

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
 Data File : VW031796.D
 Acq On : 10 Jul 2025 12:41
 Operator : SY/MD
 Sample : Q2480-04
 Misc : 7.35g/5mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GPX4

Quant Time: Jul 11 02:18:30 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	183364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	381218	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	355538	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	162355	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.325	65	138917	52.790	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 105.580%	
35) Dibromofluoromethane	7.898	113	121682	48.915	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 97.840%	
50) Toluene-d8	10.325	98	463861	50.107	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 100.220%	
62) 4-Bromofluorobenzene	12.617	95	163688	48.048	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 96.100%	

Target Compounds				Qvalue		
13) Acrolein	3.887	56	1846	6.300	ug/l #	1
14) Allyl chloride	4.807	41	3622	1.080	ug/l #	71
15) Acrylonitrile	5.478	53	2840	4.229	ug/l #	23
16) Acetone	4.167	43	13972	21.481	ug/l	91
17) Carbon Disulfide	4.429	76	6100	1.043	ug/l #	95
18) Methyl Acetate	4.789	43	2134	1.148	ug/l #	49
20) Methylene Chloride	4.966	84	35164	9.852	ug/l	95
25) 2-Butanone	7.203	43	4286	5.065	ug/l #	83
30) Chloroform	7.715	83	4603	1.022	ug/l #	32
31) Cyclohexane	7.971	56	198958	53.100	ug/l	96
36) 1,1-Dichloropropene	7.965	75	16629	4.620	ug/l #	72
37) Ethyl Acetate	7.203	43	4286	1.887	ug/l #	23
38) Carbon Tetrachloride	7.959	117	20919	5.703	ug/l #	17
39) Methylcyclohexane	9.343	83	248759	55.544	ug/l	98
40) Benzene	8.337	78	57545	5.403	ug/l	100
41) Methacrylonitrile	7.539	41	2525	2.076	ug/l #	45
43) Isopropyl Acetate	8.435	43	5195	1.327	ug/l #	58
45) 1,2-Dichloropropane	9.349	63	3469	1.348	ug/l #	1
48) Methyl methacrylate	9.520	41	14345	7.453	ug/l #	60
49) 1,4-Dioxane	9.459	88	44	2.261	ug/l #	1
52) Toluene	10.392	92	93886	13.769	ug/l	97
55) 1,1,2-Trichloroethane	10.764	97	15394	7.072	ug/l #	23
56) Ethyl methacrylate	10.672	69	5415	1.834	ug/l #	1
59) 2-Hexanone	10.934	43	5199	3.409	ug/l #	29
67) Ethyl Benzene	11.733	91	4021800	295.667	ug/l	98
68) m/p-Xylenes	11.837	106	1098568	210.091	ug/l	98
69) o-Xylene	12.166	106	41611	8.595	ug/l	95
73) Isopropylbenzene	12.464	105	228390	18.494	ug/l	100
76) 1,2,3-Trichloropropane	12.867	75	3385	1.613	ug/l #	1
78) n-propylbenzene	12.800	91	398920	26.975	ug/l	98
79) 2-Chlorotoluene	12.897	91	28457	3.196	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.940	105	251549	24.608	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.458	75	2951	3.276	ug/l #	67
82) 4-Chlorotoluene	12.940	91	25964	2.777	ug/l #	43
84) 1,2,4-Trimethylbenzene	13.245	105	701299	67.710	ug/l	100
85) sec-Butylbenzene	13.245	105	701299	53.359	ug/l #	58

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031796.D
Acq On : 10 Jul 2025 12:41
Operator : SY/MD
Sample : Q2480-04
Misc : 7.35g/5mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

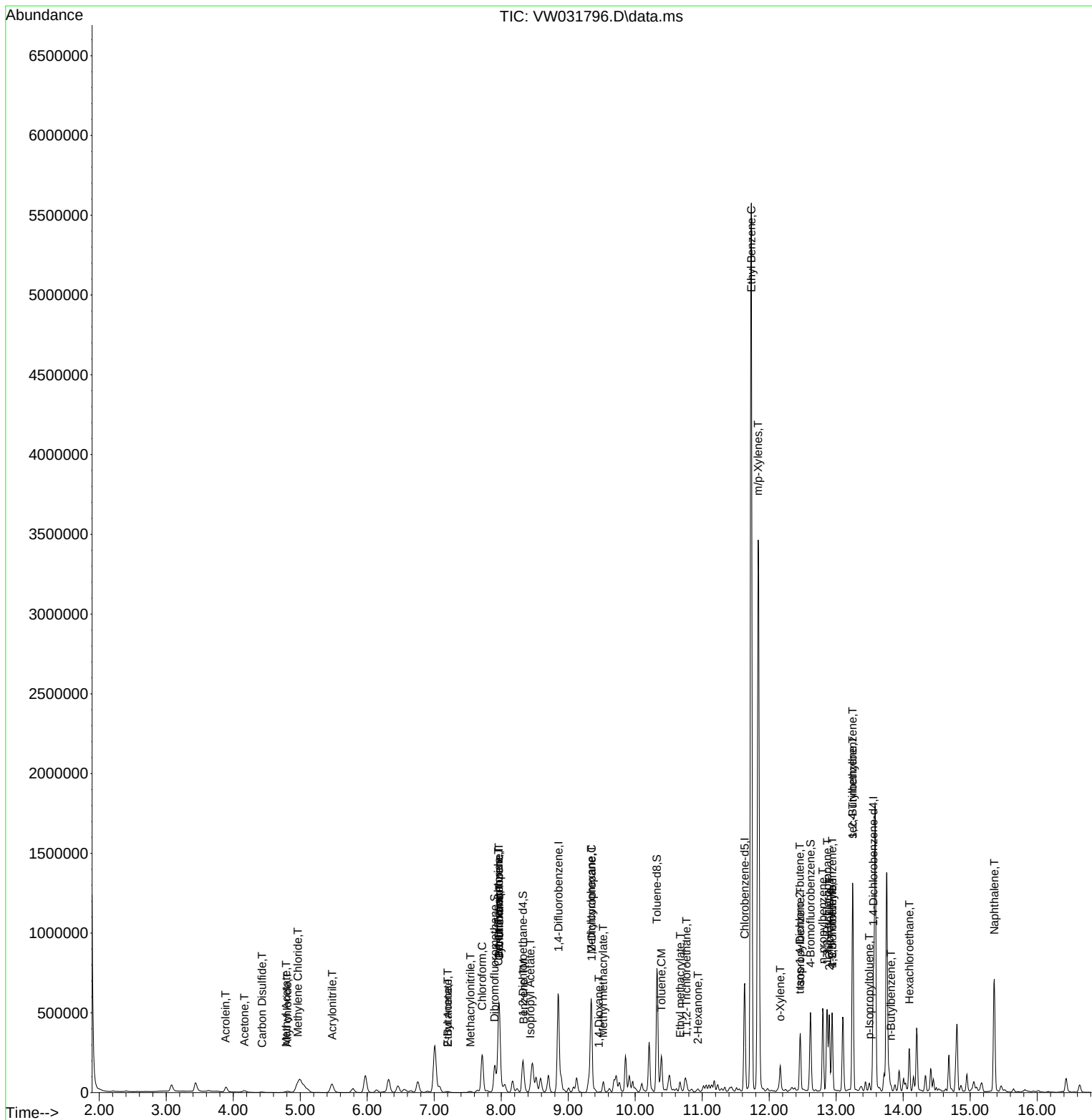
Instrument :
MSVOA_W
ClientSampleId :
GPX4

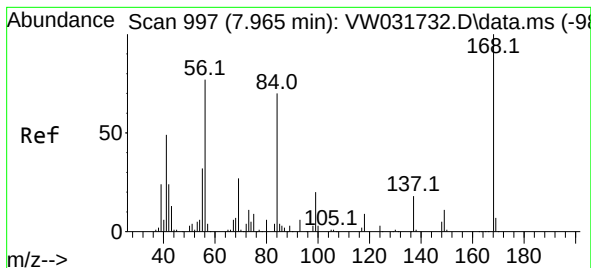
Quant Time: Jul 11 02:18:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	13.495	119	18858	1.741	ug/l	97
89) n-Butylbenzene	13.818	91	17224	1.637	ug/l #	78
90) Hexachloroethane	14.092	117	13558	6.938	ug/l #	19
95) Naphthalene	15.360	128	600830	78.710	ug/l	100

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

Quant Time: Jul 11 02:18:30 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.965 min Scan# 99

Delta R.T. 0.000 min

Lab File: VW031796.D

Acq: 10 Jul 2025 12:41

Instrument :

MSVOA_W

ClientSampleId :

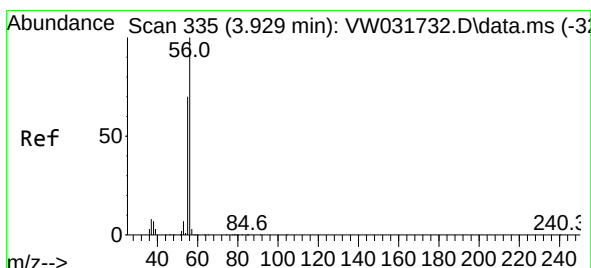
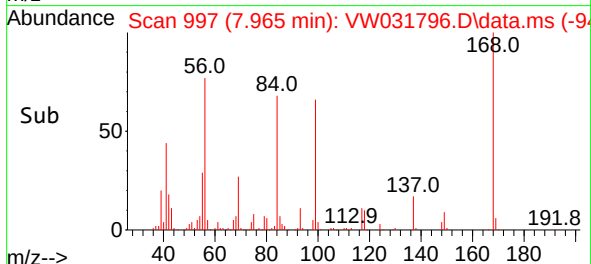
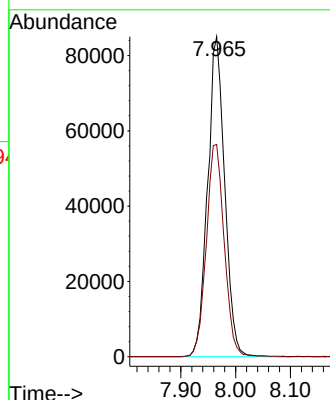
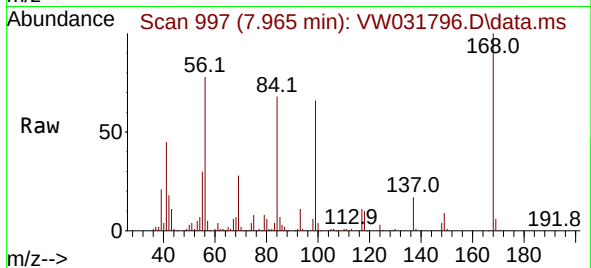
GPX4

Tgt Ion:168 Resp: 183364

Ion Ratio Lower Upper

168 100

99 66.3 49.4 74.2



#13

Acrolein

Concen: 6.300 ug/l

RT: 3.887 min Scan# 328

Delta R.T. -0.042 min

Lab File: VW031796.D

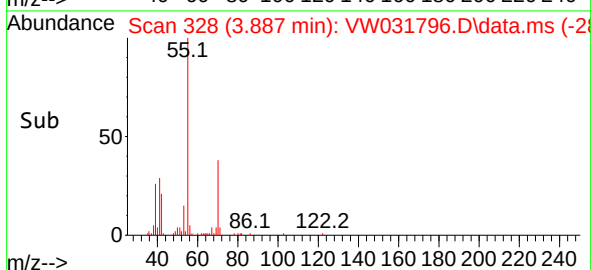
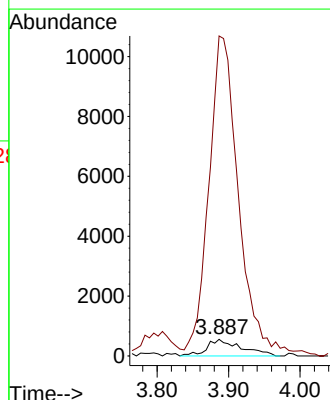
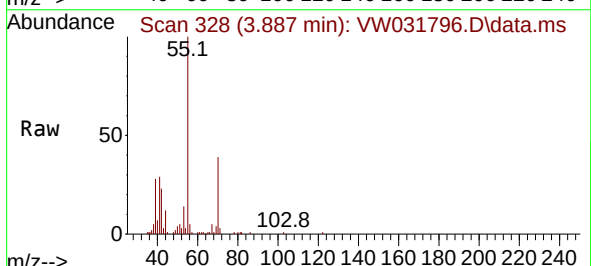
Acq: 10 Jul 2025 12:41

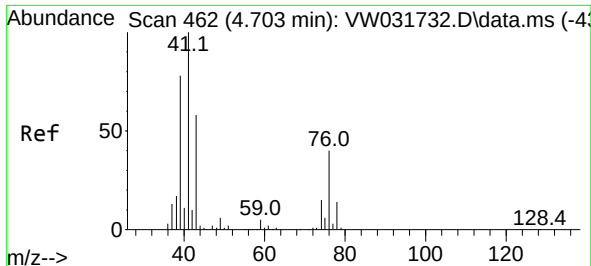
Tgt Ion: 56 Resp: 1846

Ion Ratio Lower Upper

56 100

55 1685.2 54.0 81.0#

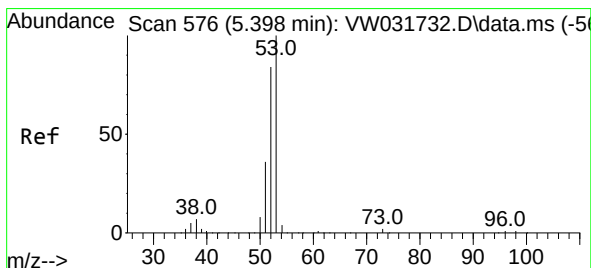
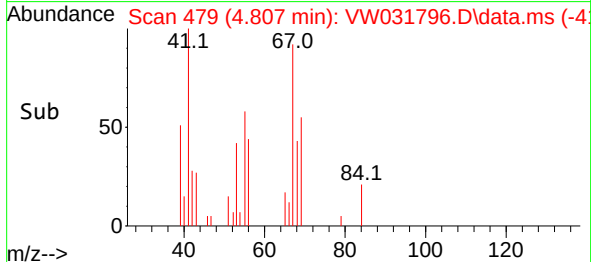
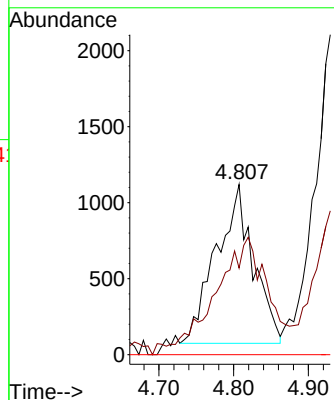
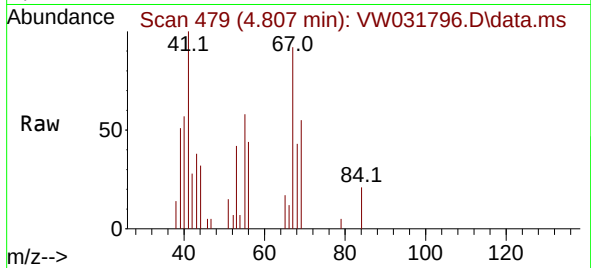




