

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
 Data File : VW031777.D
 Acq On : 09 Jul 2025 15:40
 Operator : SY/MD
 Sample : Q2480-07
 Misc : 8.69g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GPX7

Quant Time: Jul 10 01:27:41 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	202570	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	393419	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	350819	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	185596	50.000	ug/l	# 0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.319	65	135752	46.697	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	93.400%
35) Dibromofluoromethane	7.904	113	121682	47.398	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	94.800%
50) Toluene-d8	10.325	98	996185	104.272	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	208.540%#
62) 4-Bromofluorobenzene	12.611	95	352944	100.389	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	200.780%#

Target Compounds

						Qvalue
11) Tert butyl alcohol	5.234	59	1025	5.691	ug/l #	69
13) Acrolein	3.887	56	4703	14.529	ug/l #	1
14) Allyl chloride	4.795	41	39736	10.730	ug/l #	69
15) Acrylonitrile	5.472	53	82748	111.540	ug/l #	40
16) Acetone	4.161	43	139997	194.833	ug/l #	66
17) Carbon Disulfide	4.435	76	8839	1.368	ug/l	97
18) Methyl Acetate	4.789	43	24733	12.044	ug/l #	50
20) Methylene Chloride	4.960	84	34037	8.050	ug/l #	17
23) Vinyl Acetate	6.325	43	23767	4.817	ug/l #	75
25) 2-Butanone	7.191	43	48333	51.704	ug/l #	56
26) 2,2-Dichloropropane	7.014	77	28613	10.473	ug/l #	52
29) Tetrahydrofuran	7.545	42	5569	8.699	ug/l #	31
30) Chloroform	7.648	83	230111	46.246	ug/l #	18
31) Cyclohexane	7.971	56	2838173	685.663	ug/l #	95
37) Ethyl Acetate	7.191	43	48333	20.625	ug/l #	71
38) Carbon Tetrachloride	7.959	117	21823	5.765	ug/l #	16
39) Methylcyclohexane	9.349	83	10589796	2291.187	ug/l	95
40) Benzene	8.337	78	61300	5.577	ug/l	93
41) Methacrylonitrile	7.545	41	52563	41.871	ug/l #	47
42) 1,2-Dichloroethane	8.453	62	11414	3.073	ug/l #	1
43) Isopropyl Acetate	8.435	43	632848	156.662	ug/l #	52
45) 1,2-Dichloropropane	9.343	63	121754	45.835	ug/l #	1
47) Bromodichloromethane	9.630	83	400503	99.589	ug/l #	28
48) Methyl methacrylate	9.526	41	1017368	512.195	ug/l #	57
49) 1,4-Dioxane	9.514	88	22	1.095	ug/l #	1
51) 4-Methyl-2-Pentanone	10.325	43	400046	172.256	ug/l #	39
52) Toluene	10.392	92	8473	1.204	ug/l #	37
55) 1,1,2-Trichloroethane	10.770	97	2106372	937.641	ug/l #	23
56) Ethyl methacrylate	10.672	69	606409	198.973	ug/l #	21
58) 2-Chloroethyl Vinyl ether	9.916	63	18867	11.242	ug/l #	45
59) 2-Hexanone	10.940	43	1062993	675.452	ug/l #	29
60) Dibromochloromethane	11.044	129	6143	2.287	ug/l #	11
61) 1,2-Dibromoethane	11.209	107	10408	4.628	ug/l #	1
65) Chlorobenzene	11.556	112	16994	2.196	ug/l #	50
67) Ethyl Benzene	11.733	91	105811	7.883	ug/l #	87
68) m/p-Xylenes	11.849	106	99754	19.334	ug/l #	72

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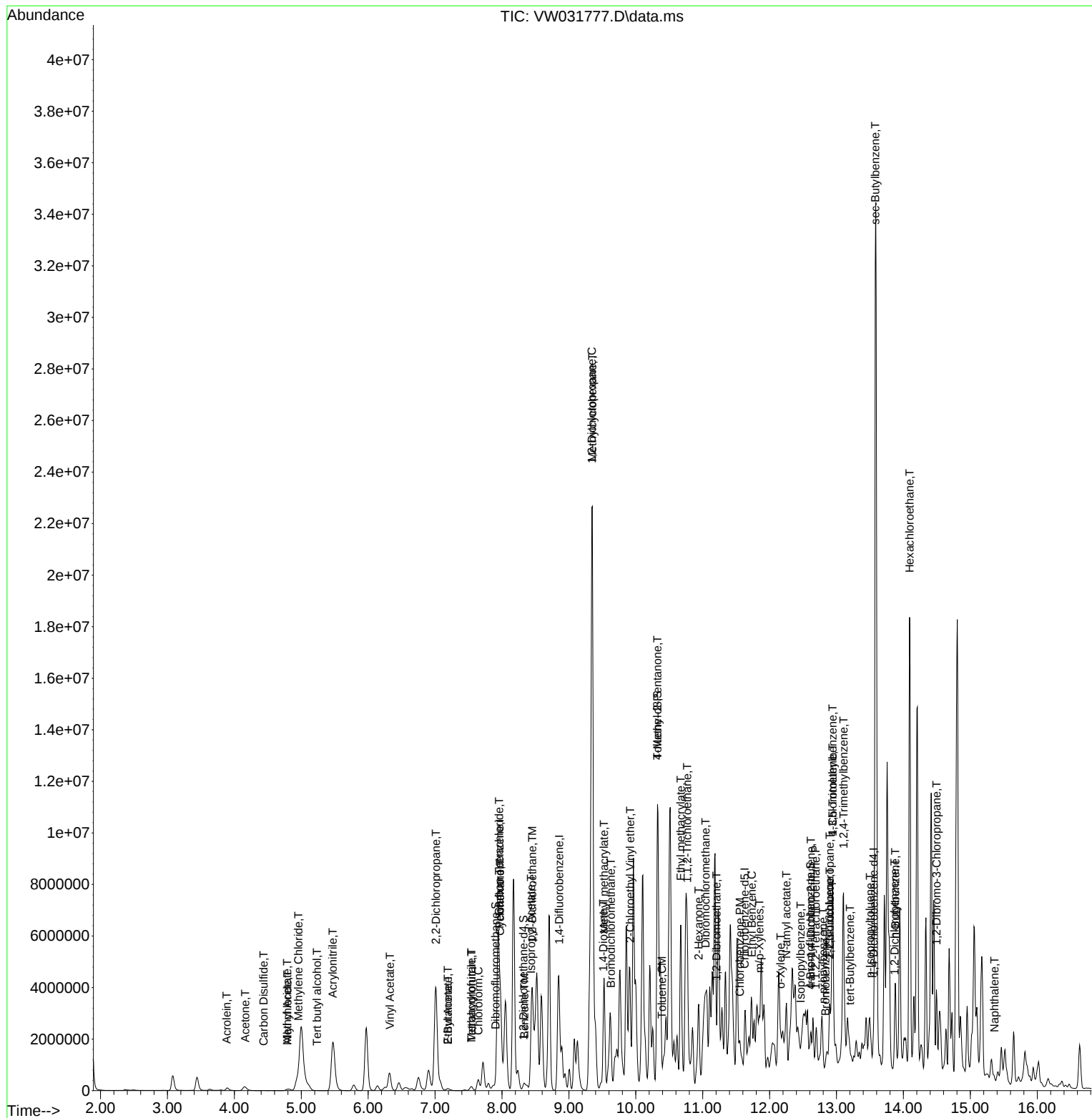
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
69) o-Xylene	12.166	106	70146	14.683	ug/l	83
73) Isopropylbenzene	12.465	105	35196	2.493	ug/l	96
74) N-amyl acetate	12.251	43	486295	127.800	ug/l #	59
75) 1,1,2,2-Tetrachloroethane	12.690	83	48637	15.518	ug/l #	85
76) 1,2,3-Trichloropropane	12.897	75	9861	4.111	ug/l #	1
77) Bromobenzene	12.836	156	91074	28.925	ug/l #	1
78) n-propylbenzene	12.800	91	33966	2.009	ug/l #	53
79) 2-Chlorotoluene	12.897	91	156201	15.344	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.940	105	3120859	267.066	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.617	75	87157	84.640	ug/l #	25
82) 4-Chlorotoluene	12.940	91	347156	32.482	ug/l #	46
83) tert-Butylbenzene	13.202	119	92110	9.202	ug/l	95
84) 1,2,4-Trimethylbenzene	13.105	105	4514526	381.290	ug/l	77
85) sec-Butylbenzene	13.580	105	18725826	1246.349	ug/l #	58
86) p-Isopropyltoluene	13.501	119	778666	62.885	ug/l	98
89) n-Butylbenzene	13.879	91	208720	17.349	ug/l #	1
90) Hexachloroethane	14.092	117	895130	400.706	ug/l #	19
91) 1,2-Dichlorobenzene	13.867	146	10309	1.786	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.495	75	9173	14.989	ug/l #	14
95) Naphthalene	15.360	128	13597	1.558	ug/l #	69

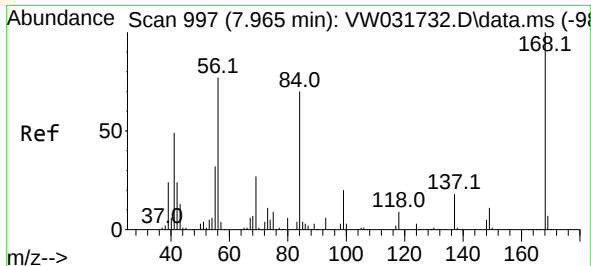
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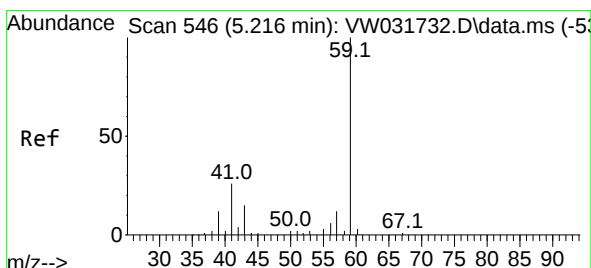
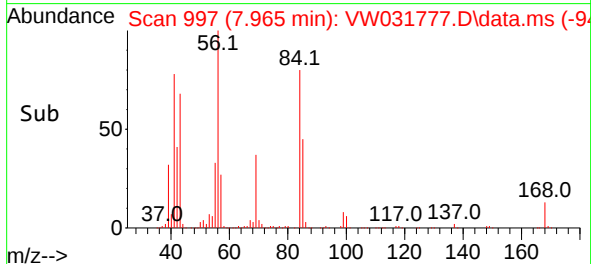
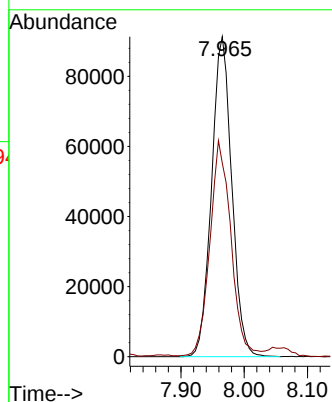
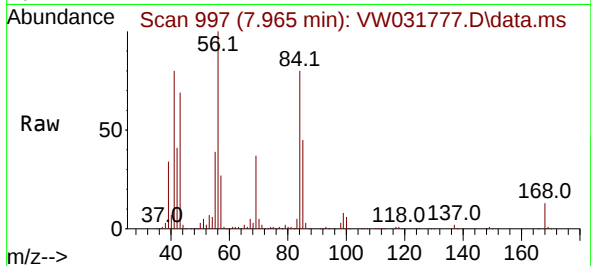




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
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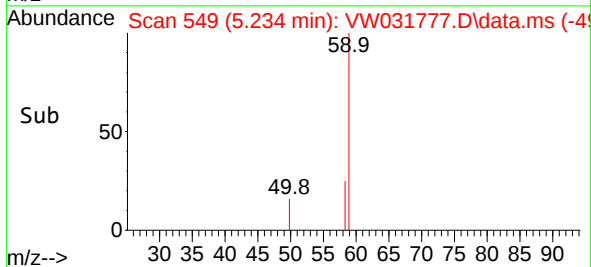
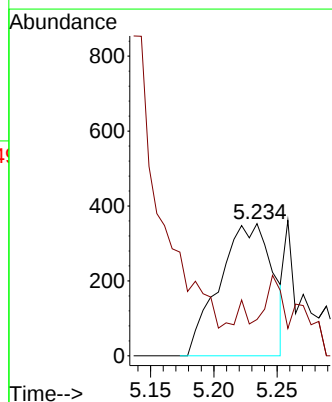
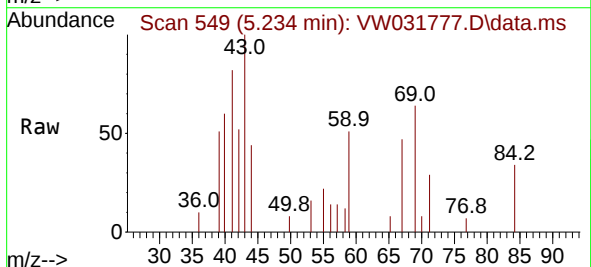
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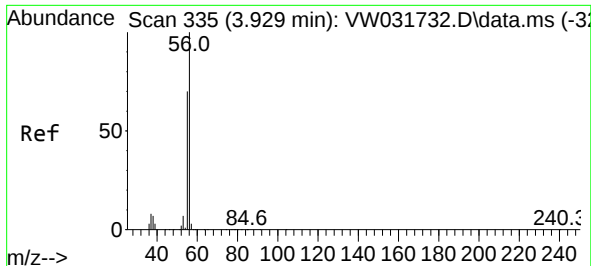
Tgt Ion:168 Resp: 202570
Ion Ratio Lower Upper
168 100
99 60.2 49.4 74.2



#11
Tert butyl alcohol
Concen: 5.691 ug/l
RT: 5.234 min Scan# 549
Delta R.T. 0.019 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

Tgt Ion: 59 Resp: 1025
Ion Ratio Lower Upper
59 100
57 0.0 9.5 14.3#

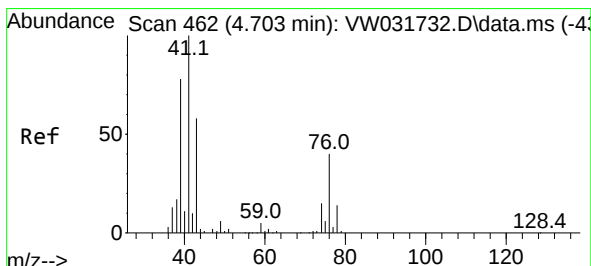
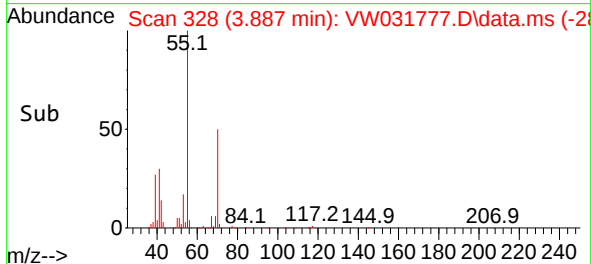
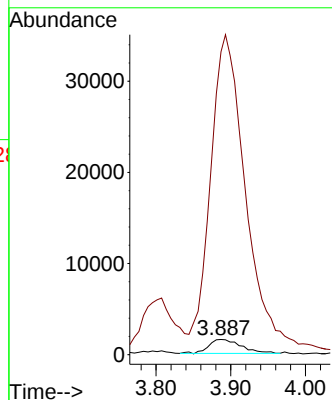
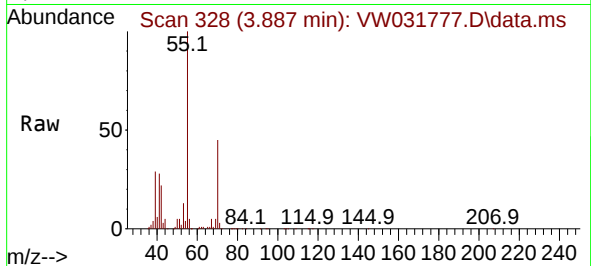




#13
Acrolein
Concen: 14.529 ug/l
RT: 3.887 min Scan# 31
Delta R.T. -0.042 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

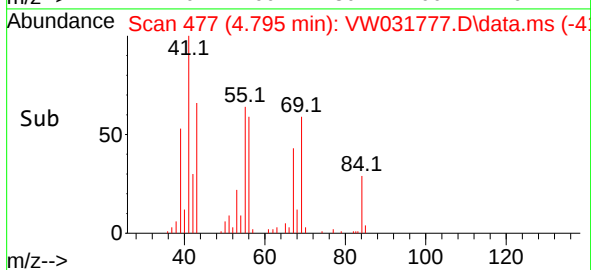
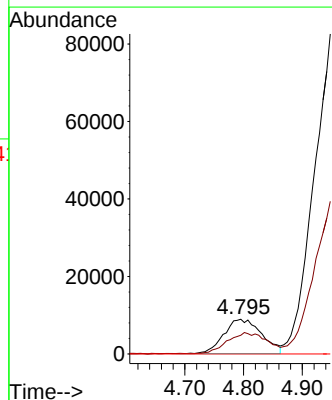
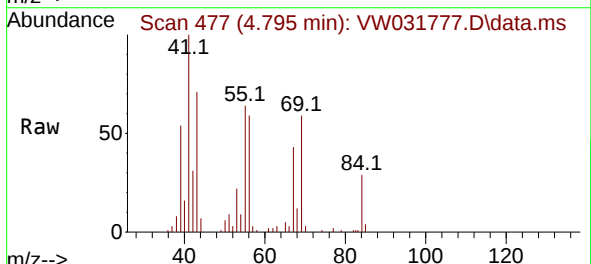
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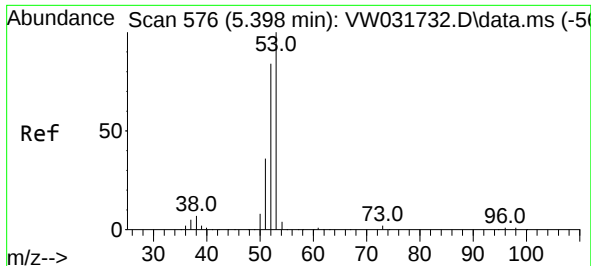
Tgt Ion: 56 Resp: 4703
Ion Ratio Lower Upper
56 100
55 2430.2 54.0 81.0#



#14
Allyl chloride
Concen: 10.730 ug/l
RT: 4.795 min Scan# 477
Delta R.T. 0.092 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

Tgt Ion: 41 Resp: 39736
Ion Ratio Lower Upper
41 100
39 63.6 60.7 91.1
76 0.0 30.3 45.5#

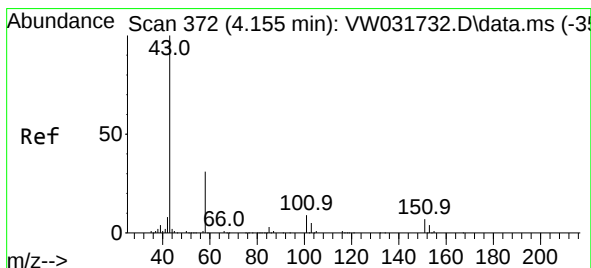
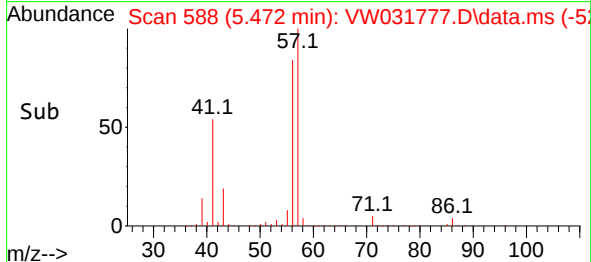
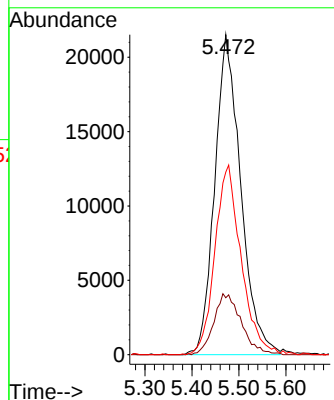
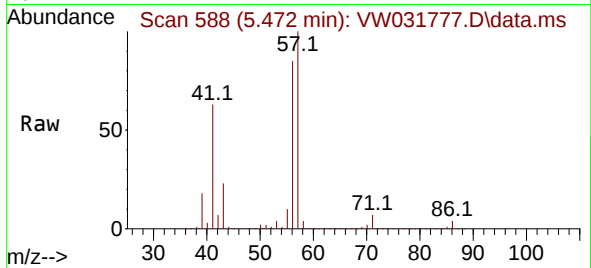




