

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
 Data File : VW031797.D
 Acq On : 10 Jul 2025 13:03
 Operator : SY/MD
 Sample : Q2480-06
 Misc : 5.51g/5mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GPX6

Quant Time: Jul 11 02:19:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:35:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	179251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	363855	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	322565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	190018	50.000	ug/l	# 0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.325	65	123670	48.075	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	96.140%
35) Dibromofluoromethane	7.898	113	113976	48.004	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	96.000%
50) Toluene-d8	10.325	98	966069	109.336	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	218.680%#
62) 4-Bromofluorobenzene	12.611	95	465295	143.098	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	286.200%#

Target Compounds

						Qvalue
11) Tert butyl alcohol	5.210	59	197	1.236	ug/l #	69
13) Acrolein	4.155	56	11729	40.947	ug/l #	67
15) Acrylonitrile	5.466	53	27580	42.013	ug/l #	41
16) Acetone	4.155	43	50452	79.348	ug/l #	71
17) Carbon Disulfide	4.423	76	9140	1.599	ug/l #	95
20) Methylene Chloride	4.960	84	20053	3.803	ug/l #	53
25) 2-Butanone	7.197	43	37213	44.987	ug/l #	55
26) 2,2-Dichloropropane	7.008	77	3489	1.443	ug/l #	52
29) Tetrahydrofuran	7.551	42	1651	2.914	ug/l #	31
30) Chloroform	7.648	83	73333	16.655	ug/l #	18
31) Cyclohexane	7.941	56	737443	201.332	ug/l #	45
37) Ethyl Acetate	7.197	43	37213	17.170	ug/l #	70
38) Carbon Tetrachloride	7.965	117	19981	5.707	ug/l #	17
39) Methylcyclohexane	9.343	83	1764184	412.709	ug/l #	80
40) Benzene	8.343	78	26996	2.656	ug/l	98
41) Methacrylonitrile	7.545	41	13307	11.461	ug/l #	53
42) 1,2-Dichloroethane	8.447	62	5986	1.743	ug/l #	1
43) Isopropyl Acetate	8.435	43	738144	197.575	ug/l #	53
45) 1,2-Dichloropropane	9.398	63	8094	3.295	ug/l #	1
46) Dibromomethane	9.422	93	7061	4.452	ug/l #	1
47) Bromodichloromethane	9.630	83	481784	129.535	ug/l #	29
48) Methyl methacrylate	9.477	41	92497	50.351	ug/l #	11
49) 1,4-Dioxane	9.343	88	26	1.400	ug/l #	1
51) 4-Methyl-2-Pentanone	10.258	43	230959	107.529	ug/l #	71
52) Toluene	10.392	92	54372	8.354	ug/l	92
55) 1,1,2-Trichloroethane	10.764	97	2623926	1262.932	ug/l #	23
56) Ethyl methacrylate	10.672	69	693779	246.136	ug/l #	16
58) 2-Chloroethyl Vinyl ether	9.953	63	4315	2.780	ug/l #	46
59) 2-Hexanone	10.940	43	2096590	1440.471	ug/l #	29
60) Dibromochloromethane	11.038	129	9377	3.774	ug/l	74
61) 1,2-Dibromoethane	11.203	107	15236	7.325	ug/l #	1
64) Tetrachloroethene	10.861	164	8669	4.109	ug/l #	88
65) Chlorobenzene	11.562	112	24044	3.378	ug/l #	45
67) Ethyl Benzene	11.733	91	1959994	158.820	ug/l	95
68) m/p-Xylenes	11.843	106	1401145	295.347	ug/l	100
69) o-Xylene	12.166	106	81479	18.550	ug/l	69

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

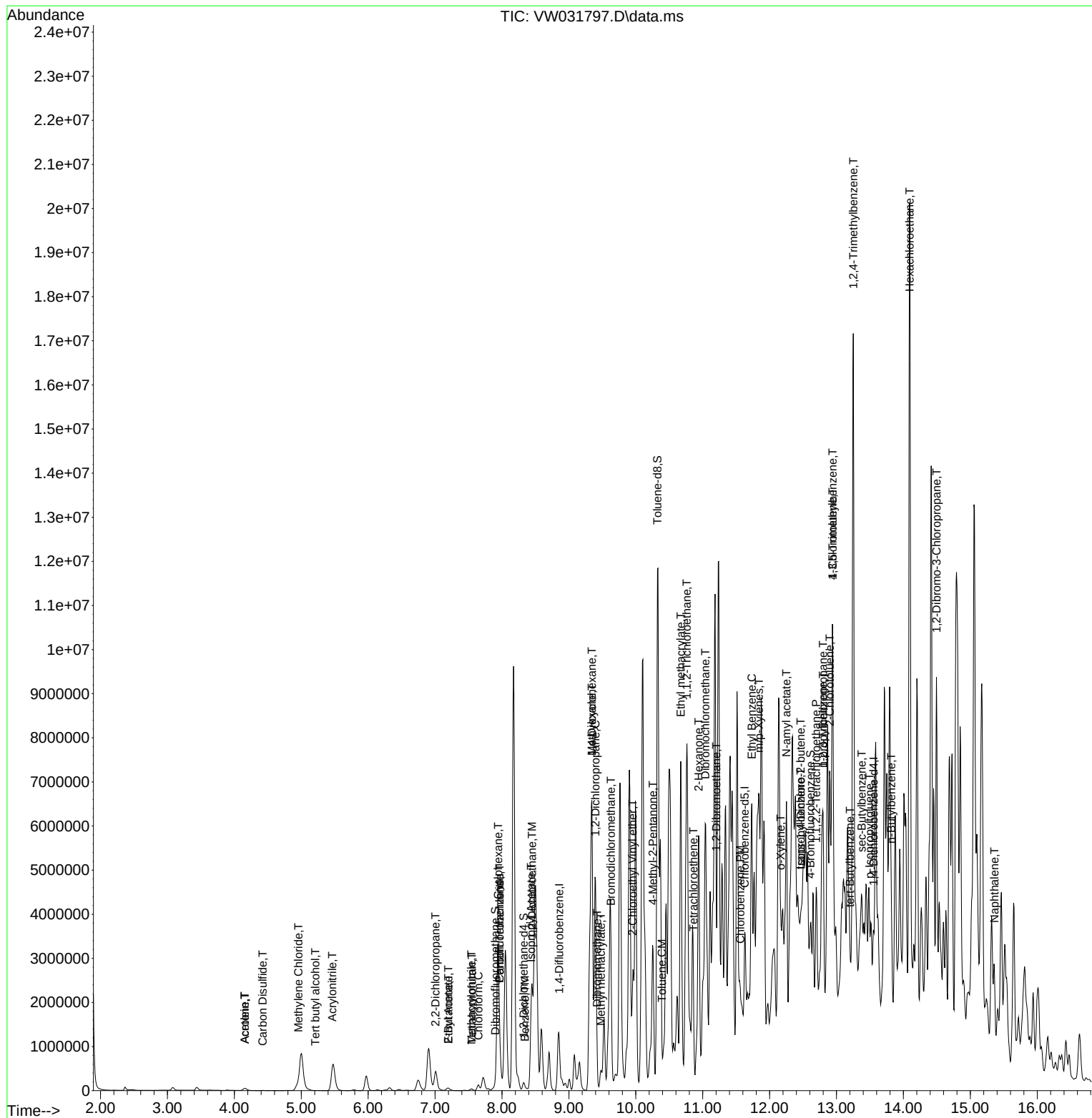
73) Isopropylbenzene	12.465	105	715293	49.488	ug/l	100
74) N-amyl acetate	12.251	43	973747	249.949	ug/l #	41
75) 1,1,2,2-Tetrachloroethane	12.696	83	87216	27.180	ug/l #	88
76) 1,2,3-Trichloropropane	12.800	75	16479	6.711	ug/l #	1
78) n-propylbenzene	12.800	91	2606277	150.581	ug/l	96
79) 2-Chlorotoluene	12.897	91	308100	29.561	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.940	105	2980928	249.155	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.465	75	8943	8.483	ug/l #	1
82) 4-Chlorotoluene	12.940	91	327495	29.929	ug/l #	50
83) tert-Butylbenzene	13.202	119	41423	4.042	ug/l #	56
84) 1,2,4-Trimethylbenzene	13.251	105	9034854	745.313	ug/l	98
85) sec-Butylbenzene	13.379	105	1105459	71.865	ug/l #	54
86) p-Isopropyltoluene	13.495	119	416601	32.862	ug/l	90
89) n-Butylbenzene	13.818	91	1748699	141.970	ug/l #	67
90) Hexachloroethane	14.092	117	912282	398.880	ug/l #	19
92) 1,2-Dibromo-3-Chloropr...	14.495	75	22806	36.399	ug/l #	12
95) Naphthalene	15.360	128	939389	105.146	ug/l	97

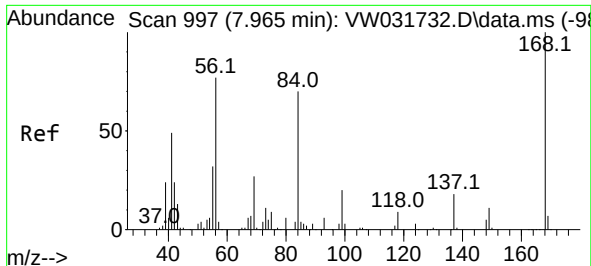
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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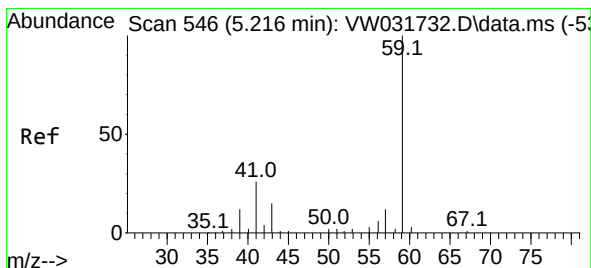
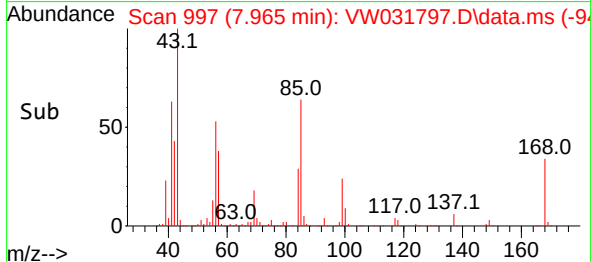
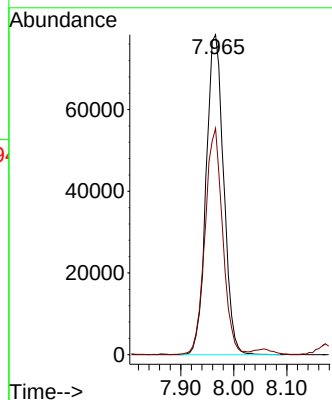
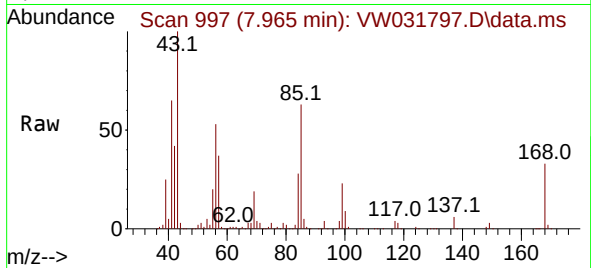




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.000 min
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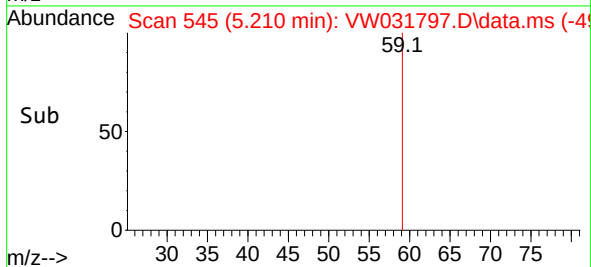
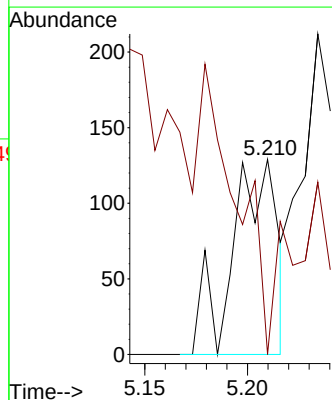
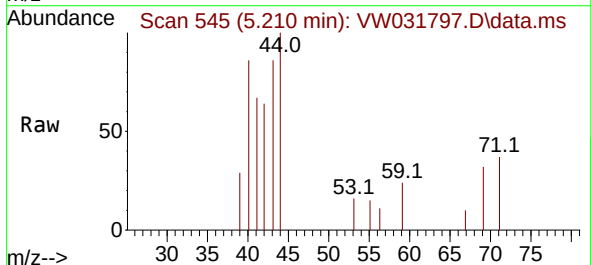
Instrument :
MSVOA_W
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GPX6

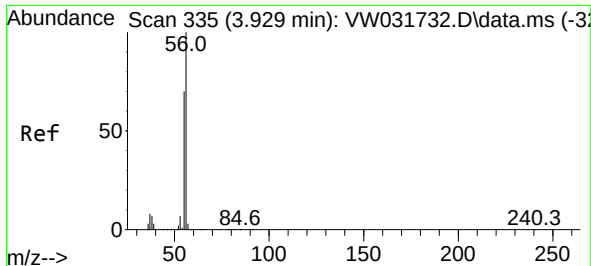
Tgt Ion:168 Resp: 179251
Ion Ratio Lower Upper
168 100
99 70.5 49.4 74.2



#11
Tert butyl alcohol
Concen: 1.236 ug/l
RT: 5.210 min Scan# 545
Delta R.T. -0.006 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

Tgt Ion: 59 Resp: 197
Ion Ratio Lower Upper
59 100
57 0.0 9.5 14.3#

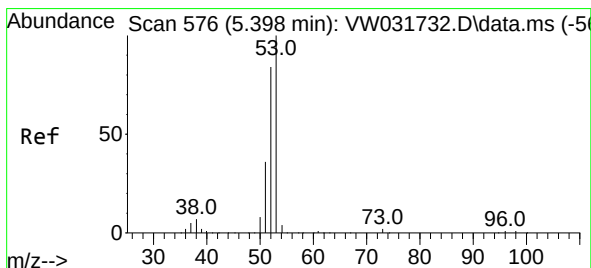
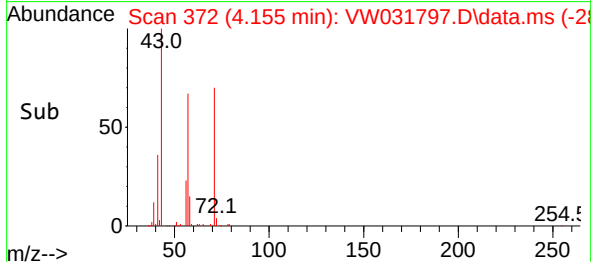
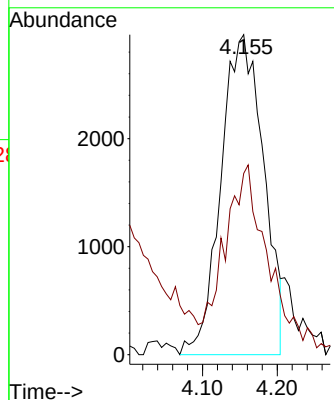
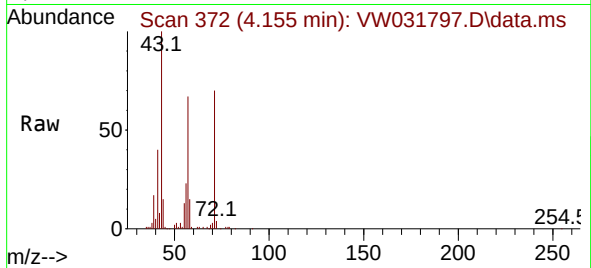




#13
Acrolein
Concen: 40.947 ug/l
RT: 4.155 min Scan# 311
Delta R.T. 0.226 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

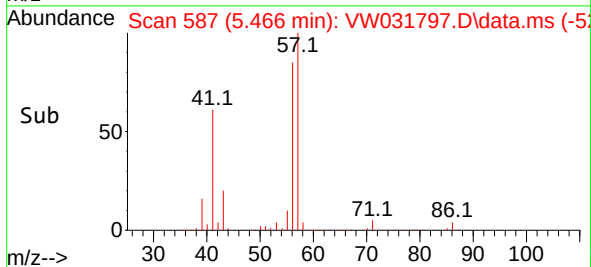
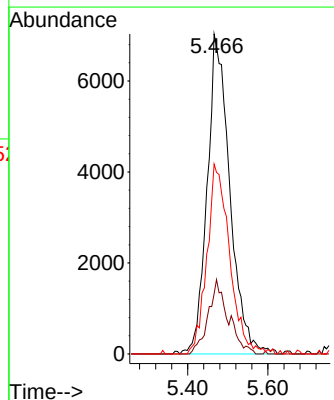
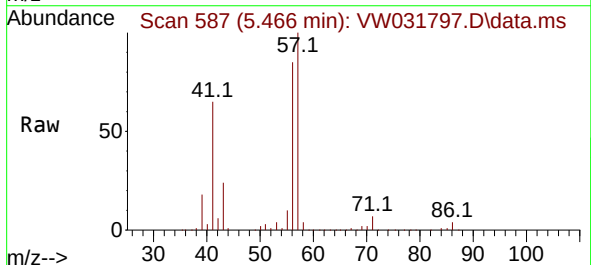
Instrument :
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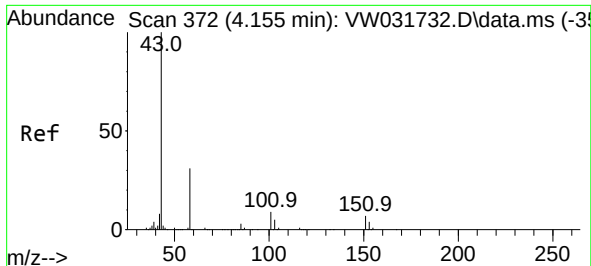
Tgt Ion: 56 Resp: 11729
Ion Ratio Lower Upper
56 100
55 40.7 54.0 81.0#



#15
Acrylonitrile
Concen: 42.013 ug/l
RT: 5.466 min Scan# 587
Delta R.T. 0.067 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

Tgt Ion: 53 Resp: 27580
Ion Ratio Lower Upper
53 100
52 20.7 66.4 99.6#
51 59.1 29.9 44.9#

