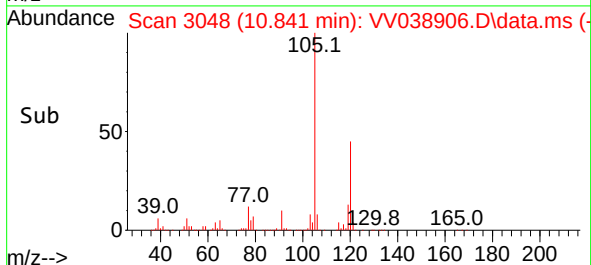
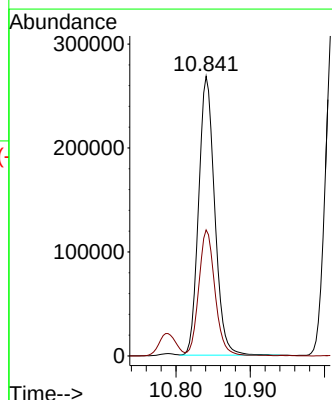
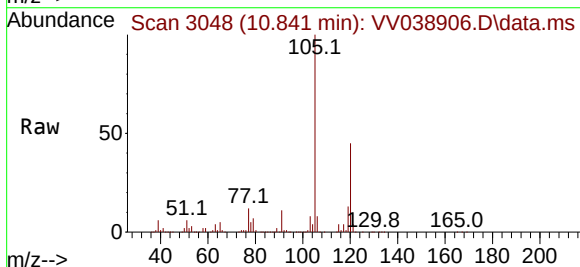
Acq: 16 Jul 2025 14:07

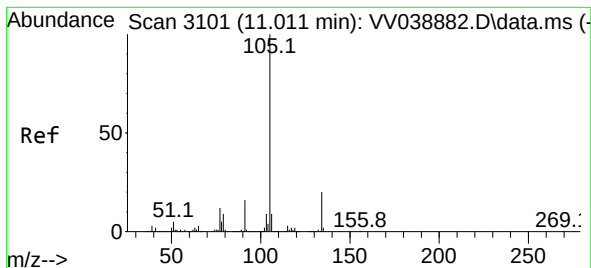
Tgt Ion:105 Resp: 404358

Ion Ratio Lower Upper

105 100

120 45.1 22.6 67.8





#85

sec-Butylbenzene

Concen: 21.539 ug/l

RT: 11.014 min Scan# 3101

Delta R.T. 0.003 min

Lab File: VV038906.D

Acq: 16 Jul 2025 14:07

Instrument :

MSVOA_V

ClientSampleId :

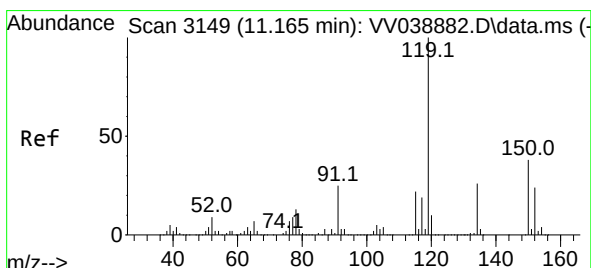
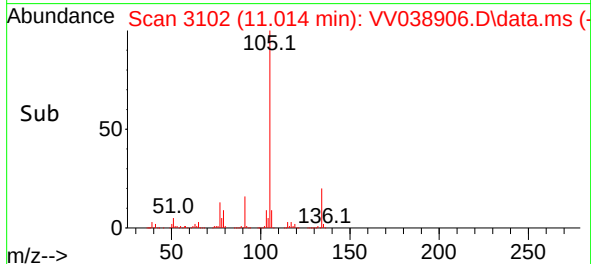
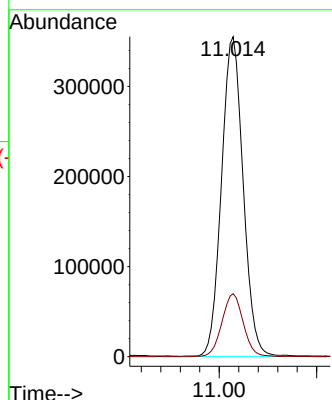
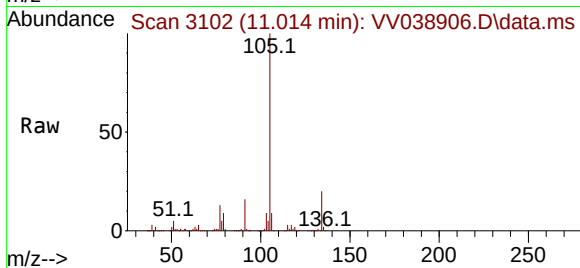
VV0716WBSD01