#15
Acrylonitrile
Concen: 111.540 ug/l
RT: 5.472 min Scan# 51
Delta R.T. 0.073 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

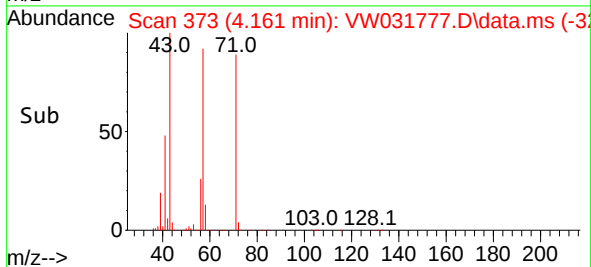
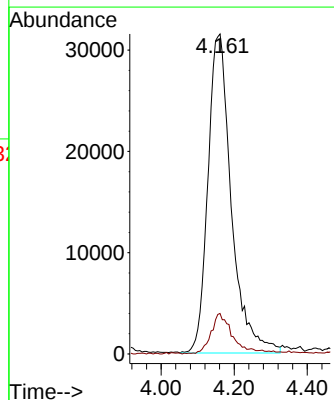
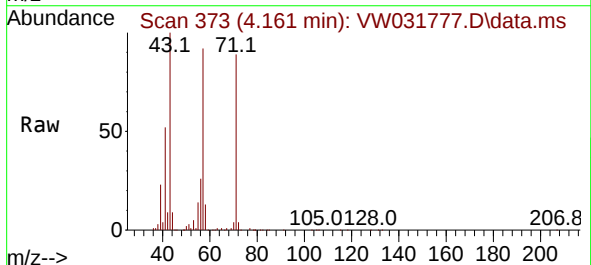
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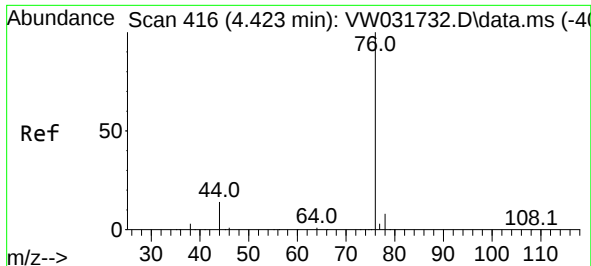
Tgt Ion: 53 Resp: 82748
Ion Ratio Lower Upper
53 100
52 20.2 66.4 99.6#
51 60.0 29.9 44.9#



#16
Acetone
Concen: 194.833 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.006 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

Tgt Ion: 43 Resp: 139997
Ion Ratio Lower Upper
43 100
58 12.4 24.8 37.2#

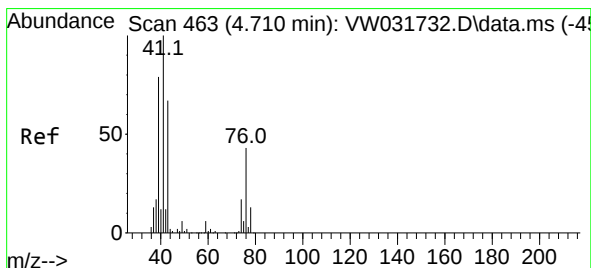
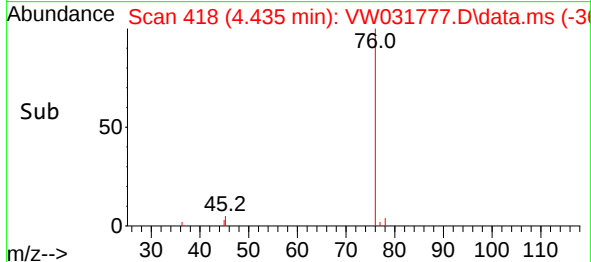
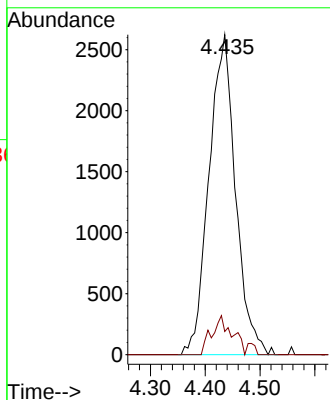
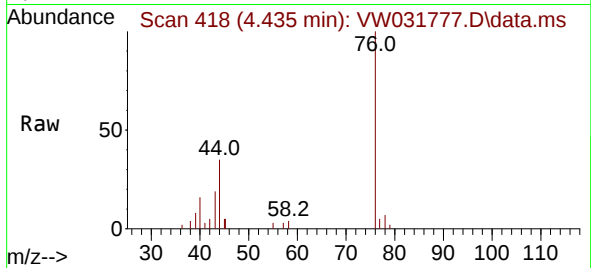




#17
Carbon Disulfide
Concen: 1.368 ug/l
RT: 4.435 min Scan# 416
Delta R.T. 0.012 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

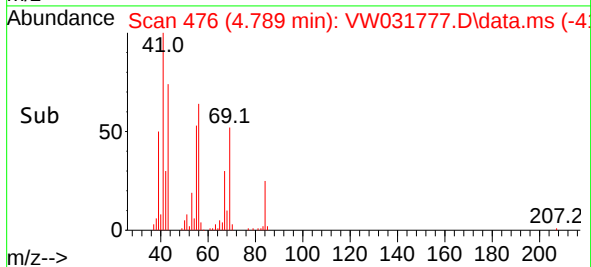
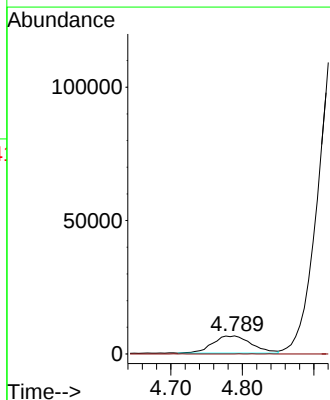
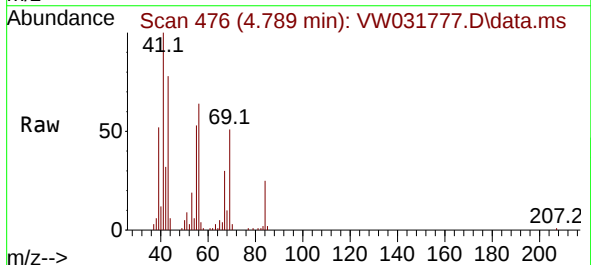
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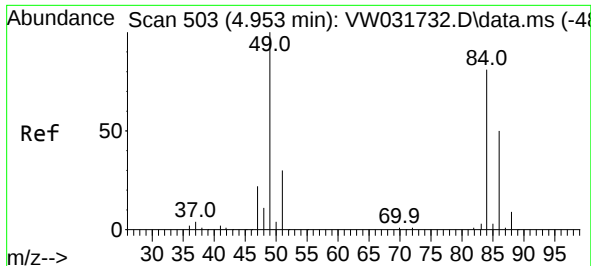
Tgt Ion: 76 Resp: 8839
Ion Ratio Lower Upper
76 100
78 7.2 6.6 10.0



#18
Methyl Acetate
Concen: 12.044 ug/l
RT: 4.789 min Scan# 476
Delta R.T. 0.080 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

Tgt Ion: 43 Resp: 24733
Ion Ratio Lower Upper
43 100
74 0.1 20.6 30.8#

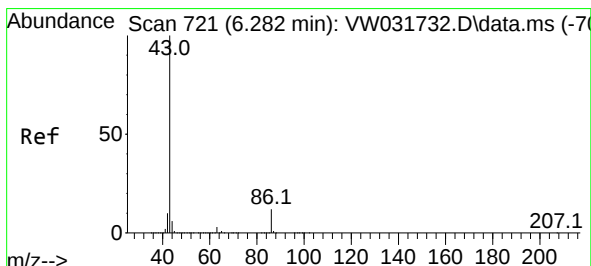
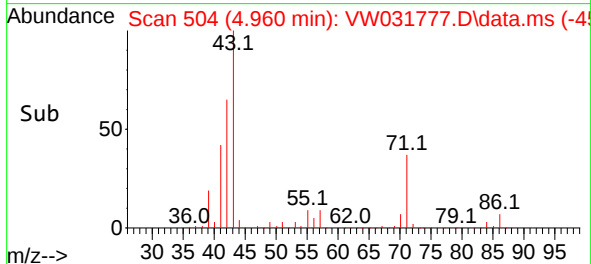
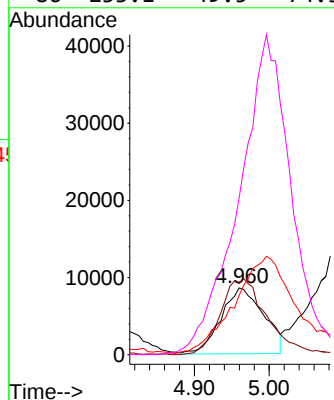
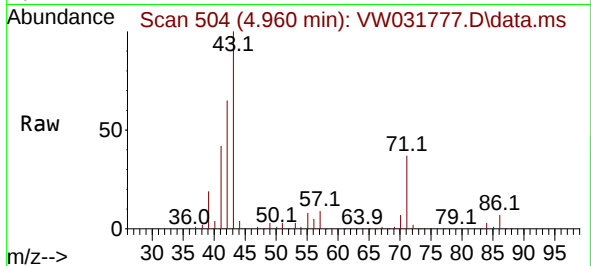




#20
Methylene Chloride
Concen: 8.050 ug/l
RT: 4.960 min Scan# 503
Delta R.T. 0.006 min
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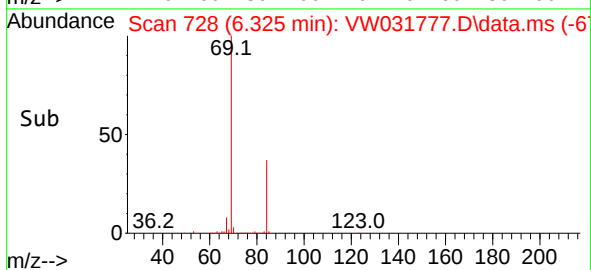
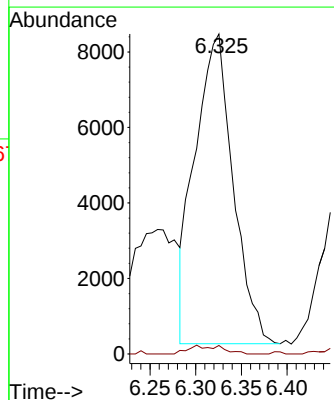
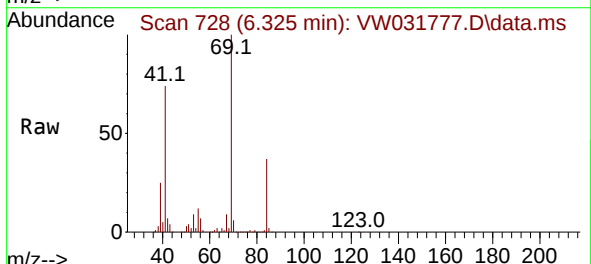
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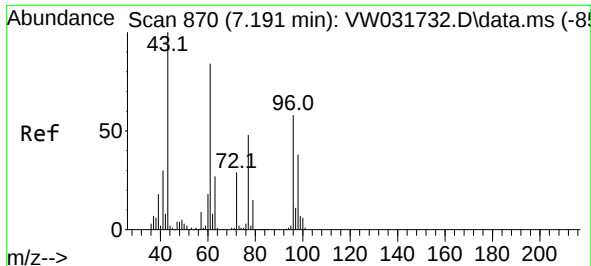
Tgt Ion:	84	Resp:	34037
Ion	Ratio	Lower	Upper
84	100		
49	109.6	98.2	147.4
51	87.2	29.8	44.8#
86	233.1	49.5	74.3#



#23
Vinyl Acetate
Concen: 4.817 ug/l
RT: 6.325 min Scan# 728
Delta R.T. 0.043 min
Lab File: VW031777.D
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Tgt Ion:	43	Resp:	23767
Ion	Ratio	Lower	Upper
43	100		
86	2.1	9.2	13.8#

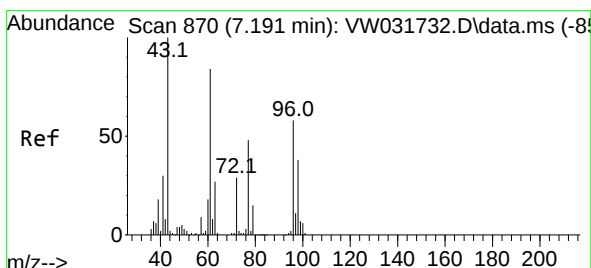
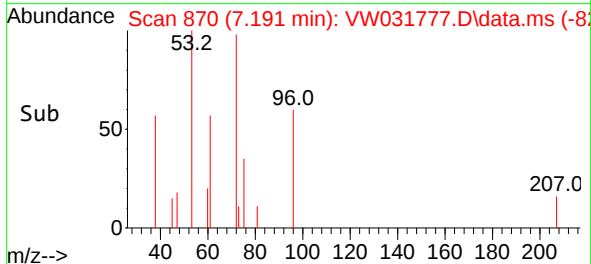
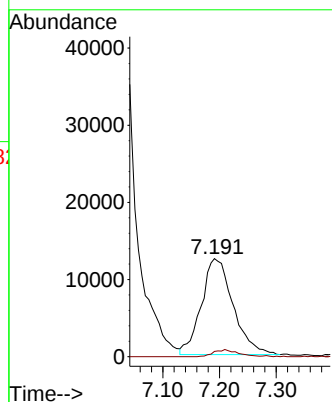
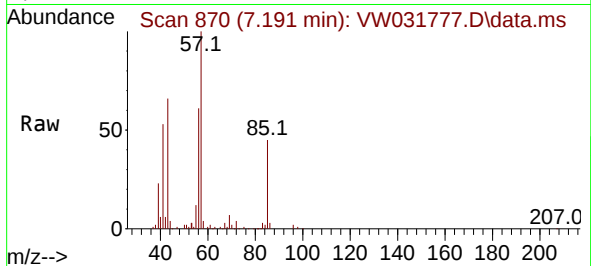




#25
2-Butanone
Concen: 51.704 ug/l
RT: 7.191 min Scan# 81
Delta R.T. 0.000 min
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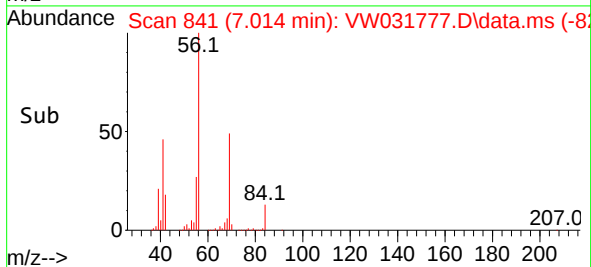
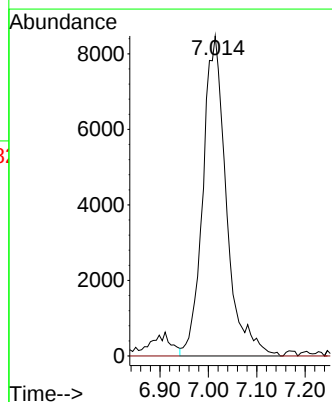
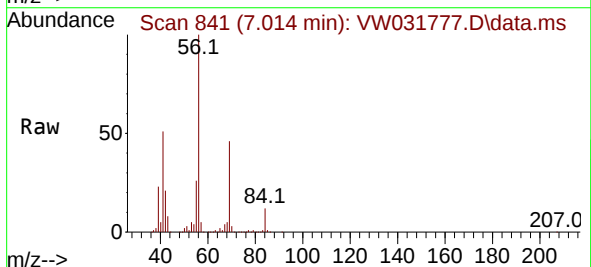
Instrument :
MSVOA_W
ClientSampleId :
GPX7

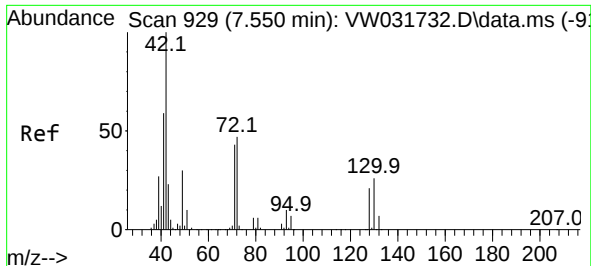
Tgt Ion: 43 Resp: 48333
Ion Ratio Lower Upper
43 100
72 5.5 23.0 34.6#



#26
2,2-Dichloropropane
Concen: 10.473 ug/l
RT: 7.014 min Scan# 841
Delta R.T. -0.176 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

Tgt Ion: 77 Resp: 28613
Ion Ratio Lower Upper
77 100
97 0.0 11.6 34.7#





#29

Tetrahydrofuran

Concen: 8.699 ug/l

RT: 7.545 min Scan# 91

Delta R.T. -0.006 min

Lab File: VW031777.D

Acq: 09 Jul 2025 15:40

Instrument :

MSVOA_W

ClientSampleId :

GPX7

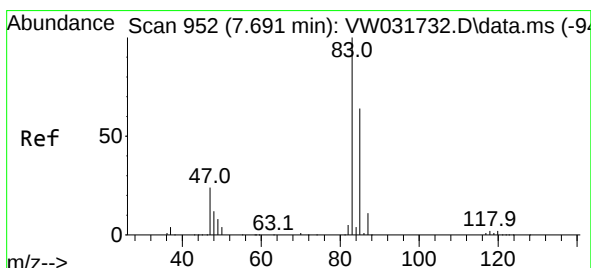
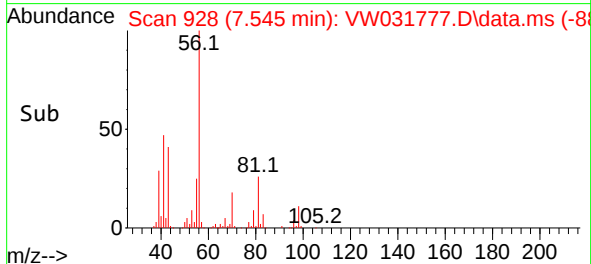
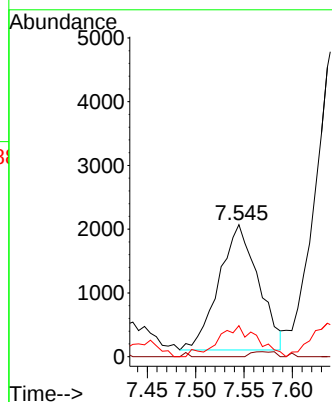
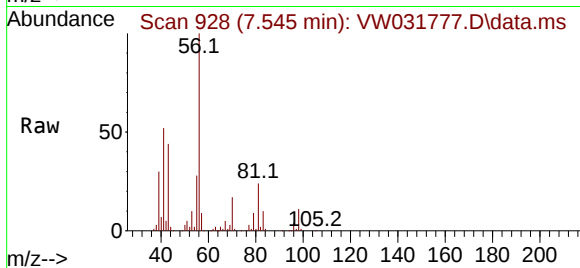
Tgt Ion: 42 Resp: 5569