#14
 Allyl chloride
 Concen: 1.080 ug/l
 RT: 4.807 min Scan# 41
 Delta R.T. 0.104 min
 Lab File: VW031796.D
 Acq: 10 Jul 2025 12:41

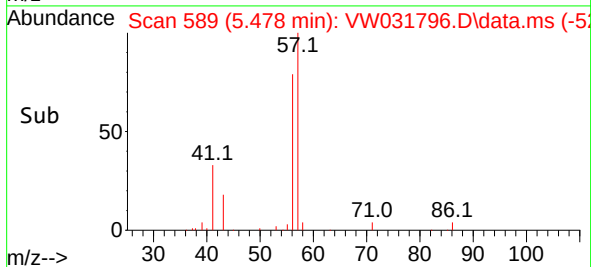
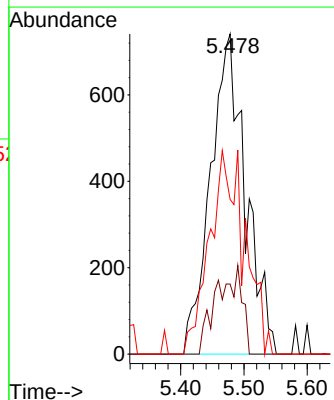
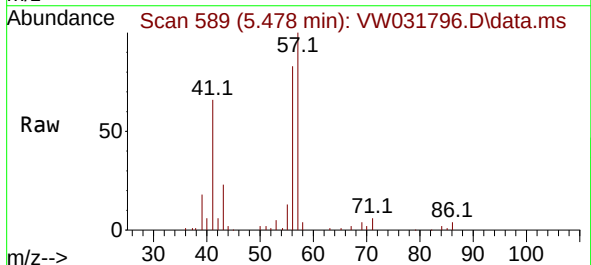
Instrument :
 MSVOA_W
 ClientSampleId :
 GPX4

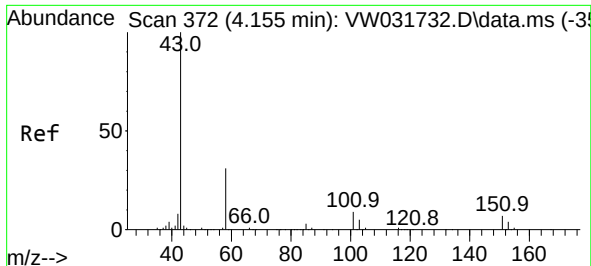
Tgt Ion: 41 Resp: 3622
 Ion Ratio Lower Upper
 41 100
 39 86.4 60.7 91.1
 76 0.0 30.3 45.5#



#15
 Acrylonitrile
 Concen: 4.229 ug/l
 RT: 5.478 min Scan# 589
 Delta R.T. 0.080 min
 Lab File: VW031796.D
 Acq: 10 Jul 2025 12:41

Tgt Ion: 53 Resp: 2840
 Ion Ratio Lower Upper
 53 100
 52 0.0 66.4 99.6#
 51 64.0 29.9 44.9#

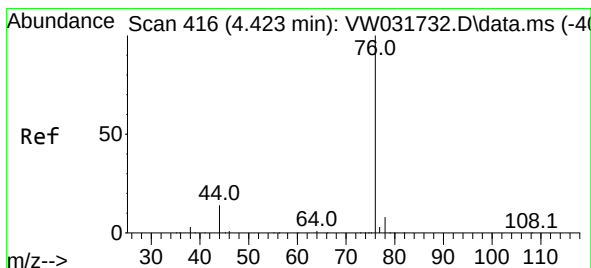
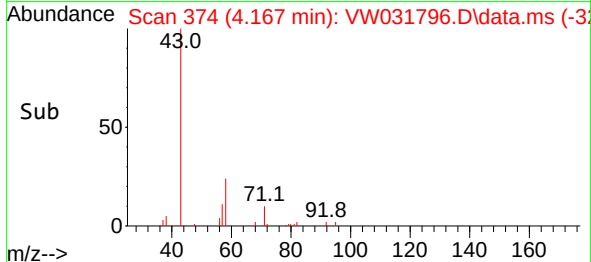
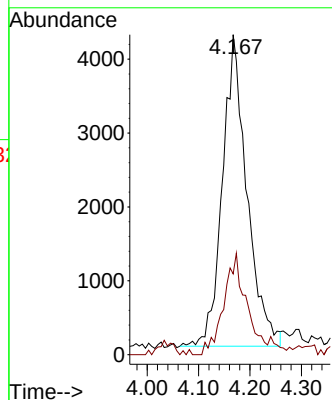
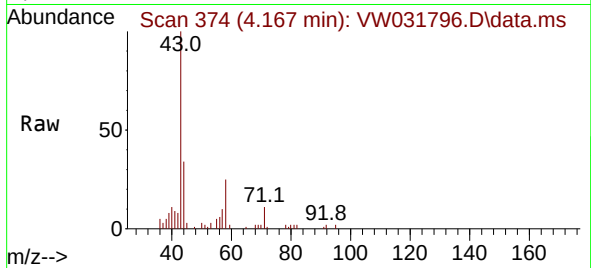




#16
Acetone
Concen: 21.481 ug/l
RT: 4.167 min Scan# 31
Delta R.T. 0.012 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

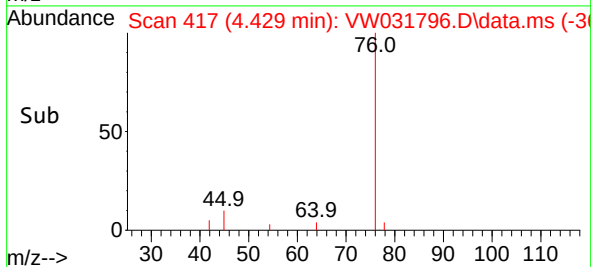
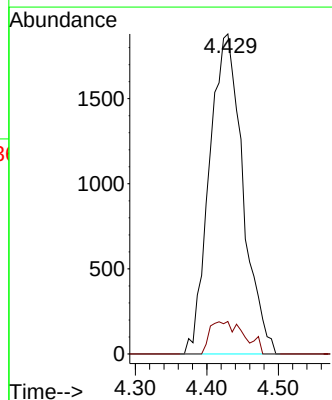
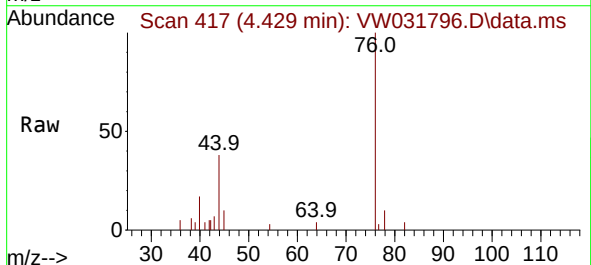
Instrument :
MSVOA_W
ClientSampleId :
GPX4

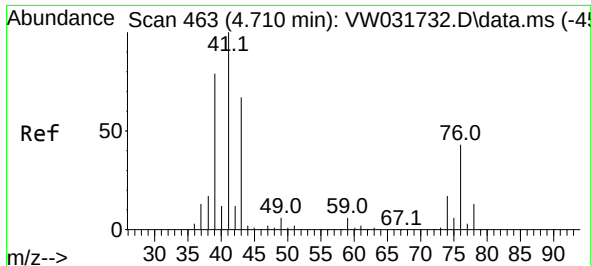
Tgt Ion: 43 Resp: 13972
Ion Ratio Lower Upper
43 100
58 25.9 24.8 37.2



#17
Carbon Disulfide
Concen: 1.043 ug/l
RT: 4.429 min Scan# 417
Delta R.T. 0.006 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

Tgt Ion: 76 Resp: 6100
Ion Ratio Lower Upper
76 100
78 10.2 6.6 10.0#

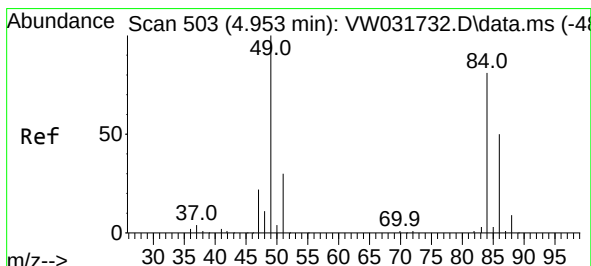
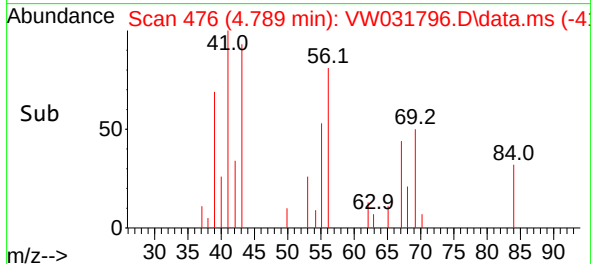
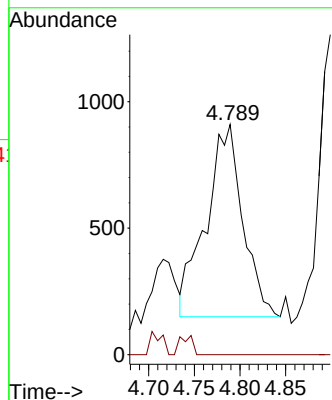
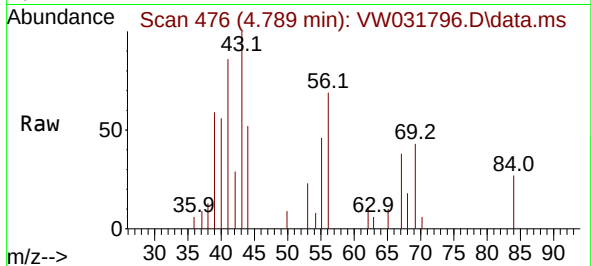




#18
Methyl Acetate
Concen: 1.148 ug/l
RT: 4.789 min Scan# 41
Delta R.T. 0.080 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

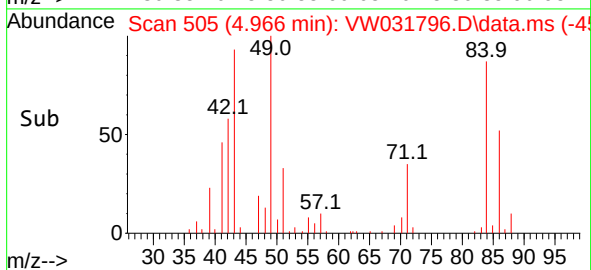
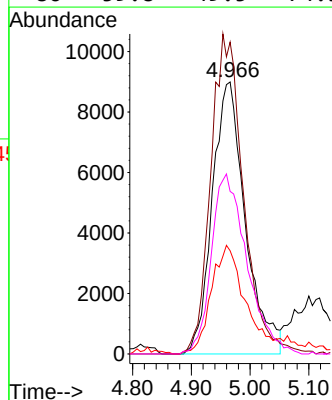
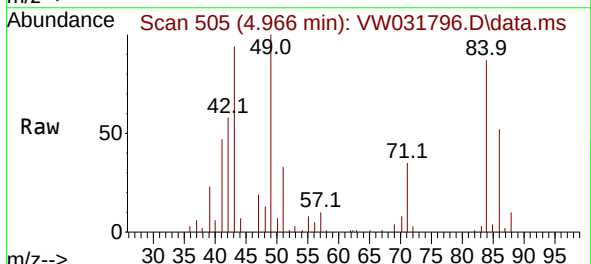
Instrument :
MSVOA_W
ClientSampleId :
GPX4

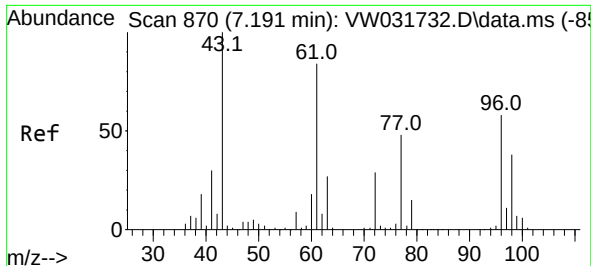
Tgt Ion: 43 Resp: 2134
Ion Ratio Lower Upper
43 100
74 0.0 20.6 30.8#



#20
Methylene Chloride
Concen: 9.852 ug/l
RT: 4.966 min Scan# 505
Delta R.T. 0.012 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

Tgt Ion: 84 Resp: 35164
Ion Ratio Lower Upper
84 100
49 114.7 98.2 147.4
51 38.0 29.8 44.8
86 59.8 49.5 74.3





#25

2-Butanone

Concen: 5.065 ug/l

RT: 7.203 min Scan# 81

Delta R.T. 0.012 min

Lab File: VW031796.D

Acq: 10 Jul 2025 12:41

Instrument :

MSVOA_W

ClientSampleId :

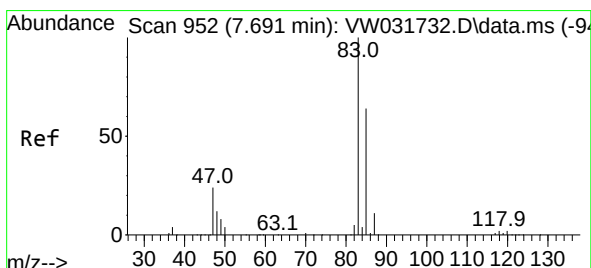
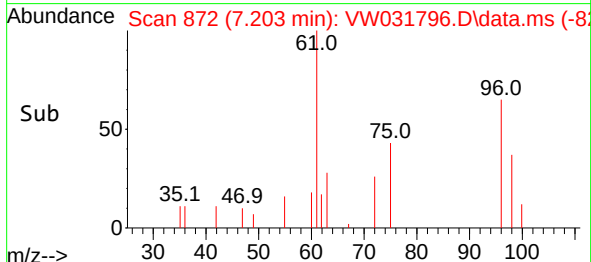
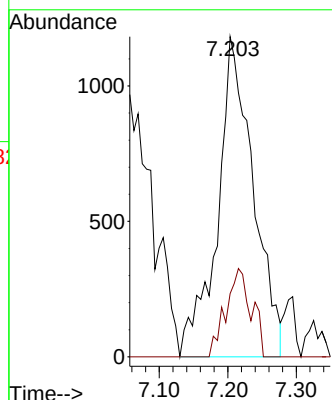
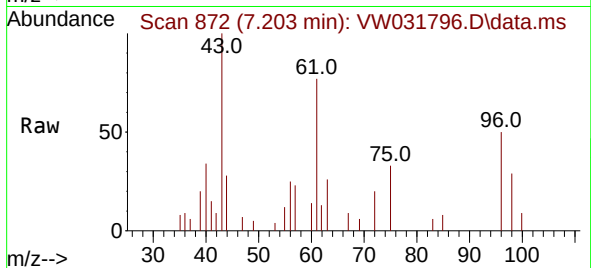
GPX4