Tgt Ion:105 Resp: 545683

Ion Ratio Lower Upper

105 100

134 19.5 9.9 29.7



#86

p-Isopropyltoluene

Concen: 21.480 ug/l

RT: 11.169 min Scan# 3150

Delta R.T. 0.003 min

Lab File: VV038906.D

Acq: 16 Jul 2025 14:07

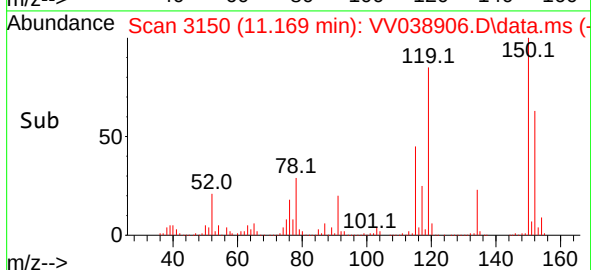
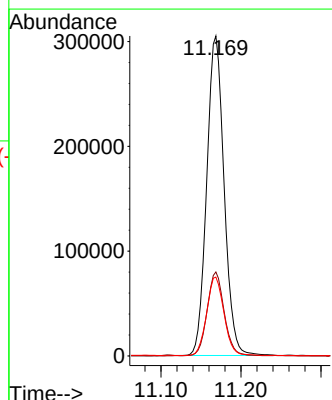
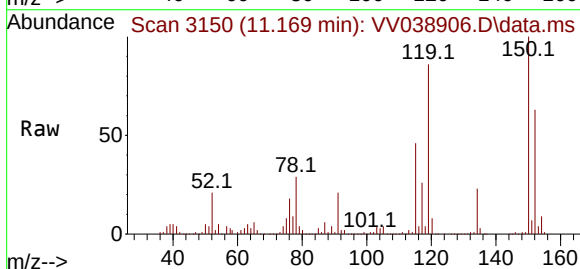
Tgt Ion:119 Resp: 462023

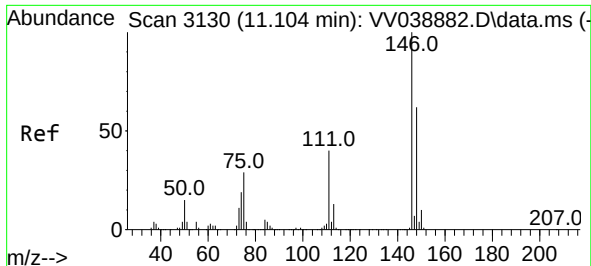
Ion Ratio Lower Upper

119 100

134 25.6 13.1 39.3

91 24.4 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 20.921 ug/l

RT: 11.108 min Scan# 3131

Delta R.T. 0.003 min

Lab File: VV038906.D

Acq: 16 Jul 2025 14:07

Instrument :

MSVOA_V

ClientSampleId :