Ion Ratio Lower Upper

42 100

72 0.0 36.8 55.2#

71 0.0 34.6 52.0#



#30

Chloroform

Concen: 46.246 ug/l

RT: 7.648 min Scan# 945

Delta R.T. -0.042 min

Lab File: VW031777.D

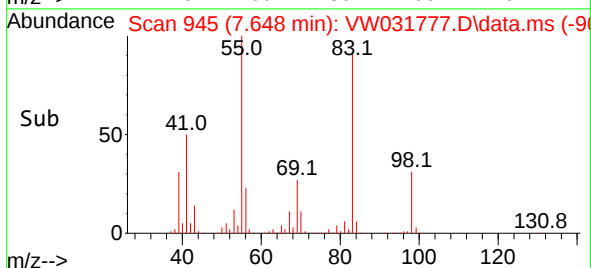
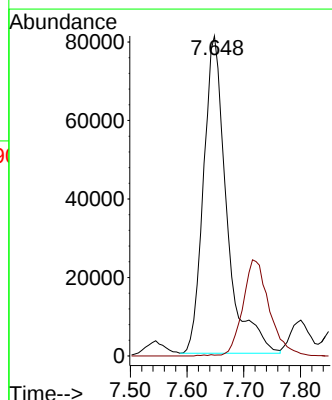
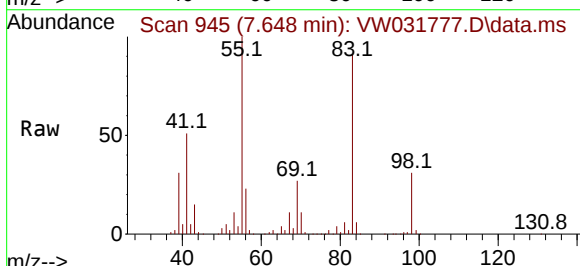
Acq: 09 Jul 2025 15:40

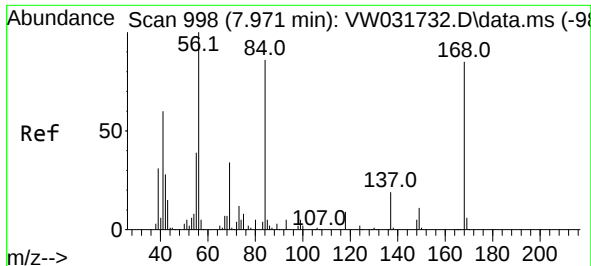
Tgt Ion: 83 Resp: 230111

Ion Ratio Lower Upper

83 100

85 0.3 51.4 77.0#

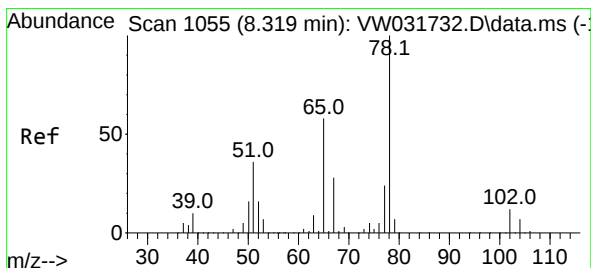
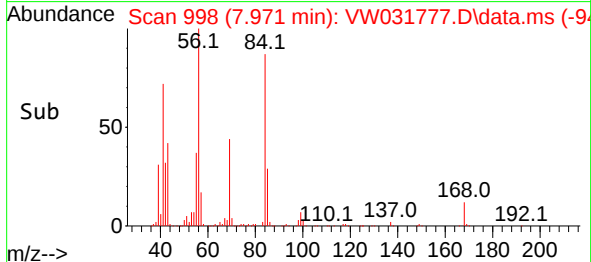
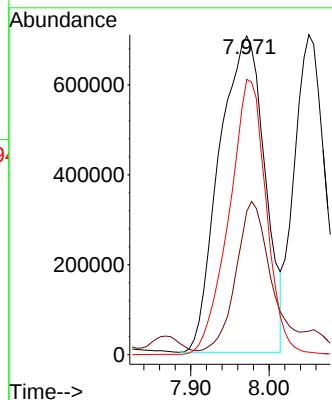
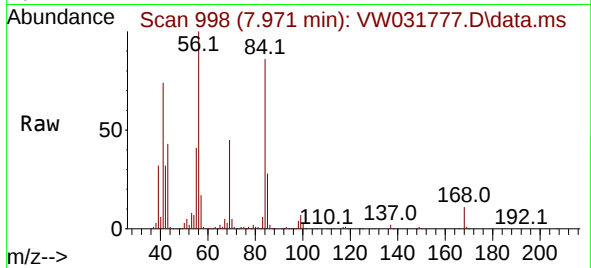




#31
Cyclohexane
Concen: 685.663 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

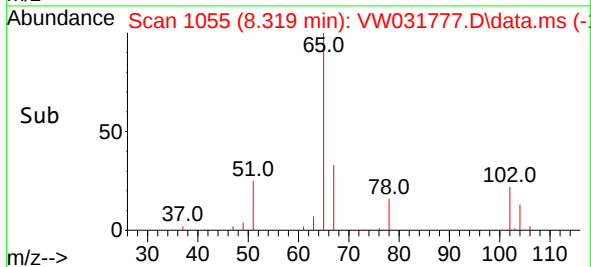
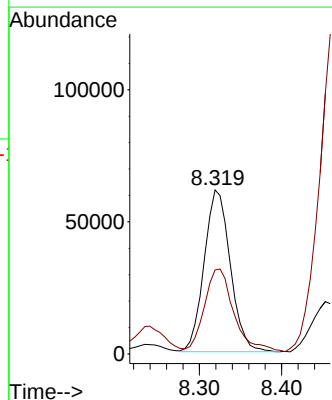
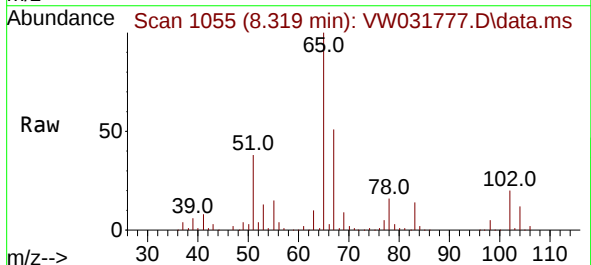
Instrument :
MSVOA_W
ClientSampleId :
GPX7

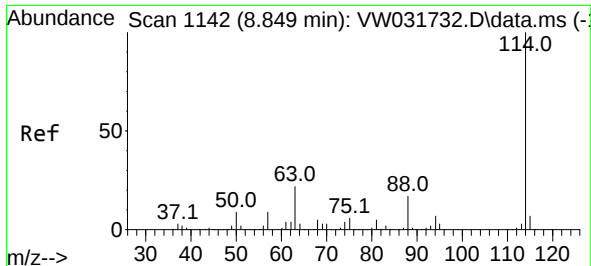
Tgt Ion: 56 Resp: 2838173
Ion Ratio Lower Upper
56 100
69 41.7 27.2 40.8#
84 86.9 68.5 102.7



#33
1,2-Dichloroethane-d4
Concen: 46.697 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

Tgt Ion: 65 Resp: 135752
Ion Ratio Lower Upper
65 100
67 57.2 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: VW031777.D

Acq: 09 Jul 2025 15:40

Instrument :

MSVOA_W

ClientSampleId :

GPX7

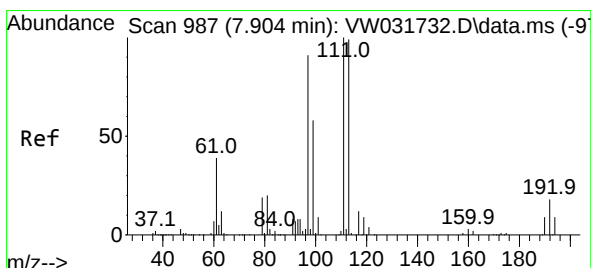
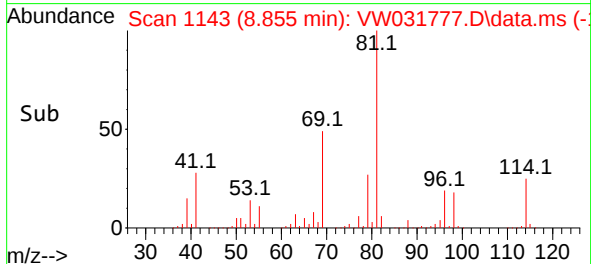
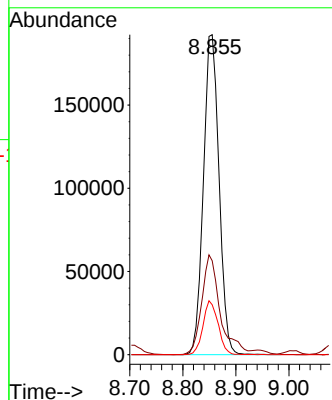
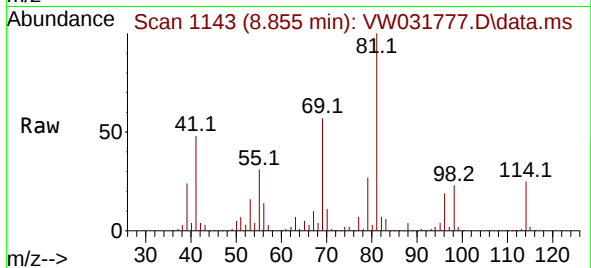
Tgt Ion:114 Resp: 393419

Ion Ratio Lower Upper

114 100

63 29.3 0.0 43.6

88 15.6 0.0 34.2



#35

Dibromofluoromethane

Concen: 47.398 ug/l

RT: 7.904 min Scan# 987

Delta R.T. 0.000 min

Lab File: VW031777.D

Acq: 09 Jul 2025 15:40

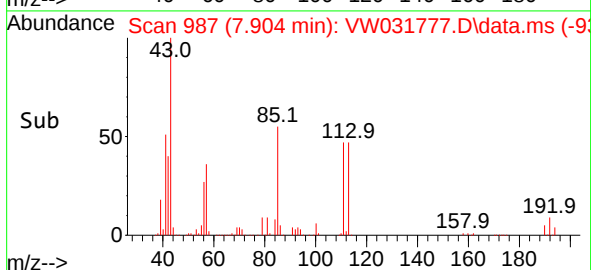
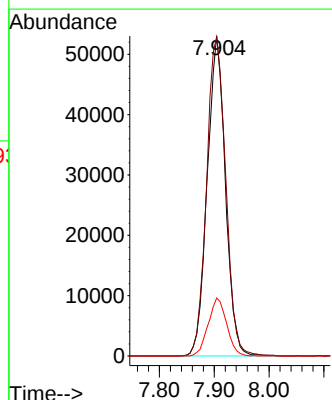
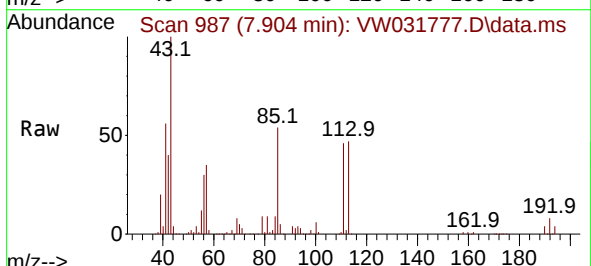
Tgt Ion:113 Resp: 121682

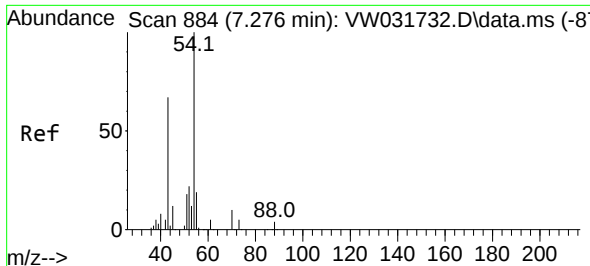
Ion Ratio Lower Upper

113 100

111 105.0 82.1 123.1

192 18.4 13.8 20.6

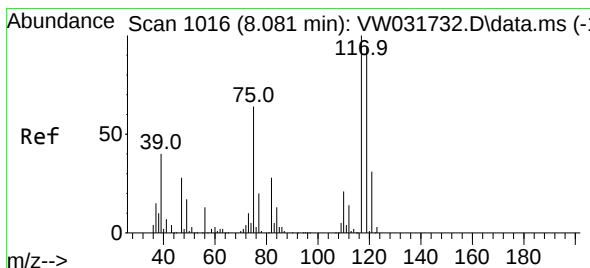
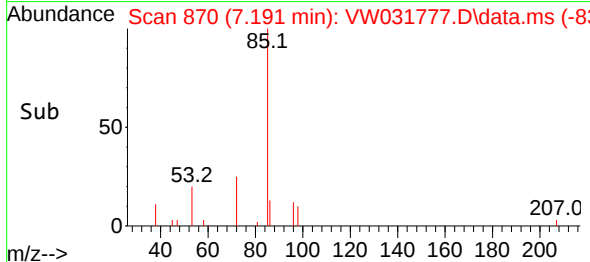
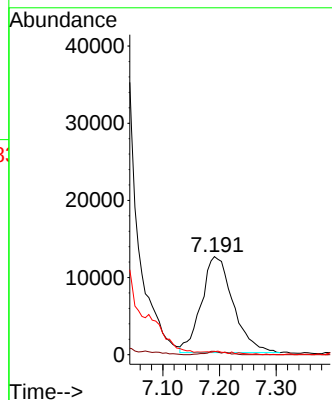
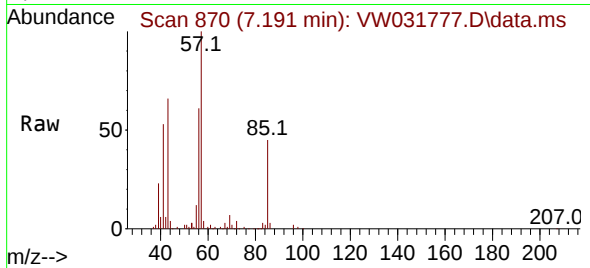




#37
Ethyl Acetate
Concen: 20.625 ug/l
RT: 7.191 min Scan# 81
Delta R.T. -0.085 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

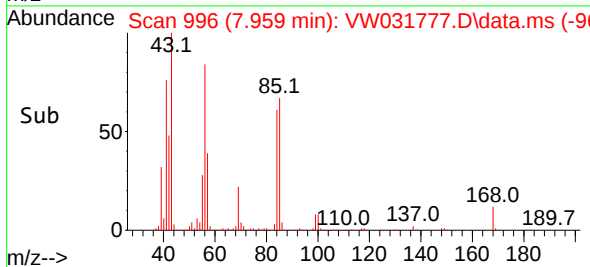
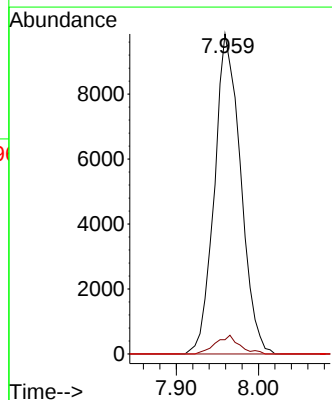
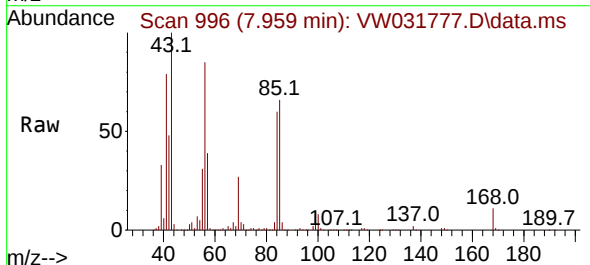
Instrument :
MSVOA_W
ClientSampleId :
GPX7

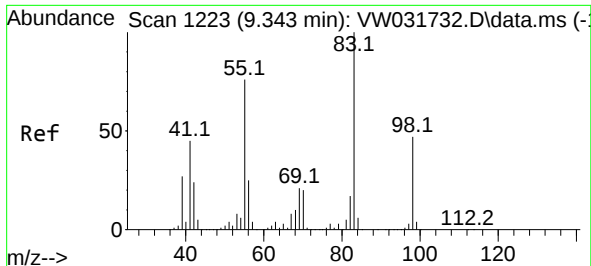
Tgt Ion: 43 Resp: 48333
Ion Ratio Lower Upper
43 100
61 2.2 10.9 16.3#
70 0.0 9.2 13.8#



#38
Carbon Tetrachloride
Concen: 5.765 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.122 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

Tgt Ion: 117 Resp: 21823
Ion Ratio Lower Upper
117 100
119 4.4 75.0 112.6#
121 0.0 24.6 37.0#





#39

Methylcyclohexane

Concen: 2291.187 ug/l

RT: 9.349 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW031777.D

Acq: 09 Jul 2025 15:40

Instrument :

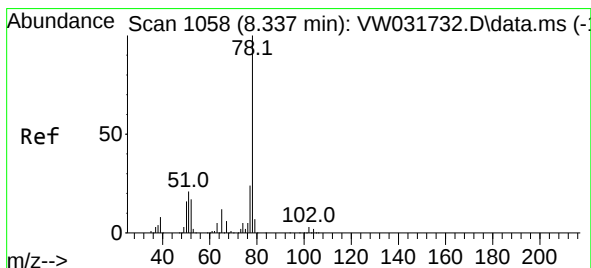
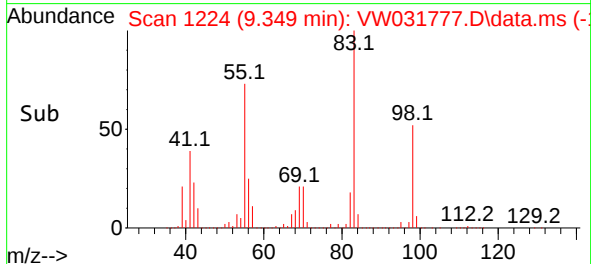
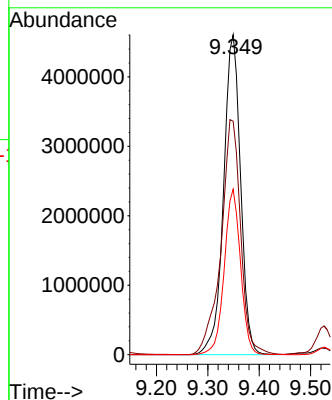
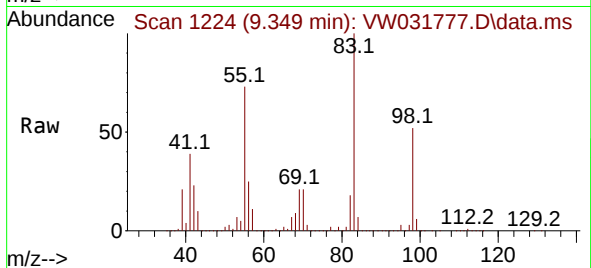
MSVOA_W

ClientSampleId :

GPX7

Tgt Ion: 83 Resp:10589796

Ion	Ratio	Lower	Upper
83	100		
55	72.9	61.0	91.4
98	51.7	37.9	56.9



#40

Benzene

Concen: 5.577 ug/l

RT: 8.337 min Scan# 1058

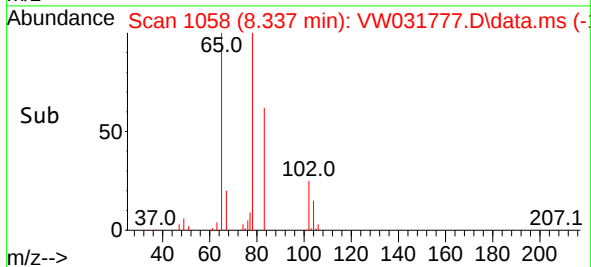
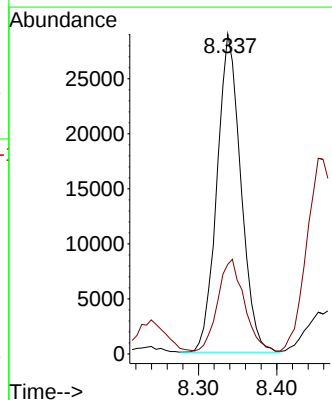
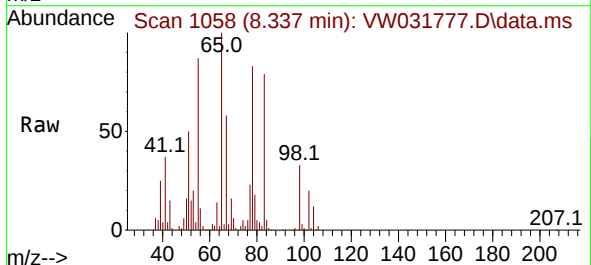
Delta R.T. 0.000 min