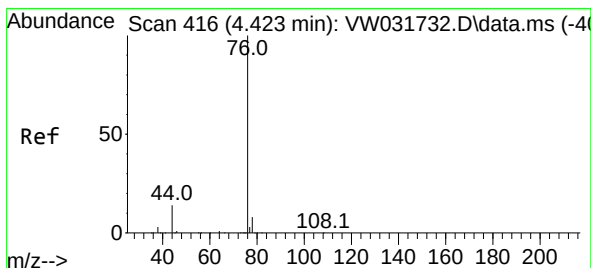
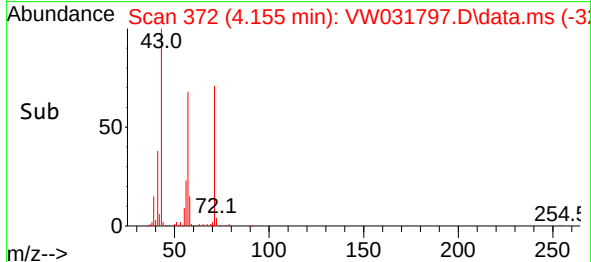
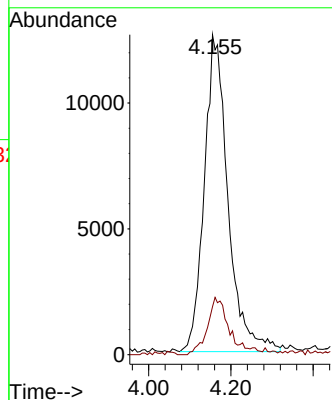
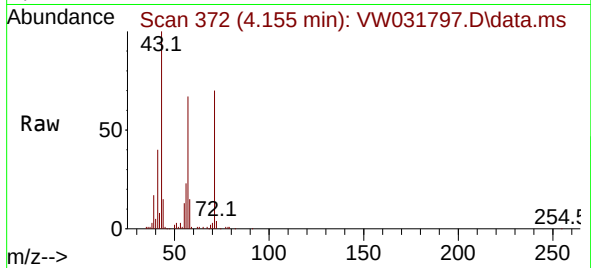




#16
Acetone
Concen: 79.348 ug/l
RT: 4.155 min Scan# 31
Delta R.T. 0.000 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

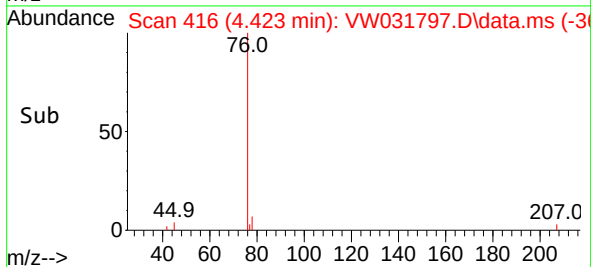
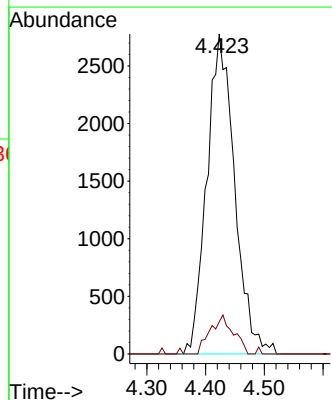
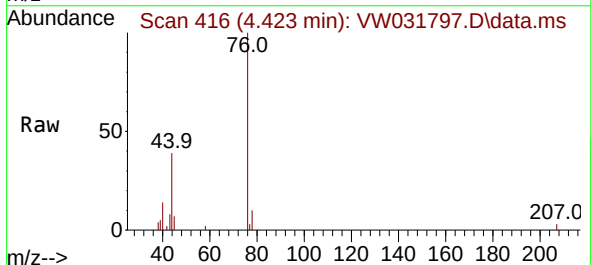
Instrument :
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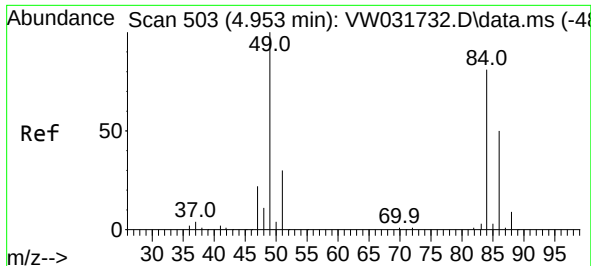
Tgt Ion: 43 Resp: 50452
Ion Ratio Lower Upper
43 100
58 15.1 24.8 37.2#



#17
Carbon Disulfide
Concen: 1.599 ug/l
RT: 4.423 min Scan# 416
Delta R.T. 0.000 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

Tgt Ion: 76 Resp: 9140
Ion Ratio Lower Upper
76 100
78 10.0 6.6 10.0#

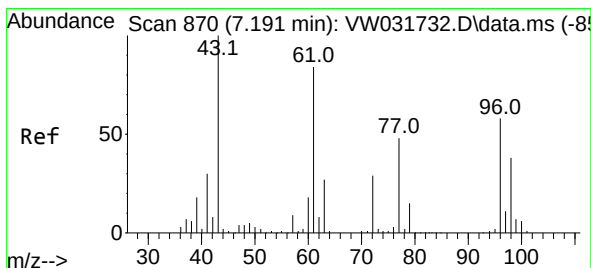
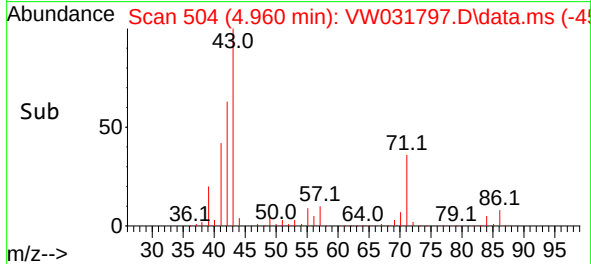
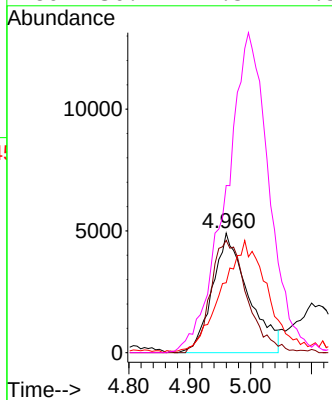
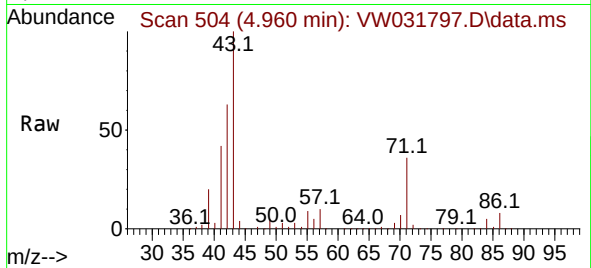




#20
Methylene Chloride
Concen: 3.803 ug/l
RT: 4.960 min Scan# 503
Delta R.T. 0.006 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

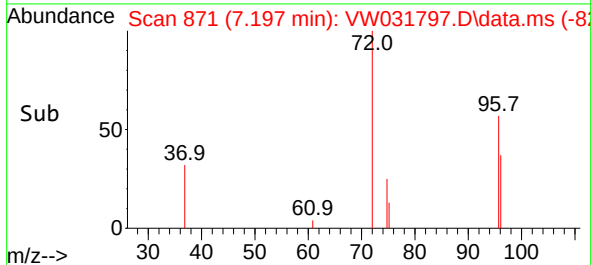
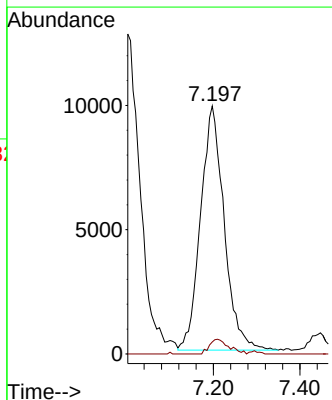
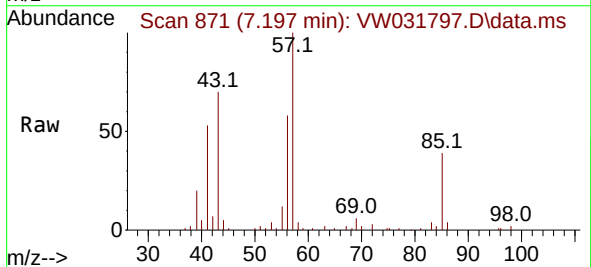
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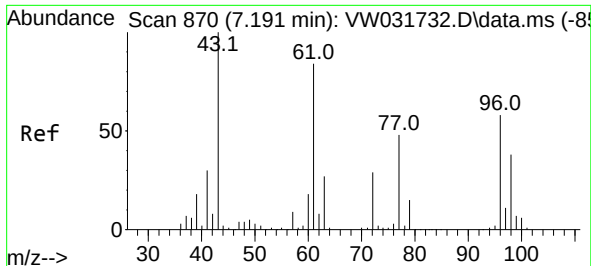
Tgt Ion: 84 Resp: 20053
Ion Ratio Lower Upper
84 100
49 94.0 98.2 147.4#
51 57.1 29.8 44.8#
86 136.4 49.5 74.3#



#25
2-Butanone
Concen: 44.987 ug/l
RT: 7.197 min Scan# 871
Delta R.T. 0.006 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

Tgt Ion: 43 Resp: 37213
Ion Ratio Lower Upper
43 100
72 4.9 23.0 34.6#

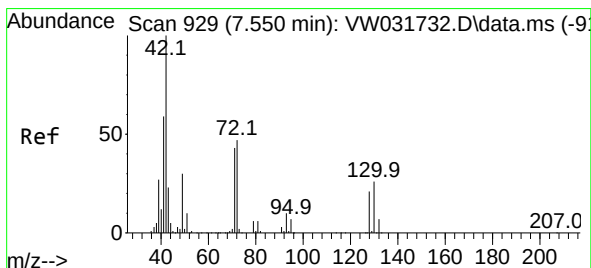
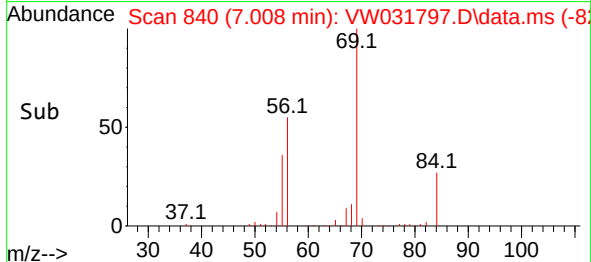
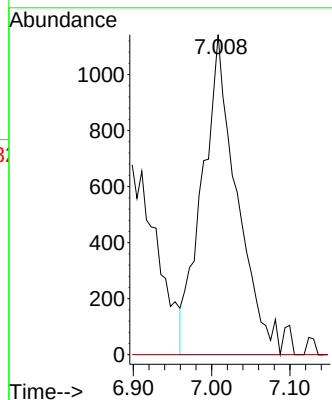
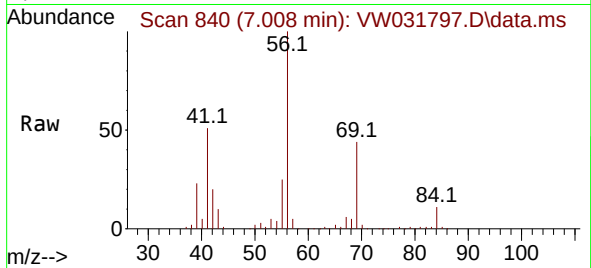




#26
2,2-Dichloropropane
Concen: 1.443 ug/l
RT: 7.008 min Scan# 84
Delta R.T. -0.183 min
Lab File: VW031797.D
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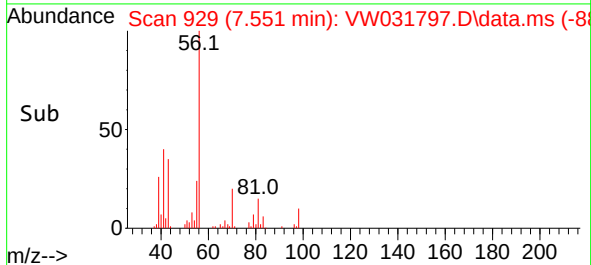
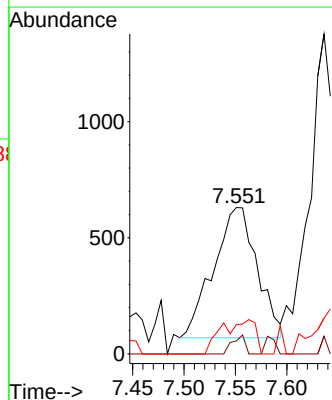
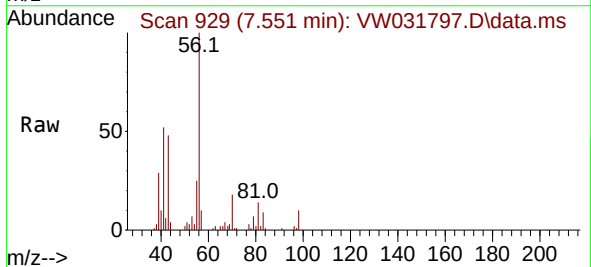
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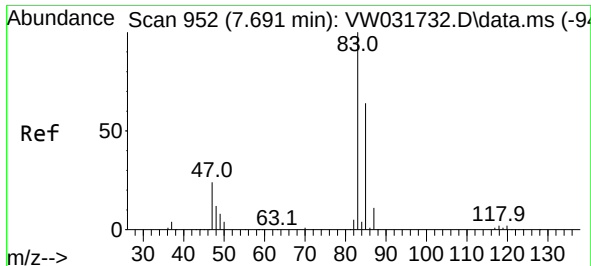
Tgt Ion: 77 Resp: 3489
Ion Ratio Lower Upper
77 100
97 0.0 11.6 34.7#



#29
Tetrahydrofuran
Concen: 2.914 ug/l
RT: 7.551 min Scan# 929
Delta R.T. 0.000 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

Tgt Ion: 42 Resp: 1651
Ion Ratio Lower Upper
42 100
72 0.0 36.8 55.2#
71 0.0 34.6 52.0#

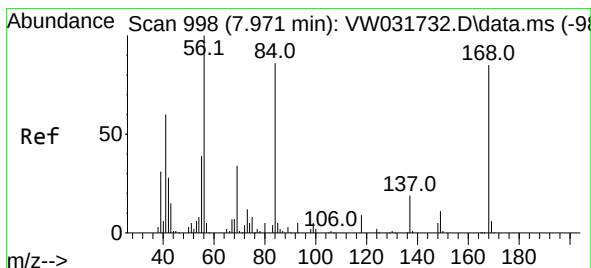
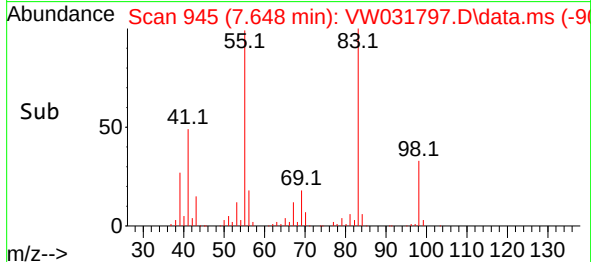
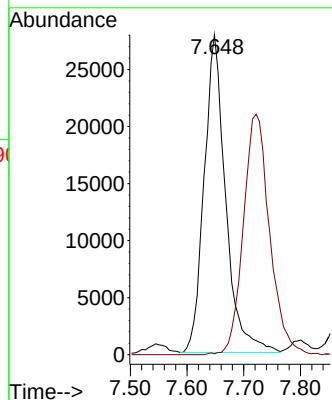
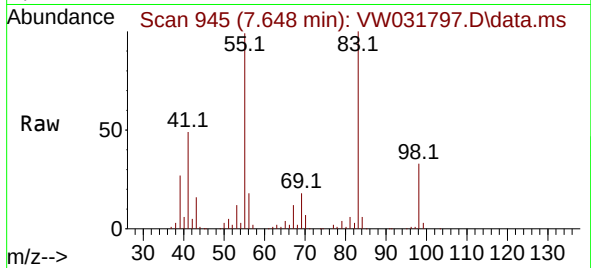




#30
Chloroform
Concen: 16.655 ug/l
RT: 7.648 min Scan# 945
Delta R.T. -0.042 min
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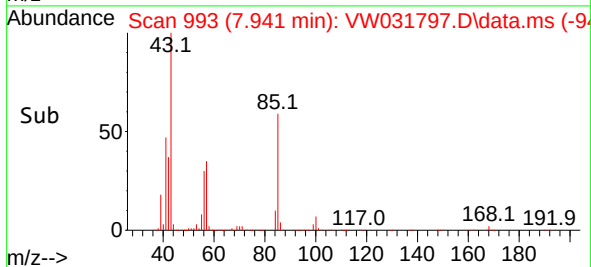
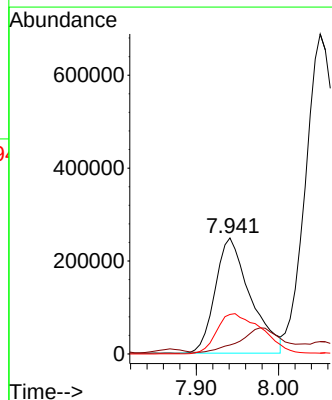
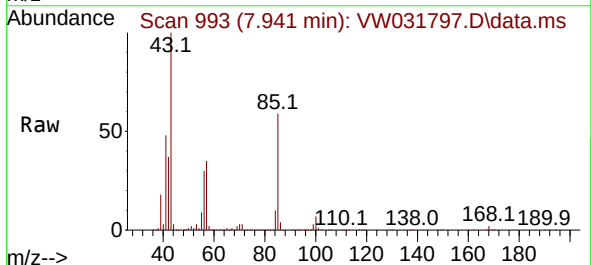
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GPX6

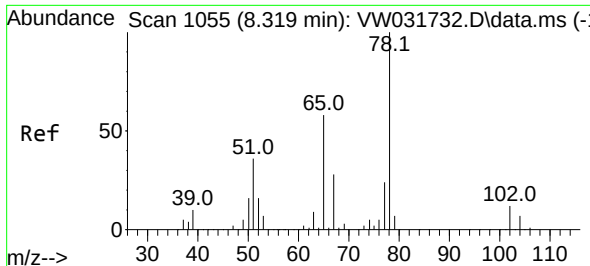
Tgt Ion: 83 Resp: 73333
Ion Ratio Lower Upper
83 100
85 0.3 51.4 77.0#



#31
Cyclohexane
Concen: 201.332 ug/l
RT: 7.941 min Scan# 993
Delta R.T. -0.030 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

Tgt Ion: 56 Resp: 737443
Ion Ratio Lower Upper
56 100
69 4.4 27.2 40.8#
84 34.2 68.5 102.7#