VV0716WBSD01

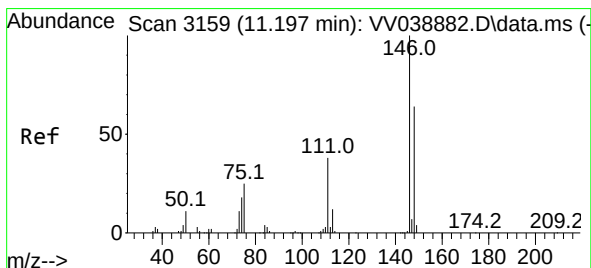
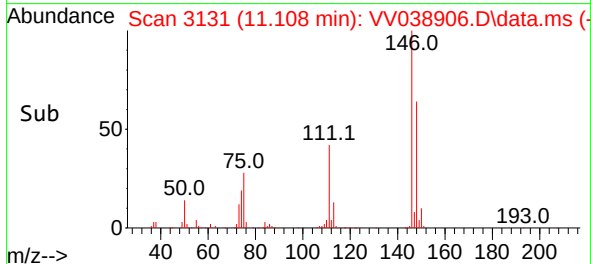
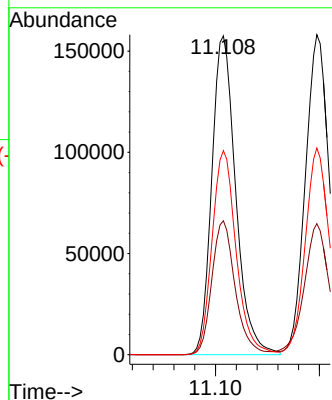
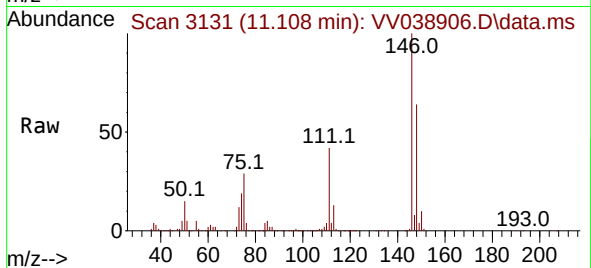
Tgt Ion:146 Resp: 251489

Ion Ratio Lower Upper

146 100

111 41.2 20.2 60.5

148 64.5 31.4 94.3



#88

1,4-Dichlorobenzene

Concen: 20.143 ug/l

RT: 11.198 min Scan# 3159

Delta R.T. 0.000 min

Lab File: VV038906.D

Acq: 16 Jul 2025 14:07

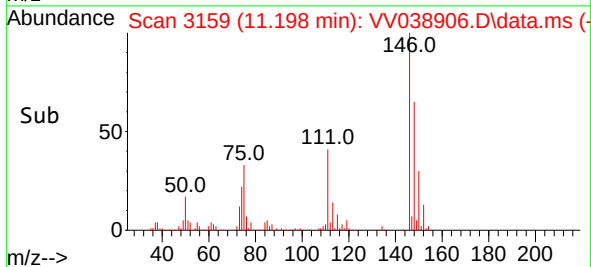
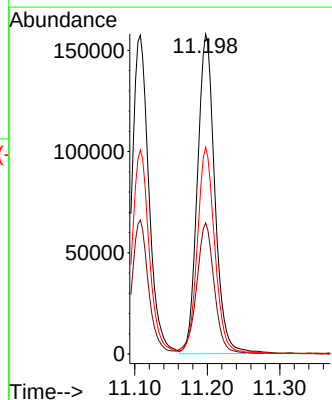
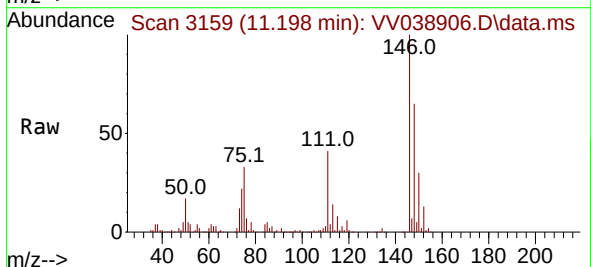
Tgt Ion:146 Resp: 263405