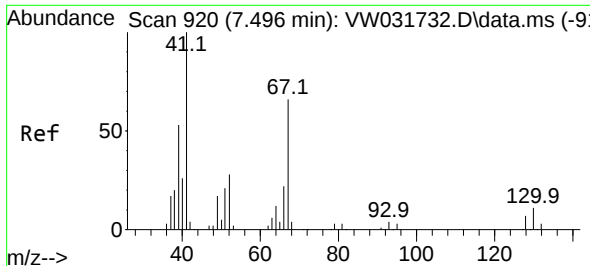
Lab File: VW031777.D

Acq: 09 Jul 2025 15:40

Tgt Ion: 78 Resp: 61300

Ion	Ratio	Lower	Upper
78	100		
77	27.2	19.2	28.8

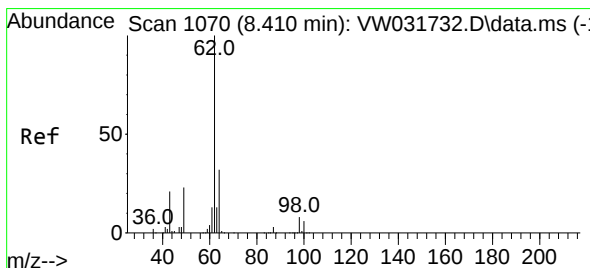
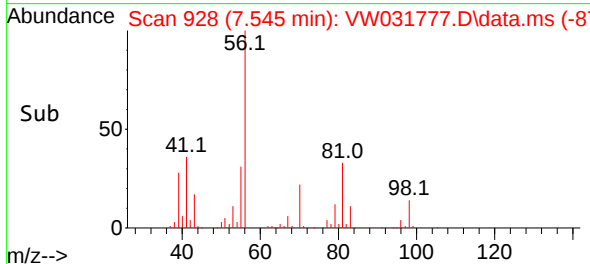
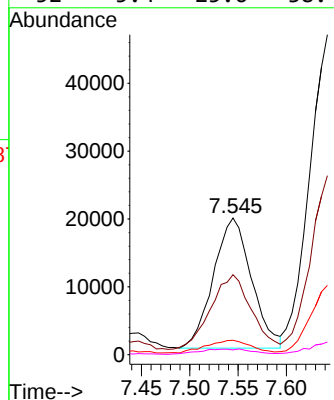
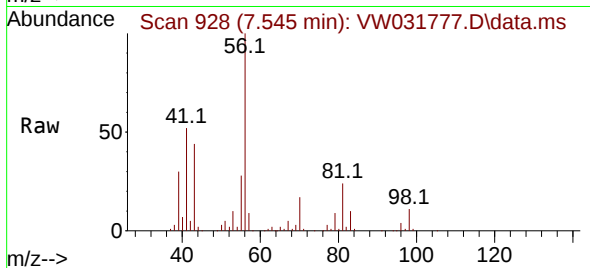




#41
Methacrylonitrile
Concen: 41.871 ug/l
RT: 7.545 min Scan# 91
Delta R.T. 0.049 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

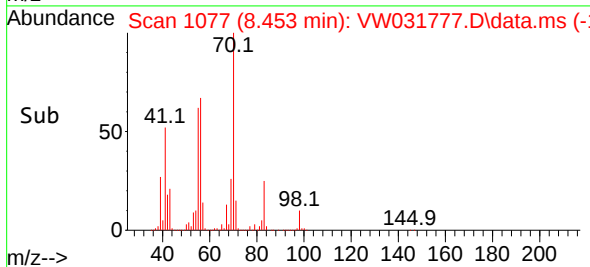
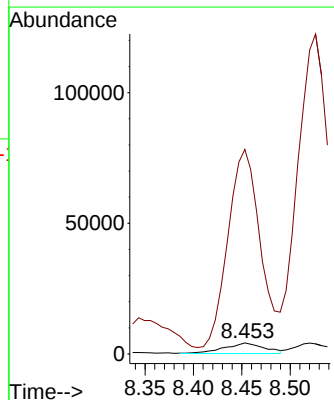
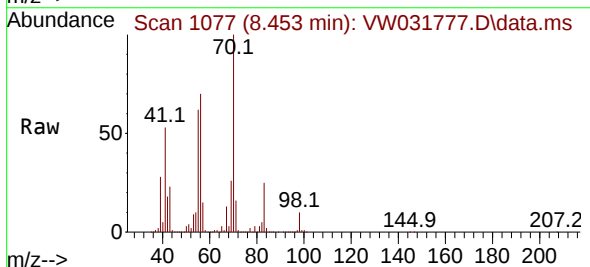
Instrument :
MSVOA_W
ClientSampleId :
GPX7

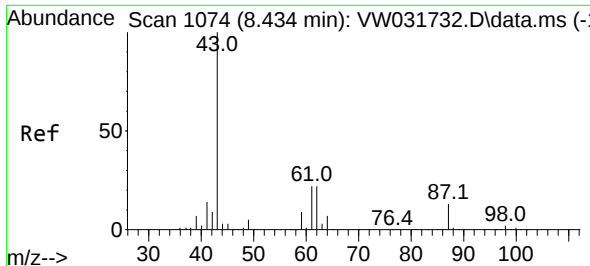
Tgt Ion: 41	Resp: 52563
Ion Ratio	Lower Upper
41 100	
39 60.9	43.2 64.8
67 0.0	58.1 87.1#
52 5.4	25.6 38.4#



#42
1,2-Dichloroethane
Concen: 3.073 ug/l
RT: 8.453 min Scan# 1077
Delta R.T. 0.043 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

Tgt Ion: 62	Resp: 11414		
Ion Ratio	Lower	Upper	
62 100			
98 1554.5	0.0	17.2#	





#43

Isopropyl Acetate

Concen: 156.662 ug/l

RT: 8.435 min Scan# 1074

Delta R.T. 0.000 min

Lab File: VW031777.D

Acq: 09 Jul 2025 15:40

Instrument :

MSVOA_W

ClientSampleId :

GPX7

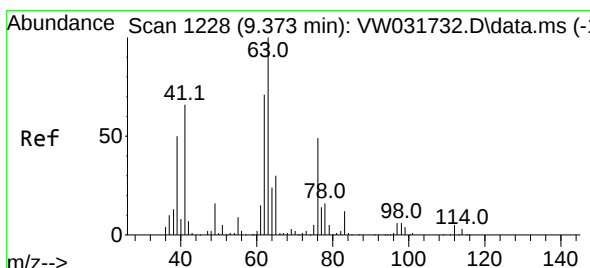
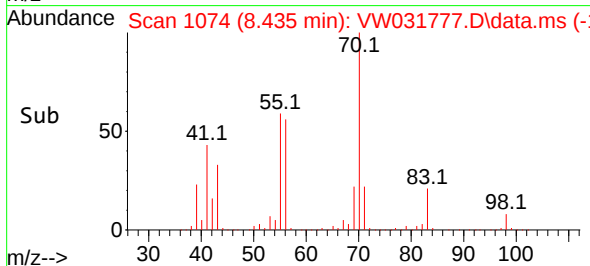
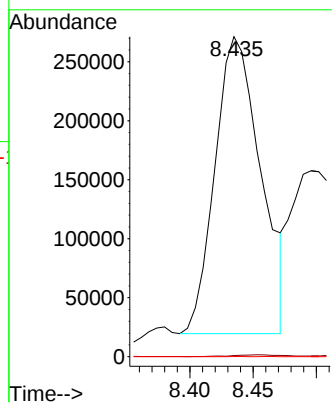
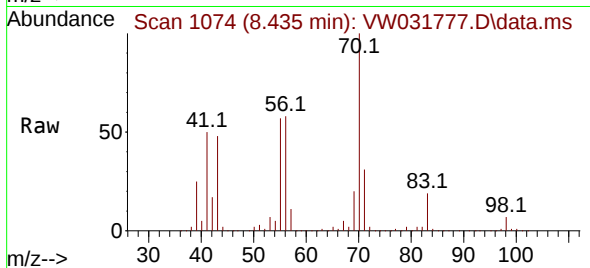
Tgt Ion: 43 Resp: 632848

Ion Ratio Lower Upper

43 100

61 0.0 23.1 34.7#

87 0.0 10.8 16.2#



#45

1,2-Dichloropropane

Concen: 45.835 ug/l

RT: 9.343 min Scan# 1223

Delta R.T. -0.030 min

Lab File: VW031777.D

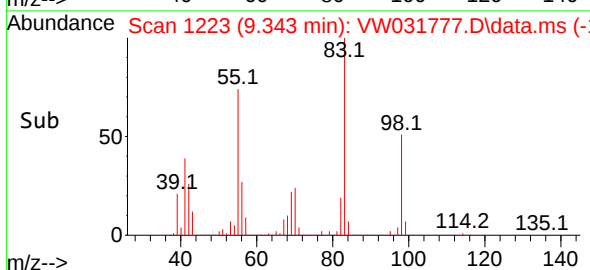
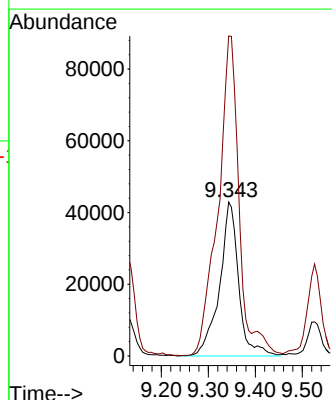
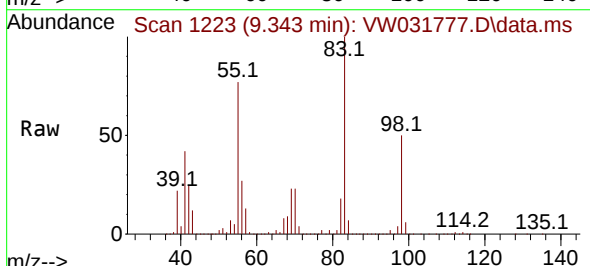
Acq: 09 Jul 2025 15:40

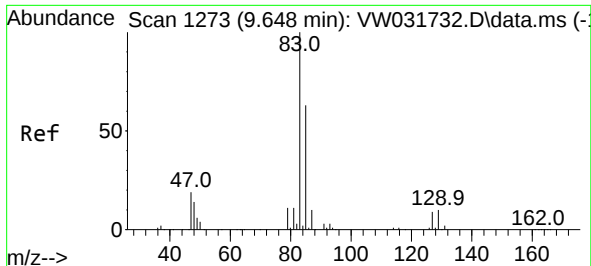
Tgt Ion: 63 Resp: 121754

Ion Ratio Lower Upper

63 100

65 207.6 24.2 36.4#

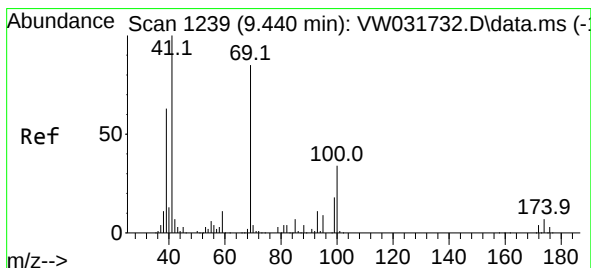
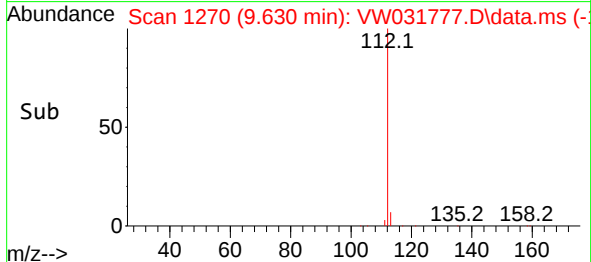
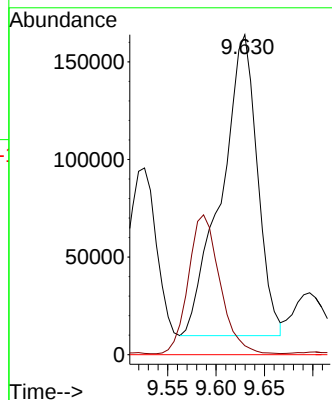
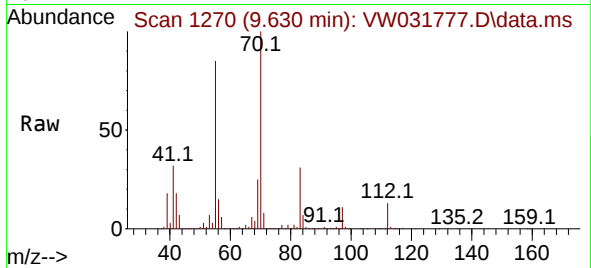




#47
Bromodichloromethane
Concen: 99.589 ug/l
RT: 9.630 min Scan# 11
Delta R.T. -0.018 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

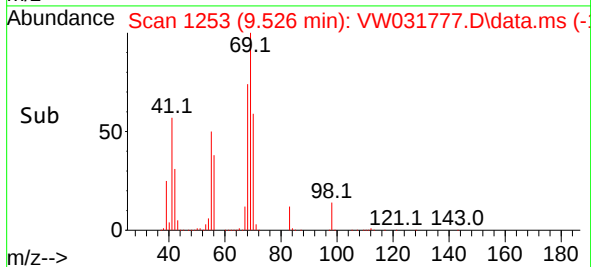
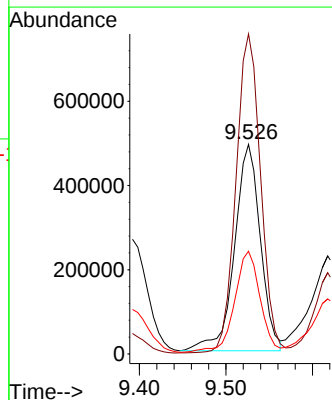
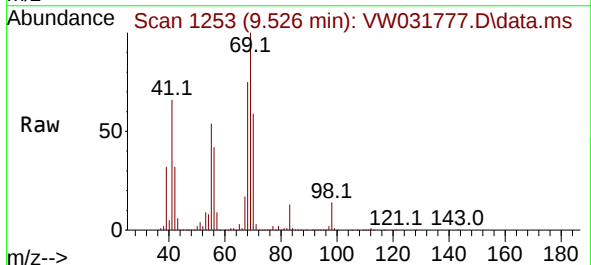
Instrument :
MSVOA_W
ClientSampleId :
GPX7

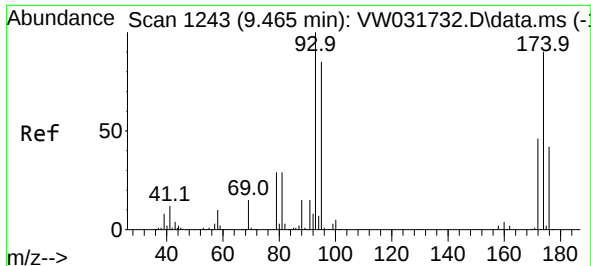
Tgt Ion: 83 Resp: 400503
Ion Ratio Lower Upper
83 100
85 2.6 50.8 76.2#
127 0.0 6.8 10.2#



#48
Methyl methacrylate
Concen: 512.195 ug/l
RT: 9.526 min Scan# 1253
Delta R.T. 0.086 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

Tgt Ion: 41 Resp: 1017368
Ion Ratio Lower Upper
41 100
69 146.8 71.6 107.4#
39 48.0 49.5 74.3#

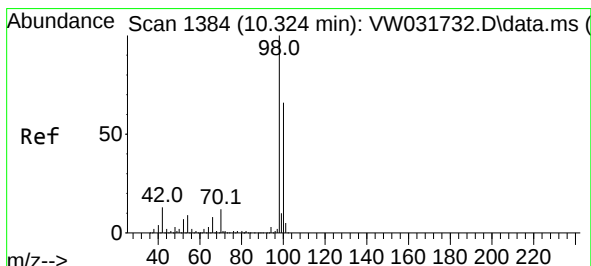
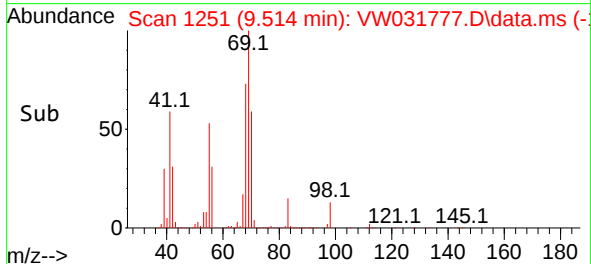
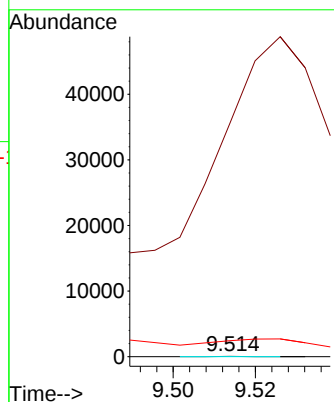
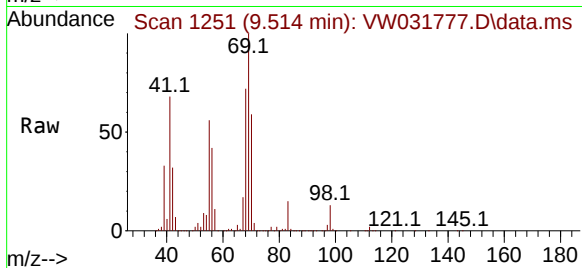




#49
1,4-Dioxane
Concen: 1.095 ug/l
RT: 9.514 min Scan# 1251
Delta R.T. 0.049 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

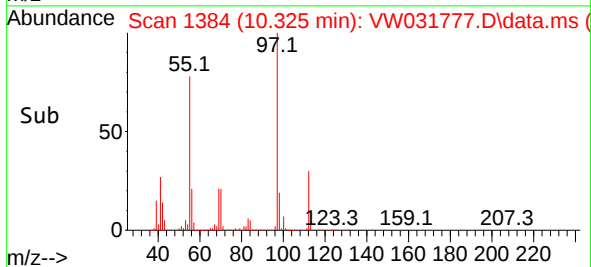
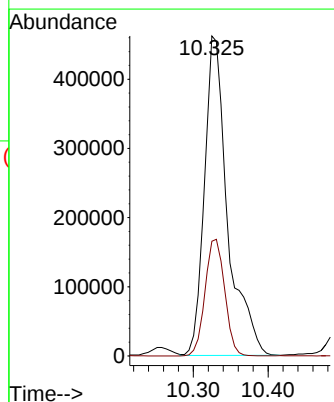
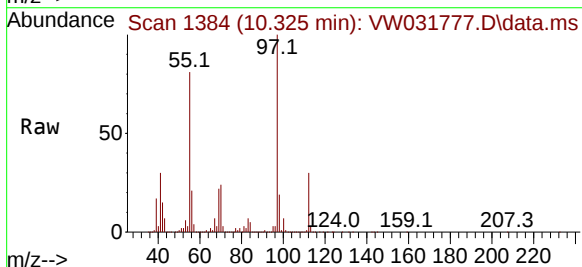
Instrument :
MSVOA_W
ClientSampleId :
GPX7