Tgt Ion: 43 Resp: 4286

Ion Ratio Lower Upper

43 100

72 19.7 23.0 34.6#



#30

Chloroform

Concen: 1.022 ug/l

RT: 7.715 min Scan# 956

Delta R.T. 0.025 min

Lab File: VW031796.D

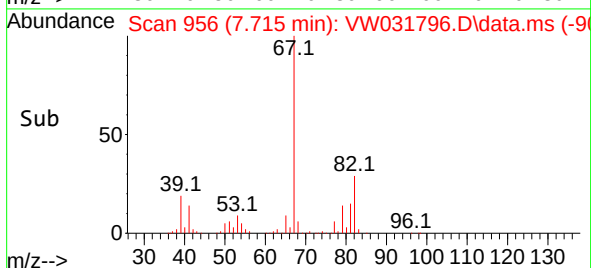
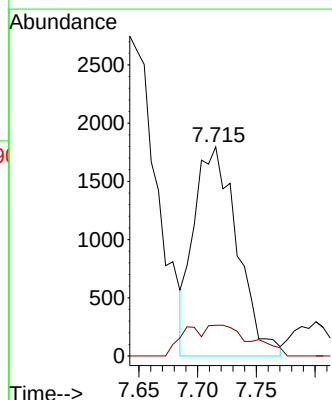
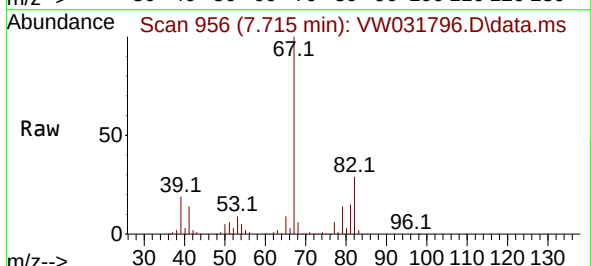
Acq: 10 Jul 2025 12:41

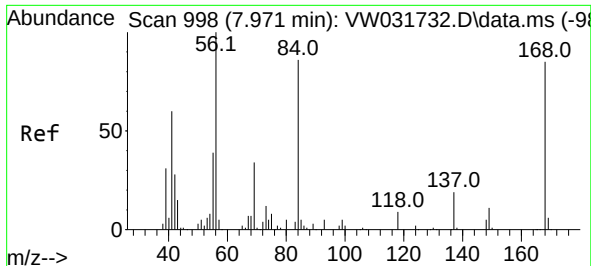
Tgt Ion: 83 Resp: 4603

Ion Ratio Lower Upper

83 100

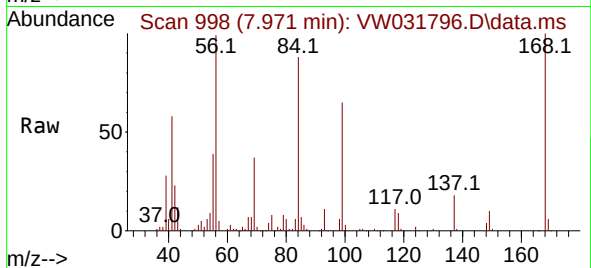
85 11.2 51.4 77.0#



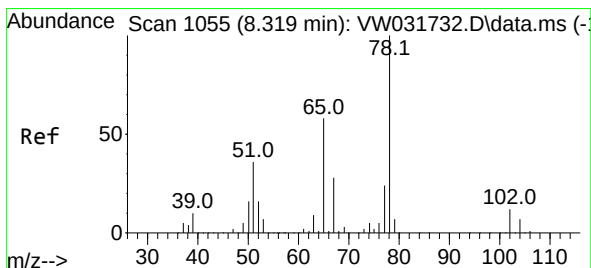
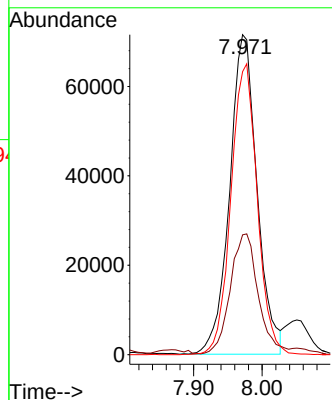
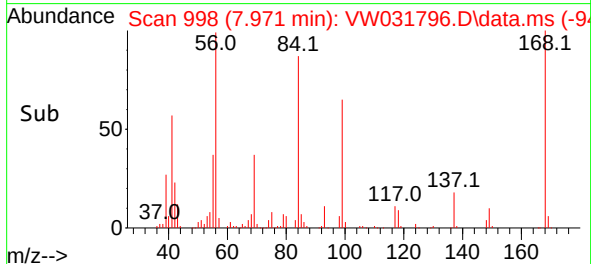


#31
Cyclohexane
Concen: 53.100 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

Instrument :
MSVOA_W
ClientSampleId :
GPX4

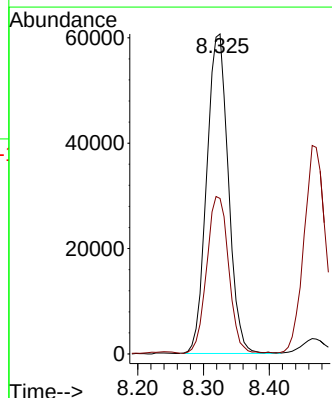
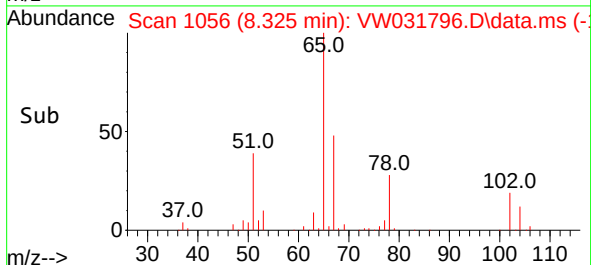
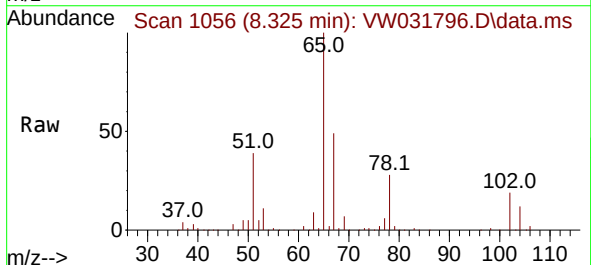


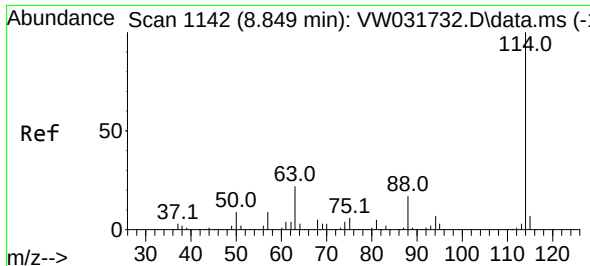
Tgt Ion: 56 Resp: 198958
Ion Ratio Lower Upper
56 100
69 36.4 27.2 40.8
84 88.6 68.5 102.7



#33
1,2-Dichloroethane-d4
Concen: 52.790 ug/l
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

Tgt Ion: 65 Resp: 138917
Ion Ratio Lower Upper
65 100
67 49.8 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: VW031796.D

Acq: 10 Jul 2025 12:41

Instrument :

MSVOA_W

ClientSampleId :

GPX4

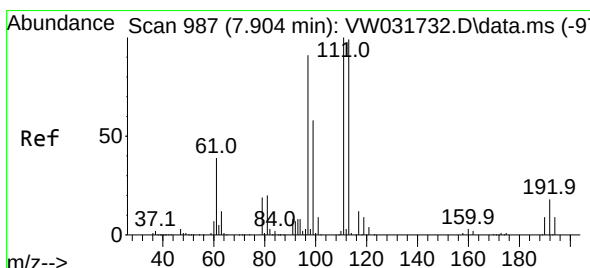
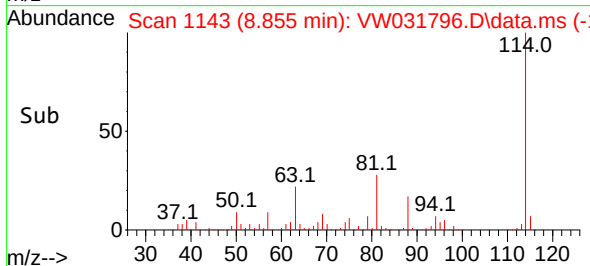
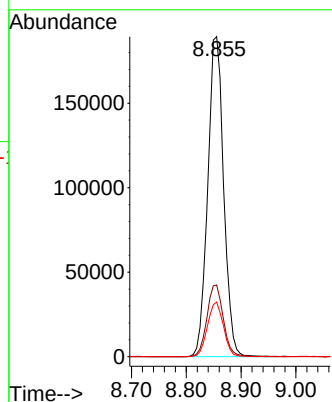
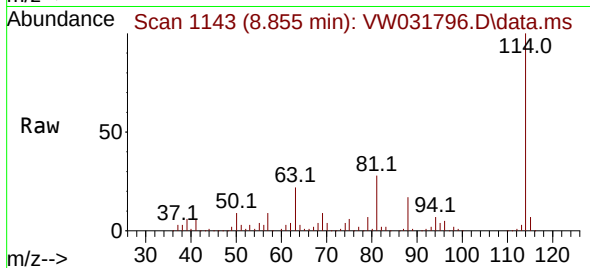
Tgt Ion:114 Resp: 381218

Ion Ratio Lower Upper

114 100

63 22.4 0.0 43.6

88 17.1 0.0 34.2



#35

Dibromofluoromethane

Concen: 48.915 ug/l

RT: 7.898 min Scan# 986

Delta R.T. -0.006 min

Lab File: VW031796.D

Acq: 10 Jul 2025 12:41

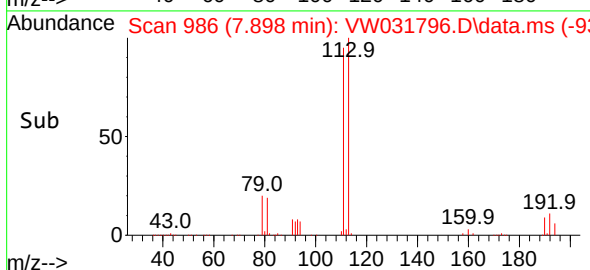
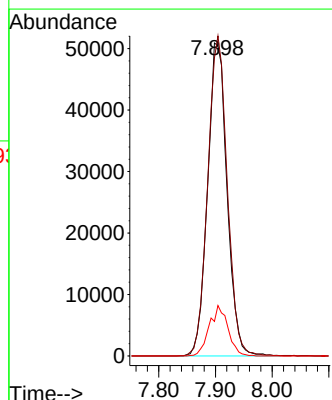
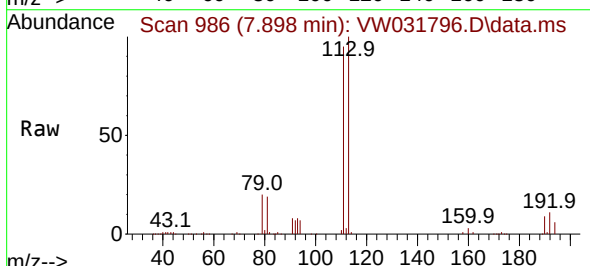
Tgt Ion:113 Resp: 121682

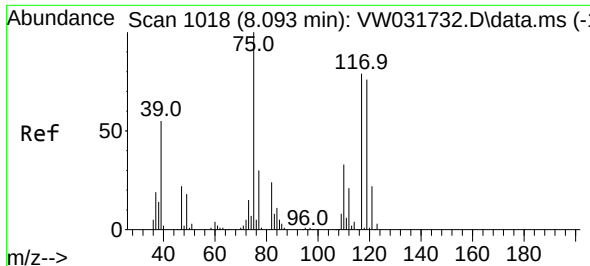
Ion Ratio Lower Upper

113 100

111 102.2 82.1 123.1

192 15.4 13.8 20.6

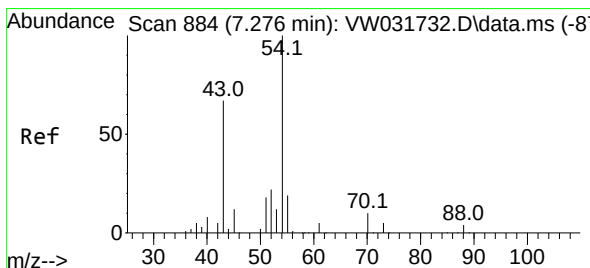
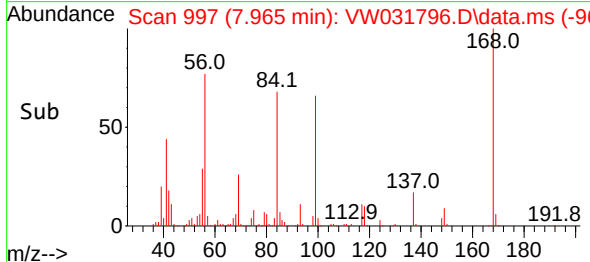
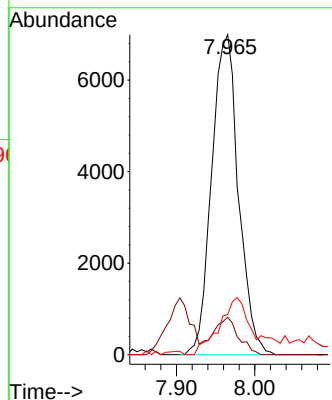
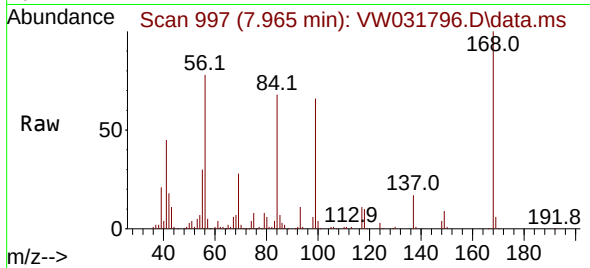