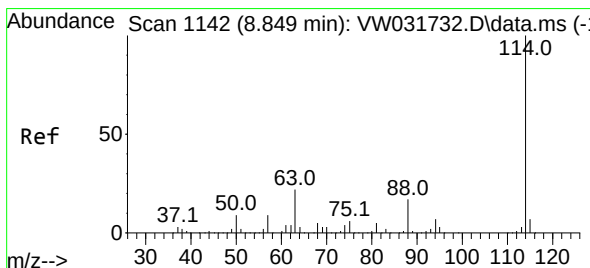
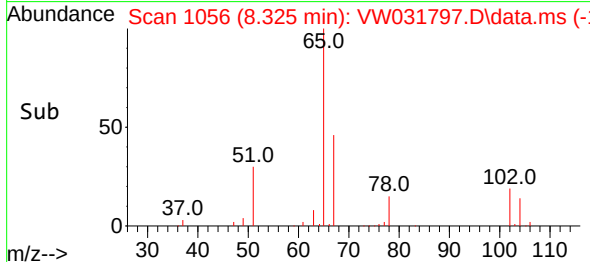
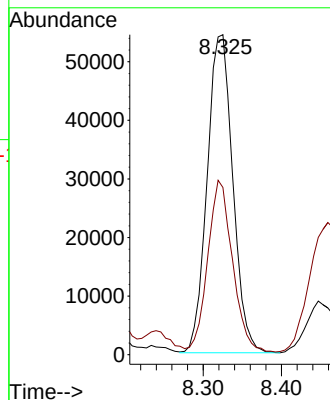
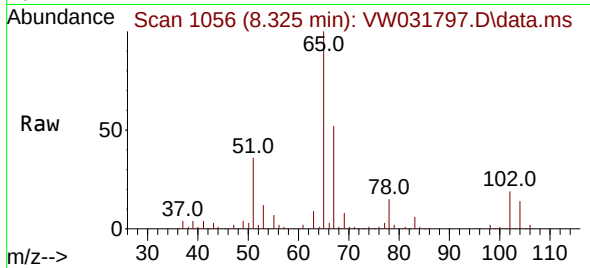




#33
 1,2-Dichloroethane-d4
 Concen: 48.075 ug/l
 RT: 8.325 min Scan# 1055
 Delta R.T. 0.006 min
 Lab File: VW031797.D
 Acq: 10 Jul 2025 13:03

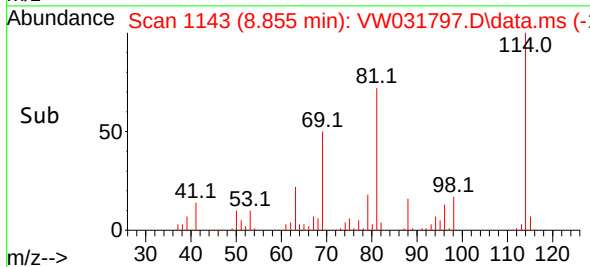
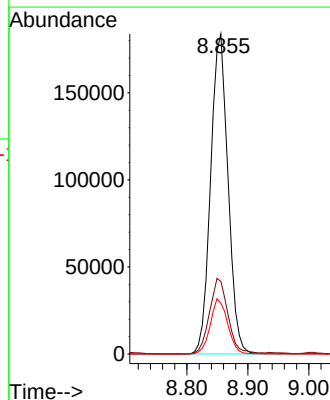
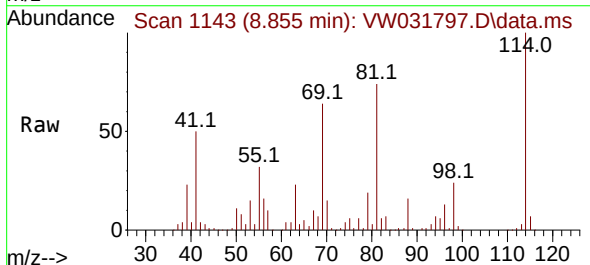
Instrument :
 MSVOA_W
 ClientSampleId :
 GPX6

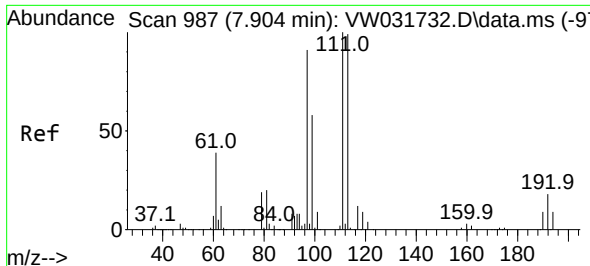
Tgt Ion: 65 Resp: 123670
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. 0.006 min
 Lab File: VW031797.D
 Acq: 10 Jul 2025 13:03

Tgt Ion: 114 Resp: 363855
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 43.6
 88 15.8 0.0 34.2

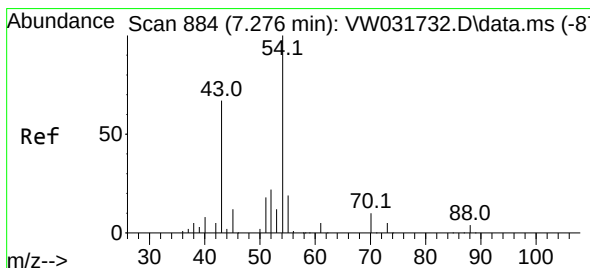
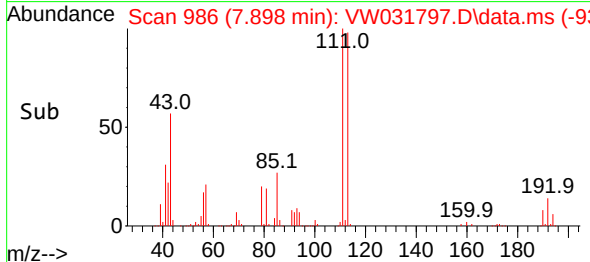
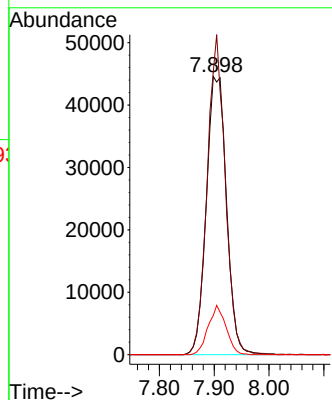
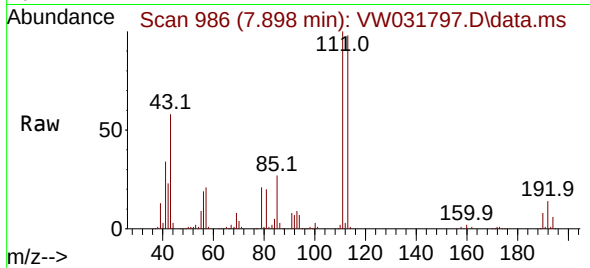




#35
 Dibromofluoromethane
 Concen: 48.004 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW031797.D
 Acq: 10 Jul 2025 13:03

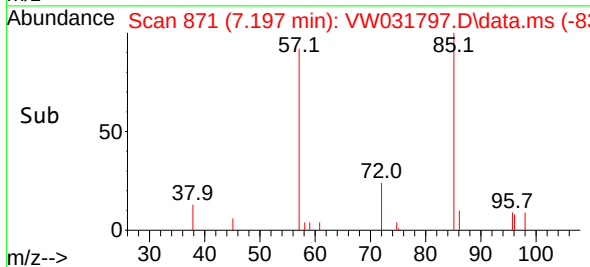
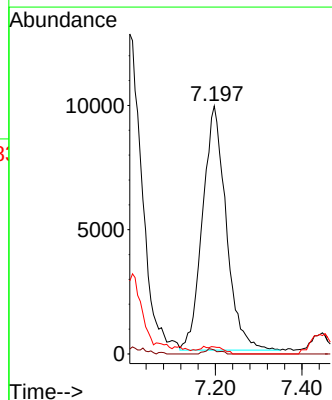
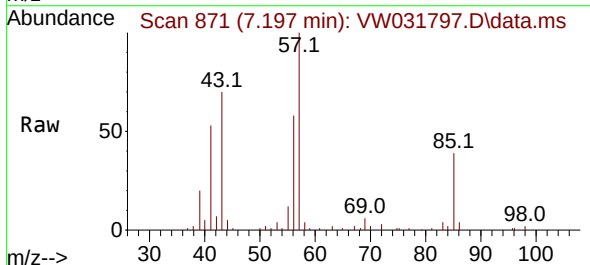
Instrument :
 MSVOA_W
 ClientSampleId :
 GPX6

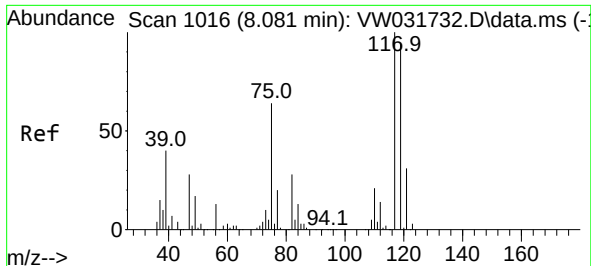
Tgt Ion:113 Resp: 113976
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.1 123.1
 192 15.6 13.8 20.6



#37
 Ethyl Acetate
 Concen: 17.170 ug/l
 RT: 7.197 min Scan# 871
 Delta R.T. -0.079 min
 Lab File: VW031797.D
 Acq: 10 Jul 2025 13:03

Tgt Ion: 43 Resp: 37213
 Ion Ratio Lower Upper
 43 100
 61 1.2 10.9 16.3#
 70 0.0 9.2 13.8#

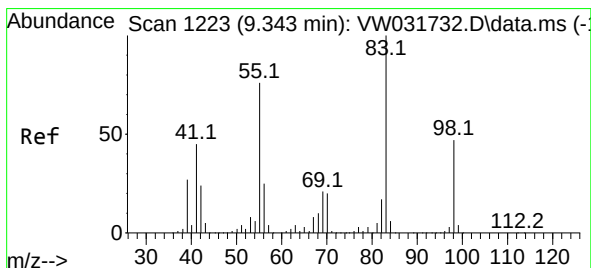
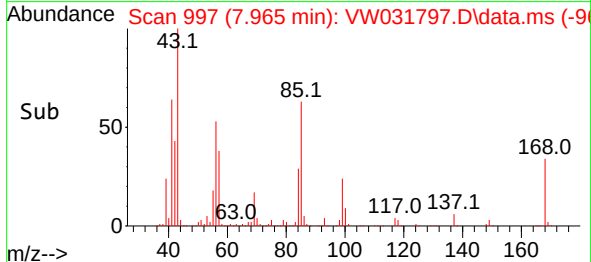
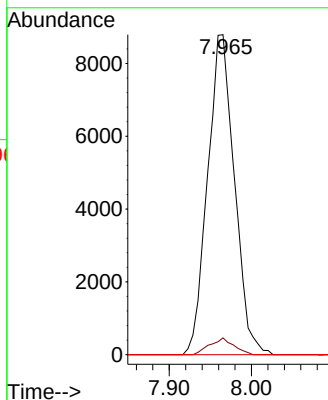
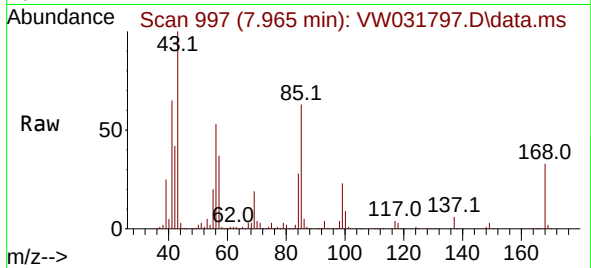




#38
Carbon Tetrachloride
Concen: 5.707 ug/l
RT: 7.965 min Scan# 997
Delta R.T. -0.115 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

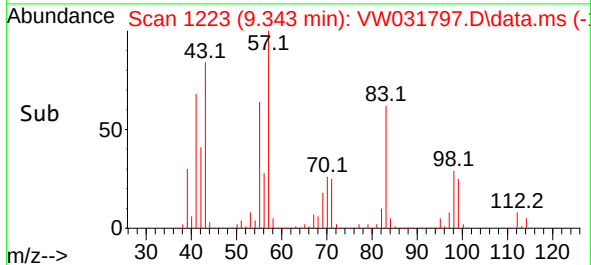
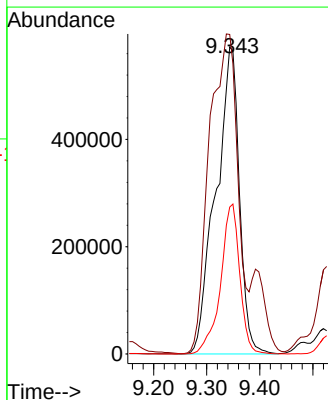
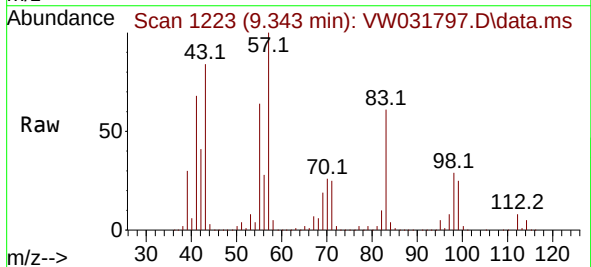
Instrument :
MSVOA_W
ClientSampleId :
GPX6

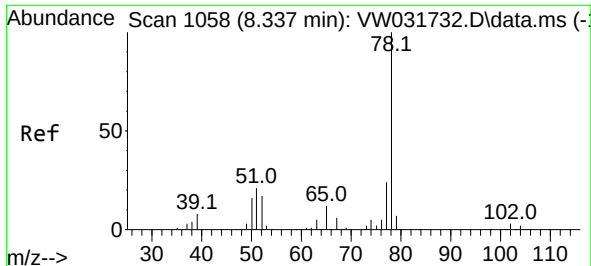
Tgt Ion:117 Resp: 19981
Ion Ratio Lower Upper
117 100
119 5.2 75.0 112.6#
121 0.0 24.6 37.0#



#39
Methylcyclohexane
Concen: 412.709 ug/l
RT: 9.343 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

Tgt Ion: 83 Resp: 1764184
Ion Ratio Lower Upper
83 100
55 104.0 61.0 91.4#
98 47.9 37.9 56.9





#40

Benzene

Concen: 2.656 ug/l

RT: 8.343 min Scan# 1059

Delta R.T. 0.006 min

Lab File: VW031797.D

Acq: 10 Jul 2025 13:03

Instrument :

MSVOA_W

ClientSampleId :

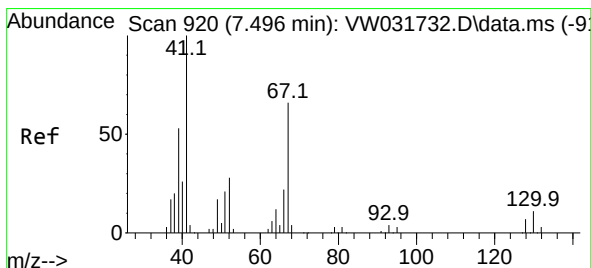
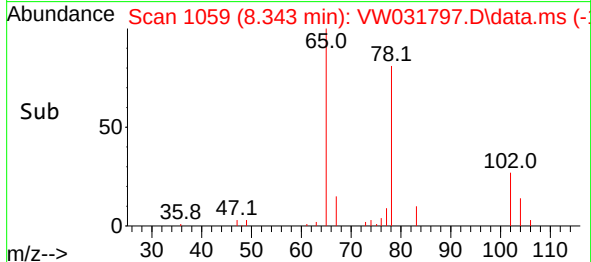
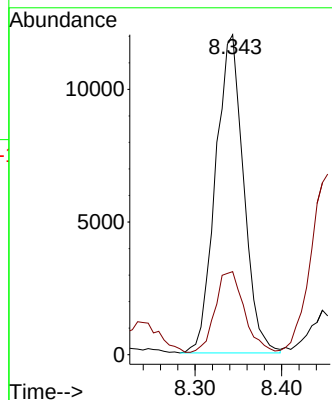
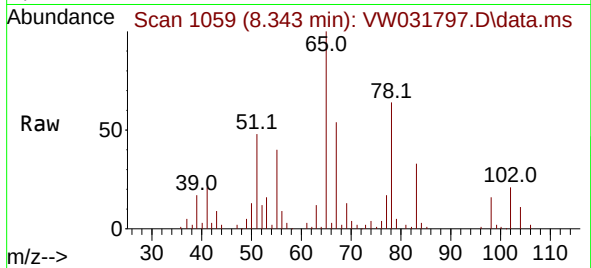
GPX6

Tgt Ion: 78 Resp: 26996

Ion Ratio Lower Upper

78 100

77 24.8 19.2 28.8



#41

Methacrylonitrile

Concen: 11.461 ug/l

RT: 7.545 min Scan# 928

Delta R.T. 0.049 min

Lab File: VW031797.D

Acq: 10 Jul 2025 13:03

Tgt Ion: 41 Resp: 13307

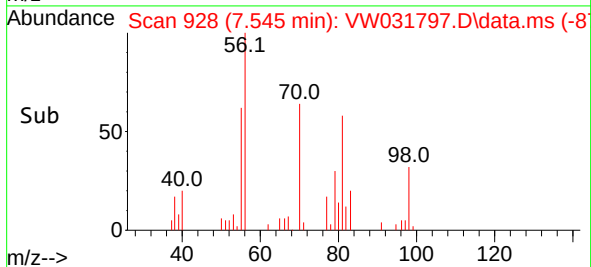
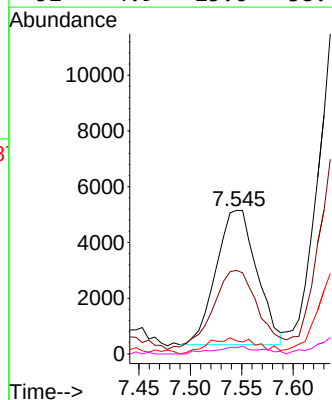
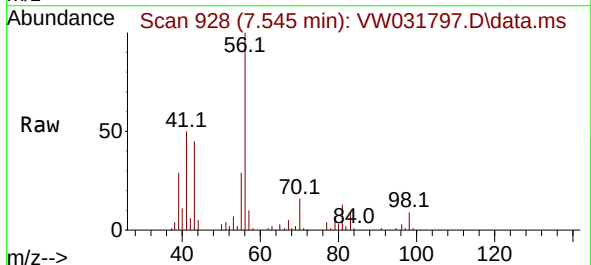
Ion Ratio Lower Upper