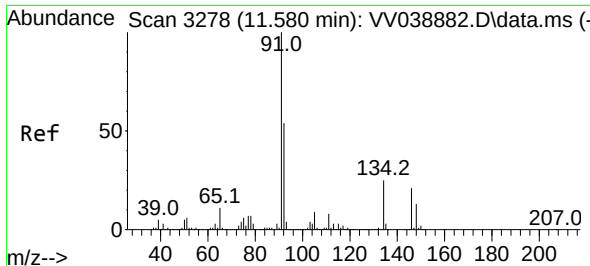
Ion Ratio Lower Upper

146 100

111 41.4 19.8 59.3

148 63.7 32.1 96.5

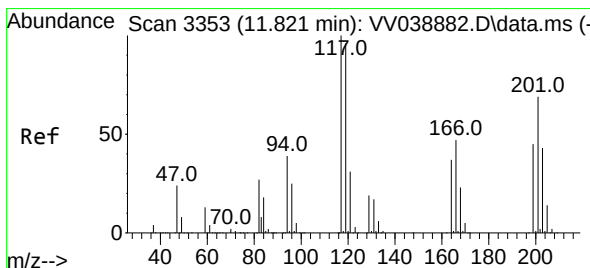
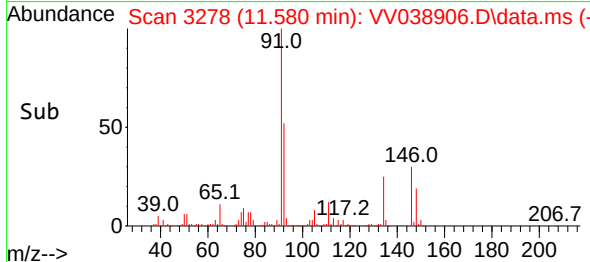
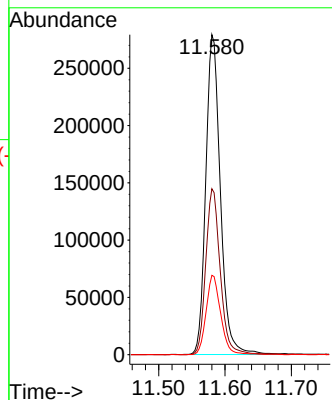
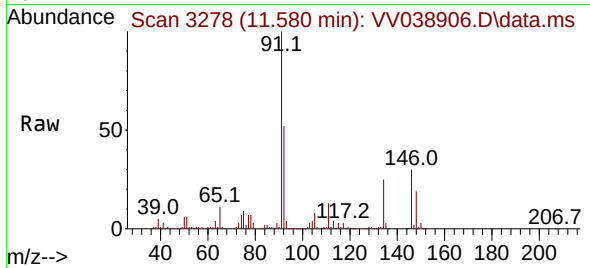




#89
n-Butylbenzene
Concen: 21.749 ug/l
RT: 11.580 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV038906.D
Acq: 16 Jul 2025 14:07

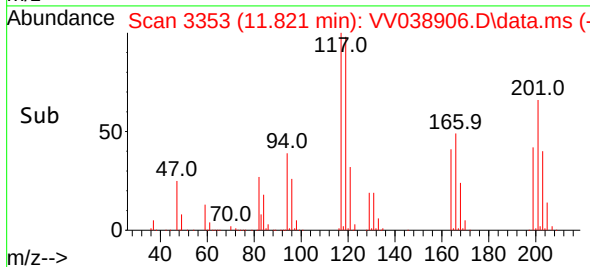
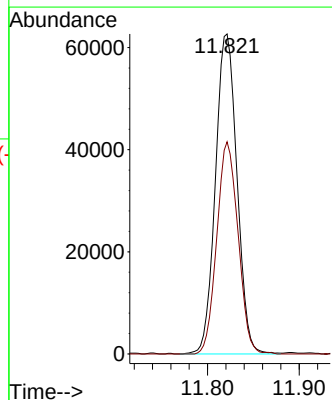
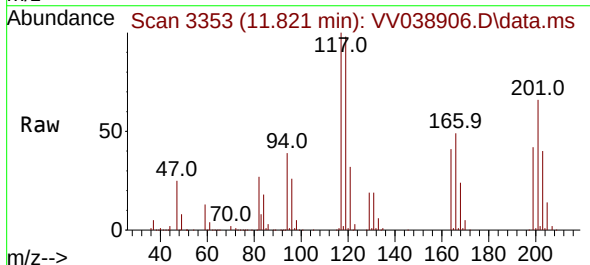
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBSD01

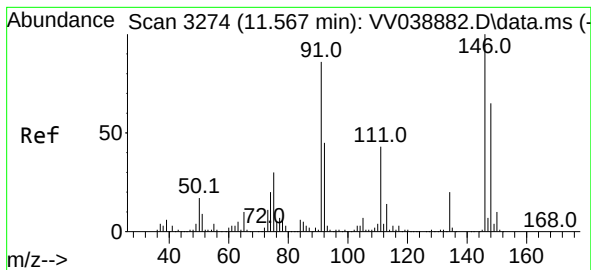
Tgt Ion: 91 Resp: 427067
Ion Ratio Lower Upper
91 100
92 51.7 26.7 80.1
134 24.8 12.7 38.1



#90
Hexachloroethane
Concen: 20.009 ug/l
RT: 11.821 min Scan# 3353
Delta R.T. 0.000 min
Lab File: VV038906.D
Acq: 16 Jul 2025 14:07