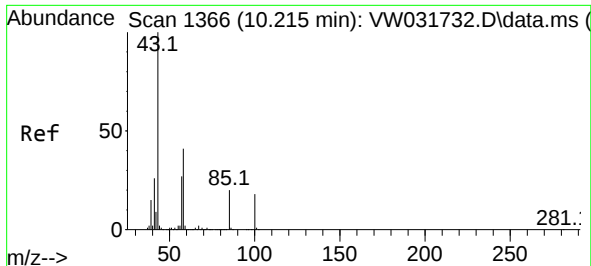
Tgt Ion: 88 Resp: 22
Ion Ratio Lower Upper
88 100
43 432909.1 0.0 0.0#
58 23668.2 58.3 87.5#



#50
Toluene-d8
Concen: 104.272 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

Tgt Ion: 98 Resp: 996185
Ion Ratio Lower Upper
98 100
100 31.0 53.0 79.4#

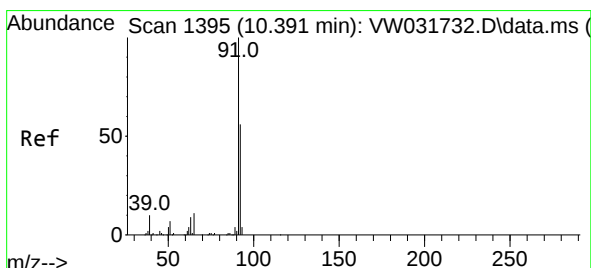
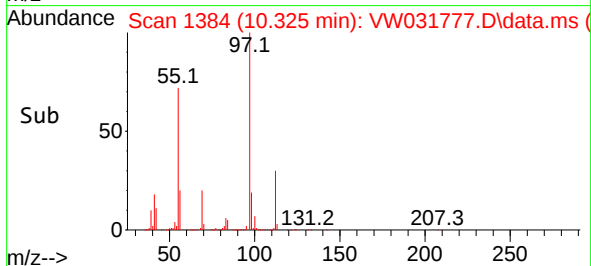
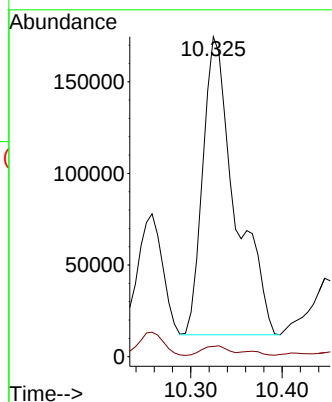
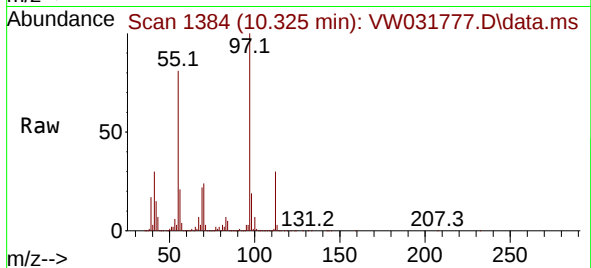




#51
4-Methyl-2-Pentanone
Concen: 172.256 ug/l
RT: 10.325 min Scan# 1366
Delta R.T. 0.110 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

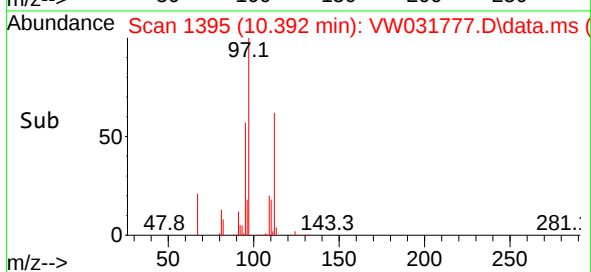
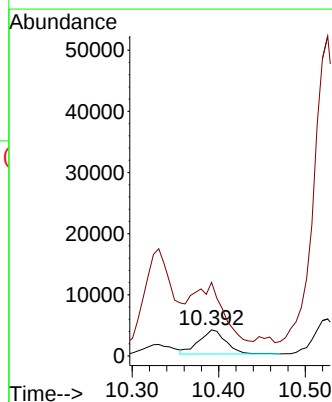
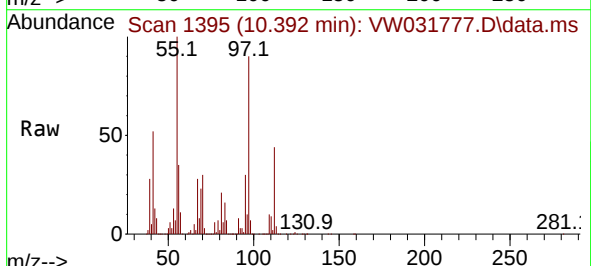
Instrument :
MSVOA_W
ClientSampleId :
GPX7

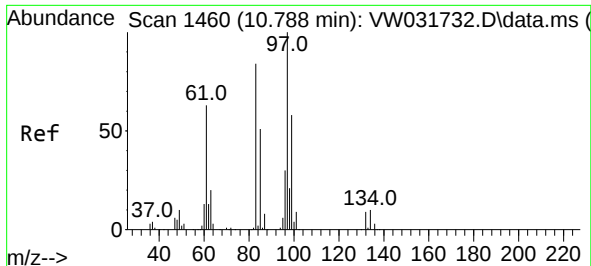
Tgt Ion: 43 Resp: 400046
Ion Ratio Lower Upper
43 100
58 2.5 32.2 48.2#



#52
Toluene
Concen: 1.204 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

Tgt Ion: 92 Resp: 8473
Ion Ratio Lower Upper
92 100
91 262.7 139.5 209.3#

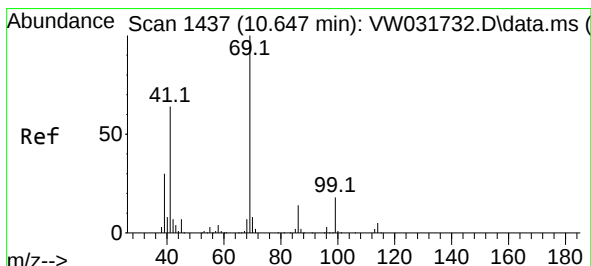
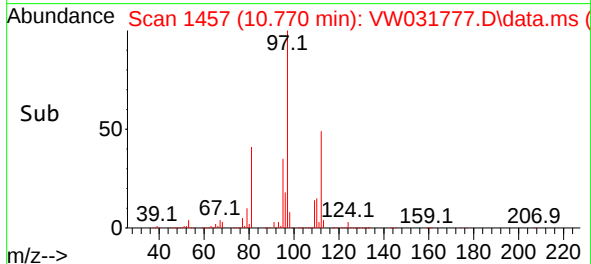
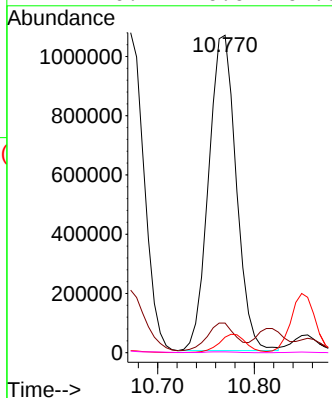
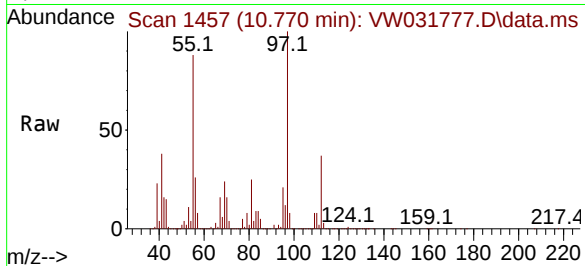




#55
1,1,2-Trichloroethane
Concen: 937.641 ug/l
RT: 10.770 min Scan# 1441
Delta R.T. -0.018 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

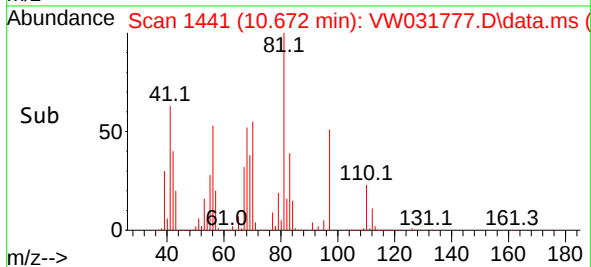
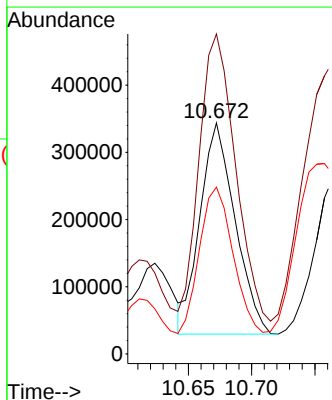
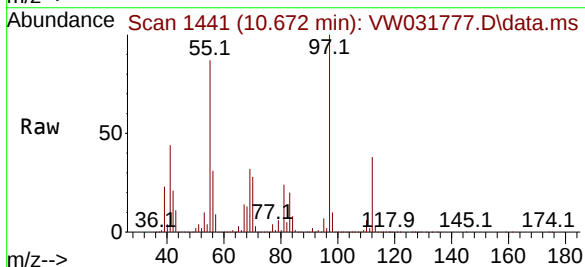
Instrument :
MSVOA_W
ClientSampleId :
GPX7

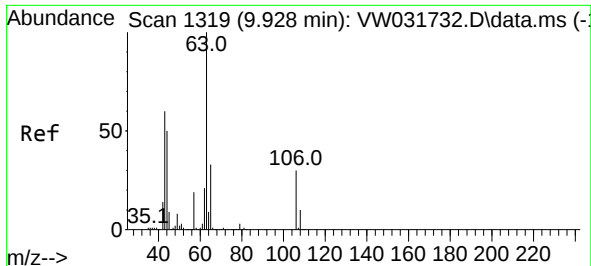
Tgt Ion: 97 Resp: 2106372
Ion Ratio Lower Upper
97 100
83 8.8 66.9 100.3#
85 4.9 41.1 61.7#
99 0.2 46.6 69.8#



#56
Ethyl methacrylate
Concen: 198.973 ug/l
RT: 10.672 min Scan# 1441
Delta R.T. 0.025 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

Tgt Ion: 69 Resp: 606409
Ion Ratio Lower Upper
69 100
41 141.1 53.3 79.9#
39 70.1 30.2 45.2#

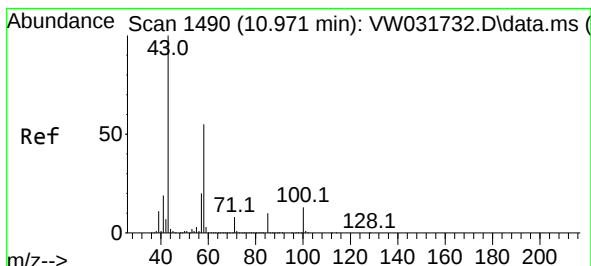
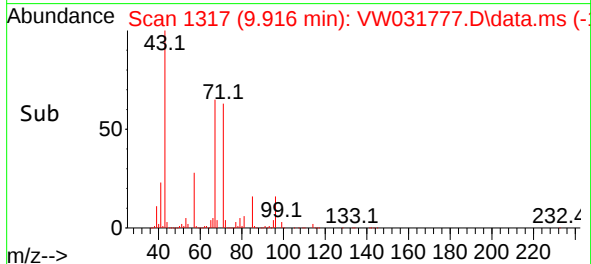
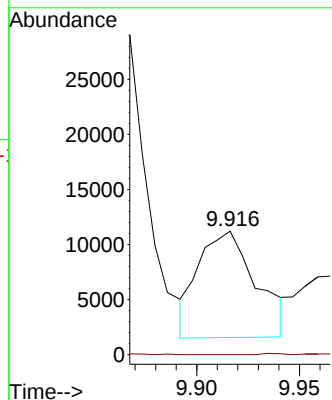
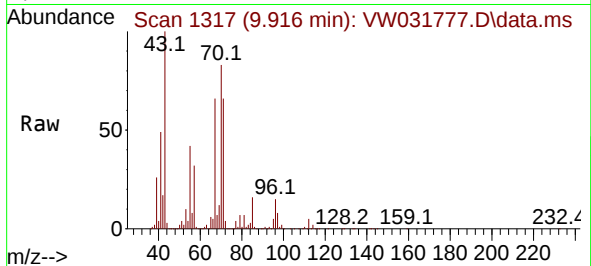




#58
2-Chloroethyl Vinyl ether
Concen: 11.242 ug/l
RT: 9.916 min Scan# 11
Delta R.T. -0.012 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

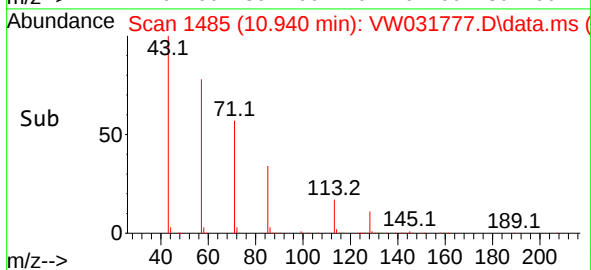
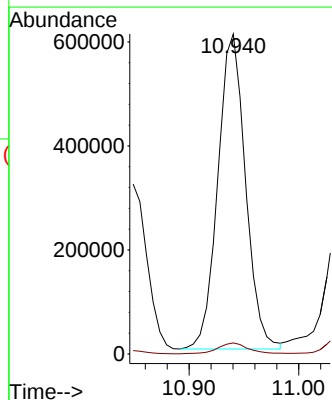
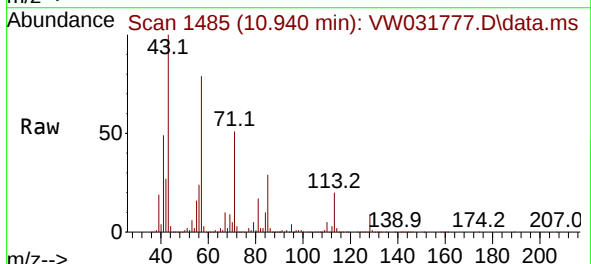
Instrument :
MSVOA_W
ClientSampleId :
GPX7

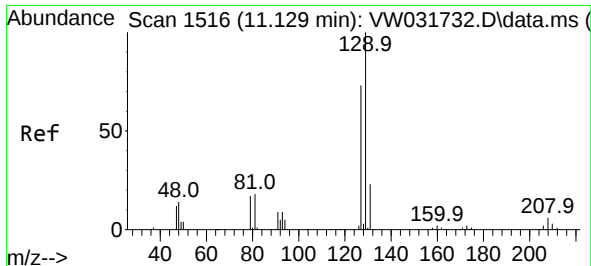
Tgt Ion: 63 Resp: 18867
Ion Ratio Lower Upper
63 100
106 0.4 24.1 36.1#



#59
2-Hexanone
Concen: 675.452 ug/l
RT: 10.940 min Scan# 1485
Delta R.T. -0.030 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

Tgt Ion: 43 Resp: 1062993
Ion Ratio Lower Upper
43 100
58 3.7 27.9 83.6#

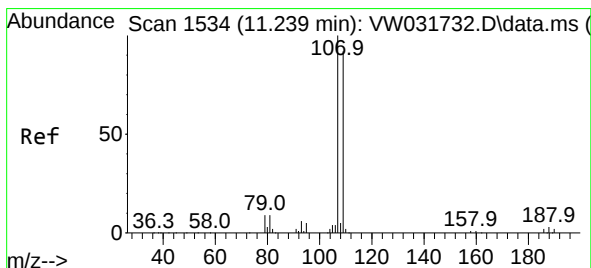
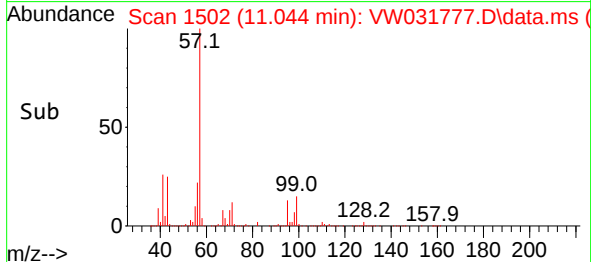
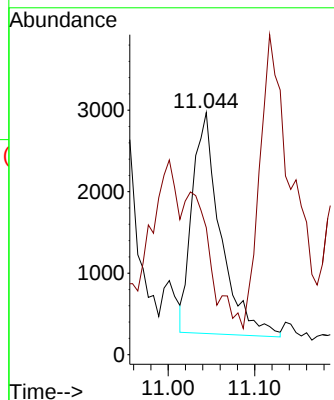
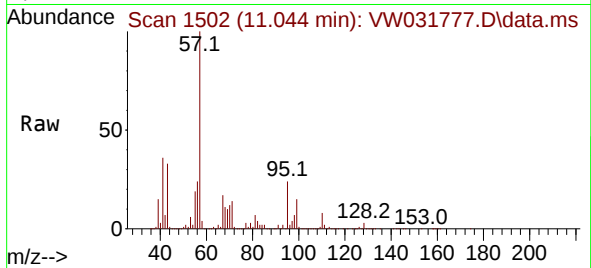




#60
Dibromochloromethane
Concen: 2.287 ug/l
RT: 11.044 min Scan# 11
Delta R.T. -0.085 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

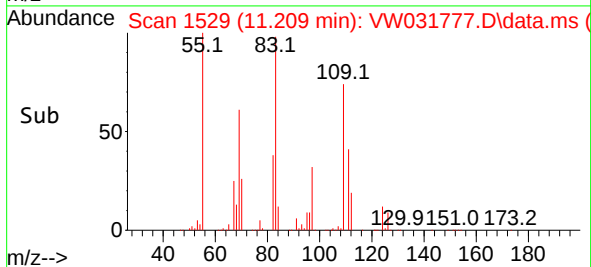
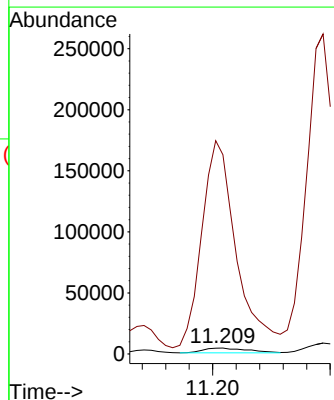
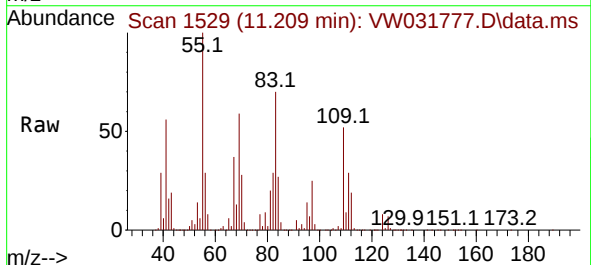
Instrument :
MSVOA_W
ClientSampleId :
GPX7

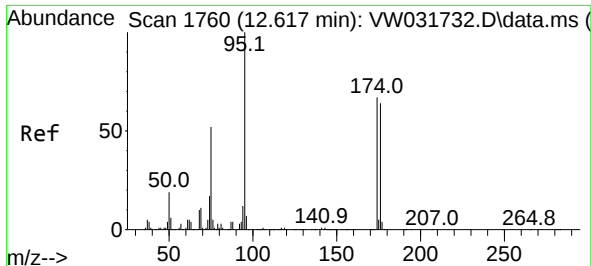
Tgt Ion:129 Resp: 6143
Ion Ratio Lower Upper
129 100
127 0.0 38.0 114.1#



#61
1,2-Dibromoethane
Concen: 4.628 ug/l
RT: 11.209 min Scan# 1529
Delta R.T. -0.030 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