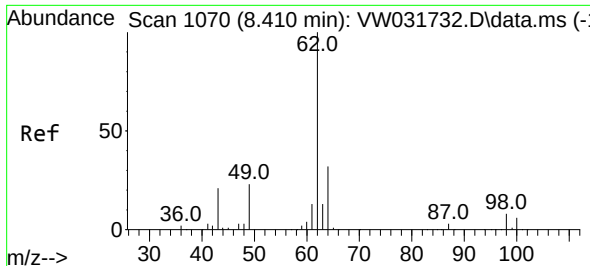
41 100

39 65.1 43.2 64.8#

67 14.6 58.1 87.1#

52 4.9 25.6 38.4#

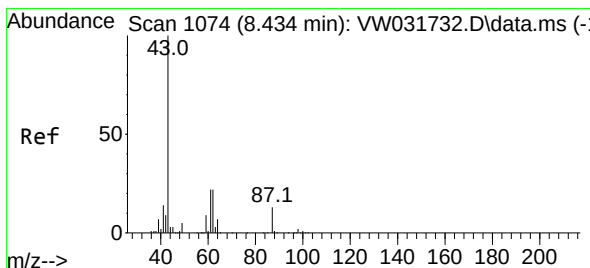
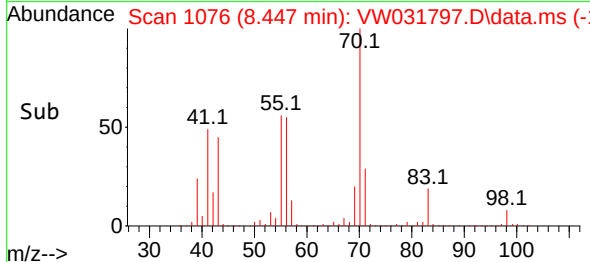
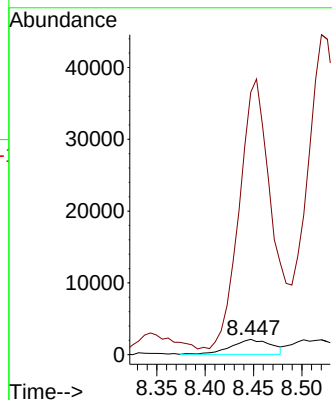
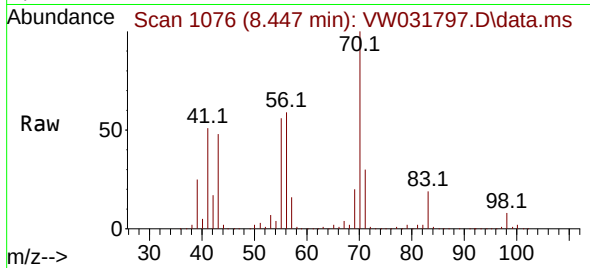




#42
1,2-Dichloroethane
Concen: 1.743 ug/l
RT: 8.447 min Scan# 1076
Delta R.T. 0.037 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

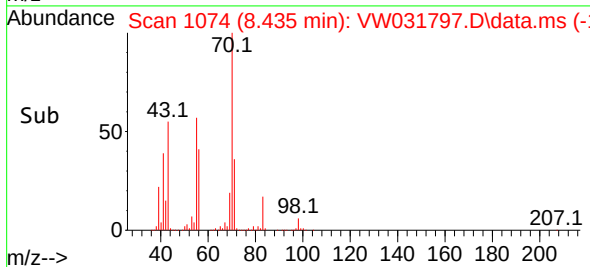
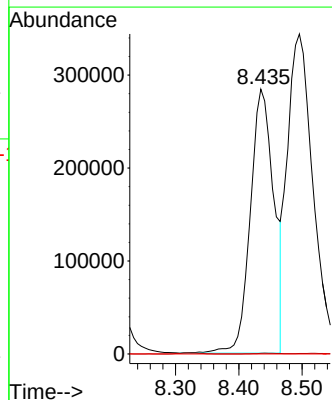
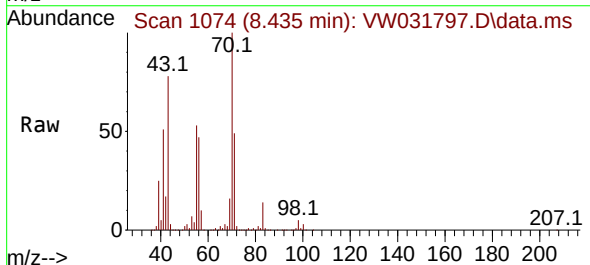
Instrument :
MSVOA_W
ClientSampleId :
GPX6

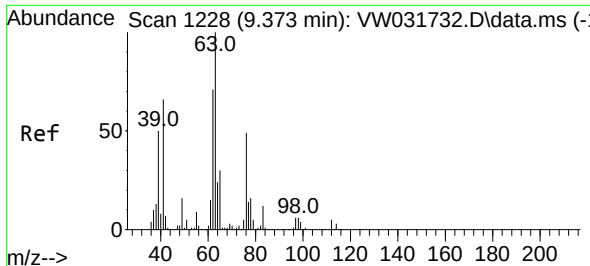
Tgt Ion: 62 Resp: 5986
Ion Ratio Lower Upper
62 100
98 1478.5 0.0 17.2#



#43
Isopropyl Acetate
Concen: 197.575 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

Tgt Ion: 43 Resp: 738144
Ion Ratio Lower Upper
43 100
61 0.3 23.1 34.7#
87 0.0 10.8 16.2#





#45

1,2-Dichloropropane

Concen: 3.295 ug/l

RT: 9.398 min Scan# 11

Delta R.T. 0.025 min

Lab File: VW031797.D

Acq: 10 Jul 2025 13:03

Instrument :

MSVOA_W

ClientSampleId :

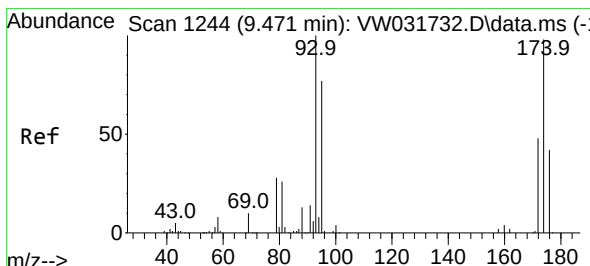
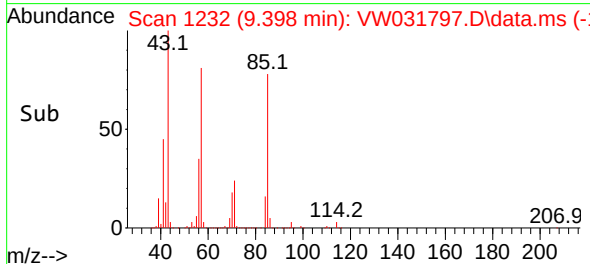
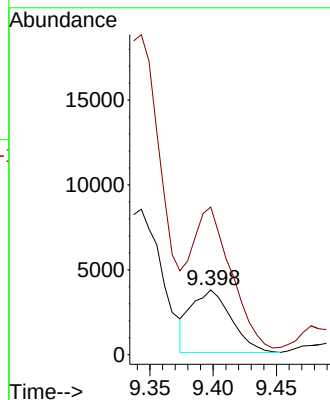
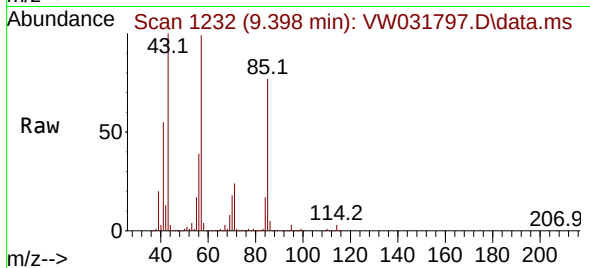
GPX6

Tgt Ion: 63 Resp: 8094

Ion Ratio Lower Upper

63 100

65 224.7 24.2 36.4#



#46

Dibromomethane

Concen: 4.452 ug/l

RT: 9.422 min Scan# 1236

Delta R.T. -0.048 min

Lab File: VW031797.D

Acq: 10 Jul 2025 13:03

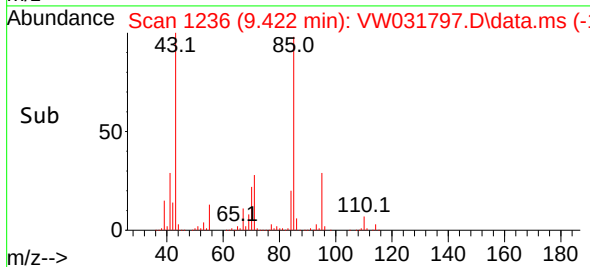
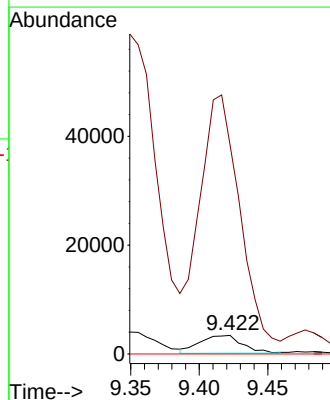
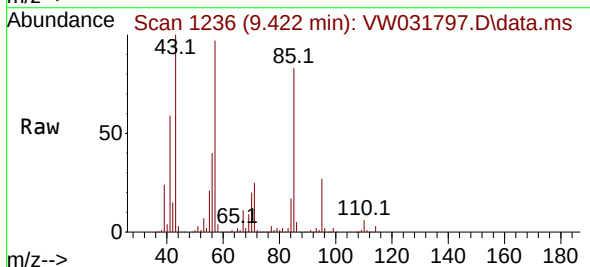
Tgt Ion: 93 Resp: 7061

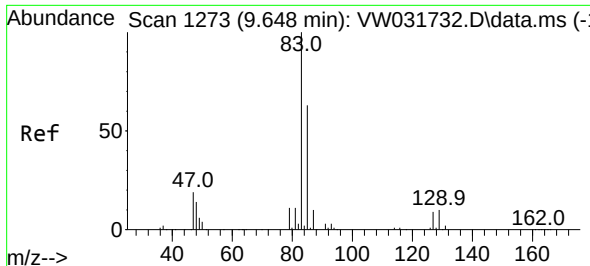
Ion Ratio Lower Upper

93 100

95 1365.8 67.0 100.4#

174 0.0 71.7 107.5#

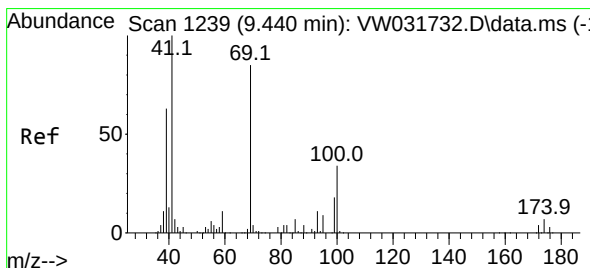
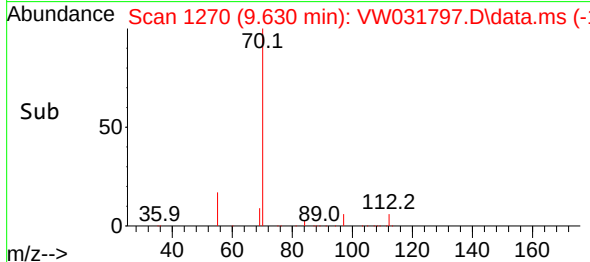
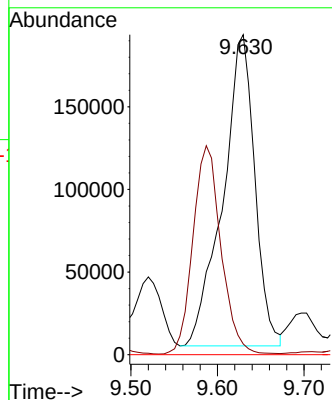
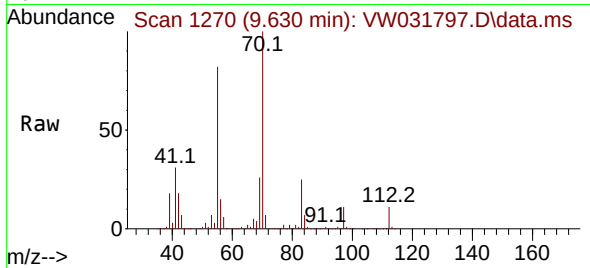




#47
Bromodichloromethane
Concen: 129.535 ug/l
RT: 9.630 min Scan# 11
Delta R.T. -0.018 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

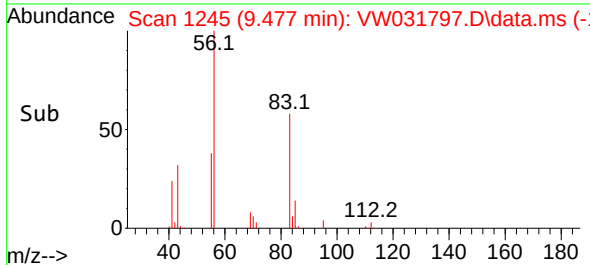
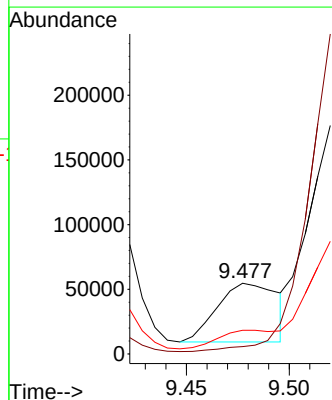
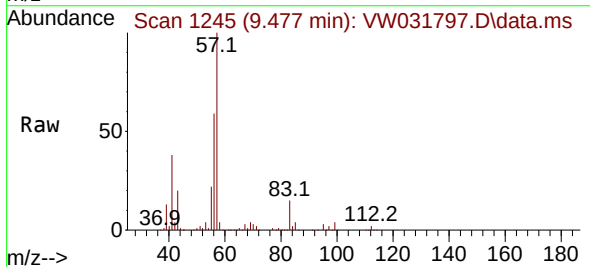
Instrument :
MSVOA_W
ClientSampleId :
GPX6

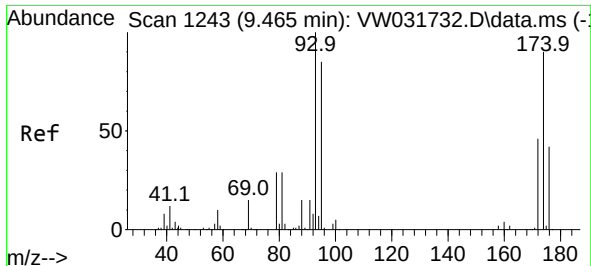
Tgt Ion: 83 Resp: 481784
Ion Ratio Lower Upper
83 100
85 3.0 50.8 76.2#
127 0.0 6.8 10.2#



#48
Methyl methacrylate
Concen: 50.351 ug/l
RT: 9.477 min Scan# 1245
Delta R.T. 0.037 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

Tgt Ion: 41 Resp: 92497
Ion Ratio Lower Upper
41 100
69 0.0 71.6 107.4#
39 0.0 49.5 74.3#





#49

1,4-Dioxane

Concen: 1.400 ug/l

RT: 9.343 min Scan# 11

Delta R.T. -0.122 min

Lab File: VW031797.D

Acq: 10 Jul 2025 13:03

Instrument :

MSVOA_W

ClientSampleId :

GPX6

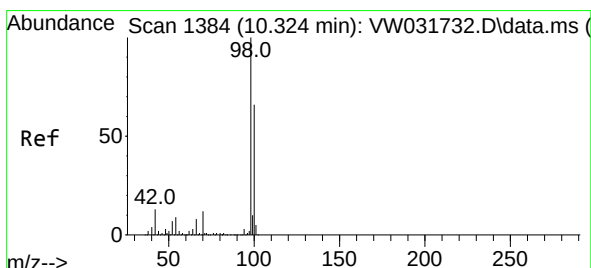
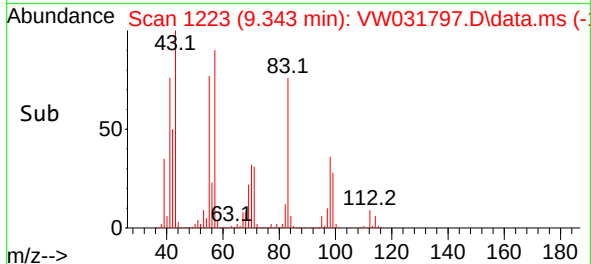
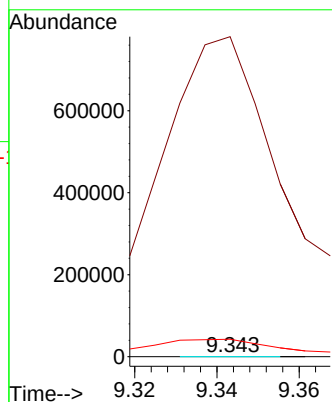
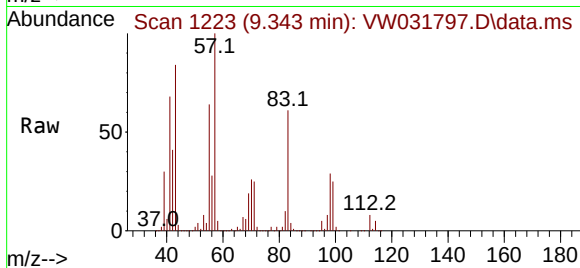
Tgt Ion: 88 Resp: 26

Ion Ratio Lower Upper

88 100

43 6600730.8 0.0 0.0#

58 409842.3 58.3 87.5#



#50

Toluene-d8

Concen: 109.336 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW031797.D

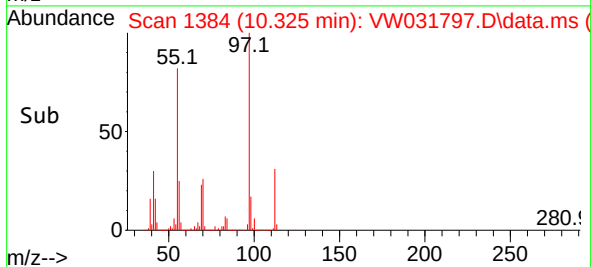
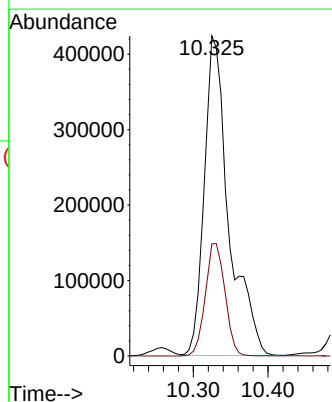
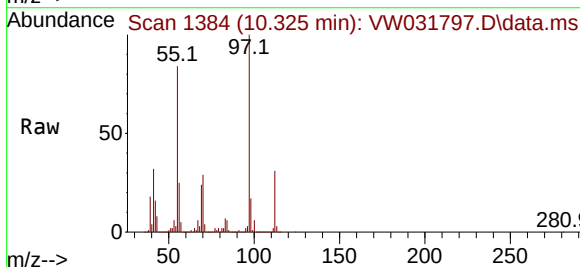
Acq: 10 Jul 2025 13:03