#36
 1,1-Dichloropropene
 Concen: 4.620 ug/l
 RT: 7.965 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VW031796.D
 Acq: 10 Jul 2025 12:41

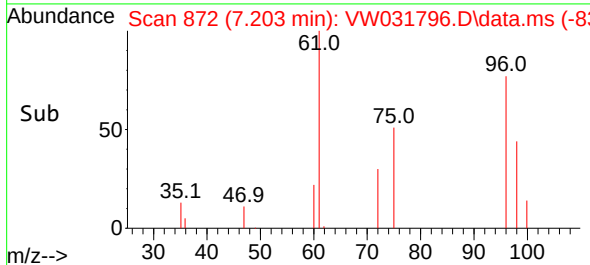
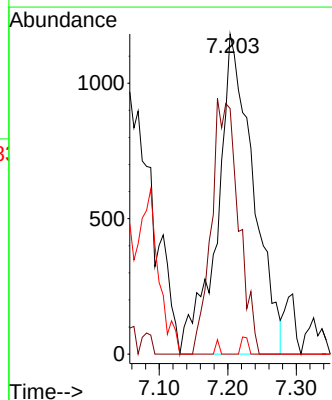
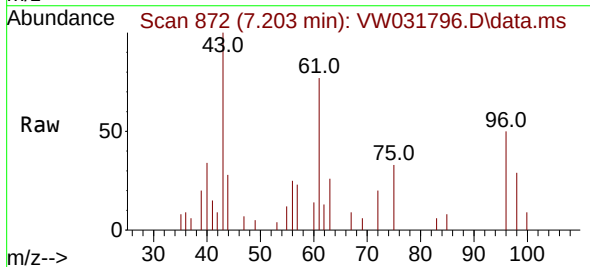
Instrument :
 MSVOA_W
 ClientSampleId :
 GPX4

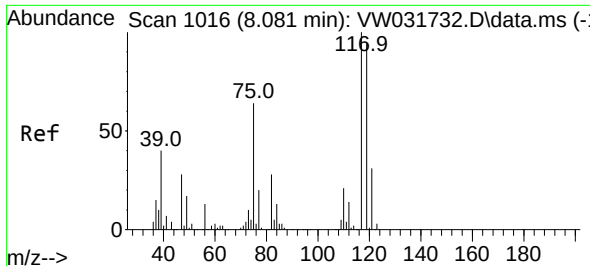
Tgt Ion: 75 Resp: 16629
 Ion Ratio Lower Upper
 75 100
 110 10.5 16.8 50.4#
 77 22.7 25.0 37.6#



#37
 Ethyl Acetate
 Concen: 1.887 ug/l
 RT: 7.203 min Scan# 872
 Delta R.T. -0.073 min
 Lab File: VW031796.D
 Acq: 10 Jul 2025 12:41

Tgt Ion: 43 Resp: 4286
 Ion Ratio Lower Upper
 43 100
 61 60.5 10.9 16.3#
 70 0.0 9.2 13.8#

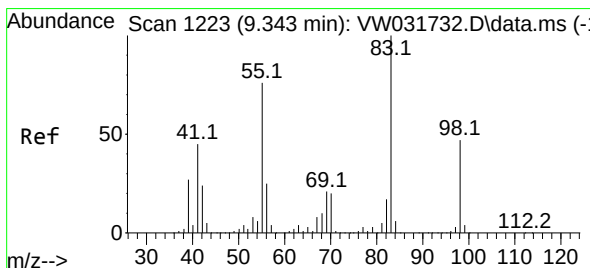
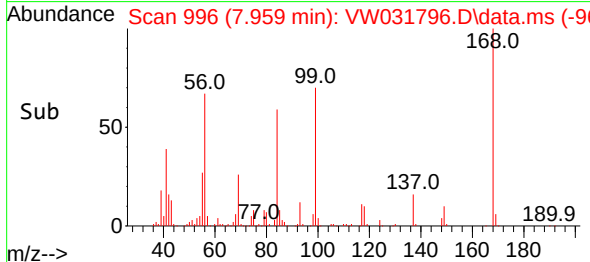
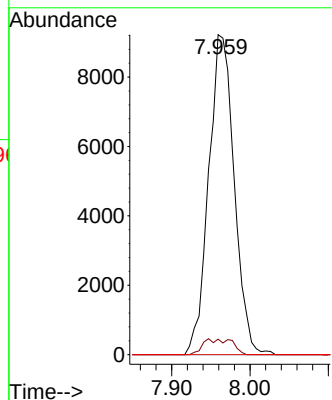
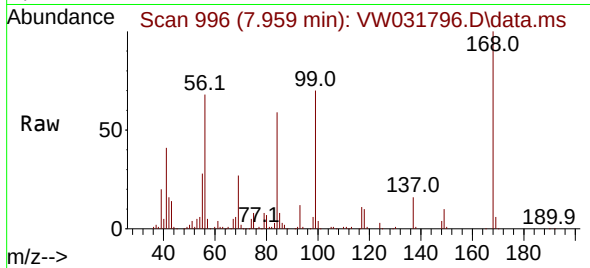




#38
Carbon Tetrachloride
Concen: 5.703 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.122 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

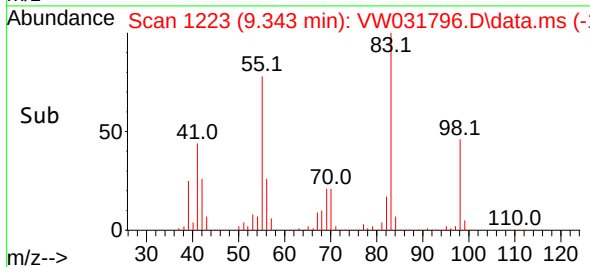
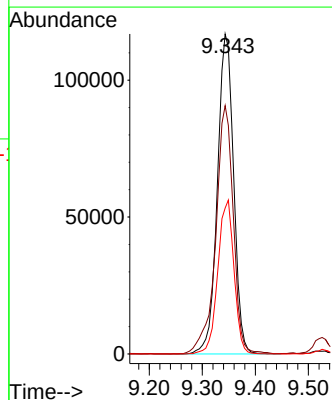
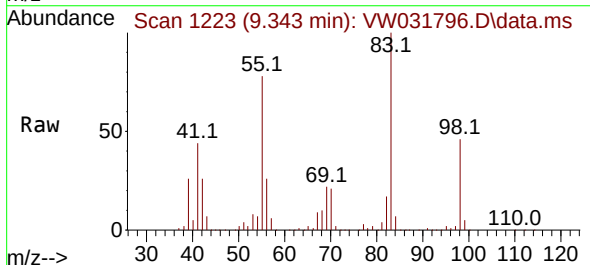
Instrument :
MSVOA_W
ClientSampleId :
GPX4

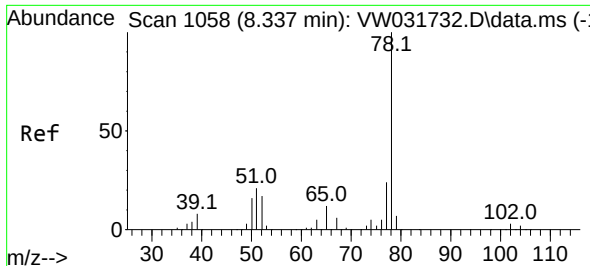
Tgt Ion:117 Resp: 20919
Ion Ratio Lower Upper
117 100
119 4.9 75.0 112.6#
121 0.0 24.6 37.0#



#39
Methylcyclohexane
Concen: 55.544 ug/l
RT: 9.343 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

Tgt Ion: 83 Resp: 248759
Ion Ratio Lower Upper
83 100
55 77.5 61.0 91.4
98 45.6 37.9 56.9

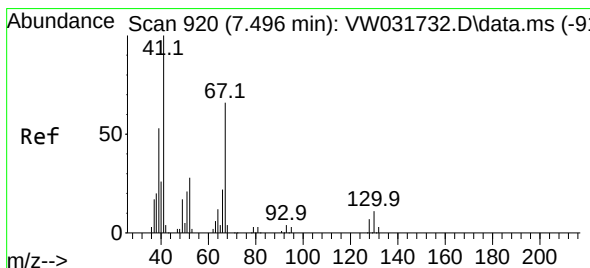
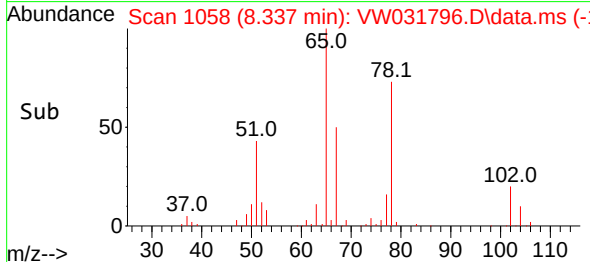
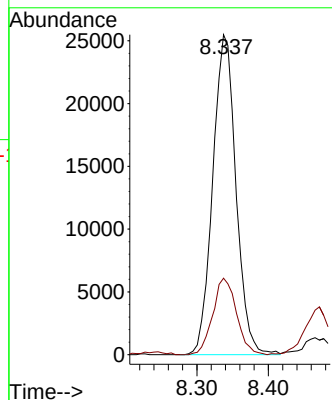
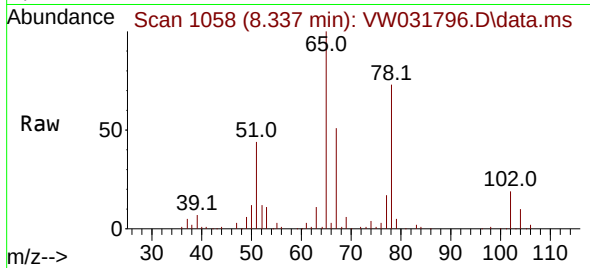




#40
Benzene
Concen: 5.403 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

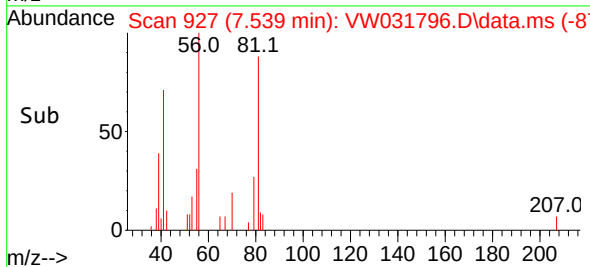
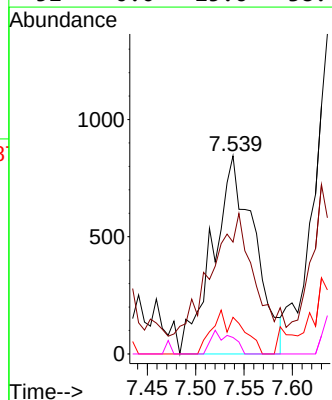
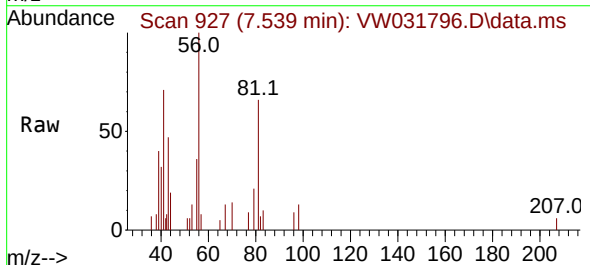
Instrument :
MSVOA_W
ClientSampleId :
GPX4

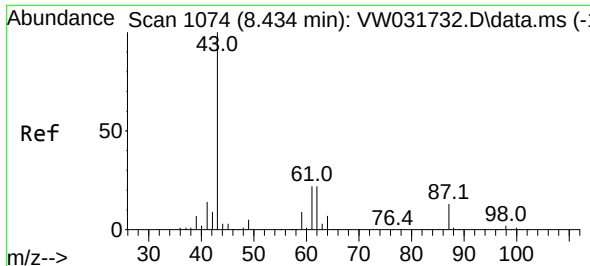
Tgt Ion: 78 Resp: 57545
Ion Ratio Lower Upper
78 100
77 23.9 19.2 28.8



#41
Methacrylonitrile
Concen: 2.076 ug/l
RT: 7.539 min Scan# 927
Delta R.T. 0.043 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

Tgt Ion: 41 Resp: 2525
Ion Ratio Lower Upper
41 100
39 62.2 43.2 64.8
67 0.0 58.1 87.1#
52 0.0 25.6 38.4#

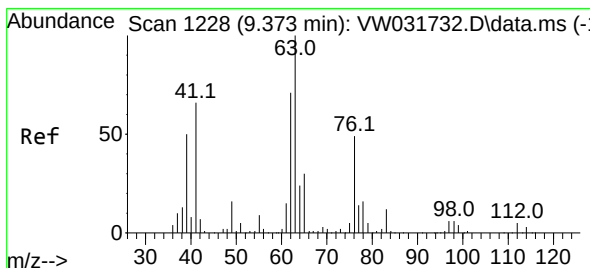
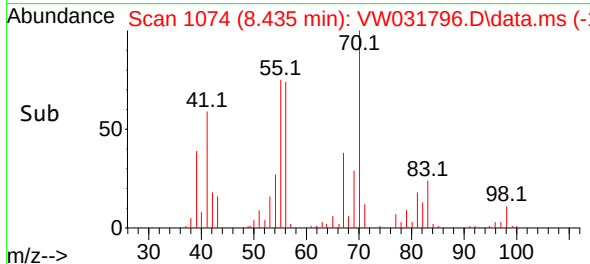
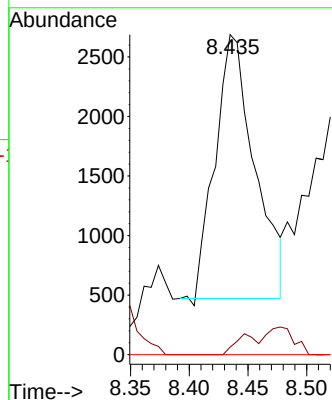
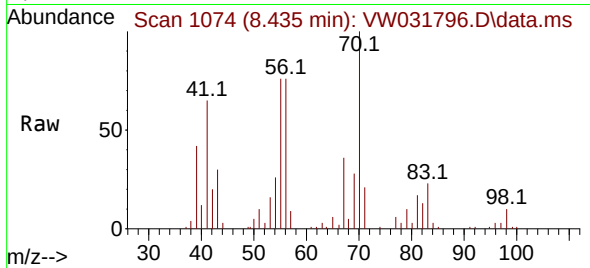




#43
Isopropyl Acetate
Concen: 1.327 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