Tgt Ion: 117 Resp: 102365
Ion Ratio Lower Upper
117 100
201 65.5 34.0 102.0





#91

1,2-Dichlorobenzene

Concen: 20.574 ug/l

RT: 11.567 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038906.D

Acq: 16 Jul 2025 14:07

Instrument :

MSVOA_V

ClientSampleId :

VV0716WBSD01

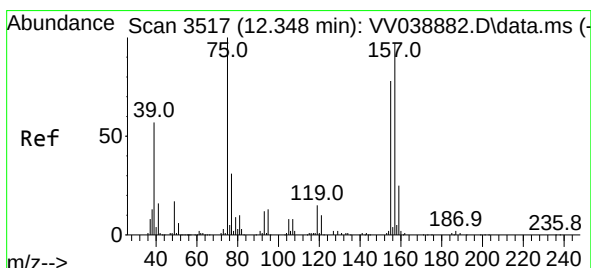
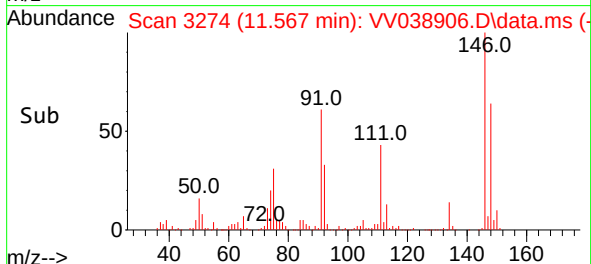
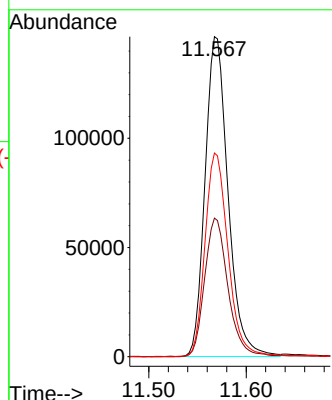
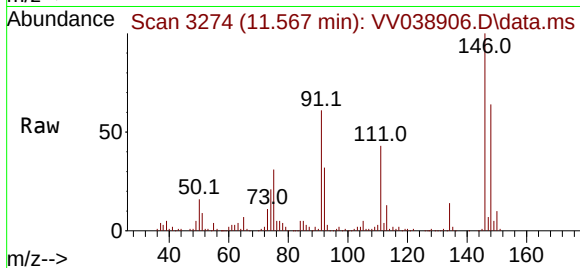
Tgt Ion:146 Resp: 240091

Ion Ratio Lower Upper

146 100

111 44.0 21.4 64.3

148 64.0 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.480 ug/l

RT: 12.352 min Scan# 3518

Delta R.T. 0.003 min

Lab File: VV038906.D

Acq: 16 Jul 2025 14:07

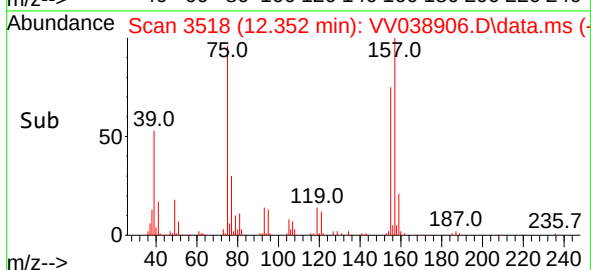
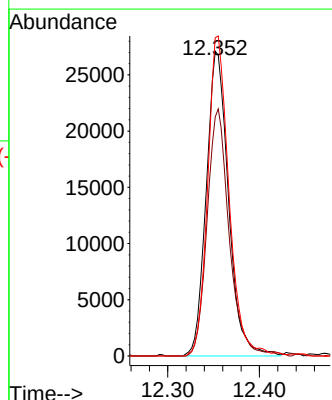
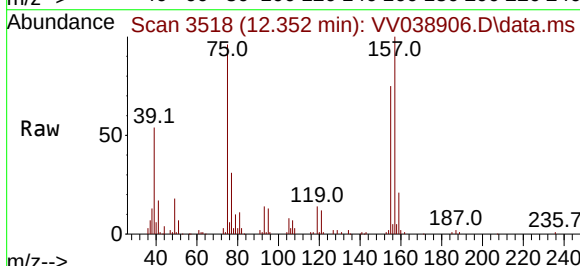
Tgt Ion: 75 Resp: 45669