Tgt Ion:107 Resp: 10408
Ion Ratio Lower Upper
107 100
109 3304.3 73.9 110.9#

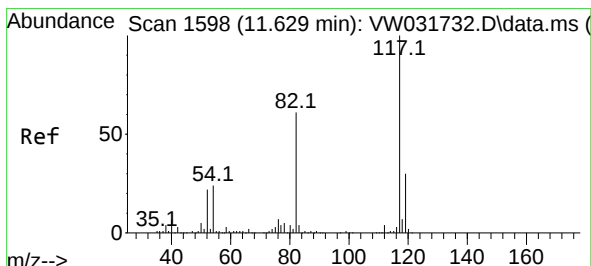
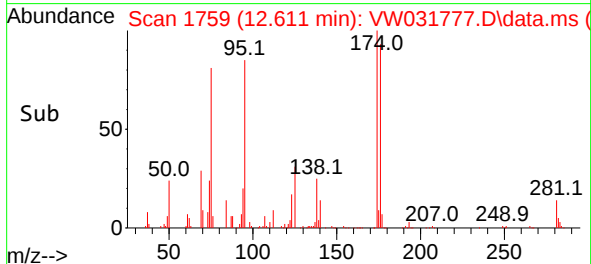
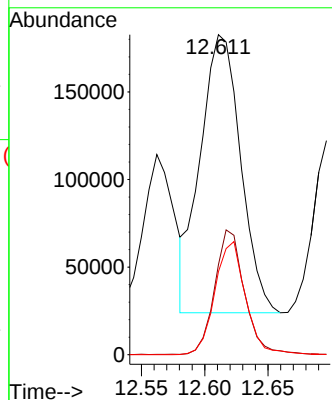
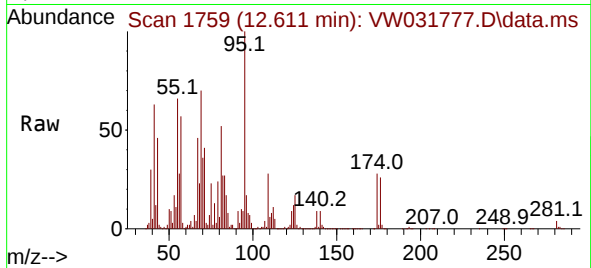




#62
4-Bromofluorobenzene
Concen: 100.389 ug/l
RT: 12.611 min Scan# 1759
Delta R.T. -0.006 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

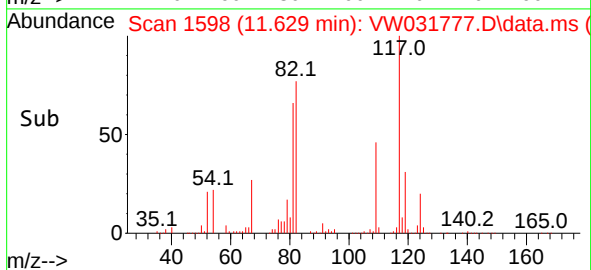
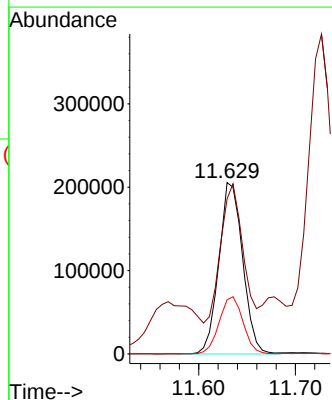
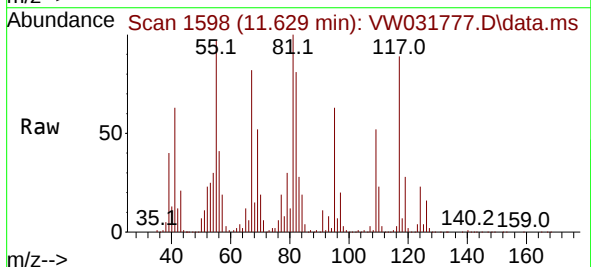
Instrument :
MSVOA_W
ClientSampleId :
GPX7

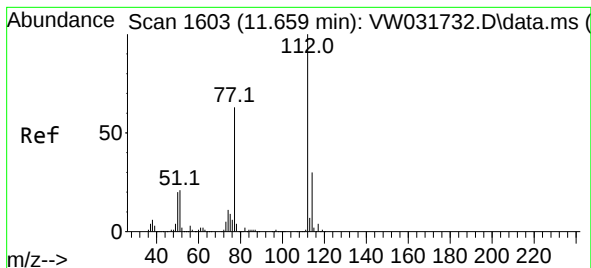
Tgt Ion: 95 Resp: 352944
Ion Ratio Lower Upper
95 100
174 32.9 0.0 133.8
176 31.0 0.0 126.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

Tgt Ion: 117 Resp: 350819
Ion Ratio Lower Upper
117 100
82 62.5 48.6 72.8
119 31.4 23.9 35.9





#65

Chlorobenzene

Concen: 2.196 ug/l

RT: 11.556 min Scan# 11

Delta R.T. -0.103 min

Lab File: VW031777.D

Acq: 09 Jul 2025 15:40

Instrument :

MSVOA_W

ClientSampleId :

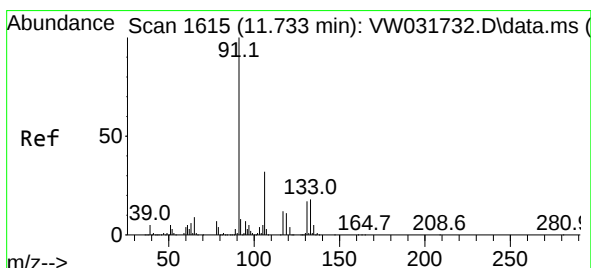
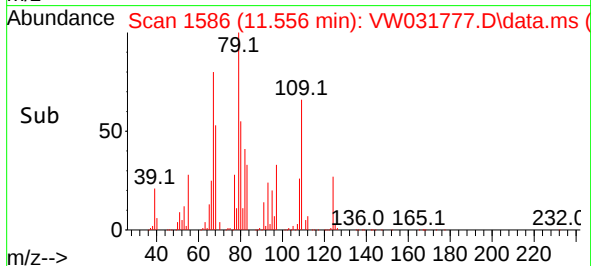
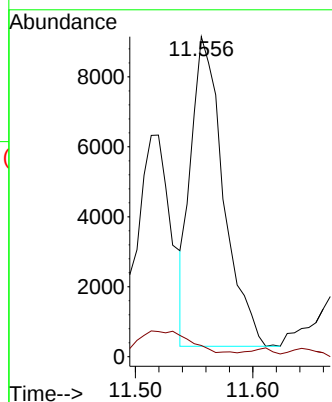
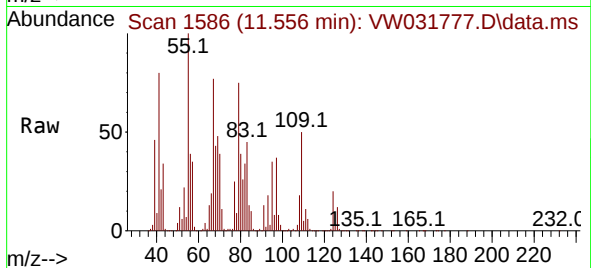
GPX7

Tgt Ion:112 Resp: 16994

Ion Ratio Lower Upper

112 100

114 2.7 23.8 35.8#



#67

Ethyl Benzene

Concen: 7.883 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.000 min

Lab File: VW031777.D

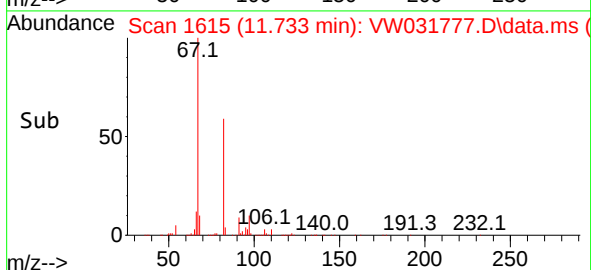
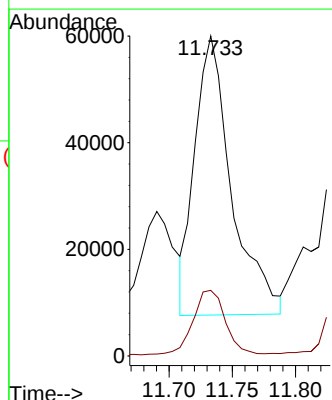
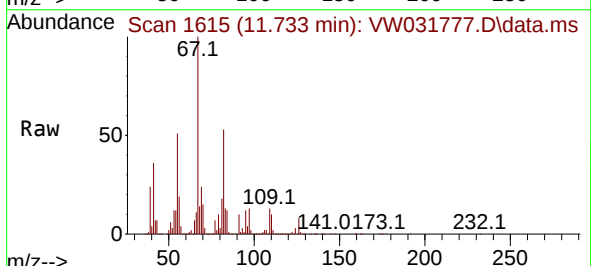
Acq: 09 Jul 2025 15:40

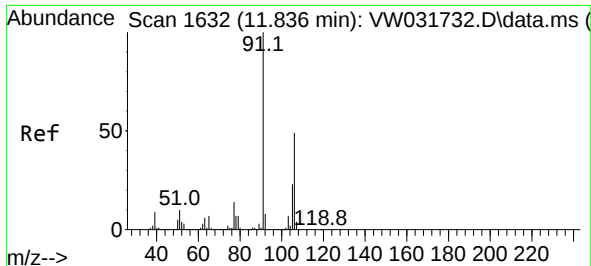
Tgt Ion: 91 Resp: 105811

Ion Ratio Lower Upper

91 100

106 24.3 25.4 38.2#

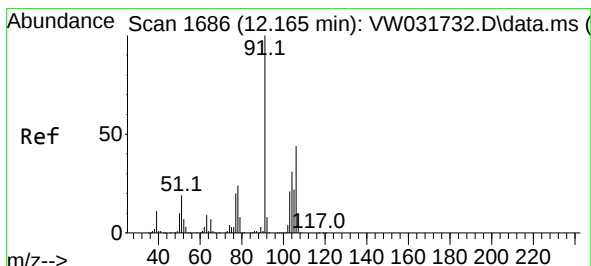
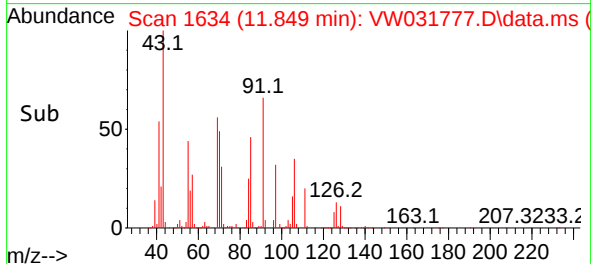
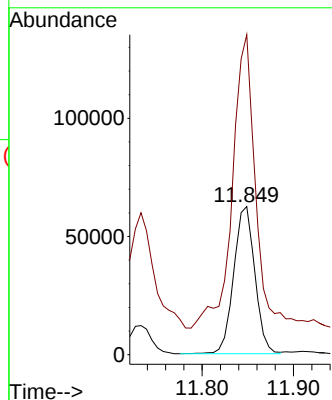
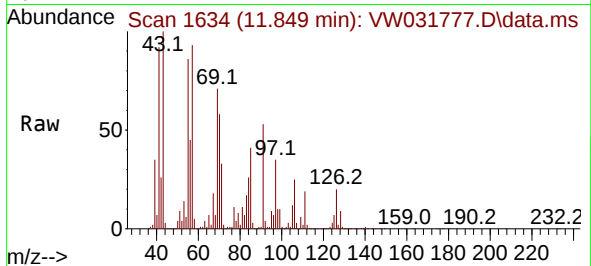




#68
m/p-Xylenes
Concen: 19.334 ug/l
RT: 11.849 min Scan# 1
Delta R.T. 0.012 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

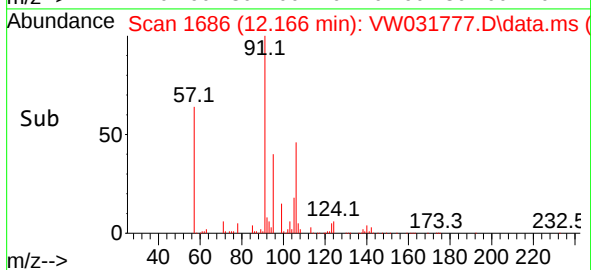
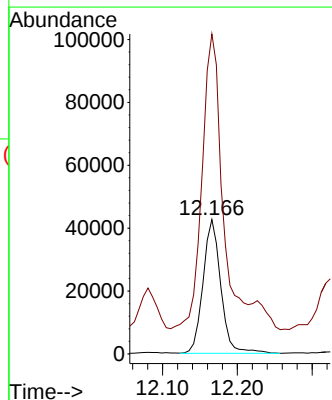
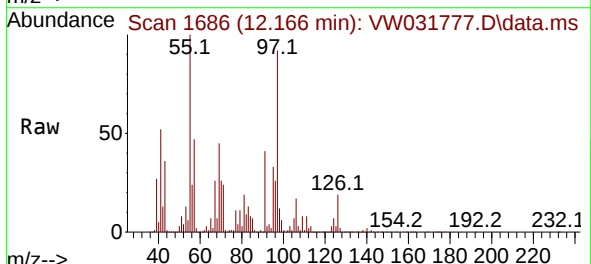
Instrument :
MSVOA_W
ClientSampleId :
GPX7

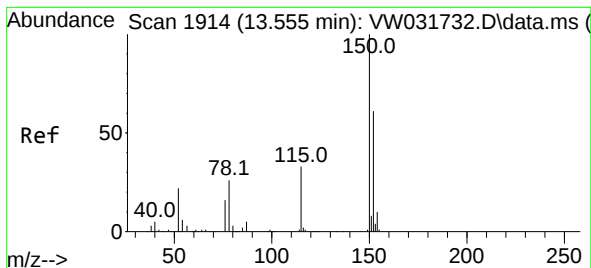
Tgt Ion:106 Resp: 99754
Ion Ratio Lower Upper
106 100
91 252.2 166.4 249.6#



#69
o-Xylene
Concen: 14.683 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

Tgt Ion:106 Resp: 70146
Ion Ratio Lower Upper
106 100
91 250.9 111.5 334.4

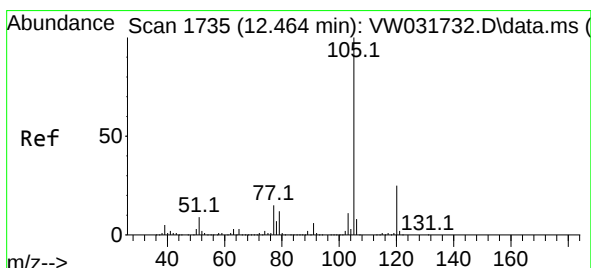
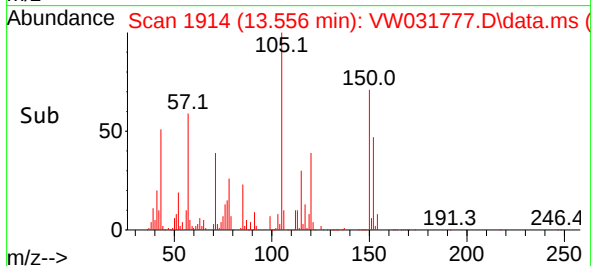
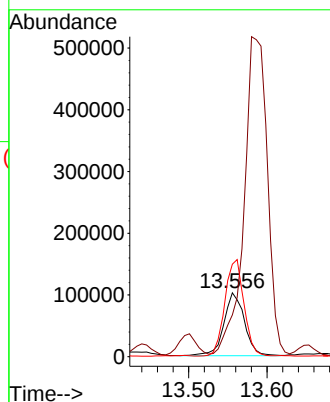
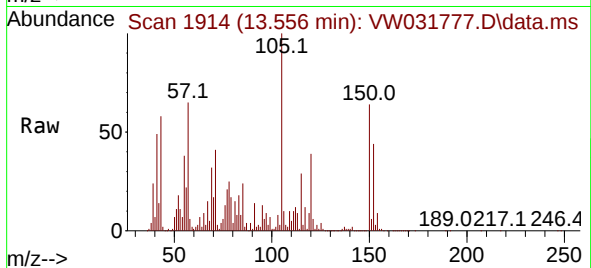




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

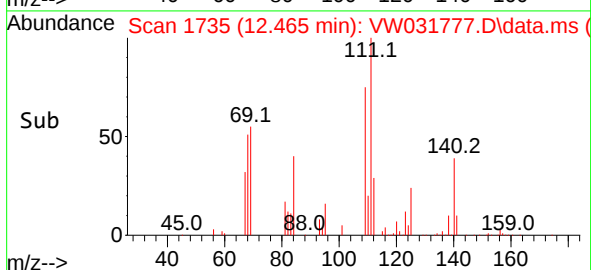
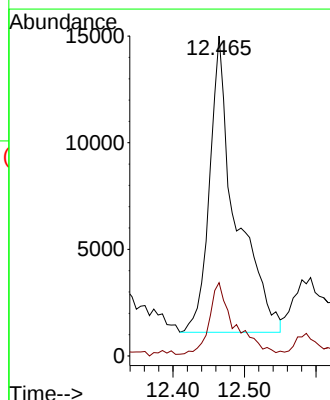
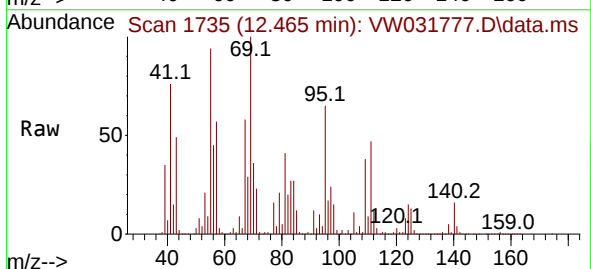
Instrument :
MSVOA_W
ClientSampleId :
GPX7

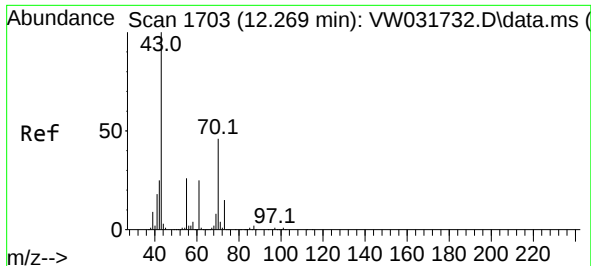
Tgt Ion:152 Resp: 185596
Ion Ratio Lower Upper
152 100
115 0.0 31.9 95.7#
150 143.2 0.0 356.4



#73
Isopropylbenzene
Concen: 2.493 ug/l
RT: 12.465 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

Tgt Ion:105 Resp: 35196
Ion Ratio Lower Upper
105 100
120 23.5 12.8 38.4

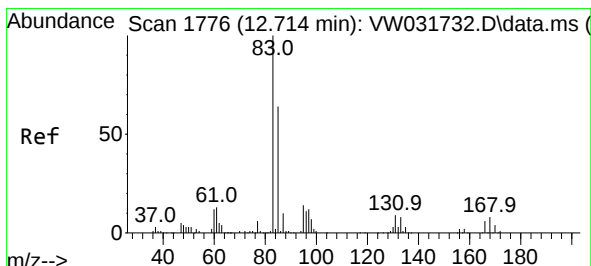
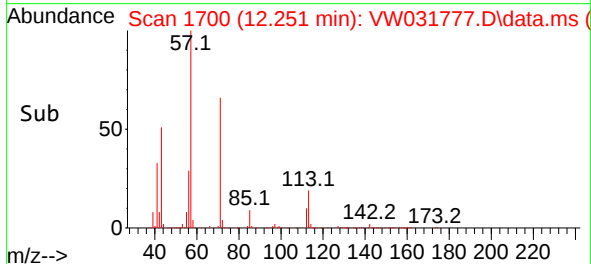
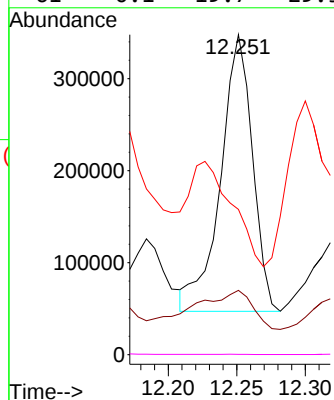
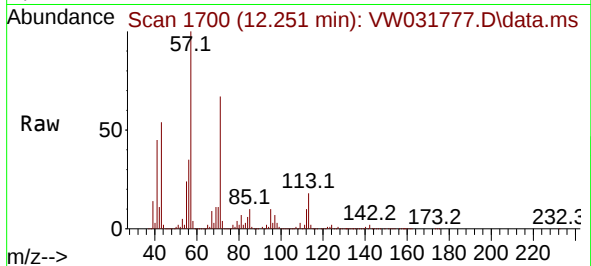