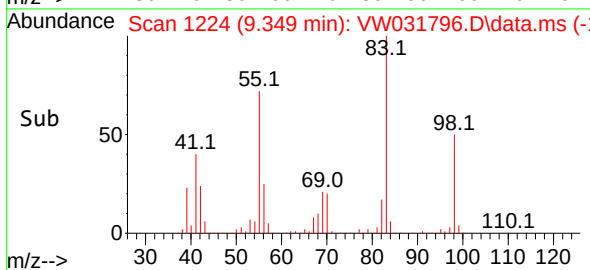
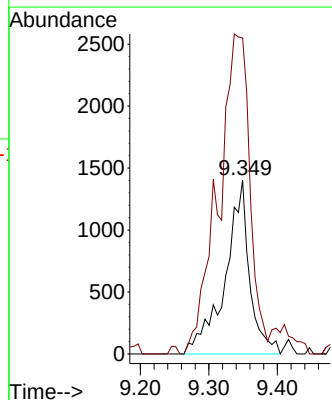
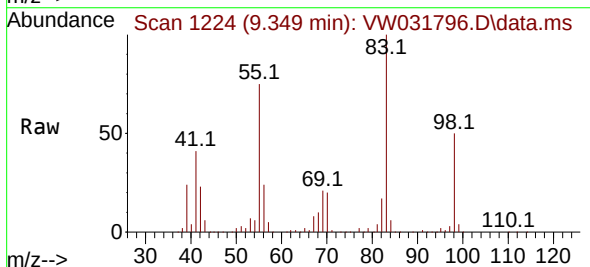
Instrument :
MSVOA_W
ClientSampleId :
GPX4

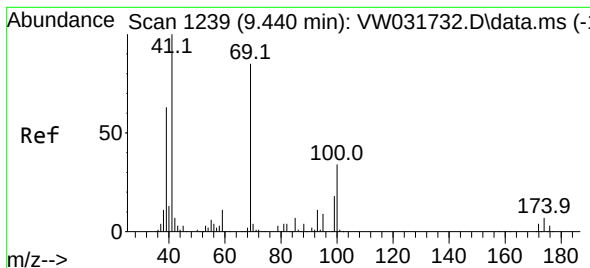
Tgt Ion: 43 Resp: 5195
Ion Ratio Lower Upper
43 100
61 4.2 23.1 34.7#
87 0.0 10.8 16.2#



#45
1,2-Dichloropropane
Concen: 1.348 ug/l
RT: 9.349 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

Tgt Ion: 63 Resp: 3469
Ion Ratio Lower Upper
63 100
65 181.8 24.2 36.4#





#48

Methyl methacrylate

Concen: 7.453 ug/l

RT: 9.520 min Scan# 1252

Delta R.T. 0.080 min

Lab File: VW031796.D

Acq: 10 Jul 2025 12:41

Instrument :

MSVOA_W

ClientSampleId :

GPX4

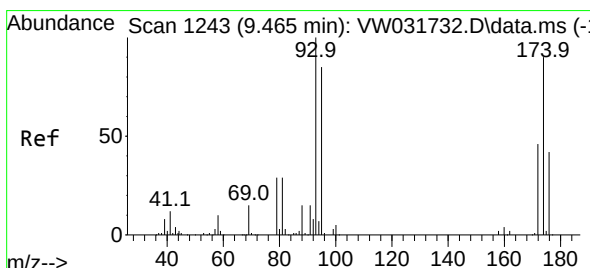
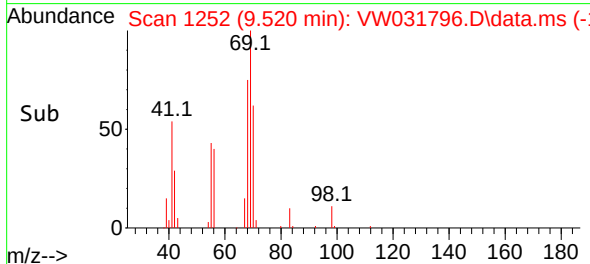
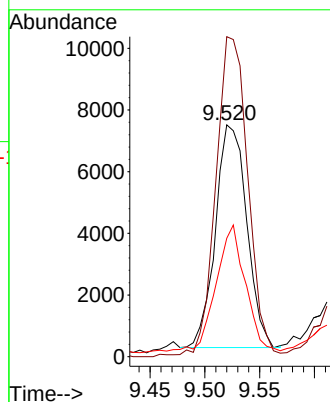
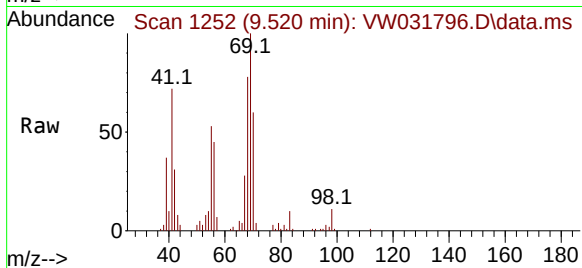
Tgt Ion: 41 Resp: 14345

Ion Ratio Lower Upper

41 100

69 147.4 71.6 107.4#

39 55.0 49.5 74.3



#49

1,4-Dioxane

Concen: 2.261 ug/l

RT: 9.459 min Scan# 1242

Delta R.T. -0.006 min

Lab File: VW031796.D

Acq: 10 Jul 2025 12:41

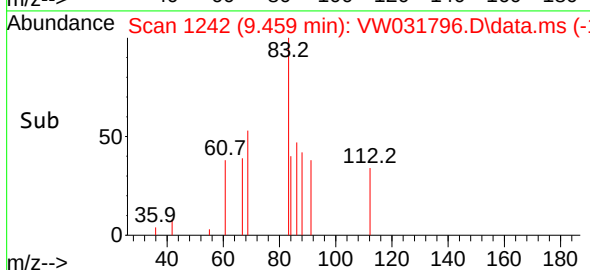
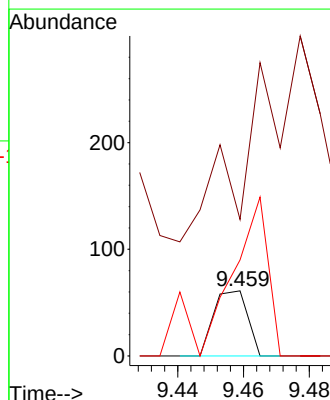
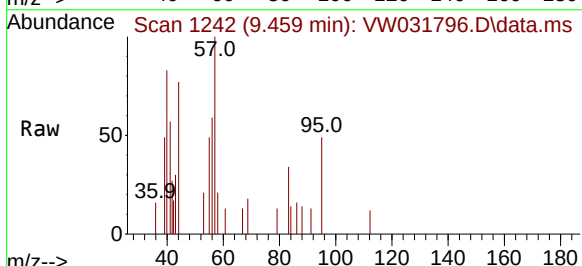
Tgt Ion: 88 Resp: 44

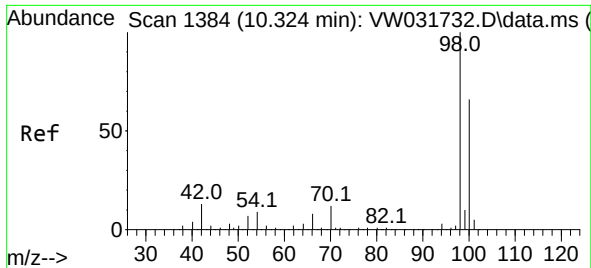
Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 293.2 58.3 87.5#

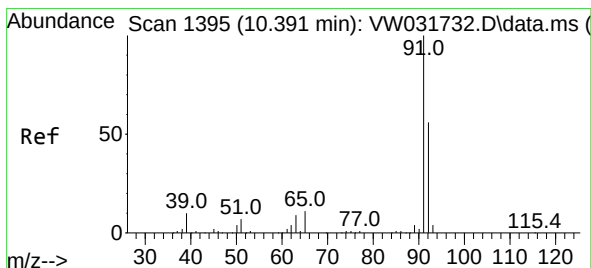
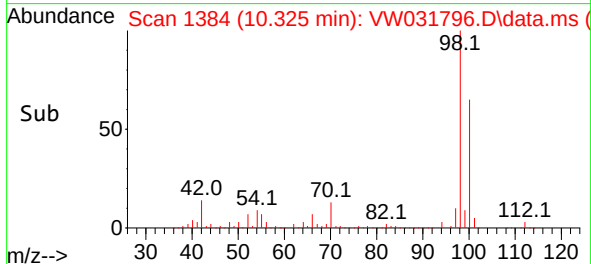
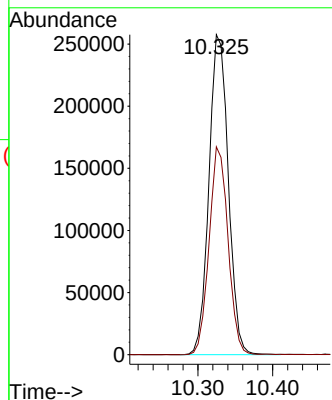
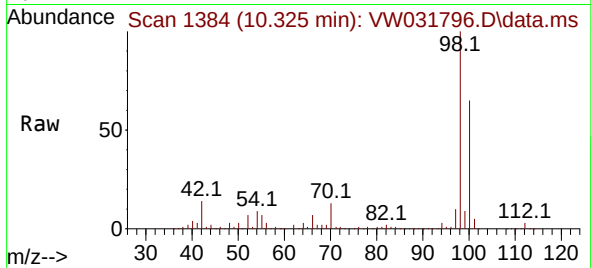




#50
Toluene-d8
Concen: 50.107 ug/l
RT: 10.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

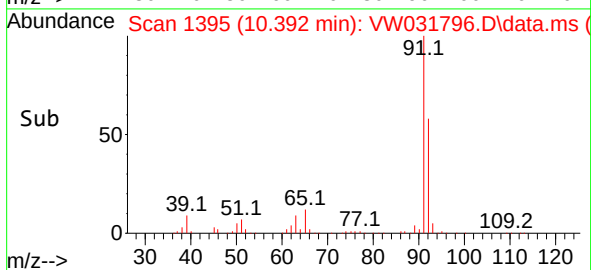
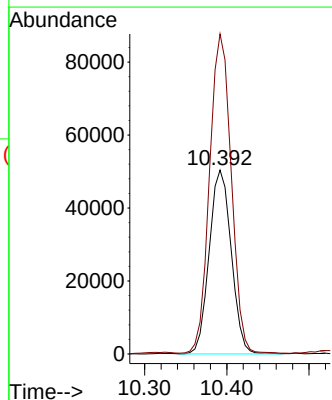
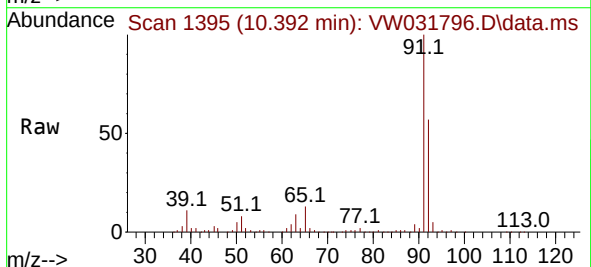
Instrument :
MSVOA_W
ClientSampleId :
GPX4

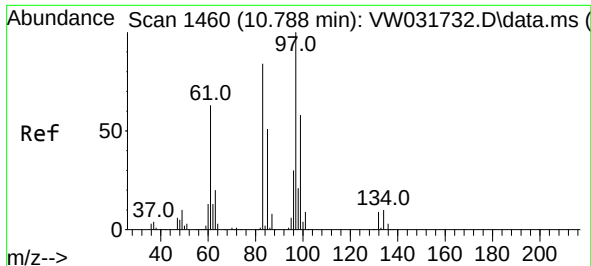
Tgt Ion: 98 Resp: 463861
Ion Ratio Lower Upper
98 100
100 63.6 53.0 79.4



#52
Toluene
Concen: 13.769 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

Tgt Ion: 92 Resp: 93886
Ion Ratio Lower Upper
92 100
91 170.6 139.5 209.3

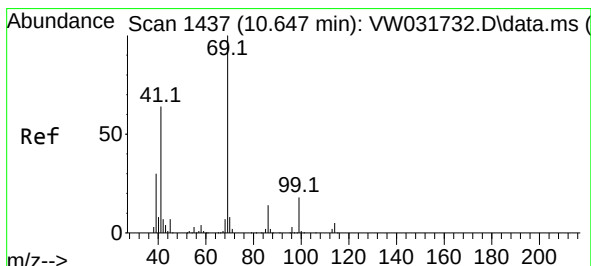
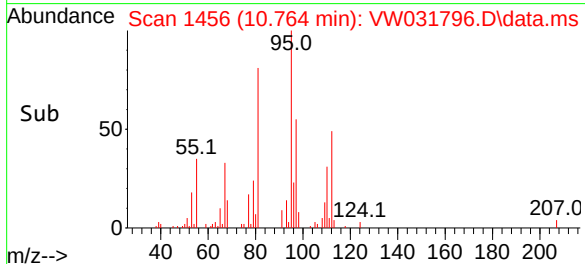
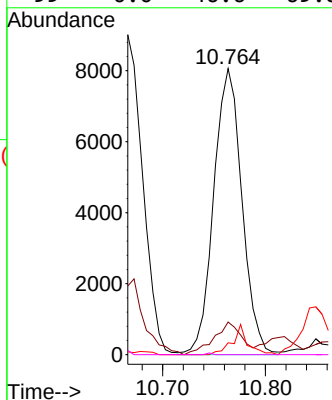
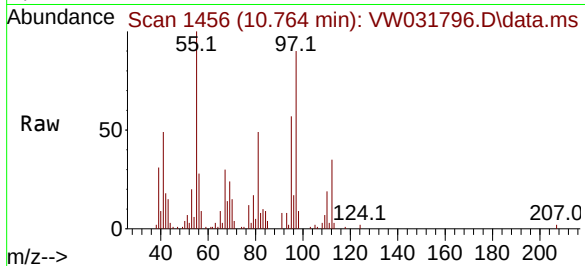




#55
1,1,2-Trichloroethane
Concen: 7.072 ug/l
RT: 10.764 min Scan# 1441
Delta R.T. -0.024 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