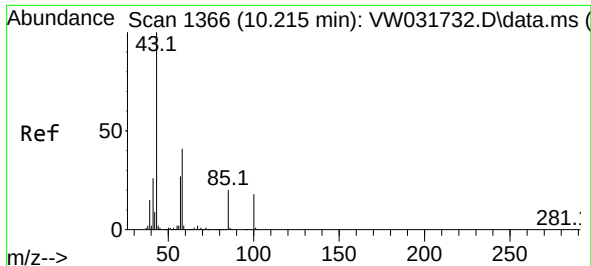
Tgt Ion: 98 Resp: 966069

Ion Ratio Lower Upper

98 100

100 28.2 53.0 79.4#

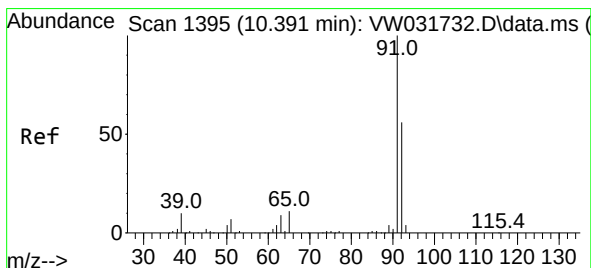
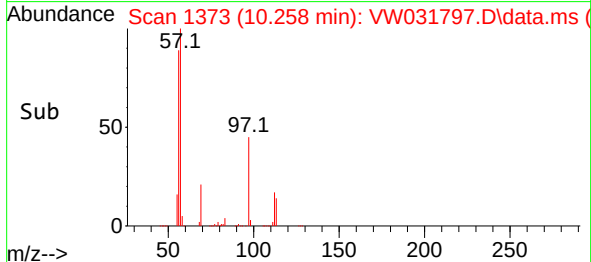
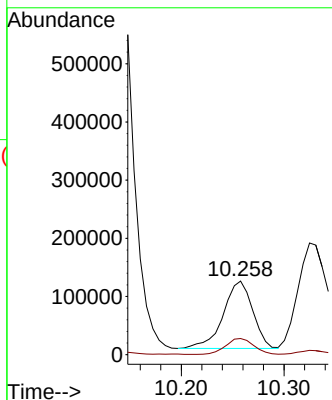
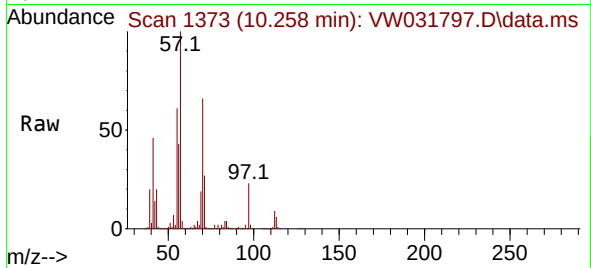




#51
4-Methyl-2-Pentanone
Concen: 107.529 ug/l
RT: 10.258 min Scan# 1373
Delta R.T. 0.043 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

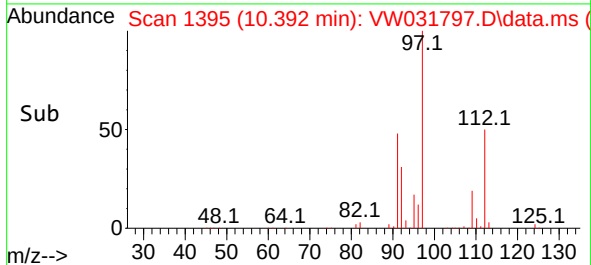
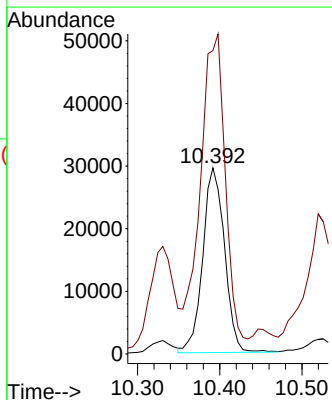
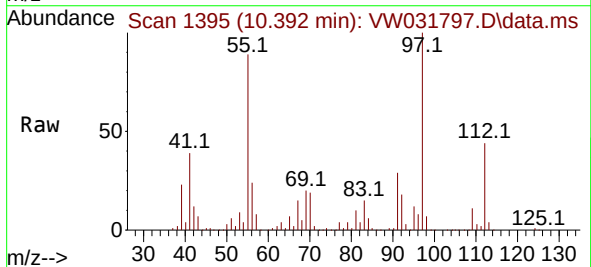
Instrument :
MSVOA_W
ClientSampleId :
GPX6

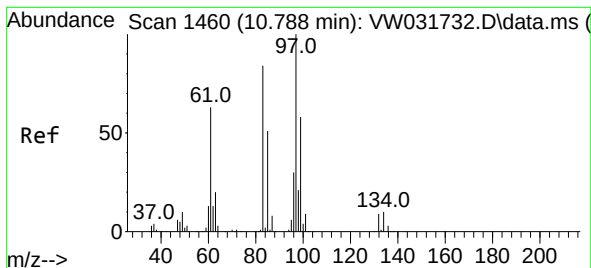
Tgt Ion: 43 Resp: 230959
Ion Ratio Lower Upper
43 100
58 22.2 32.2 48.2#



#52
Toluene
Concen: 8.354 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

Tgt Ion: 92 Resp: 54372
Ion Ratio Lower Upper
92 100
91 185.3 139.5 209.3

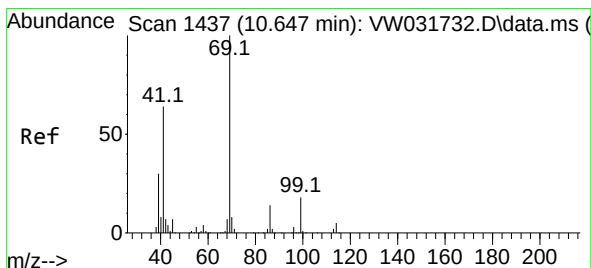
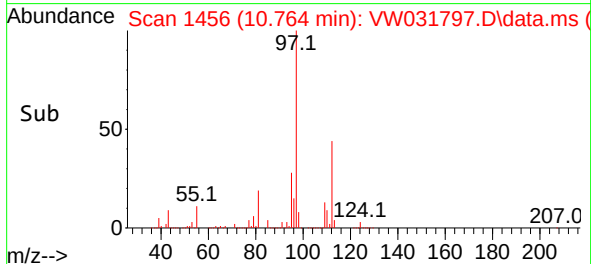
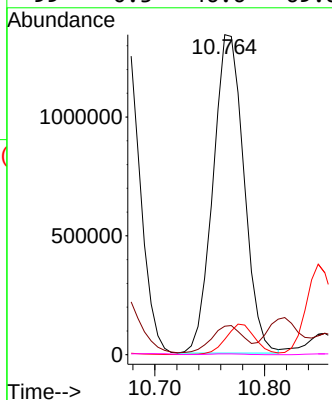
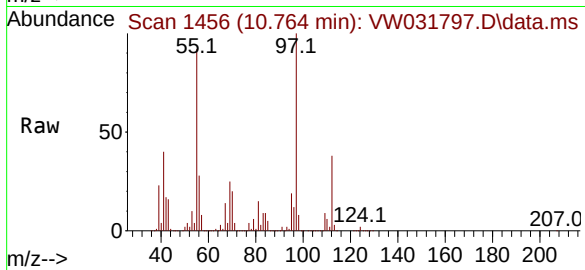




#55
1,1,2-Trichloroethane
Concen: 1262.932 ug/l
RT: 10.764 min Scan# 1441
Delta R.T. -0.024 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

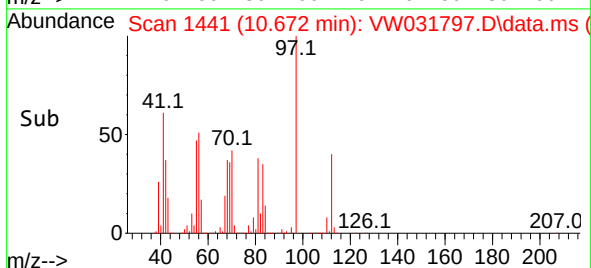
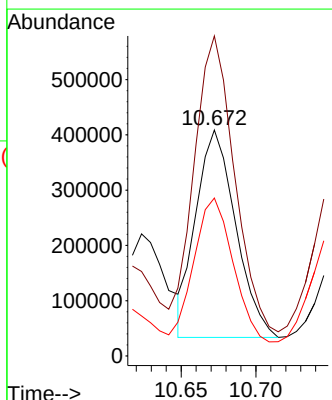
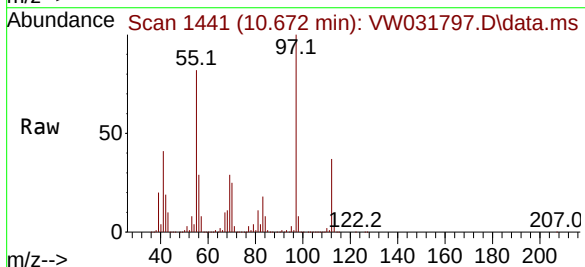
Instrument :
MSVOA_W
ClientSampleId :
GPX6

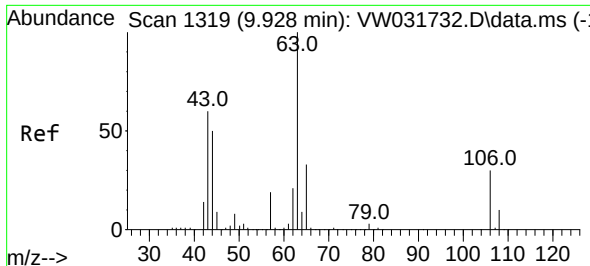
Tgt Ion: 97 Resp: 2623926
Ion Ratio Lower Upper
97 100
83 8.3 66.9 100.3#
85 4.8 41.1 61.7#
99 0.3 46.6 69.8#



#56
Ethyl methacrylate
Concen: 246.136 ug/l
RT: 10.672 min Scan# 1441
Delta R.T. 0.025 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

Tgt Ion: 69 Resp: 693779
Ion Ratio Lower Upper
69 100
41 146.6 53.3 79.9#
39 70.5 30.2 45.2#

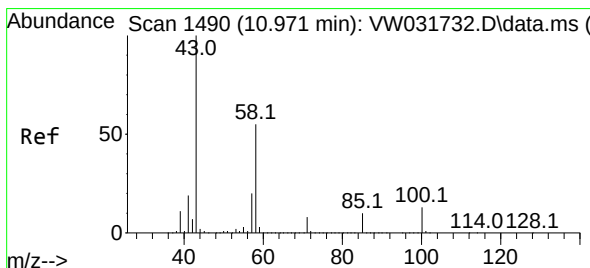
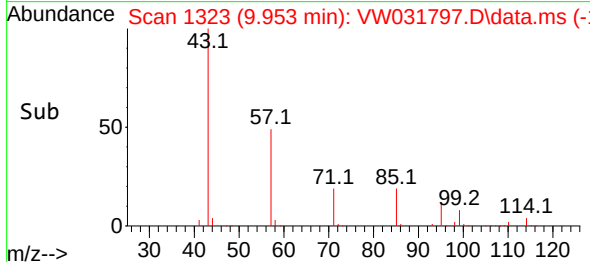
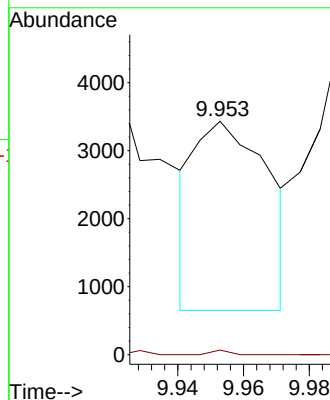
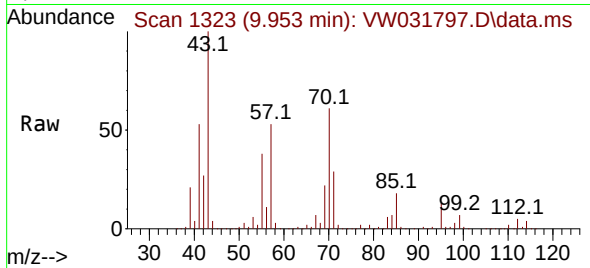




#58
2-Chloroethyl Vinyl ether
Concen: 2.780 ug/l
RT: 9.953 min Scan# 11
Delta R.T. 0.025 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

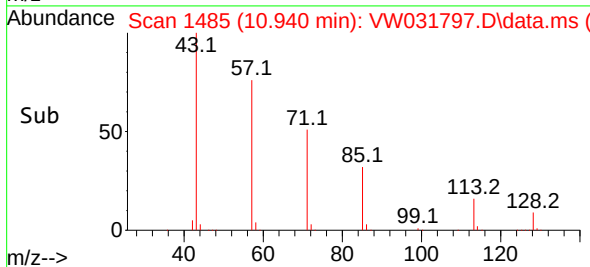
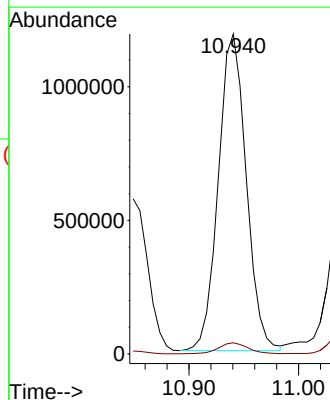
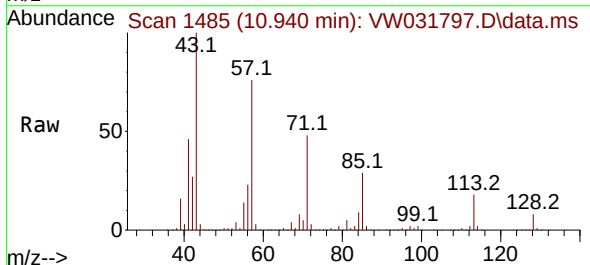
Instrument :
MSVOA_W
ClientSampleId :
GPX6

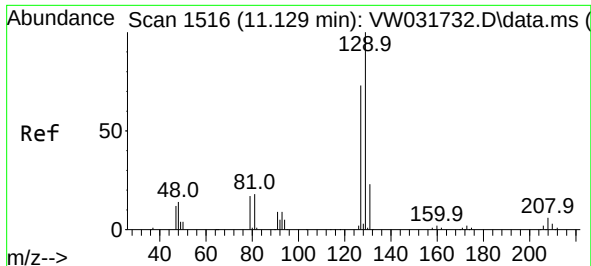
Tgt Ion: 63 Resp: 4315
Ion Ratio Lower Upper
63 100
106 0.6 24.1 36.1#



#59
2-Hexanone
Concen: 1440.471 ug/l
RT: 10.940 min Scan# 1485
Delta R.T. -0.030 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

Tgt Ion: 43 Resp: 2096590
Ion Ratio Lower Upper
43 100
58 3.7 27.9 83.6#

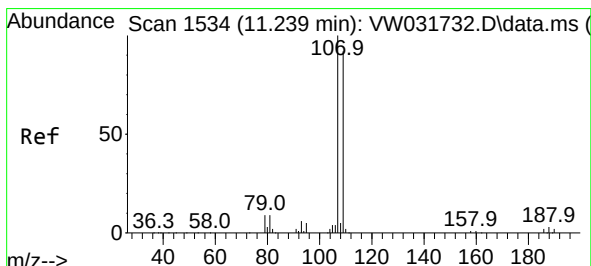
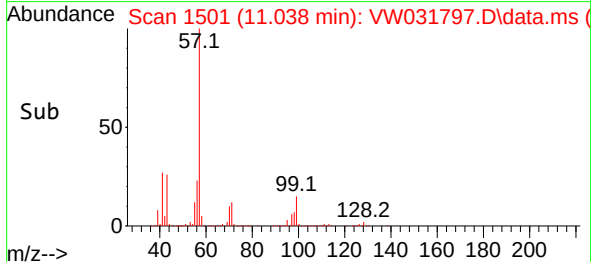
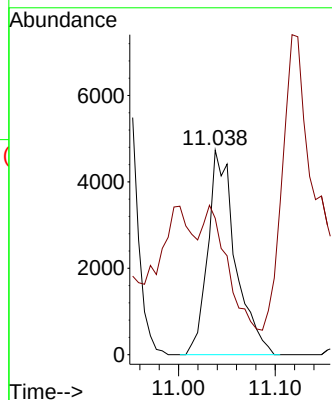
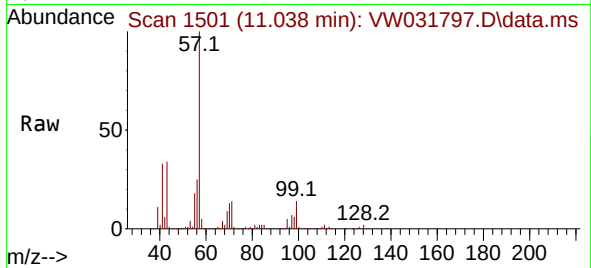




#60
Dibromochloromethane
Concen: 3.774 ug/l
RT: 11.038 min Scan# 11
Delta R.T. -0.091 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

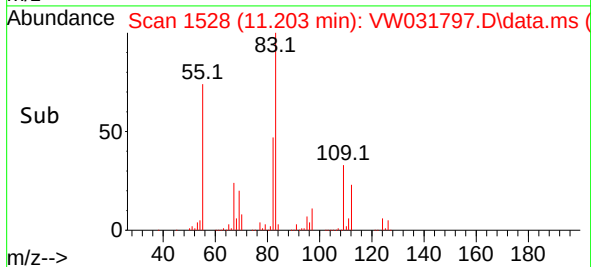
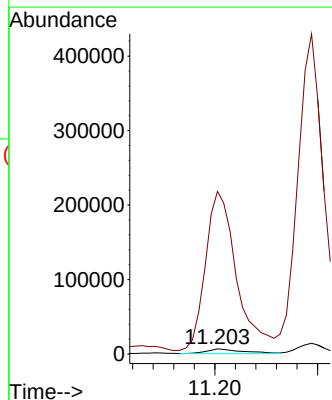
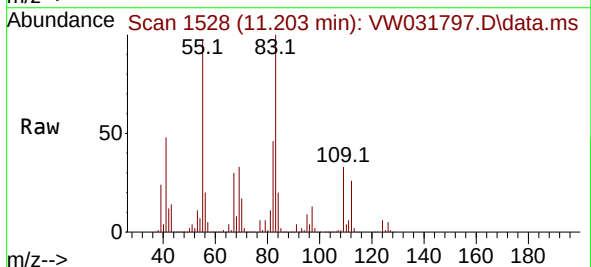
Instrument :
MSVOA_W
ClientSampleId :
GPX6

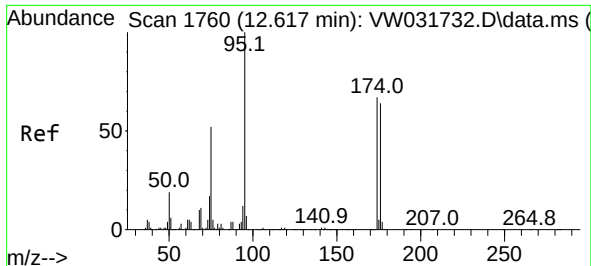
Tgt Ion:129 Resp: 9377
Ion Ratio Lower Upper
129 100
127 53.4 38.0 114.1



#61
1,2-Dibromoethane
Concen: 7.325 ug/l
RT: 11.203 min Scan# 1528
Delta R.T. -0.036 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