#74
N-amy1 acetate
Concen: 127.800 ug/l
RT: 12.251 min Scan# 1700
Delta R.T. -0.018 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

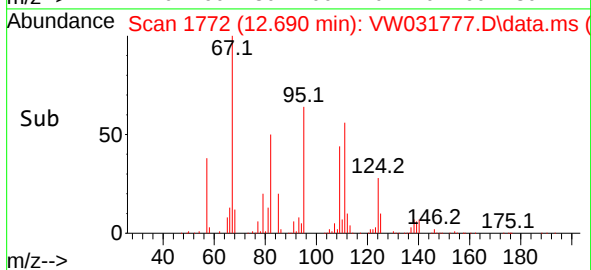
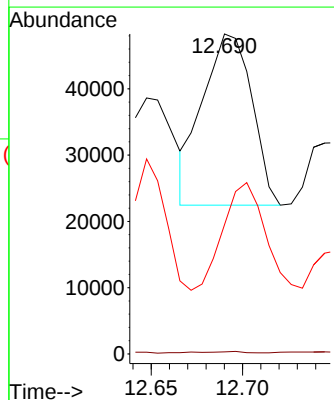
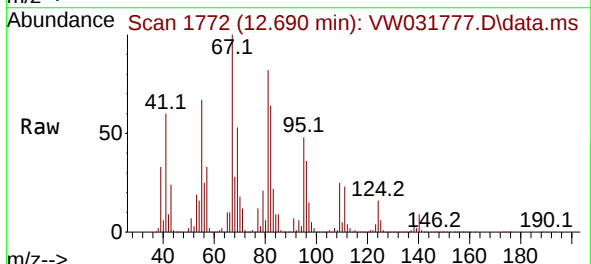
Instrument :
MSVOA_W
ClientSampleId :
GPX7

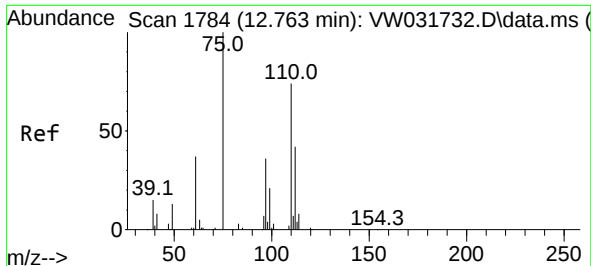
Tgt Ion: 43 Resp: 486295
Ion Ratio Lower Upper
43 100
70 25.4 36.0 54.0#
55 0.0 20.8 31.2#
61 0.1 19.7 29.5#



#75
1,1,2,2-Tetrachloroethane
Concen: 15.518 ug/l
RT: 12.690 min Scan# 1772
Delta R.T. -0.024 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

Tgt Ion: 83 Resp: 48637
Ion Ratio Lower Upper
83 100
131 0.9 5.3 16.1#
85 74.8 32.0 96.2

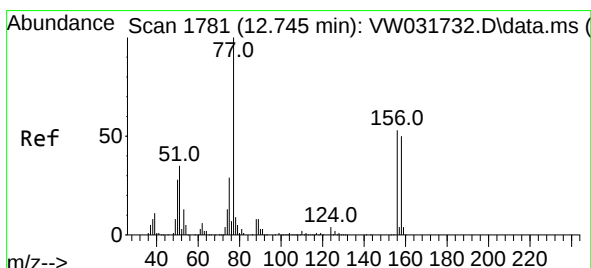
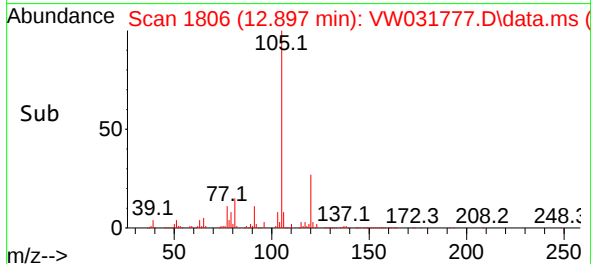
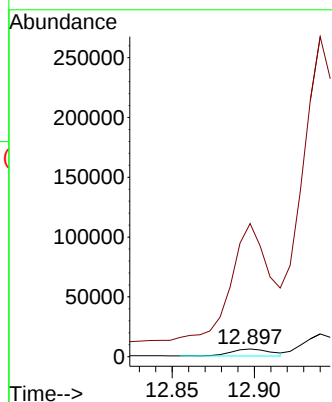
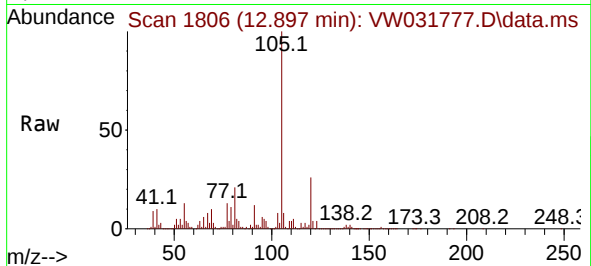




#76
1,2,3-Trichloropropane
Concen: 4.111 ug/l
RT: 12.897 min Scan# 1796
Delta R.T. 0.134 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

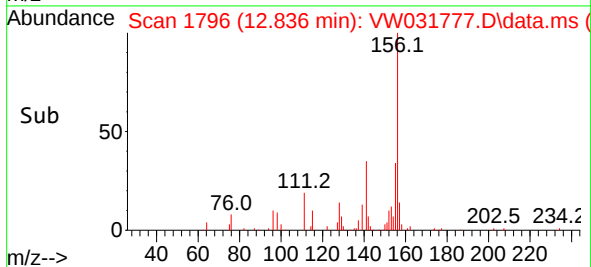
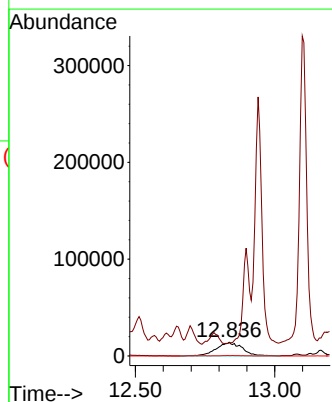
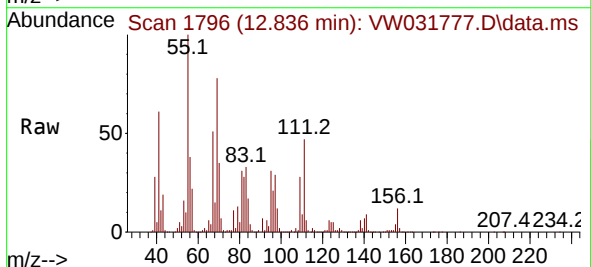
Instrument :
MSVOA_W
ClientSampleId :
GPX7

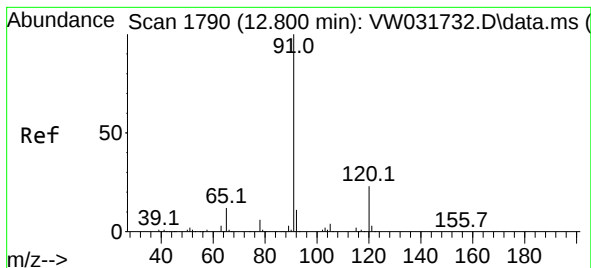
Tgt Ion: 75 Resp: 9861
Ion Ratio Lower Upper
75 100
77 1684.6 141.2 423.6#



#77
Bromobenzene
Concen: 28.925 ug/l
RT: 12.836 min Scan# 1796
Delta R.T. 0.092 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

Tgt Ion:156 Resp: 91074
Ion Ratio Lower Upper
156 100
77 0.0 117.9 353.7#
158 0.9 52.6 157.8#





#78

n-propylbenzene

Concen: 2.009 ug/l

RT: 12.800 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031777.D

Acq: 09 Jul 2025 15:40

Instrument :

MSVOA_W

ClientSampleId :

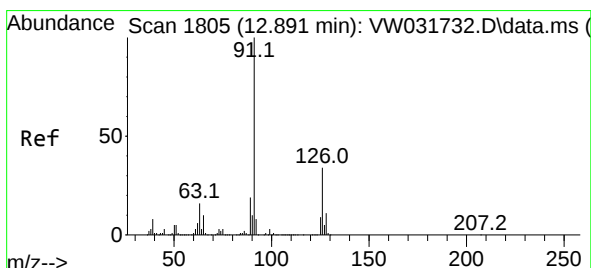
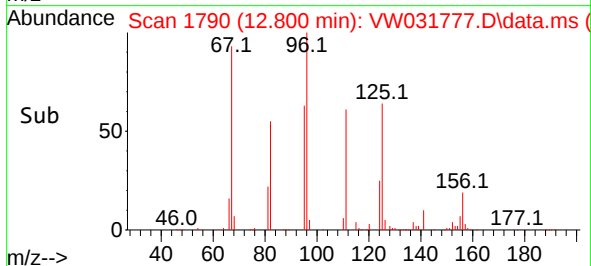
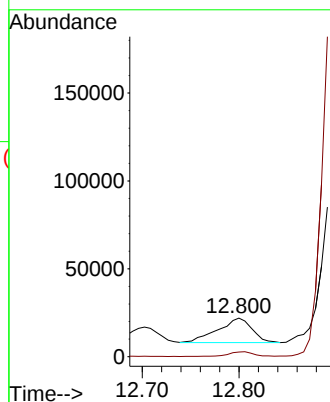
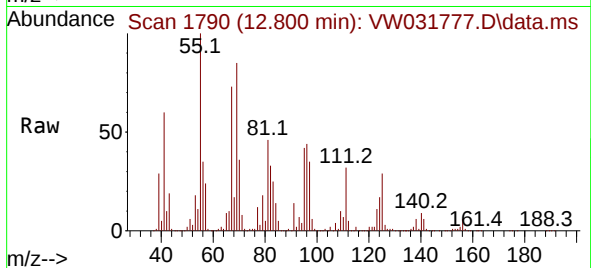
GPX7

Tgt Ion: 91 Resp: 33966

Ion Ratio Lower Upper

91 100

120 0.0 11.5 34.4#



#79

2-Chlorotoluene

Concen: 15.344 ug/l

RT: 12.897 min Scan# 1806

Delta R.T. 0.006 min

Lab File: VW031777.D

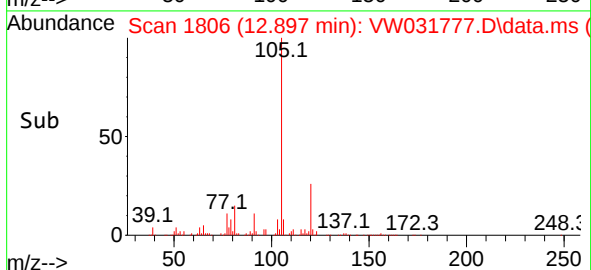
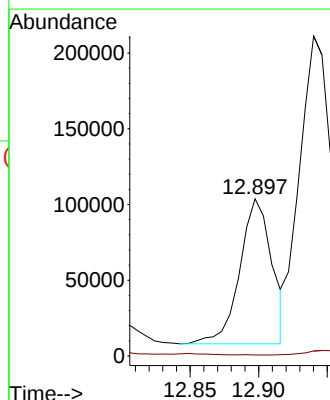
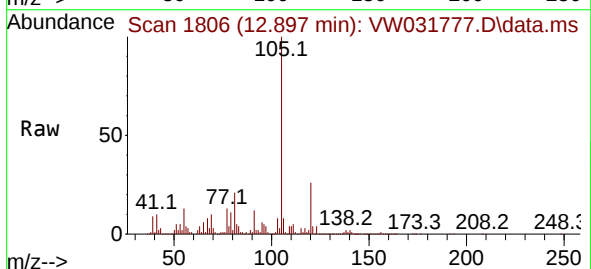
Acq: 09 Jul 2025 15:40

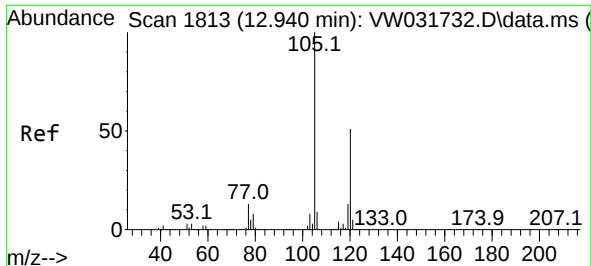
Tgt Ion: 91 Resp: 156201

Ion Ratio Lower Upper

91 100

126 0.0 15.8 47.4#

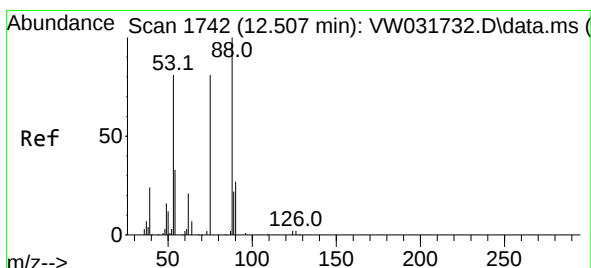
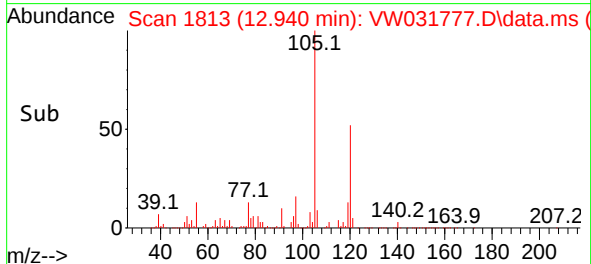
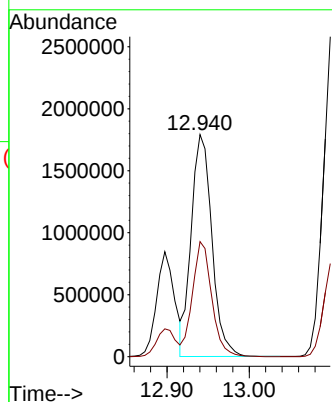
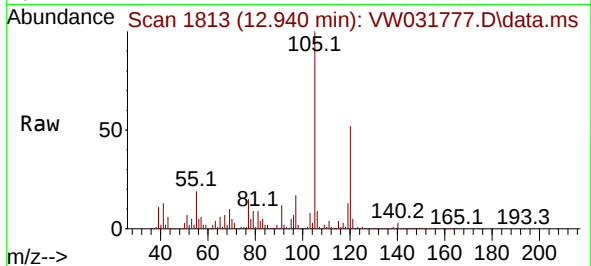




#80
1,3,5-Trimethylbenzene
Concen: 267.066 ug/l
RT: 12.940 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

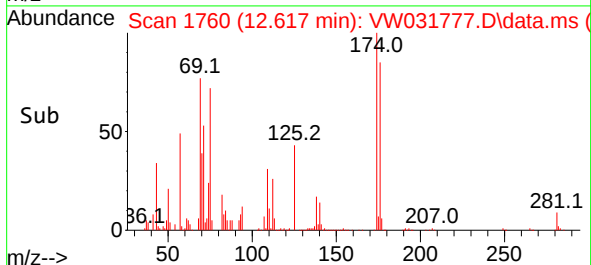
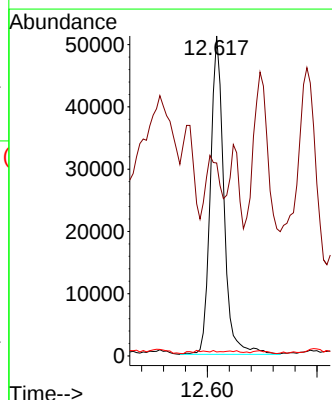
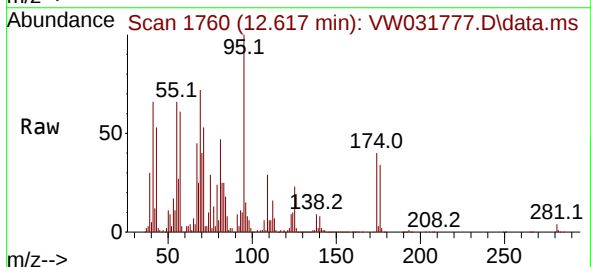
Instrument :
MSVOA_W
ClientSampleId :
GPX7

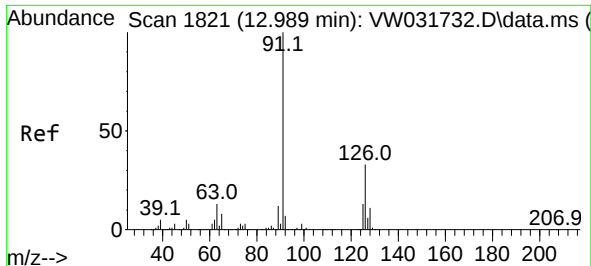
Tgt Ion:105 Resp: 3120859
Ion Ratio Lower Upper
105 100
120 48.6 23.8 71.2



#81
trans-1,4-Dichloro-2-butene
Concen: 84.640 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.110 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

Tgt Ion: 75 Resp: 87157
Ion Ratio Lower Upper
75 100
53 25.8 83.5 125.3#
89 0.0 38.3 57.5#

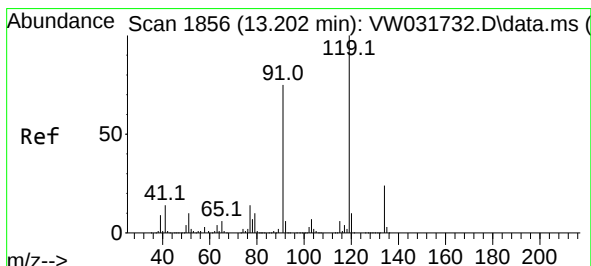
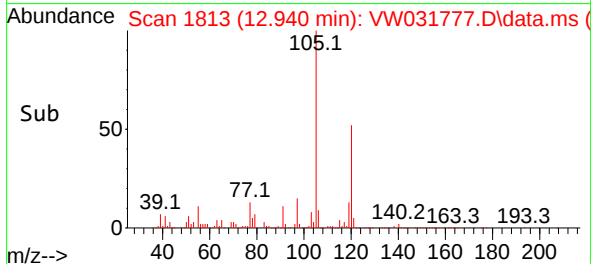
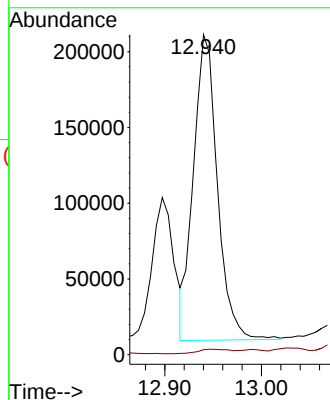
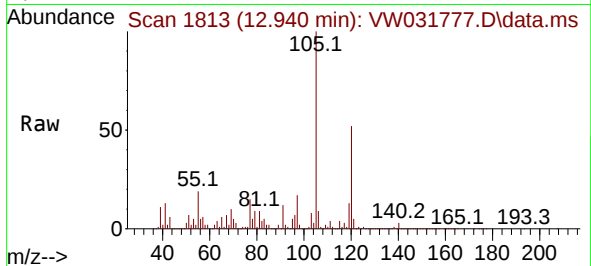