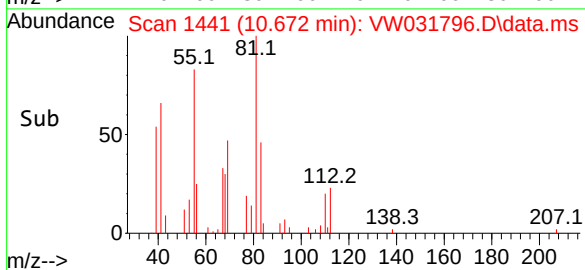
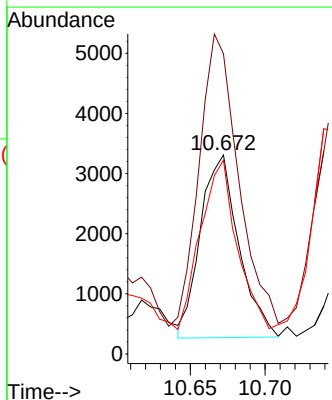
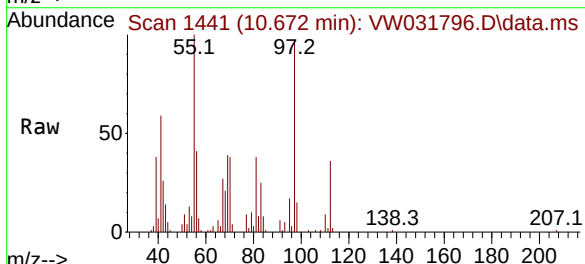
Instrument :
MSVOA_W
ClientSampleId :
GPX4

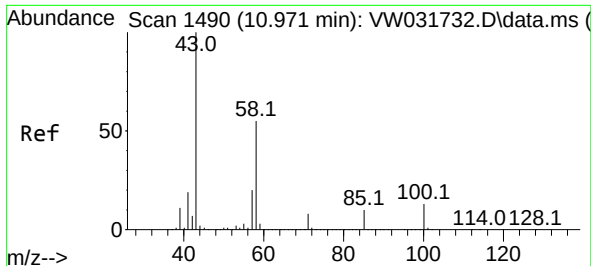
Tgt Ion:	97	Resp:	15394
Ion	Ratio	Lower	Upper
97	100		
83	10.4	66.9	100.3#
85	4.1	41.1	61.7#
99	0.0	46.6	69.8#



#56
Ethyl methacrylate
Concen: 1.834 ug/l
RT: 10.672 min Scan# 1441
Delta R.T. 0.025 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

Tgt Ion:	69	Resp:	5415
Ion	Ratio	Lower	Upper
69	100		
41	166.4	53.3	79.9#
39	93.0	30.2	45.2#

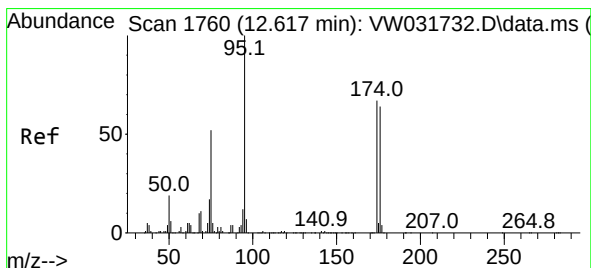
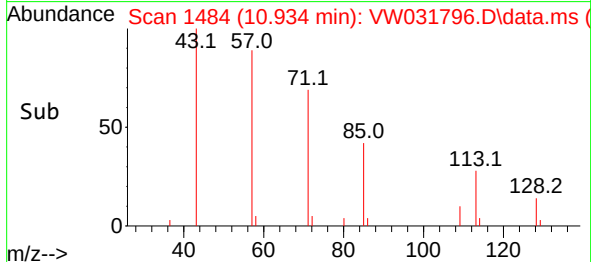
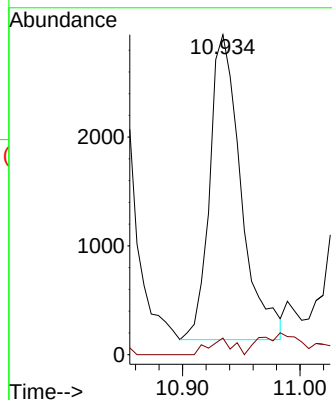
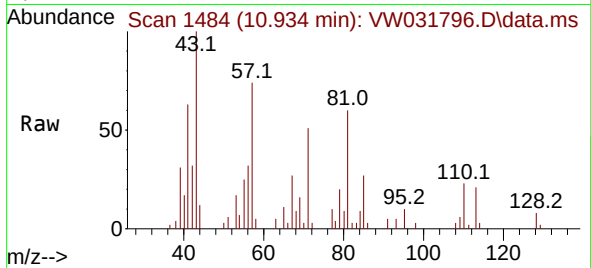




#59
2-Hexanone
Concen: 3.409 ug/l
RT: 10.934 min Scan# 1490
Delta R.T. -0.036 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

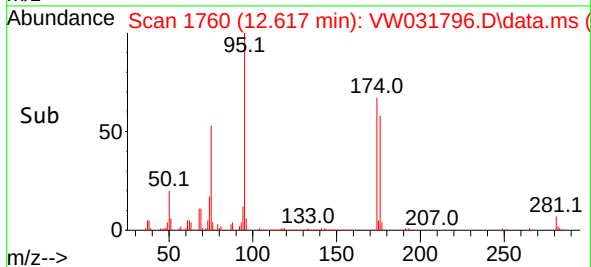
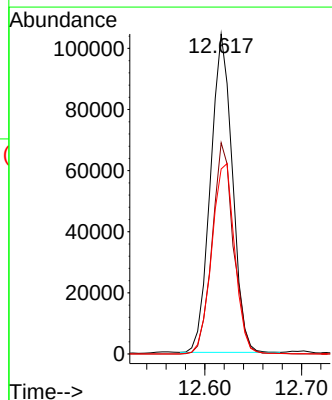
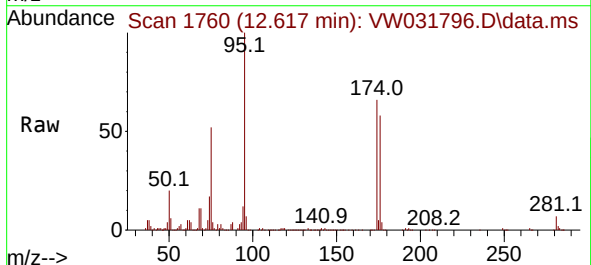
Instrument :
MSVOA_W
ClientSampleId :
GPX4

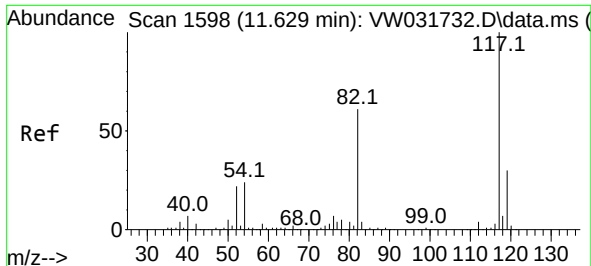
Tgt Ion: 43 Resp: 5199
Ion Ratio Lower Upper
43 100
58 4.0 27.9 83.6#



#62
4-Bromofluorobenzene
Concen: 48.048 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

Tgt Ion: 95 Resp: 163688
Ion Ratio Lower Upper
95 100
174 65.2 0.0 133.8
176 62.9 0.0 126.0

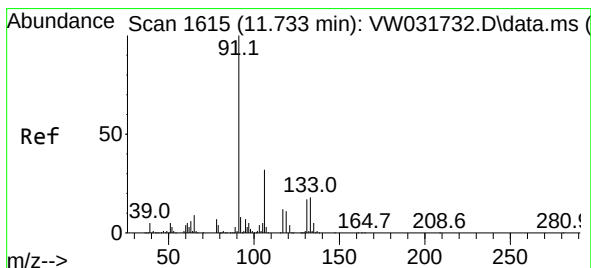
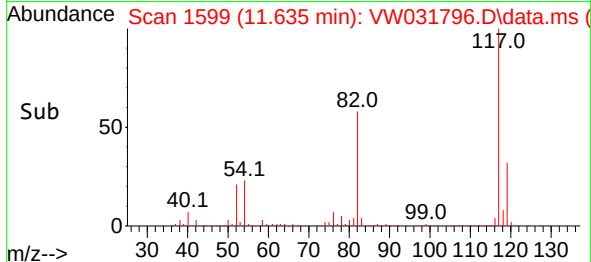
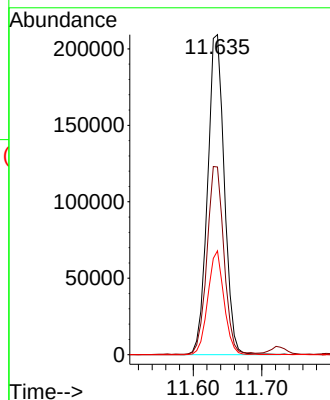
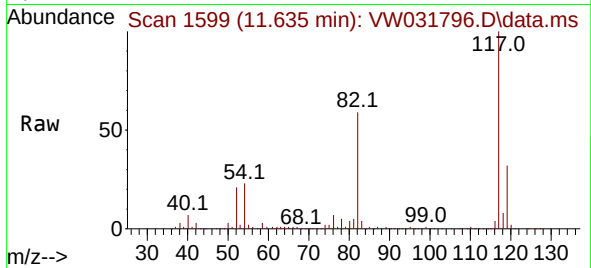




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

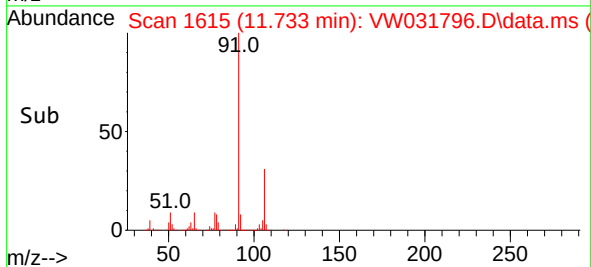
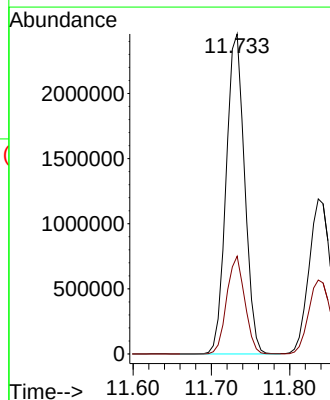
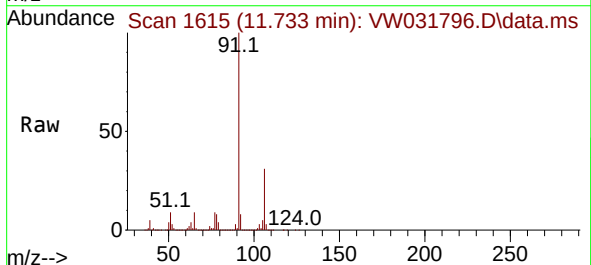
Instrument :
MSVOA_W
ClientSampleId :
GPX4

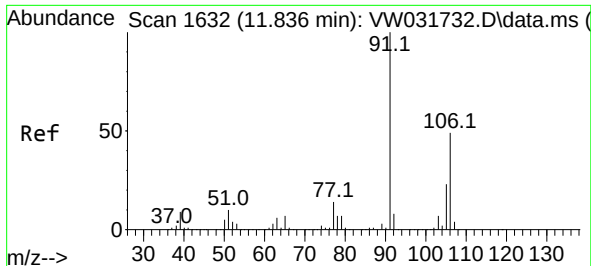
Tgt Ion:117 Resp: 355538
Ion Ratio Lower Upper
117 100
82 58.5 48.6 72.8
119 32.5 23.9 35.9



#67
Ethyl Benzene
Concen: 295.667 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

Tgt Ion: 91 Resp: 4021800
Ion Ratio Lower Upper
91 100
106 30.6 25.4 38.2

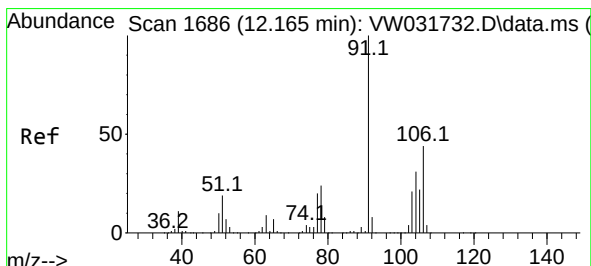
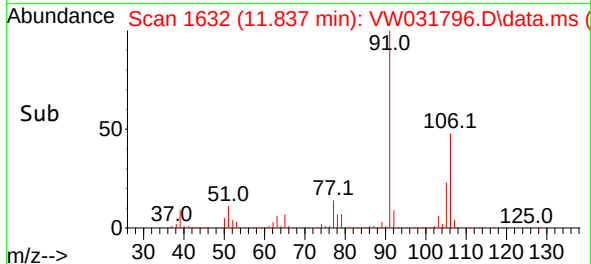
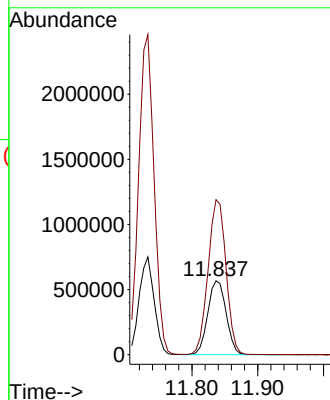
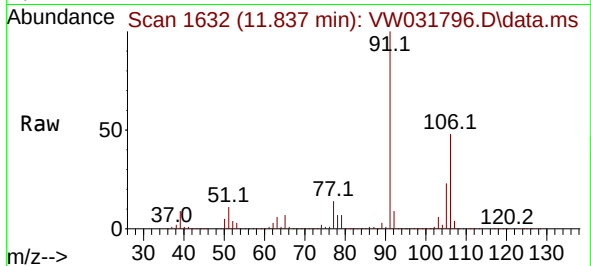




#68
m/p-Xylenes
Concen: 210.091 ug/l
RT: 11.837 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

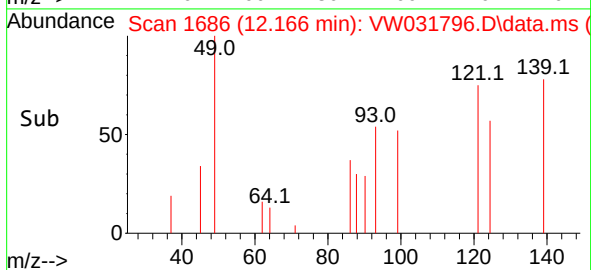
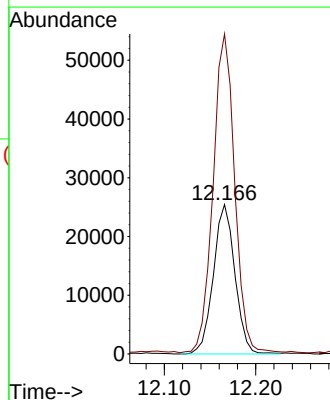
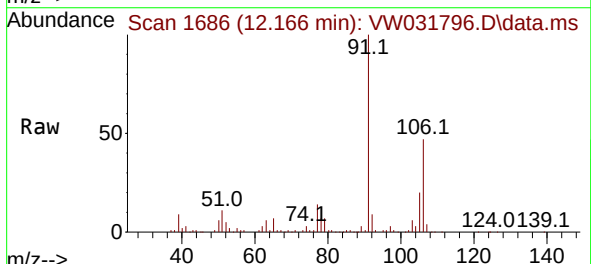
Instrument :
MSVOA_W
ClientSampleId :
GPX4