Tgt Ion:107 Resp: 15236
Ion Ratio Lower Upper
107 100
109 2939.1 73.9 110.9#

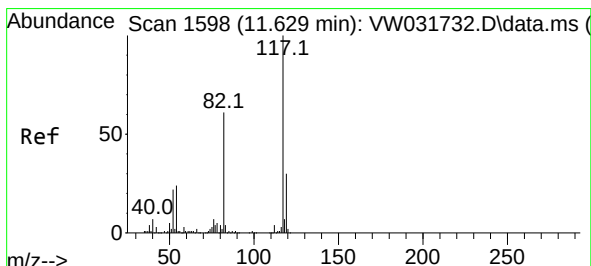
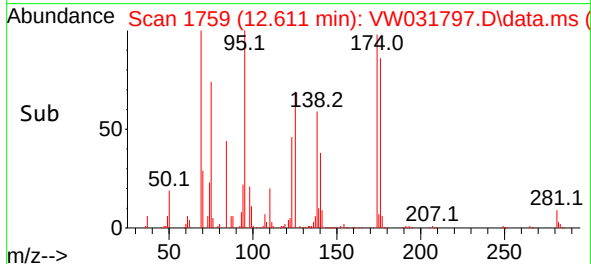
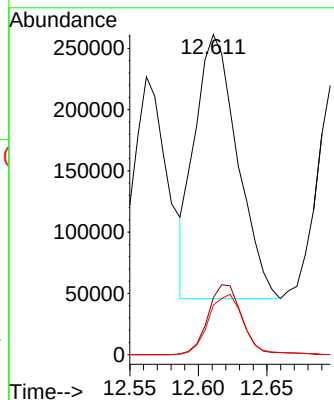
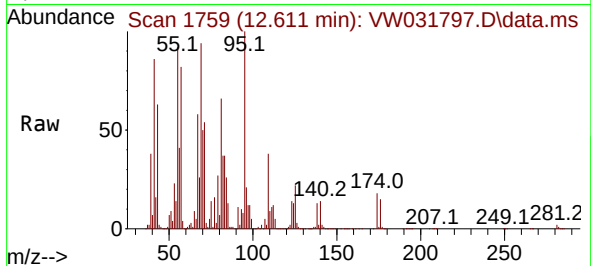




#62
4-Bromofluorobenzene
Concen: 143.098 ug/l
RT: 12.611 min Scan# 1759
Delta R.T. -0.006 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

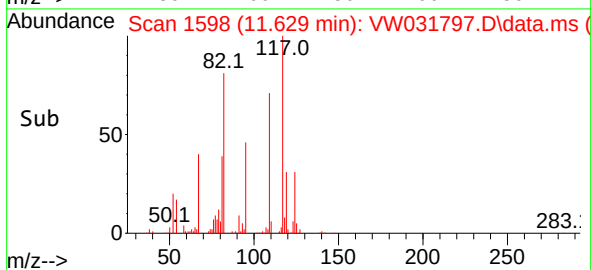
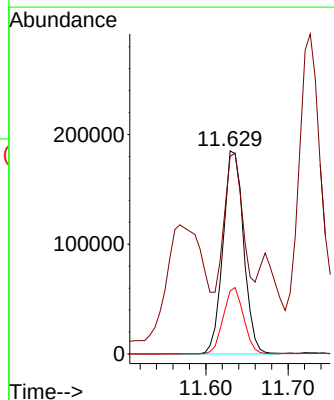
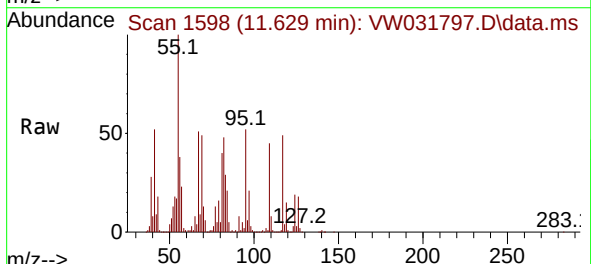
Instrument :
MSVOA_W
ClientSampleId :
GPX6

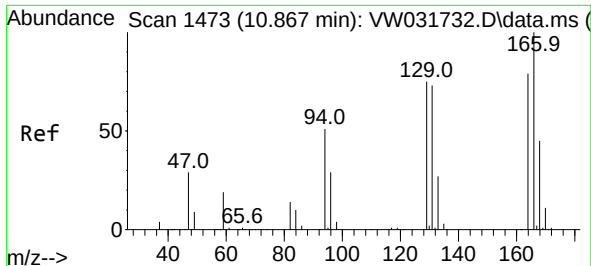
Tgt Ion: 95 Resp: 465295
Ion Ratio Lower Upper
95 100
174 21.5 0.0 133.8
176 19.1 0.0 126.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

Tgt Ion: 117 Resp: 322565
Ion Ratio Lower Upper
117 100
82 70.0 48.6 72.8
119 31.0 23.9 35.9

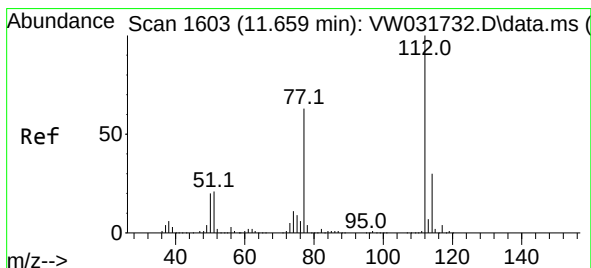
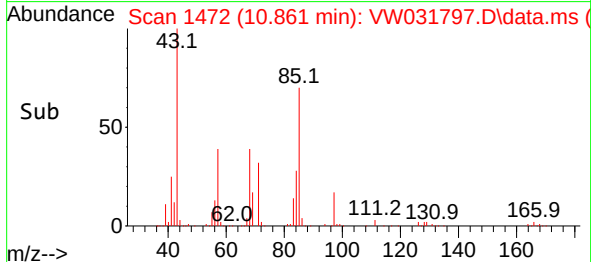
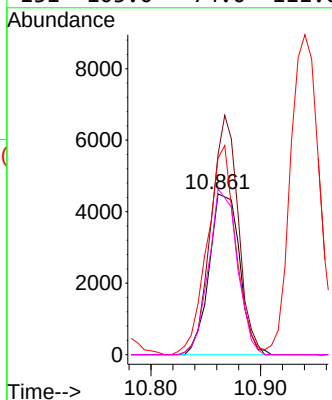
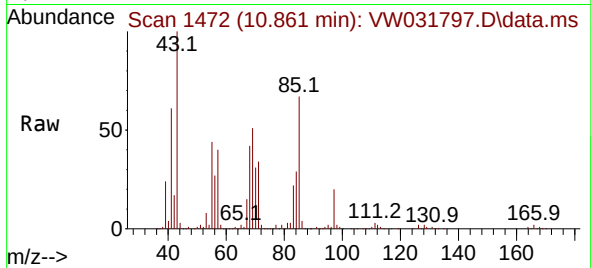




#64
Tetrachloroethene
Concen: 4.109 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

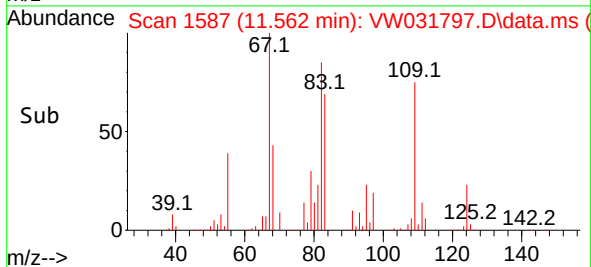
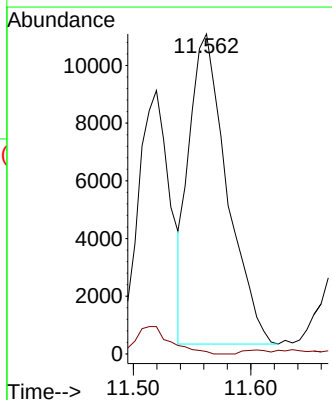
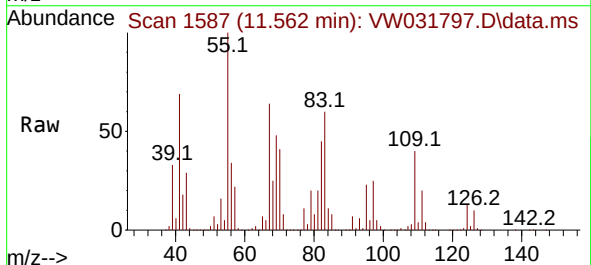
Instrument :
MSVOA_W
ClientSampleId :
GPX6

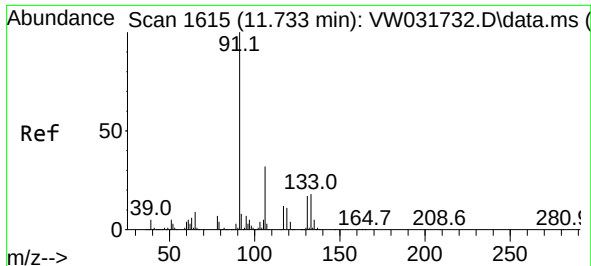
Tgt Ion:164 Resp: 8669
Ion Ratio Lower Upper
164 100
166 124.5 100.7 151.1
129 120.4 75.4 113.0#
131 103.0 74.0 111.0



#65
Chlorobenzene
Concen: 3.378 ug/l
RT: 11.562 min Scan# 1587
Delta R.T. -0.097 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

Tgt Ion:112 Resp: 24044
Ion Ratio Lower Upper
112 100
114 0.0 23.8 35.8#





#67

Ethyl Benzene

Concen: 158.820 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.000 min

Lab File: VW031797.D

Acq: 10 Jul 2025 13:03

Instrument :

MSVOA_W

ClientSampleId :

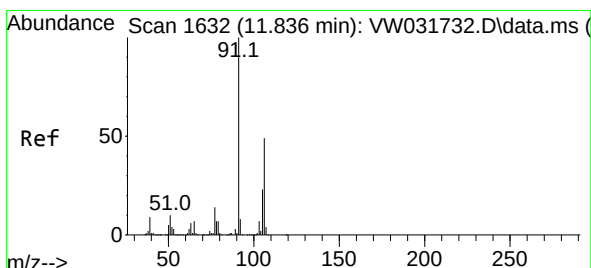
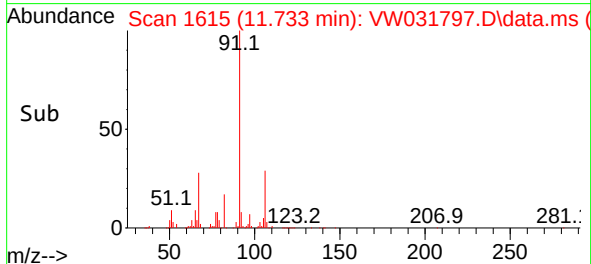
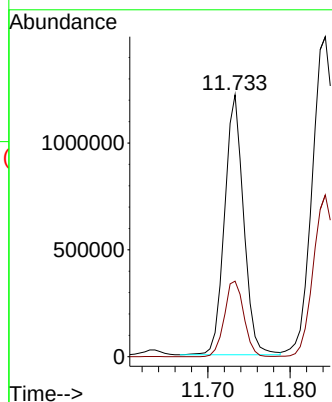
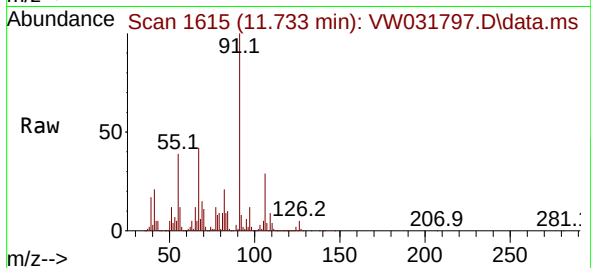
GPX6

Tgt Ion: 91 Resp: 1959994

Ion Ratio Lower Upper

91 100

106 29.0 25.4 38.2



#68

m/p-Xylenes

Concen: 295.347 ug/l

RT: 11.843 min Scan# 1633

Delta R.T. 0.006 min

Lab File: VW031797.D

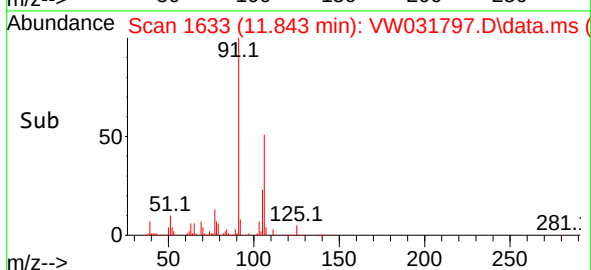
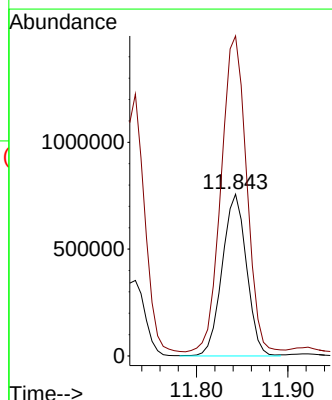
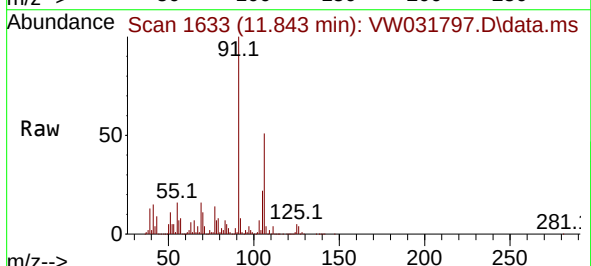
Acq: 10 Jul 2025 13:03

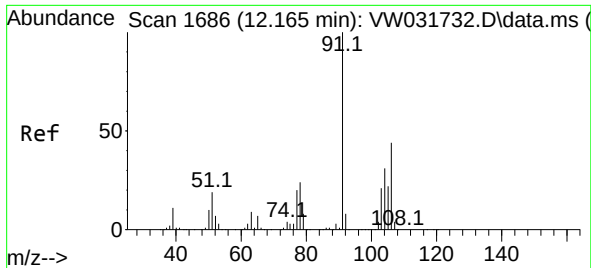
Tgt Ion:106 Resp: 1401145

Ion Ratio Lower Upper

106 100

91 207.4 166.4 249.6

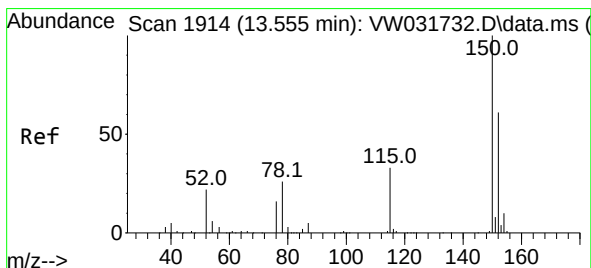
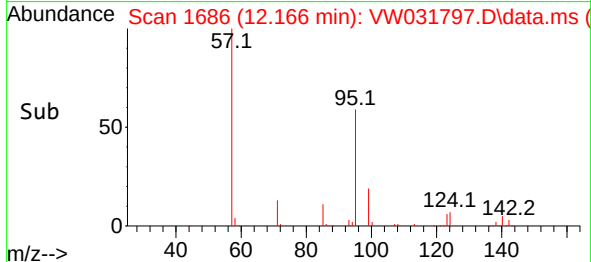
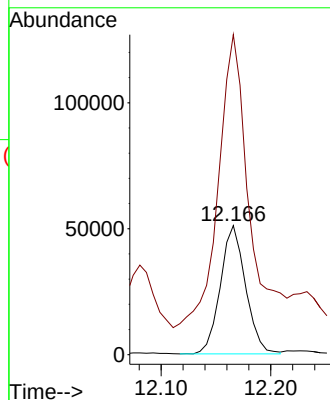
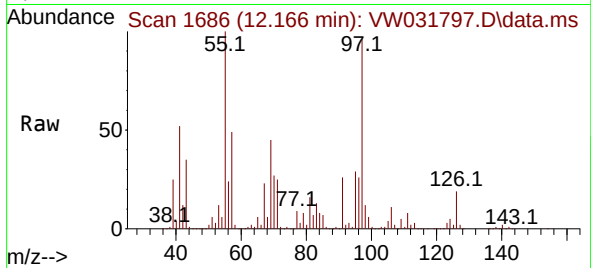




#69
o-Xylene
Concen: 18.550 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

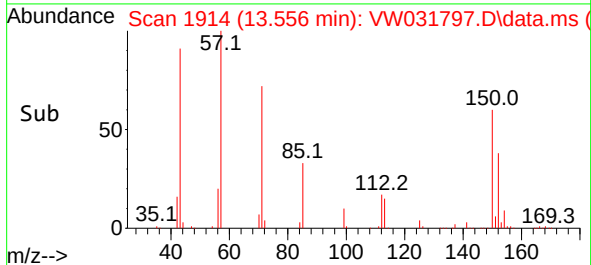
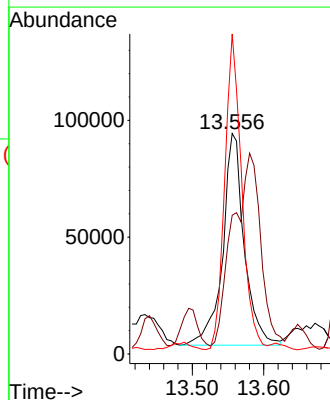
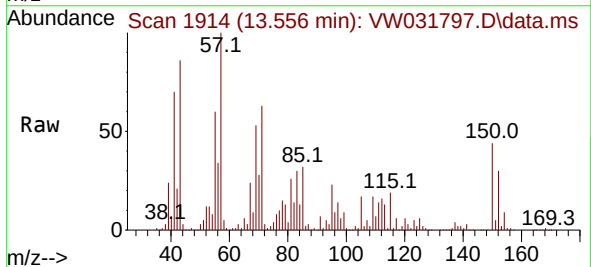
Instrument :
MSVOA_W
ClientSampleId :
GPX6

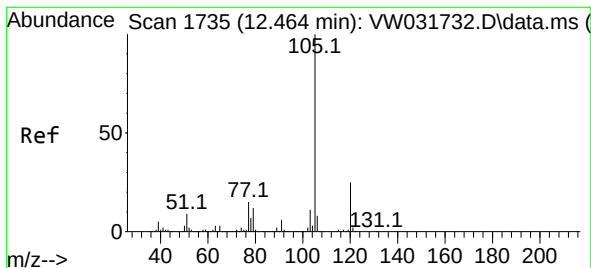
Tgt Ion:106 Resp: 81479
Ion Ratio Lower Upper
106 100
91 273.8 111.5 334.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

Tgt Ion:152 Resp: 190018
Ion Ratio Lower Upper
152 100
115 0.0 31.9 95.7#
150 116.7 0.0 356.4





#73

Isopropylbenzene

Concen: 49.488 ug/l

RT: 12.465 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031797.D

Acq: 10 Jul 2025 13:03

Instrument :

MSVOA_W

ClientSampleId :