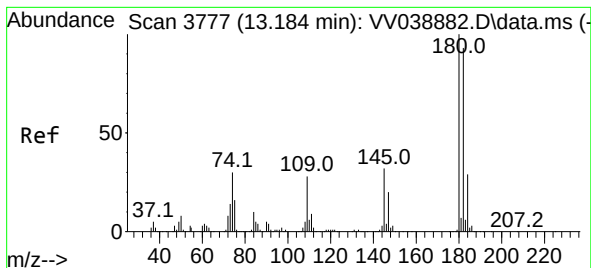
Ion Ratio Lower Upper

75 100

155 79.8 40.2 120.6

157 101.0 51.1 153.3





#93

1,2,4-Trichlorobenzene

Concen: 21.510 ug/l

RT: 13.188 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV038906.D

Acq: 16 Jul 2025 14:07

Instrument :

MSVOA_V

ClientSampleId :

VV0716WBSD01

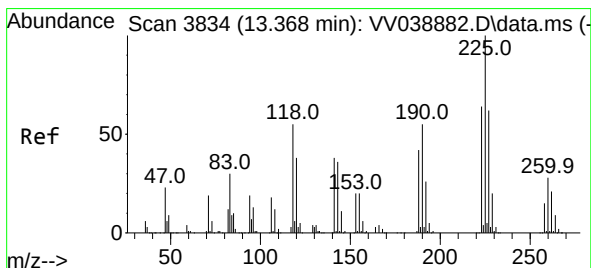
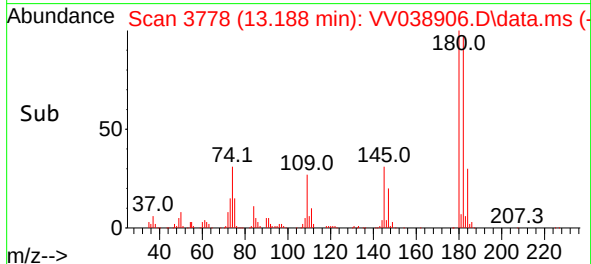
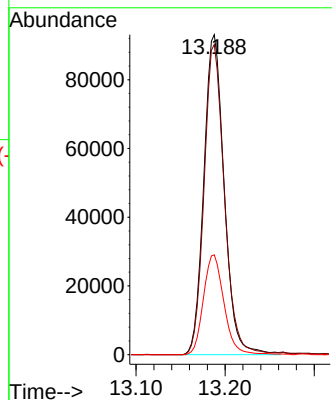
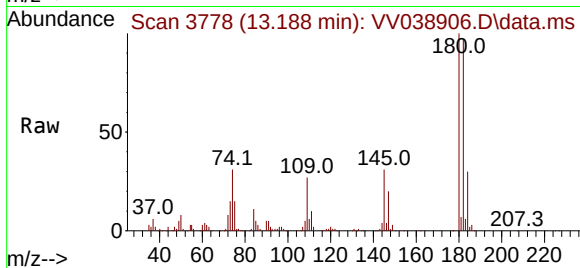
Tgt Ion:180 Resp: 148167