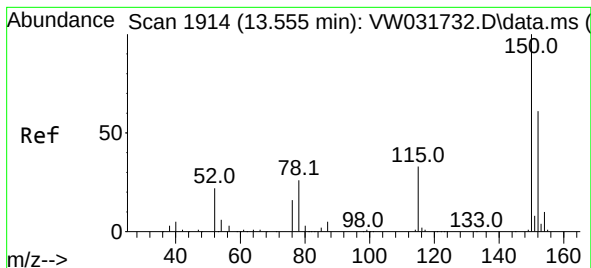
Tgt Ion:106 Resp: 1098568
Ion Ratio Lower Upper
106 100
91 205.7 166.4 249.6



#69
o-Xylene
Concen: 8.595 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

Tgt Ion:106 Resp: 41611
Ion Ratio Lower Upper
106 100
91 214.0 111.5 334.4

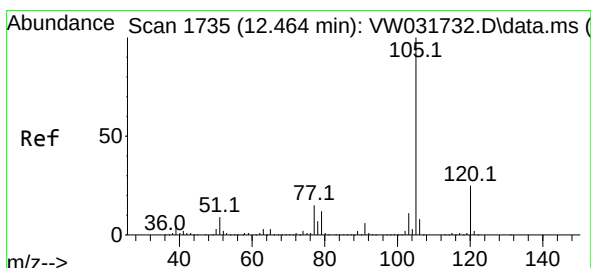
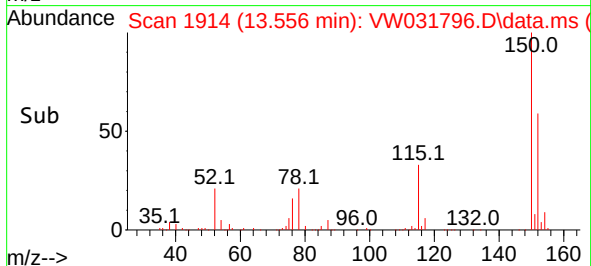
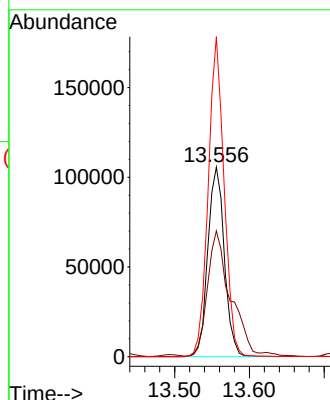
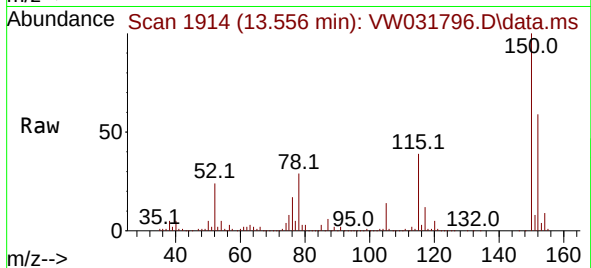




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

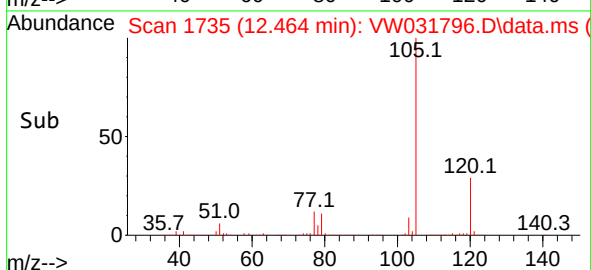
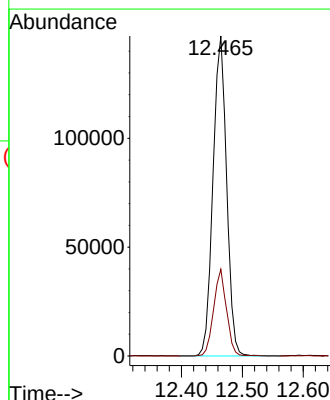
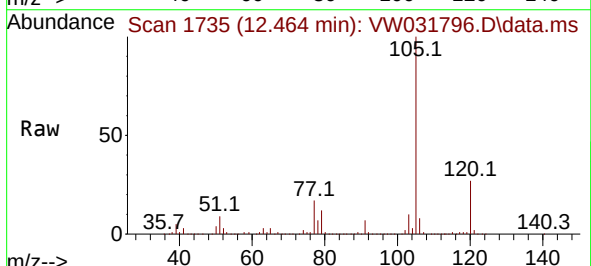
Instrument :
MSVOA_W
ClientSampleId :
GPX4

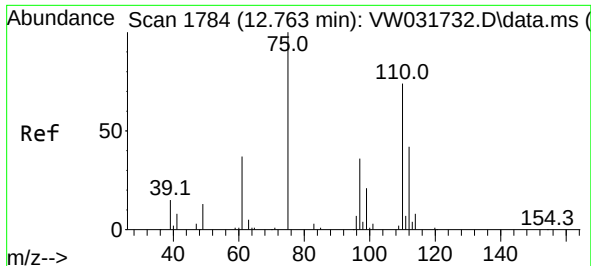
Tgt Ion:152 Resp: 162355
Ion Ratio Lower Upper
152 100
115 93.6 31.9 95.7
150 162.1 0.0 356.4



#73
Isopropylbenzene
Concen: 18.494 ug/l
RT: 12.464 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

Tgt Ion:105 Resp: 228390
Ion Ratio Lower Upper
105 100
120 25.5 12.8 38.4

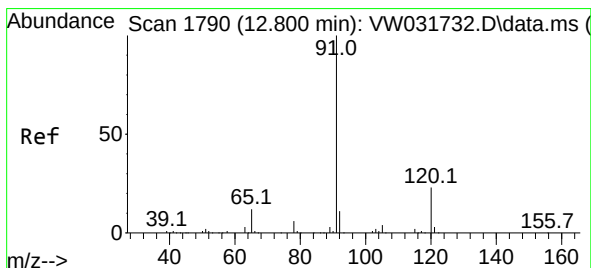
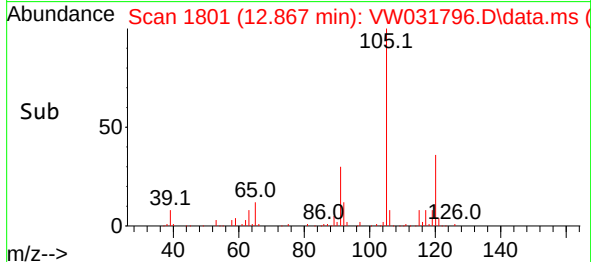
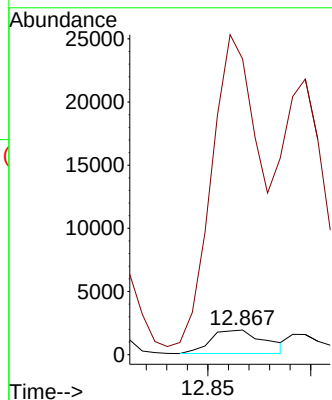
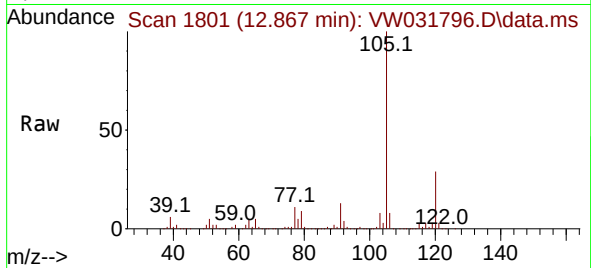




#76
1,2,3-Trichloropropane
Concen: 1.613 ug/l
RT: 12.867 min Scan# 1784
Delta R.T. 0.104 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

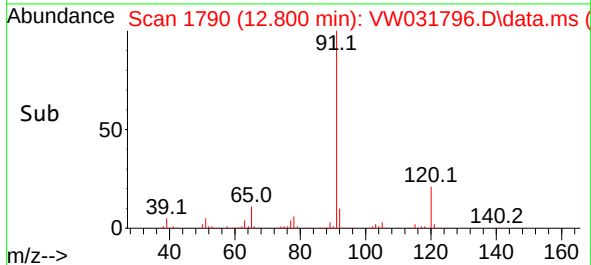
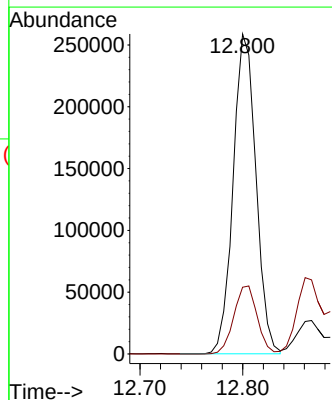
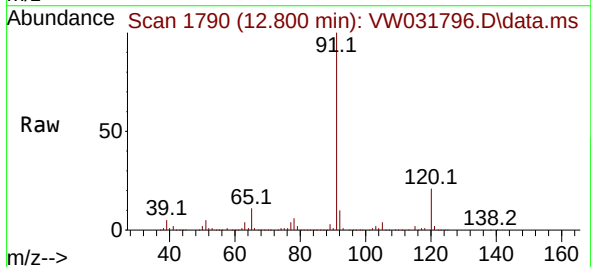
Instrument :
MSVOA_W
ClientSampleId :
GPX4

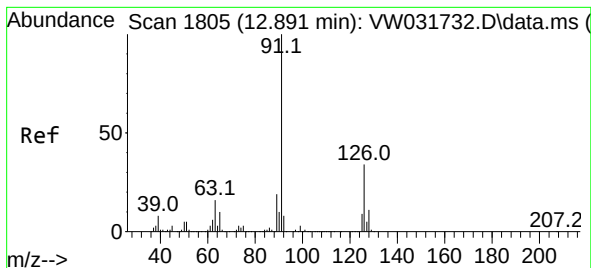
Tgt Ion: 75 Resp: 3385
Ion Ratio Lower Upper
75 100
77 1190.5 141.2 423.6#



#78
n-propylbenzene
Concen: 26.975 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

Tgt Ion: 91 Resp: 398920
Ion Ratio Lower Upper
91 100
120 21.8 11.5 34.4

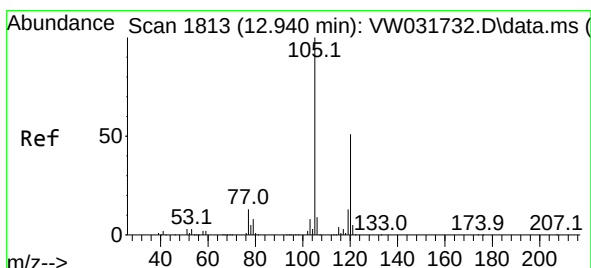
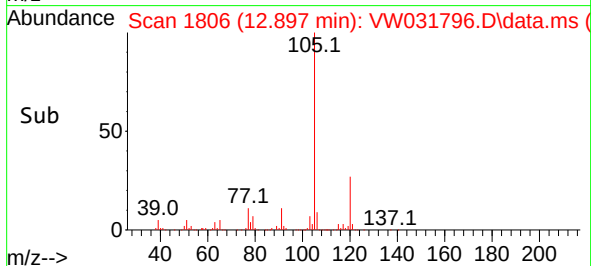
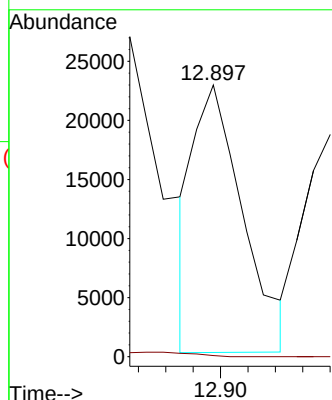
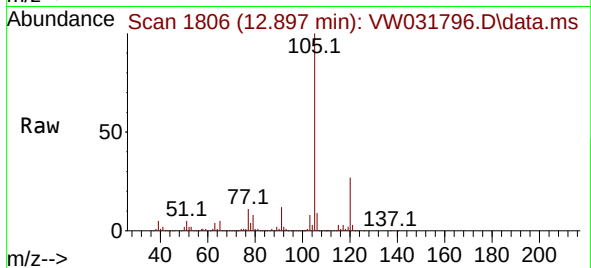




#79
2-Chlorotoluene
Concen: 3.196 ug/l
RT: 12.897 min Scan# 1806
Delta R.T. 0.006 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

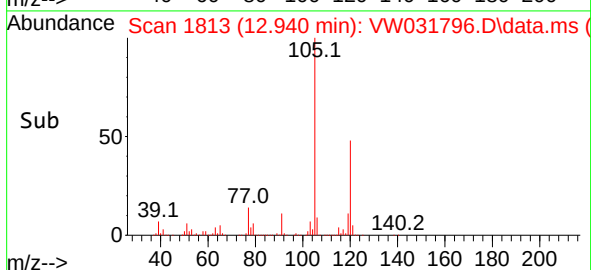
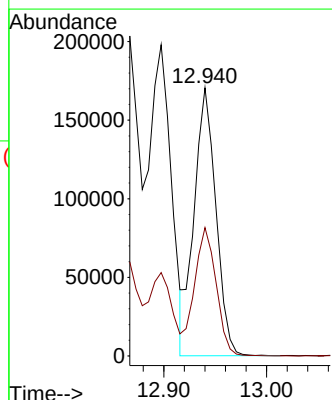
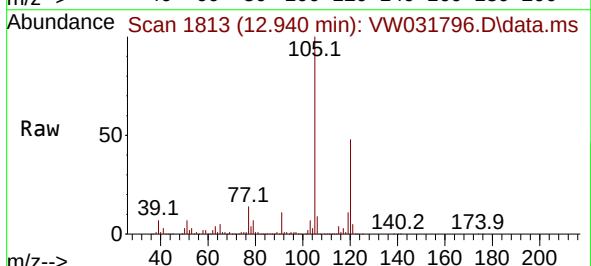
Instrument :
MSVOA_W
ClientSampleId :
GPX4