#82
4-Chlorotoluene
Concen: 32.482 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.048 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

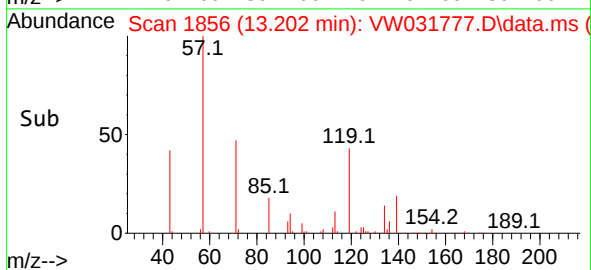
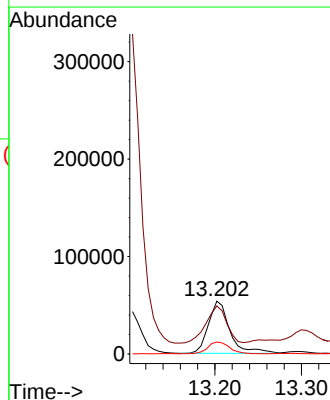
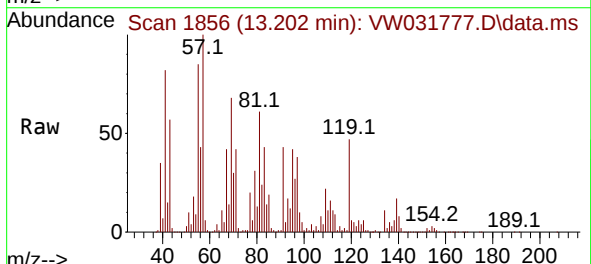
Instrument :
MSVOA_W
ClientSampleId :
GPX7

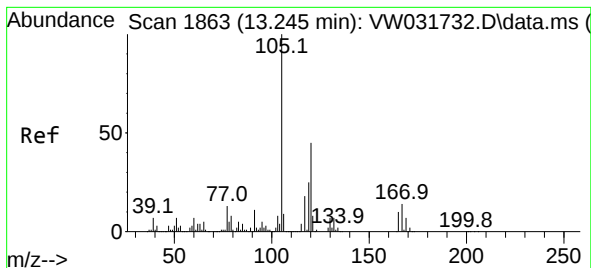
Tgt Ion: 91 Resp: 347156
Ion Ratio Lower Upper
91 100
126 2.0 16.0 47.9#



#83
tert-Butylbenzene
Concen: 9.202 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

Tgt Ion: 119 Resp: 92110
Ion Ratio Lower Upper
119 100
91 68.4 36.0 108.1
134 22.3 12.4 37.2





#84

1,2,4-Trimethylbenzene

Concen: 381.290 ug/l

RT: 13.105 min Scan# 11

Delta R.T. -0.140 min

Lab File: VW031777.D

Acq: 09 Jul 2025 15:40

Instrument :

MSVOA_W

ClientSampleId :

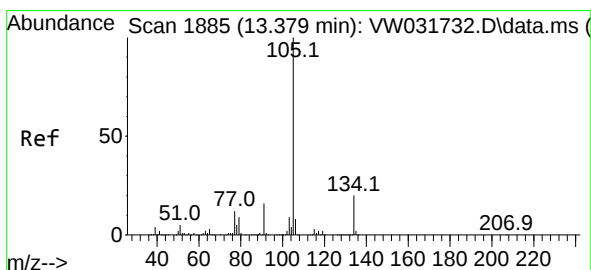
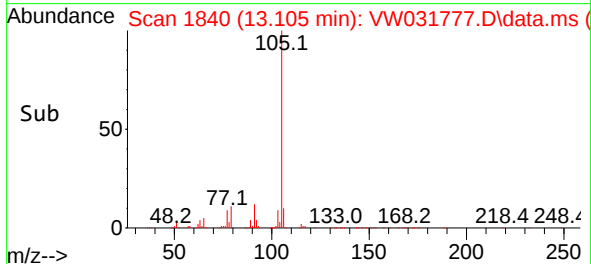
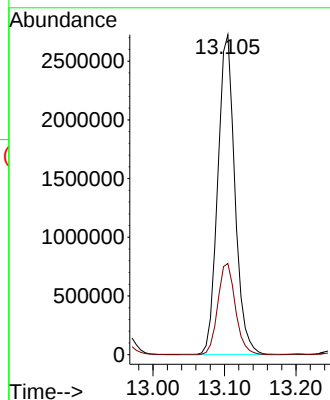
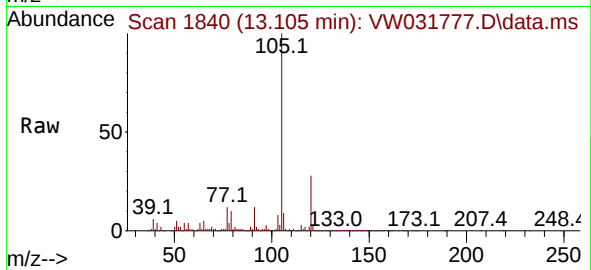
GPX7

Tgt Ion:105 Resp: 4514526

Ion Ratio Lower Upper

105 100

120 29.4 22.1 66.1



#85

sec-Butylbenzene

Concen: 1246.349 ug/l

RT: 13.580 min Scan# 1918

Delta R.T. 0.201 min

Lab File: VW031777.D

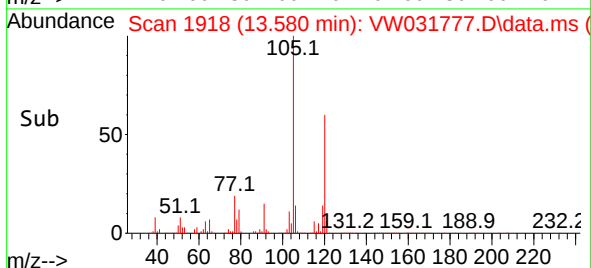
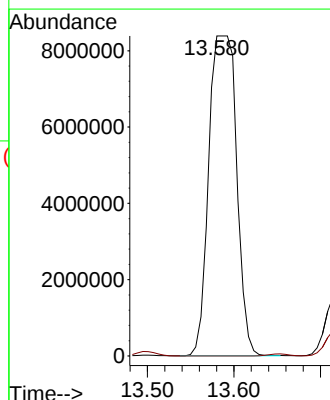
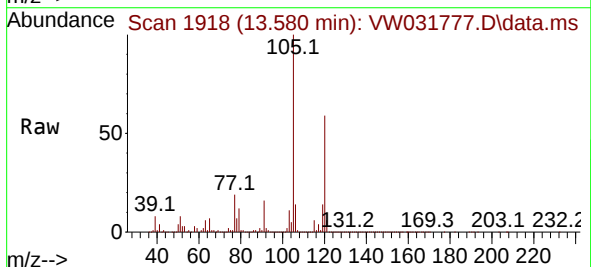
Acq: 09 Jul 2025 15:40

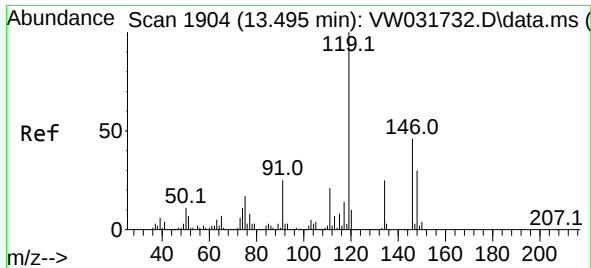
Tgt Ion:105 Resp:18725826

Ion Ratio Lower Upper

105 100

134 0.0 9.6 28.8#

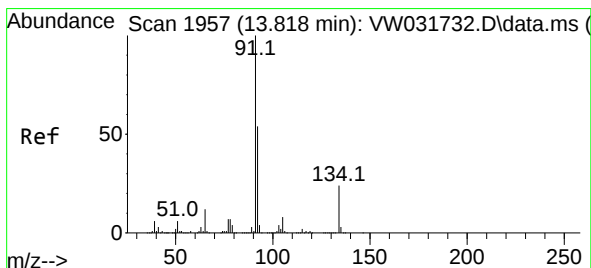
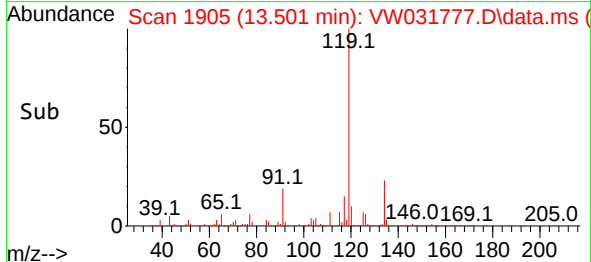
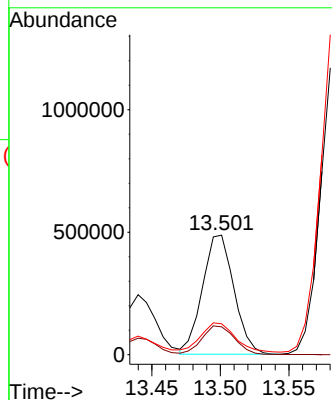
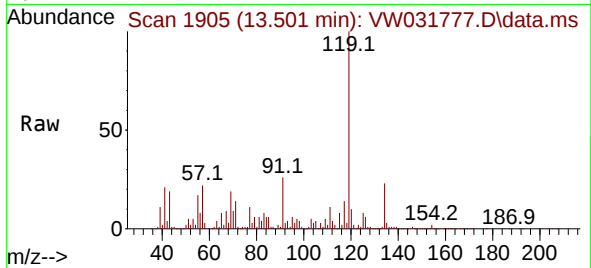




#86
p-Isopropyltoluene
Concen: 62.885 ug/l
RT: 13.501 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

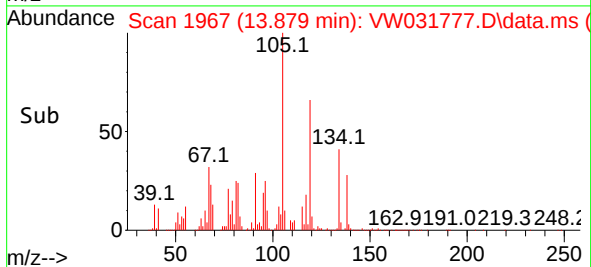
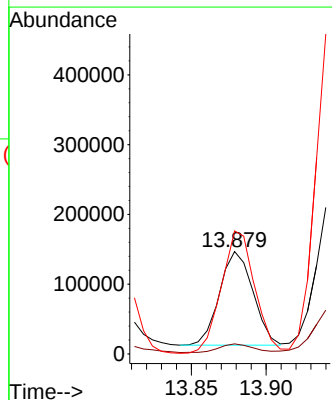
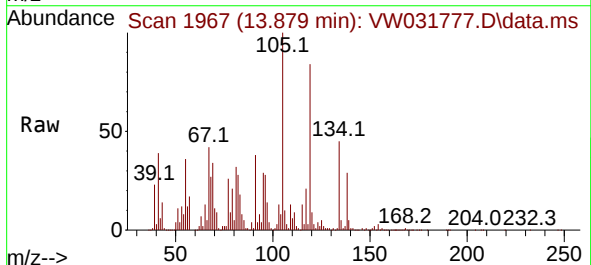
Instrument :
MSVOA_W
ClientSampleId :
GPX7

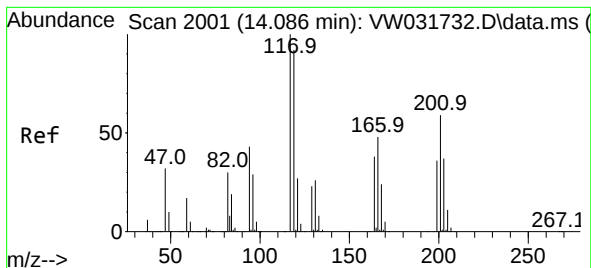
Tgt Ion:119 Resp: 778666
Ion Ratio Lower Upper
119 100
134 25.0 12.9 38.7
91 26.4 12.7 38.0



#89
n-Butylbenzene
Concen: 17.349 ug/l
RT: 13.879 min Scan# 1967
Delta R.T. 0.061 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

Tgt Ion: 91 Resp: 208720
Ion Ratio Lower Upper
91 100
92 9.0 27.2 81.5#
134 131.9 12.2 36.6#





#90

Hexachloroethane

Concen: 400.706 ug/l

RT: 14.092 min Scan# 2001

Delta R.T. 0.006 min

Lab File: VW031777.D

Acq: 09 Jul 2025 15:40

Instrument :

MSVOA_W

ClientSampleId :

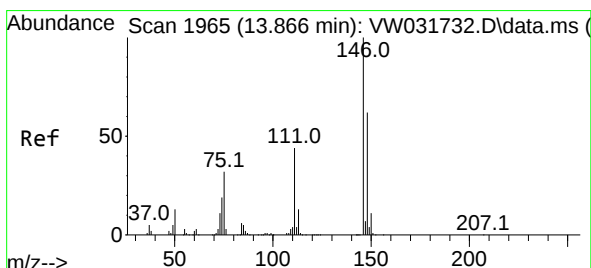
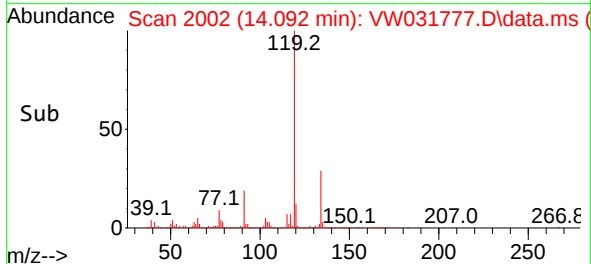
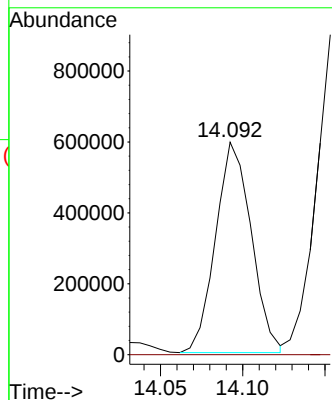
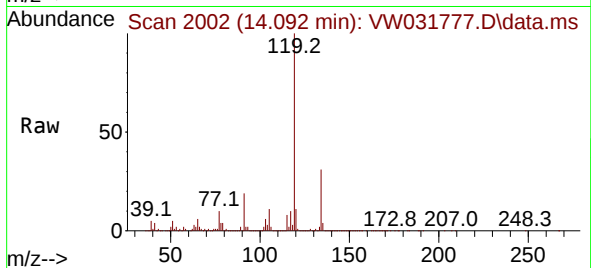
GPX7

Tgt Ion:117 Resp: 895130

Ion Ratio Lower Upper

117 100

201 0.0 31.1 93.3#



#91

1,2-Dichlorobenzene

Concen: 1.786 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW031777.D

Acq: 09 Jul 2025 15:40

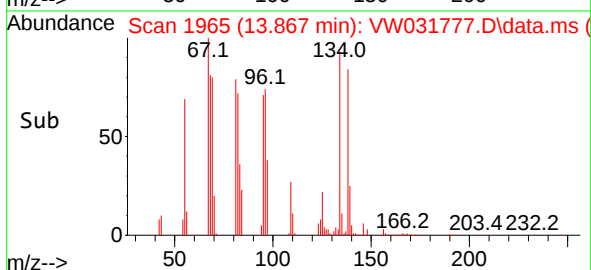
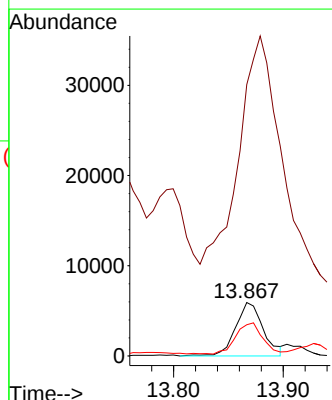
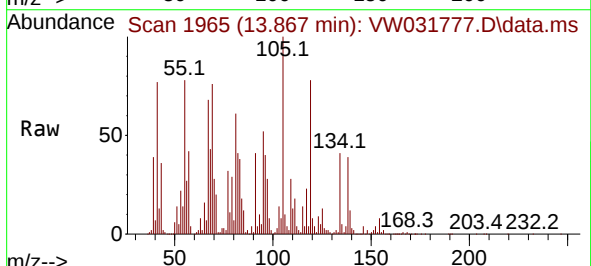
Tgt Ion:146 Resp: 10309

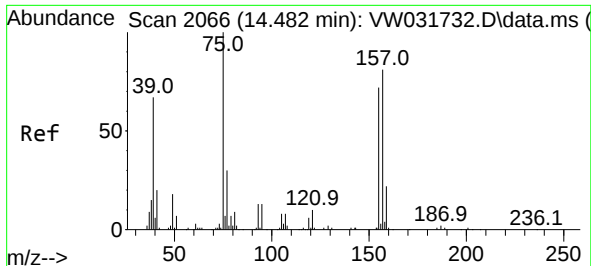
Ion Ratio Lower Upper

146 100

111 729.6 21.7 65.1#

148 54.8 29.8 89.5





#92

1,2-Dibromo-3-Chloropropane

Concen: 14.989 ug/l

RT: 14.495 min Scan# 2066

Delta R.T. 0.012 min

Lab File: VW031777.D

Acq: 09 Jul 2025 15:40

Instrument :

MSVOA_W

ClientSampleId :

GPX7

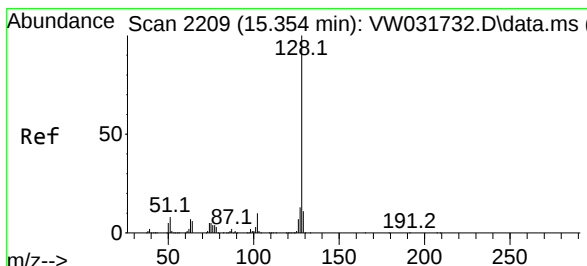
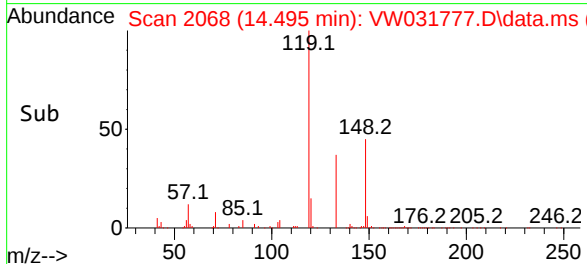
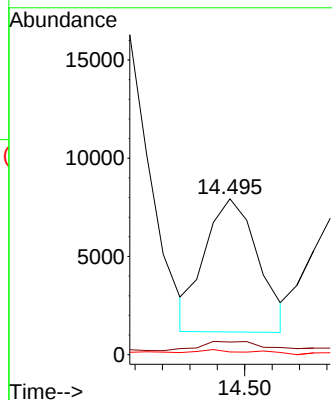
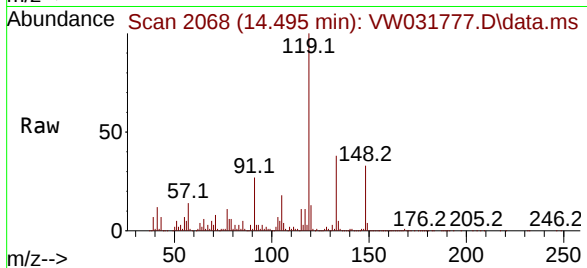
Tgt Ion: 75 Resp: 9173

Ion Ratio Lower Upper

75 100

155 8.3 37.2 111.6#

157 4.0 45.6 136.9#



#95

Naphthalene

Concen: 1.558 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW031777.D

Acq: 09 Jul 2025 15:40

Tgt Ion: 128 Resp: 13597

Ion Ratio Lower Upper

128 100

127 0.0 10.8 16.2#

129 0.0 8.7 13.1#