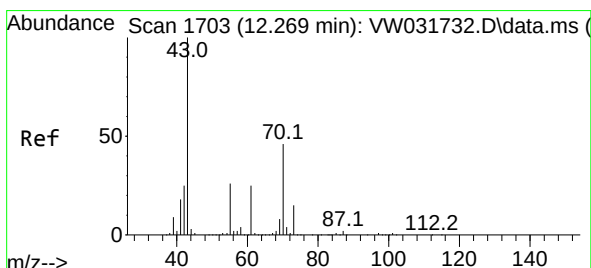
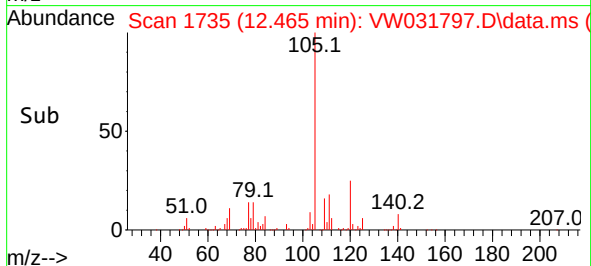
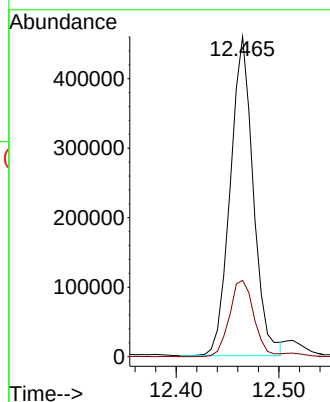
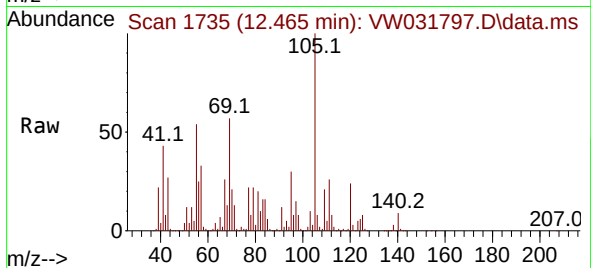
GPX6

Tgt Ion:105 Resp: 715293

Ion Ratio Lower Upper

105 100

120 25.4 12.8 38.4



#74

N-ethyl acetate

Concen: 249.949 ug/l

RT: 12.251 min Scan# 1700

Delta R.T. -0.018 min

Lab File: VW031797.D

Acq: 10 Jul 2025 13:03

Tgt Ion: 43 Resp: 973747

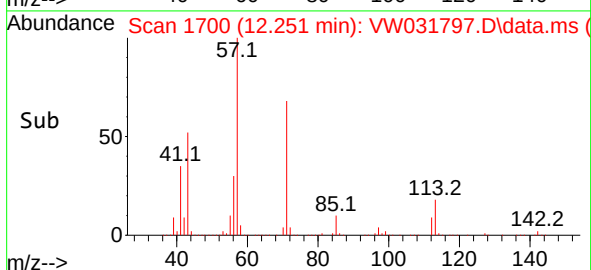
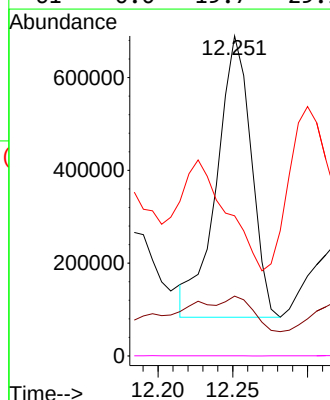
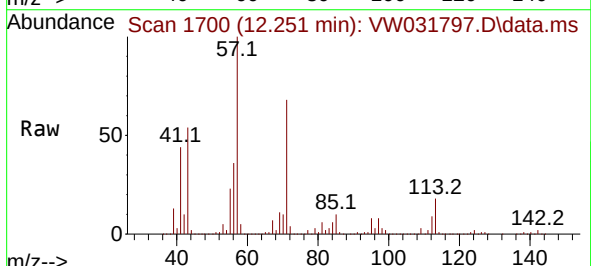
Ion Ratio Lower Upper

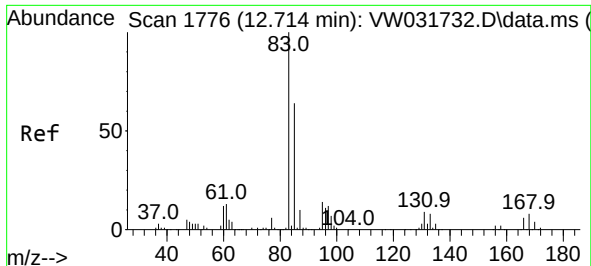
43 100

70 0.0 36.0 54.0#

55 0.0 20.8 31.2#

61 0.0 19.7 29.5#

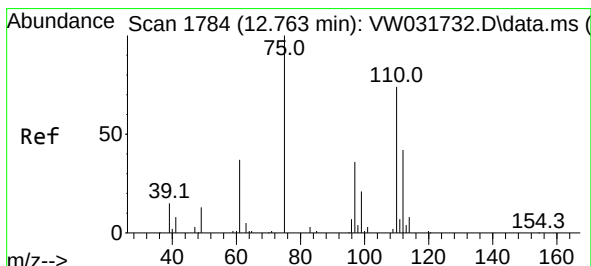
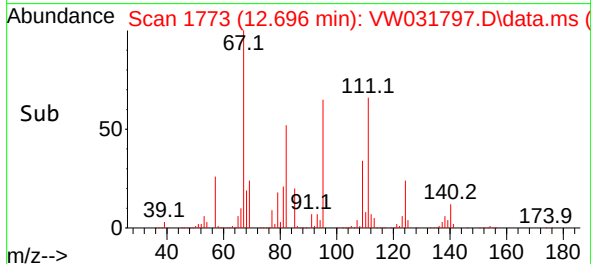
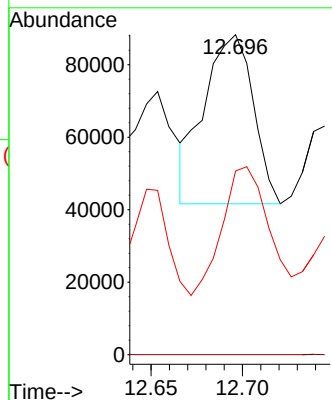
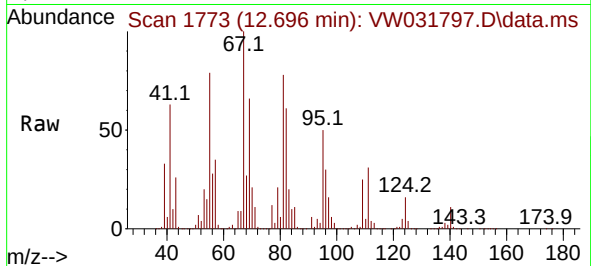




#75
1,1,2,2-Tetrachloroethane
Concen: 27.180 ug/l
RT: 12.696 min Scan# 1773
Delta R.T. -0.018 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

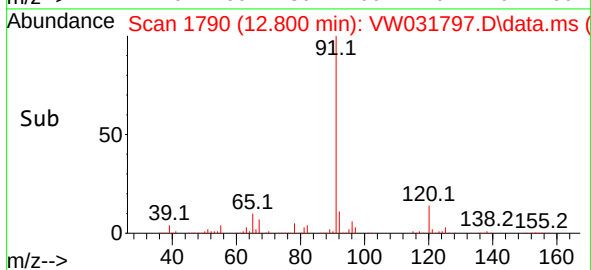
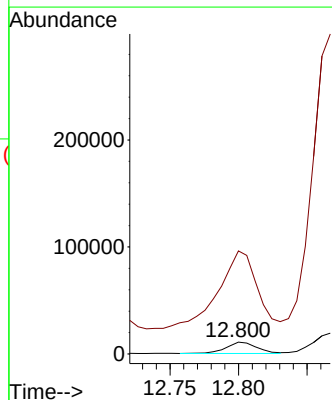
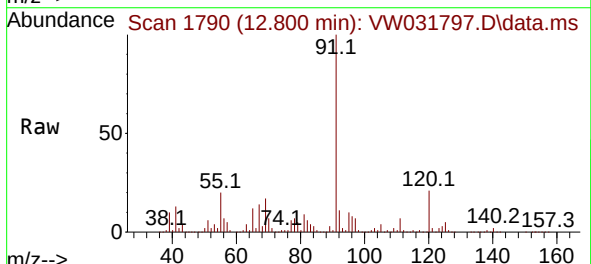
Instrument :
MSVOA_W
ClientSampleId :
GPX6

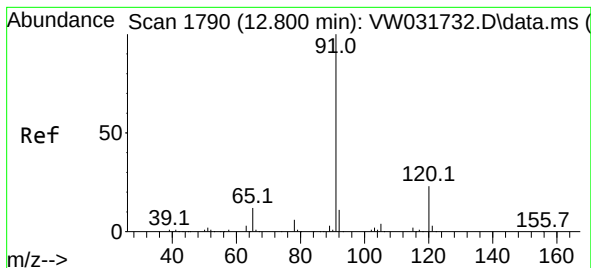
Tgt Ion: 83 Resp: 87216
Ion Ratio Lower Upper
83 100
131 0.0 5.3 16.1#
85 71.0 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 6.711 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.037 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

Tgt Ion: 75 Resp: 16479
Ion Ratio Lower Upper
75 100
77 876.8 141.2 423.6#





#78

n-propylbenzene

Concen: 150.581 ug/l

RT: 12.800 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031797.D

Acq: 10 Jul 2025 13:03

Instrument :

MSVOA_W

ClientSampleId :

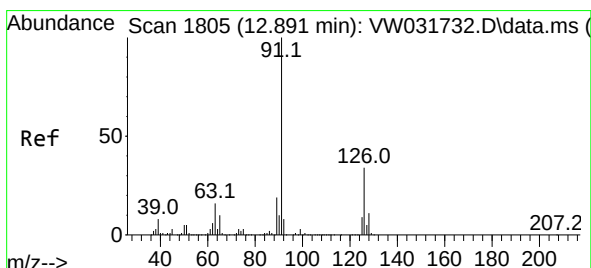
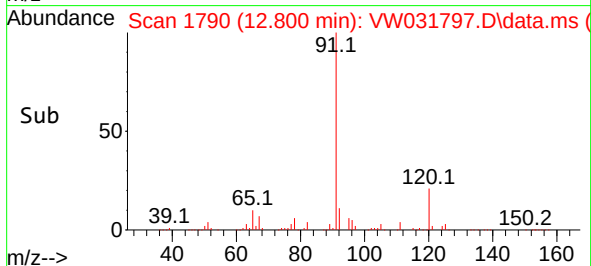
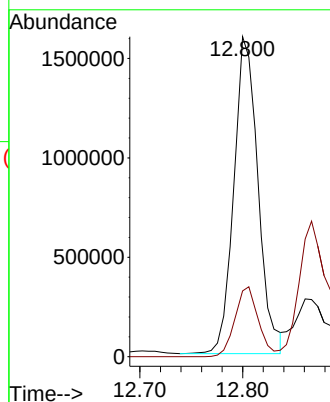
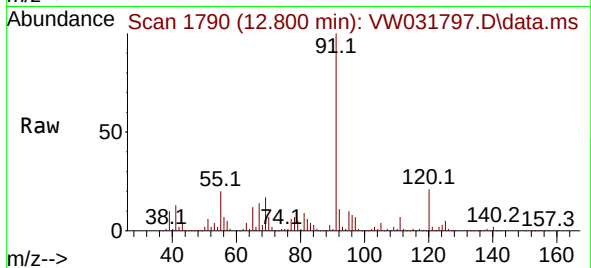
GPX6

Tgt Ion: 91 Resp: 2606277

Ion Ratio Lower Upper

91 100

120 21.2 11.5 34.4



#79

2-Chlorotoluene

Concen: 29.561 ug/l

RT: 12.897 min Scan# 1806

Delta R.T. 0.006 min

Lab File: VW031797.D

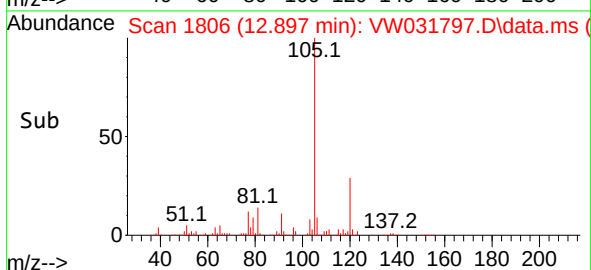
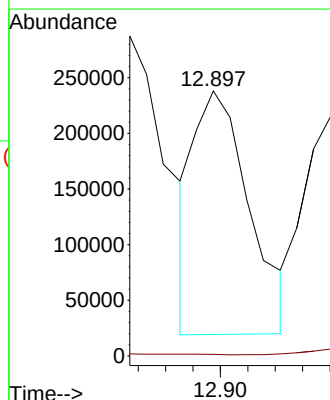
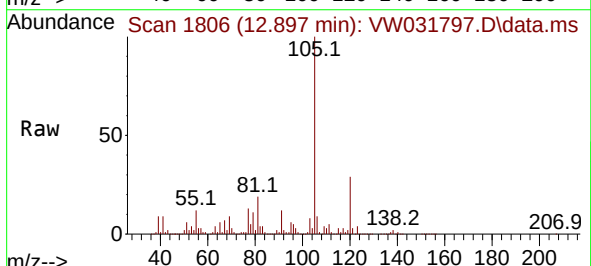
Acq: 10 Jul 2025 13:03

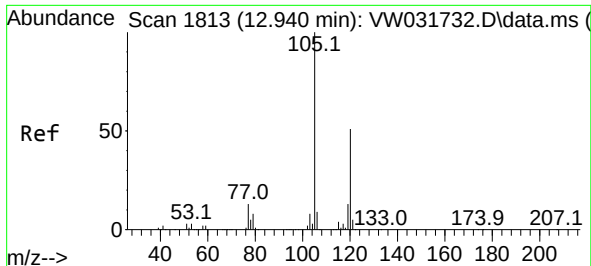
Tgt Ion: 91 Resp: 308100

Ion Ratio Lower Upper

91 100

126 0.0 15.8 47.4#

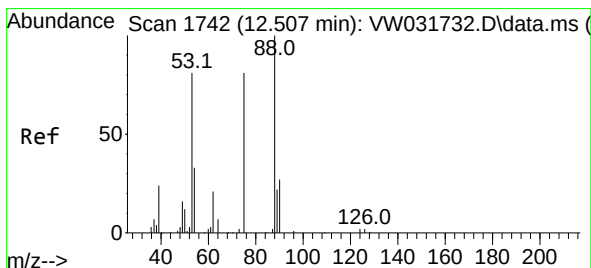
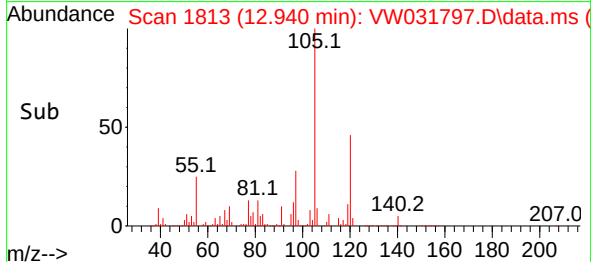
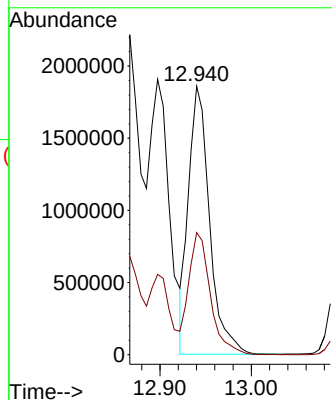
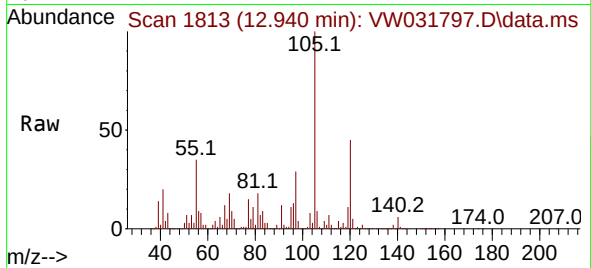




#80
1,3,5-Trimethylbenzene
Concen: 249.155 ug/l
RT: 12.940 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

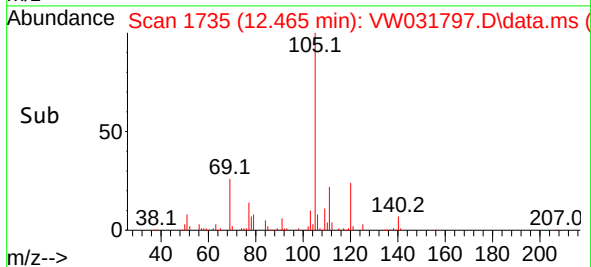
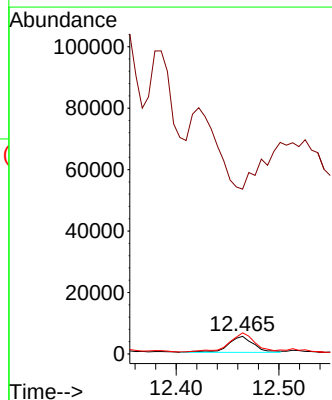
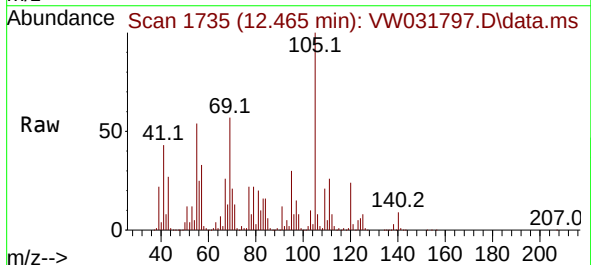
Instrument :
MSVOA_W
ClientSampleId :
GPX6

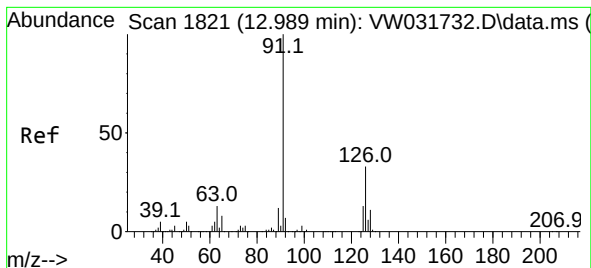
Tgt Ion:105 Resp: 2980928
Ion Ratio Lower Upper
105 100
120 46.7 23.8 71.2



#81
trans-1,4-Dichloro-2-butene
Concen: 8.483 ug/l
RT: 12.465 min Scan# 1735
Delta R.T. -0.042 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

Tgt Ion: 75 Resp: 8943
Ion Ratio Lower Upper
75 100
53 0.0 83.5 125.3#
89 118.2 38.3 57.5#





#82

4-Chlorotoluene

Concen: 29.929 ug/l

RT: 12.940 min Scan# 1813

Delta R.T. -0.048 min

Lab File: VW031797.D

Acq: 10 Jul 2025 13:03

Instrument :

MSVOA_W

ClientSampleId :