Ion Ratio Lower Upper

180 100

182 96.2 47.4 142.3

145 31.4 16.2 48.6



#94

Hexachlorobutadiene

Concen: 19.970 ug/l

RT: 13.371 min Scan# 3835

Delta R.T. 0.003 min

Lab File: VV038906.D

Acq: 16 Jul 2025 14:07

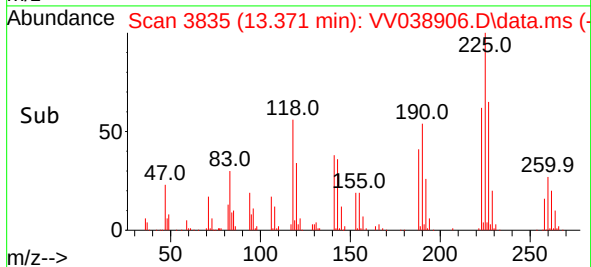
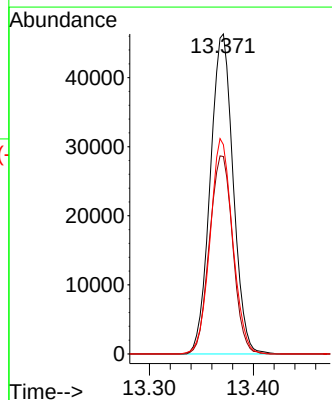
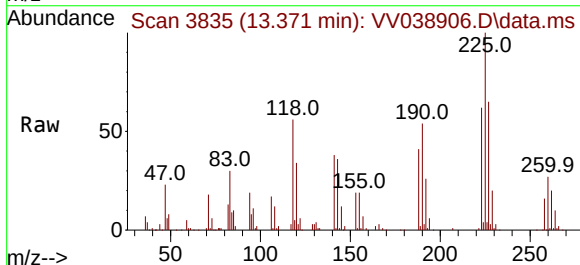
Tgt Ion:225 Resp: 70841

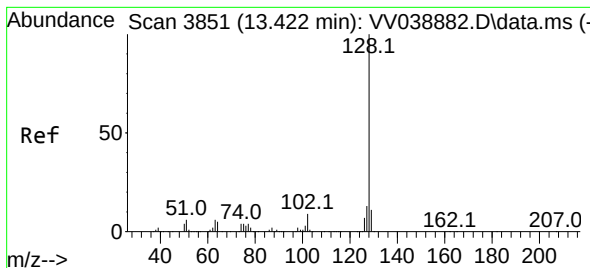
Ion Ratio Lower Upper

225 100

223 62.8 32.4 97.2

227 66.1 31.3 93.9





#95

Naphthalene

Concen: 21.670 ug/l

RT: 13.426 min Scan# 3851

Delta R.T. 0.003 min

Lab File: VV038906.D

Acq: 16 Jul 2025 14:07

Instrument :

MSVOA_V

ClientSampleId :

VV0716WBSD01

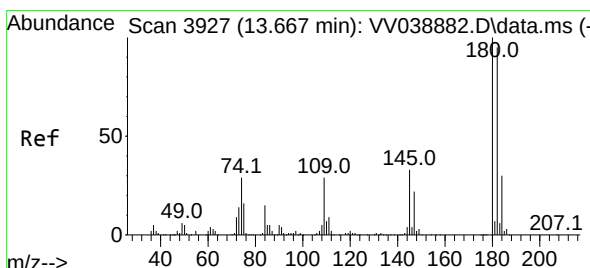
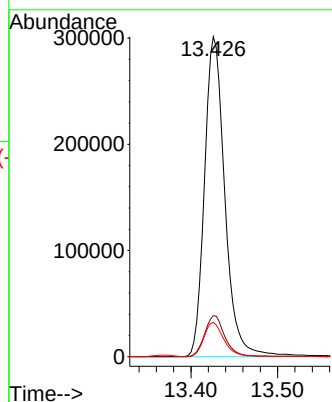
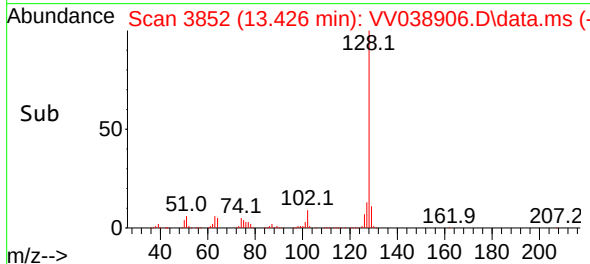
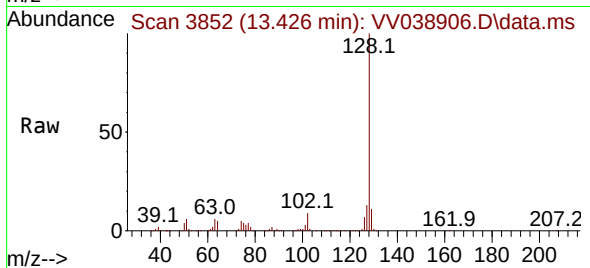
Tgt Ion:128 Resp: 490443

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 10.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.926 ug/l

RT: 13.667 min Scan# 3927

Delta R.T. 0.000 min

Lab File: VV038906.D

Acq: 16 Jul 2025 14:07

Tgt Ion:180 Resp: 156550

Ion Ratio Lower Upper

180 100

182 95.3 47.0 141.2

145 34.1 17.0 51.0