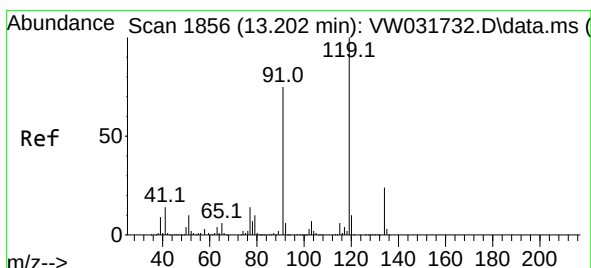
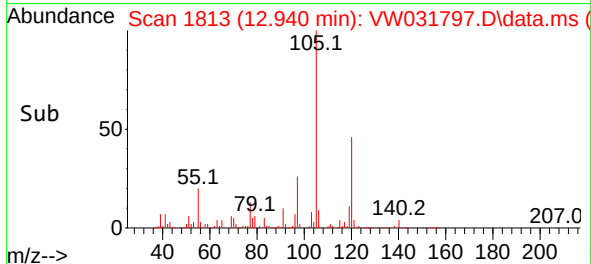
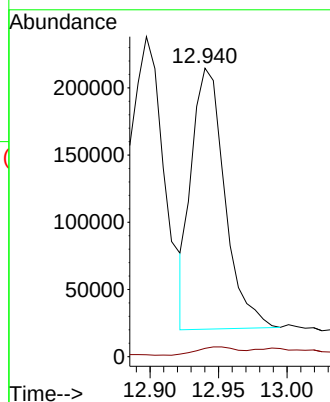
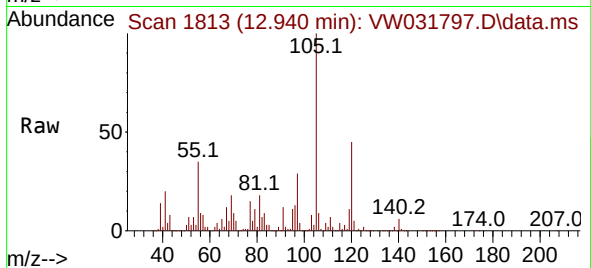
GPX6

Tgt Ion: 91 Resp: 327495

Ion Ratio Lower Upper

91 100

126 4.0 16.0 47.9#



#83

tert-Butylbenzene

Concen: 4.042 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. 0.000 min

Lab File: VW031797.D

Acq: 10 Jul 2025 13:03

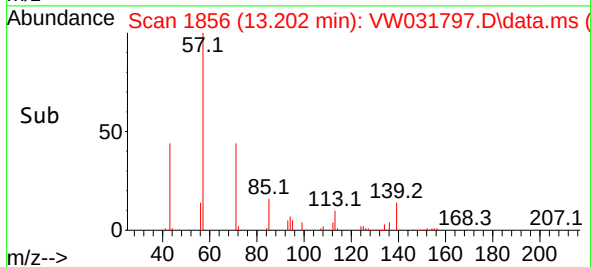
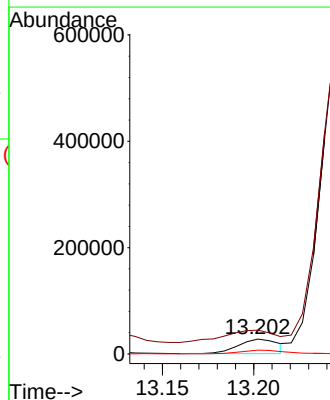
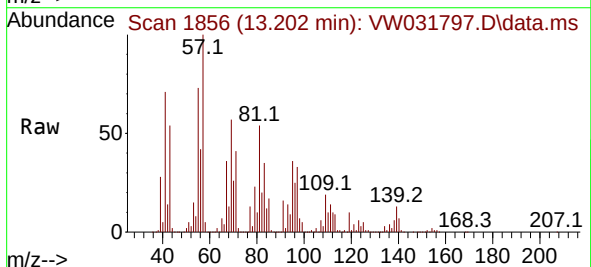
Tgt Ion: 119 Resp: 41423

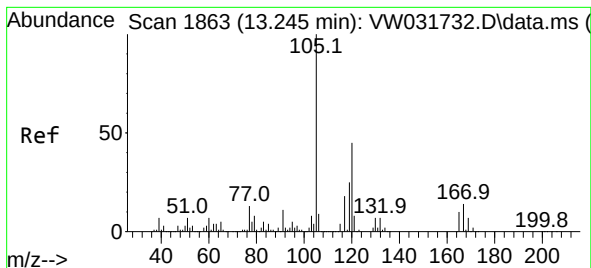
Ion Ratio Lower Upper

119 100

91 106.8 36.0 108.1

134 0.0 12.4 37.2#





#84

1,2,4-Trimethylbenzene

Concen: 745.313 ug/l

RT: 13.251 min Scan# 1864

Delta R.T. 0.006 min

Lab File: VW031797.D

Acq: 10 Jul 2025 13:03

Instrument :

MSVOA_W

ClientSampleId :

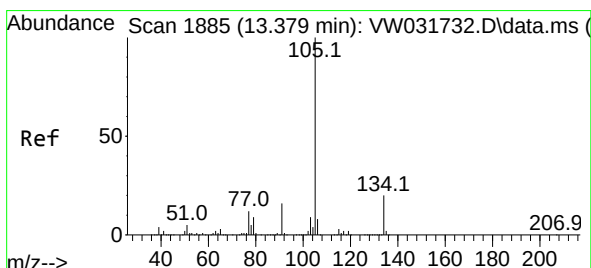
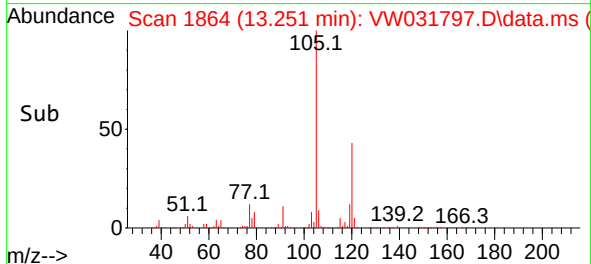
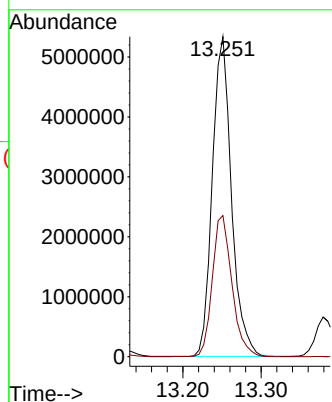
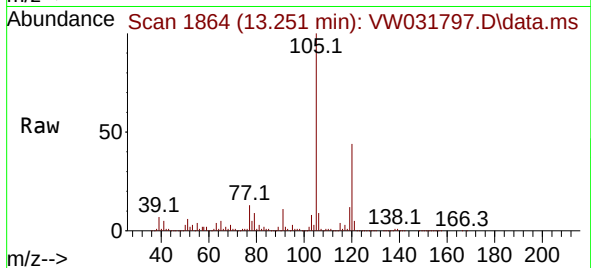
GPX6

Tgt Ion:105 Resp: 9034854

Ion Ratio Lower Upper

105 100

120 45.3 22.1 66.1



#85

sec-Butylbenzene

Concen: 71.865 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VW031797.D

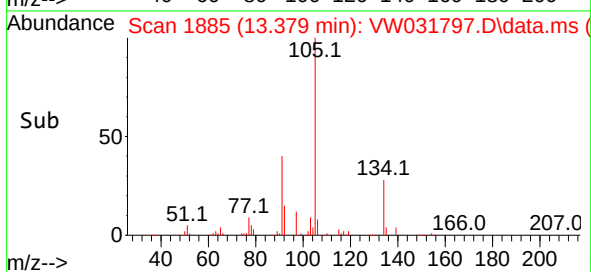
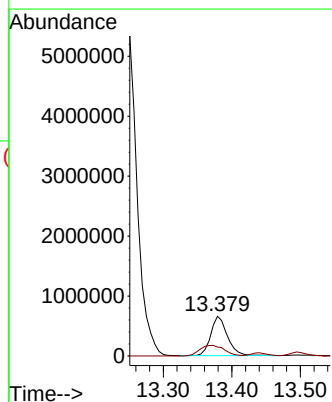
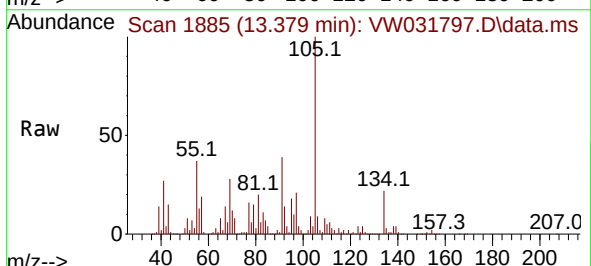
Acq: 10 Jul 2025 13:03

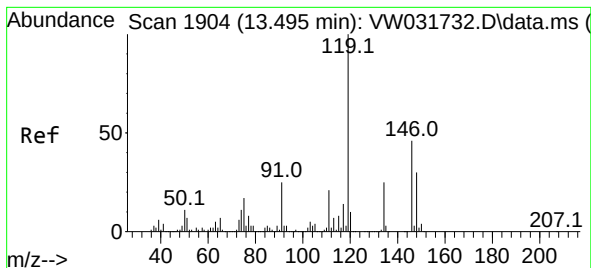
Tgt Ion:105 Resp: 1105459

Ion Ratio Lower Upper

105 100

134 39.9 9.6 28.8#





#86

p-Isopropyltoluene

Concen: 32.862 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031797.D

Acq: 10 Jul 2025 13:03

Instrument :

MSVOA_W

ClientSampleId :

GPX6

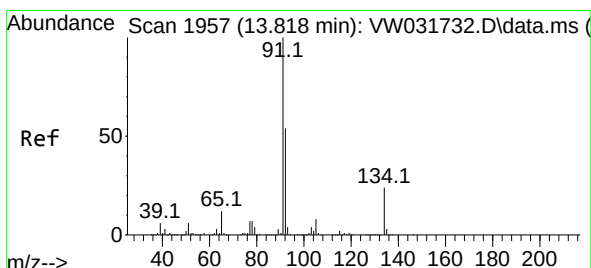
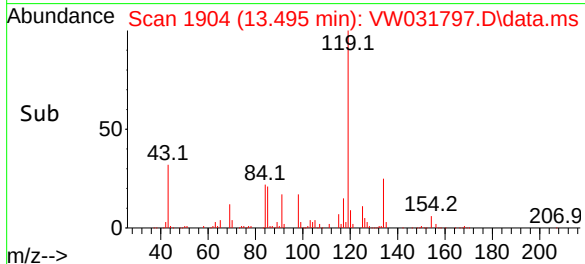
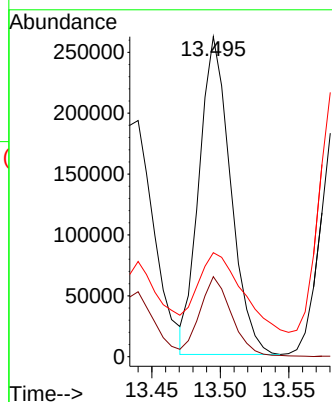
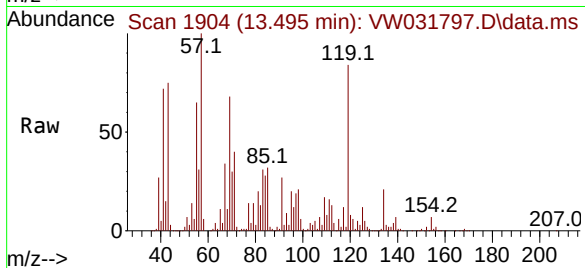
Tgt Ion:119 Resp: 416601

Ion Ratio Lower Upper

119 100

134 25.5 12.9 38.7

91 34.9 12.7 38.0



#89

n-Butylbenzene

Concen: 141.970 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW031797.D

Acq: 10 Jul 2025 13:03

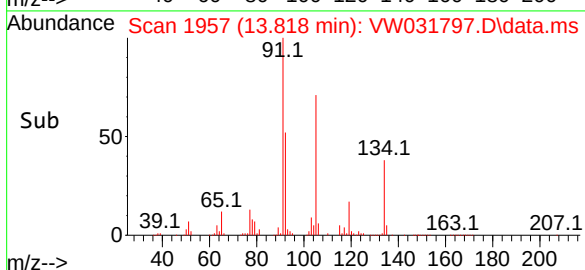
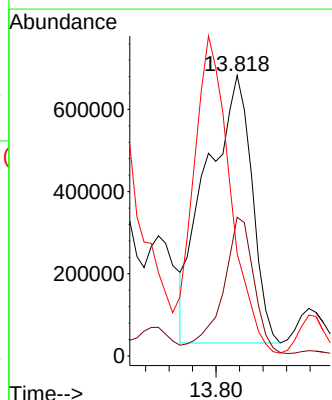
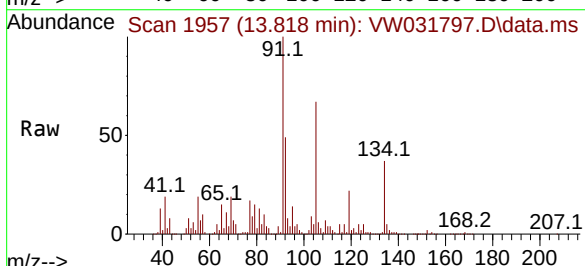
Tgt Ion: 91 Resp: 1748699

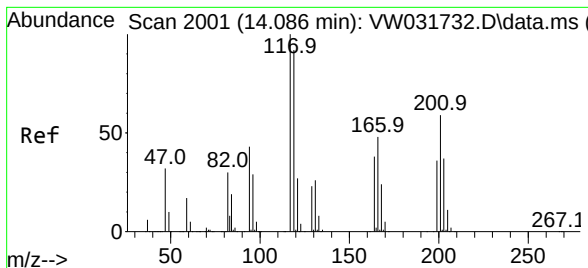
Ion Ratio Lower Upper

91 100

92 35.5 27.2 81.5

134 0.0 12.2 36.6#

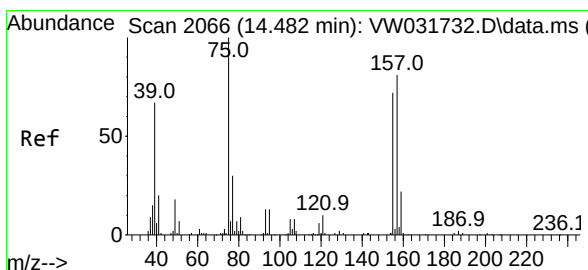
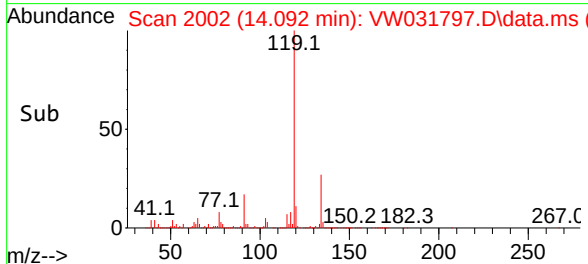
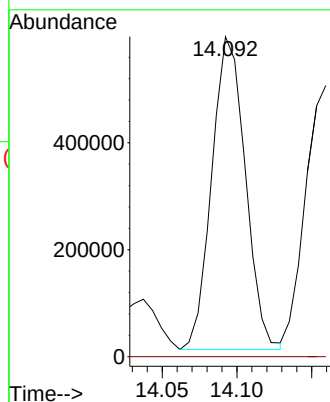
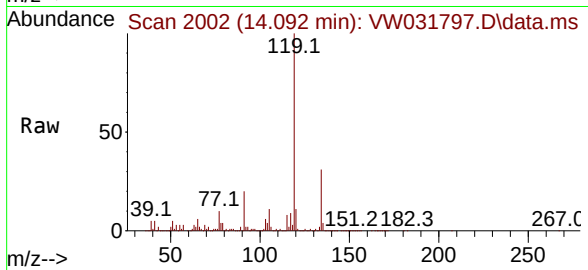




#90
Hexachloroethane
Concen: 398.880 ug/l
RT: 14.092 min Scan# 2001
Delta R.T. 0.006 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

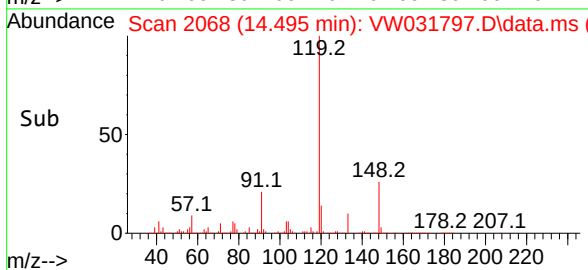
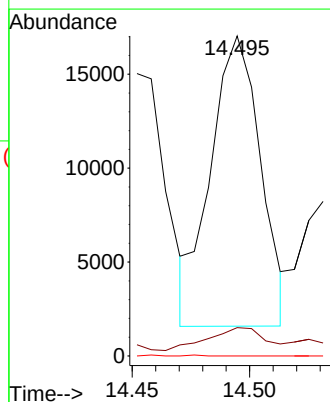
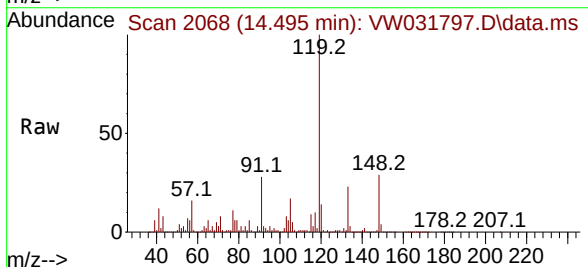
Instrument :
MSVOA_W
ClientSampleId :
GPX6

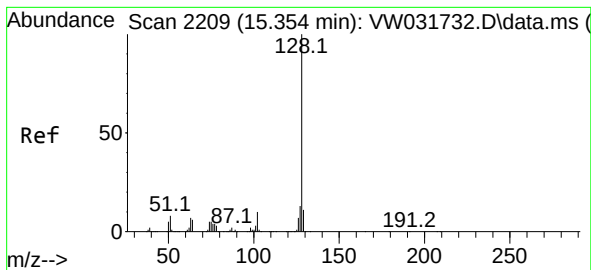
Tgt Ion:117 Resp: 912282
Ion Ratio Lower Upper
117 100
201 0.0 31.1 93.3#



#92
1,2-Dibromo-3-Chloropropane
Concen: 36.399 ug/l
RT: 14.495 min Scan# 2068
Delta R.T. 0.013 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

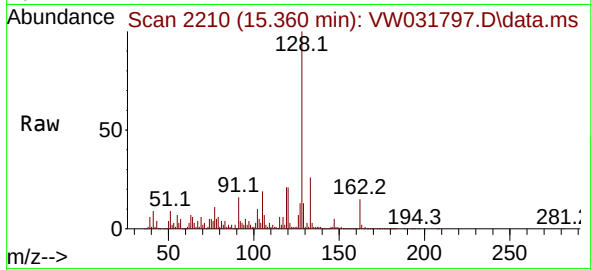
Tgt Ion: 75 Resp: 22806
Ion Ratio Lower Upper
75 100
155 8.8 37.2 111.6#
157 0.1 45.6 136.9#





#95
Naphthalene
Concen: 105.146 ug/l
RT: 15.360 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

Instrument :
MSVOA_W
ClientSampleId :
GPX6



Tgt Ion:128 Resp: 939389
Ion Ratio Lower Upper
128 100
127 12.3 10.8 16.2
129 9.4 8.7 13.1