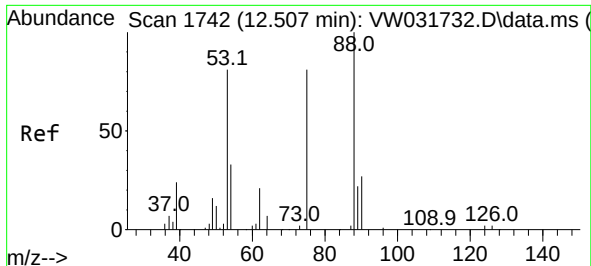
Tgt Ion: 91 Resp: 28457
Ion Ratio Lower Upper
91 100
126 0.0 15.8 47.4#



#80
1,3,5-Trimethylbenzene
Concen: 24.608 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

Tgt Ion: 105 Resp: 251549
Ion Ratio Lower Upper
105 100
120 48.0 23.8 71.2

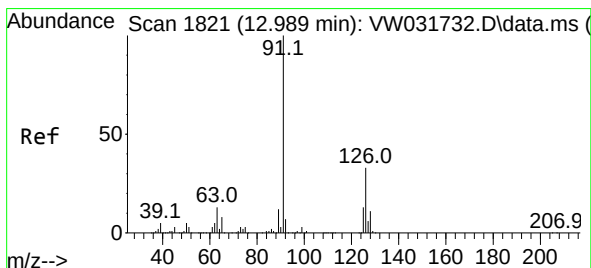
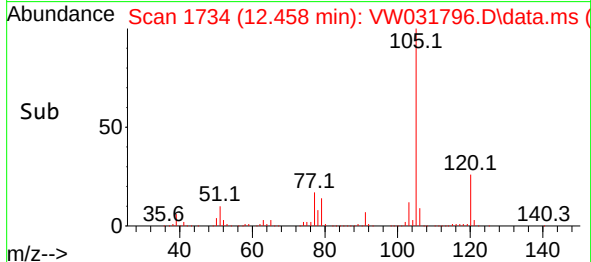
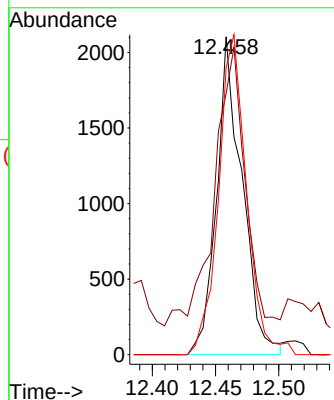
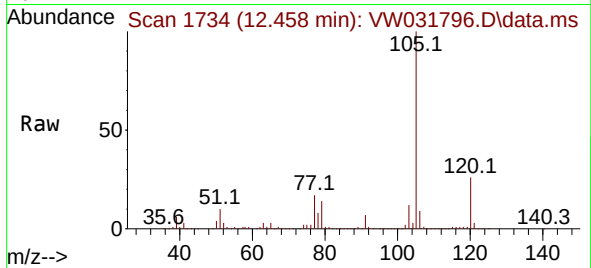




#81
trans-1,4-Dichloro-2-butene
Concen: 3.276 ug/l
RT: 12.458 min Scan# 11
Delta R.T. -0.049 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

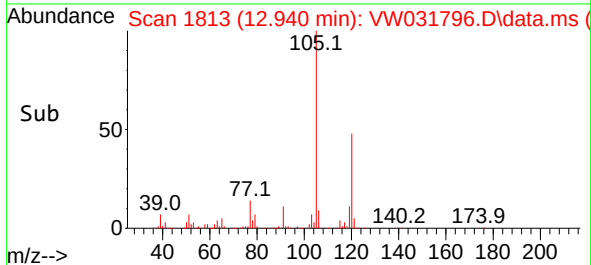
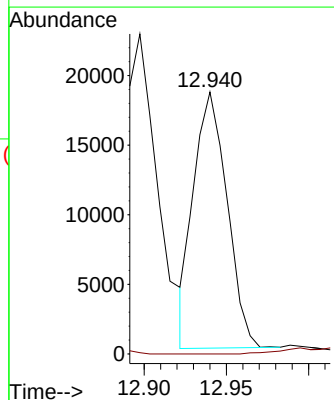
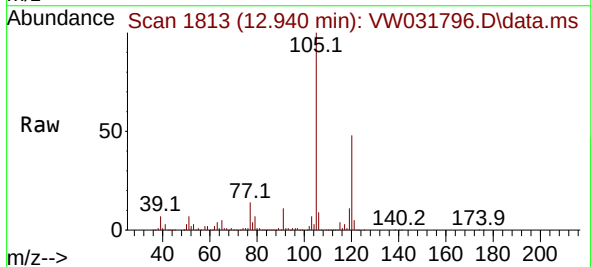
Instrument :
MSVOA_W
ClientSampleId :
GPX4

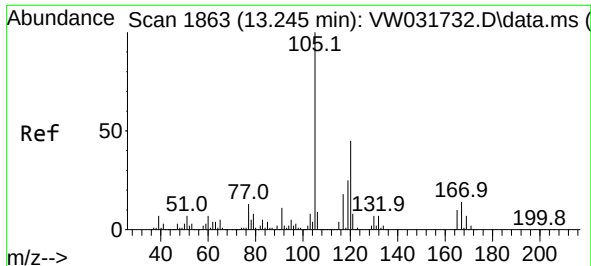
Tgt Ion: 75 Resp: 2951
Ion Ratio Lower Upper
75 100
53 110.5 83.5 125.3
89 110.5 38.3 57.5#



#82
4-Chlorotoluene
Concen: 2.777 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.049 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

Tgt Ion: 91 Resp: 25964
Ion Ratio Lower Upper
91 100
126 0.0 16.0 47.9#

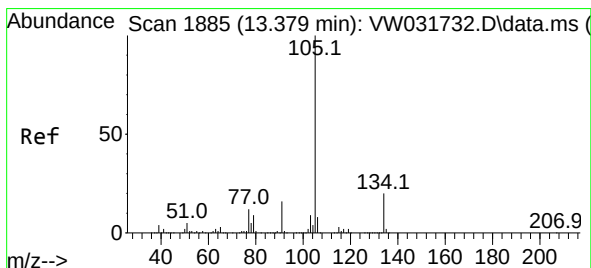
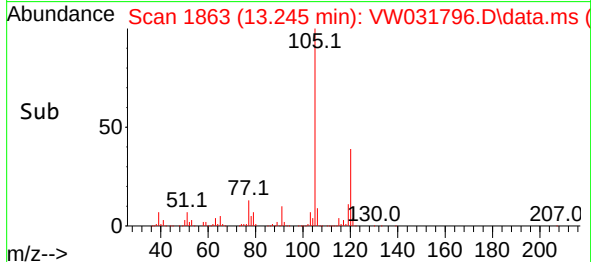
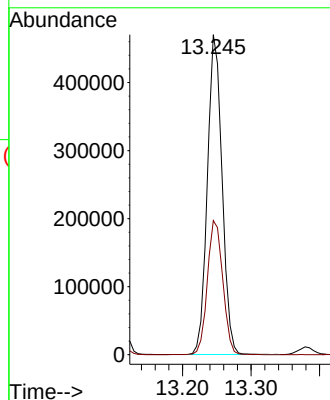
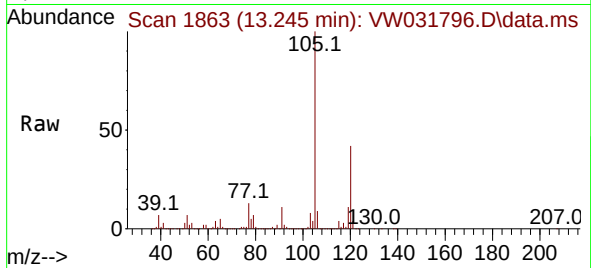




#84
1,2,4-Trimethylbenzene
Concen: 67.710 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

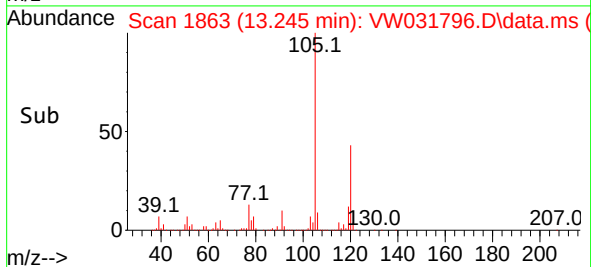
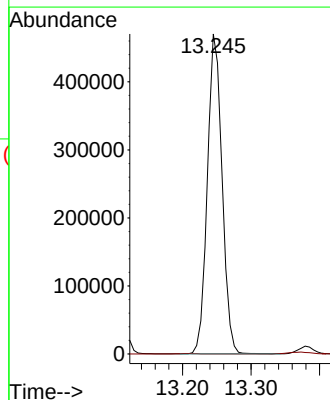
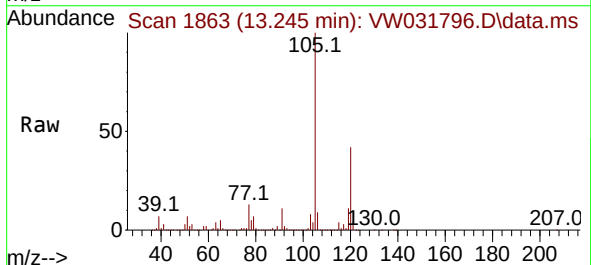
Instrument :
MSVOA_W
ClientSampleId :
GPX4

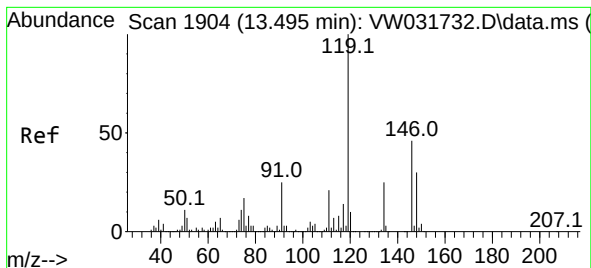
Tgt Ion:105 Resp: 701299
Ion Ratio Lower Upper
105 100
120 44.0 22.1 66.1



#85
sec-Butylbenzene
Concen: 53.359 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. -0.134 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

Tgt Ion:105 Resp: 701299
Ion Ratio Lower Upper
105 100
134 0.0 9.6 28.8#

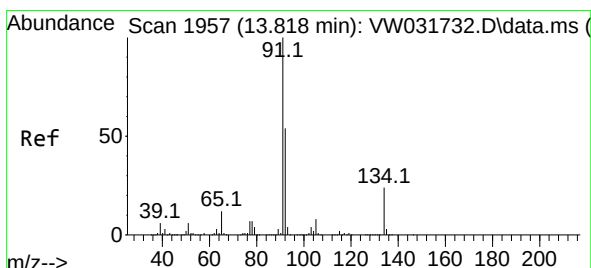
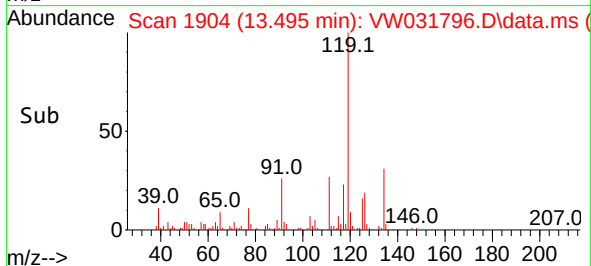
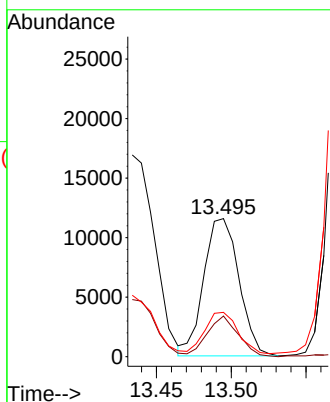
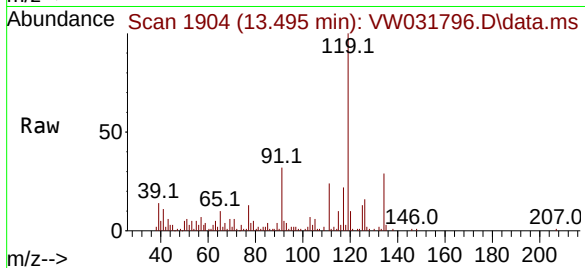




#86
p-Isopropyltoluene
Concen: 1.741 ug/l
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

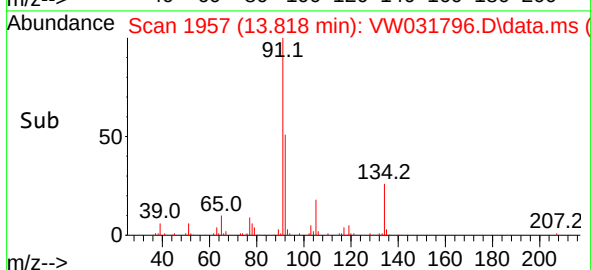
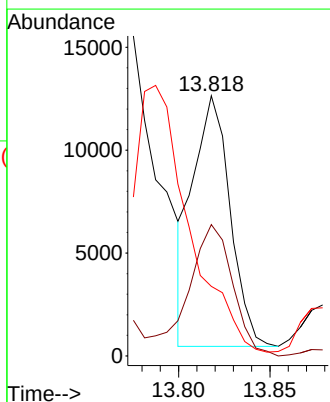
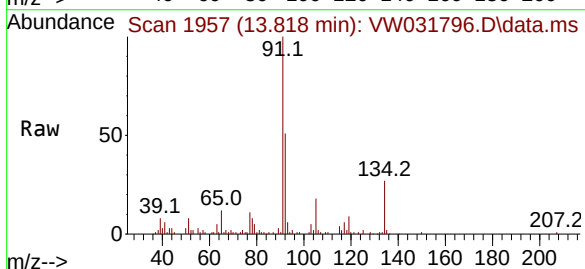
Instrument :
MSVOA_W
ClientSampleId :
GPX4

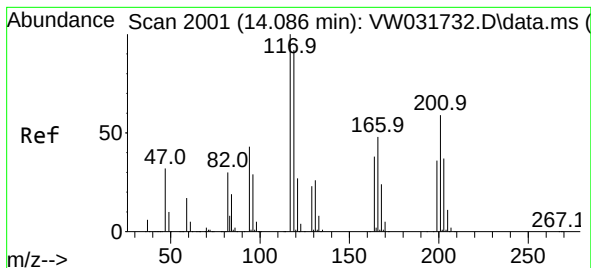
Tgt Ion:119 Resp: 18858
Ion Ratio Lower Upper
119 100
134 26.1 12.9 38.7
91 27.9 12.7 38.0



#89
n-Butylbenzene
Concen: 1.637 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

Tgt Ion: 91 Resp: 17224
Ion Ratio Lower Upper
91 100
92 60.9 27.2 81.5
134 0.0 12.2 36.6#





#90

Hexachloroethane

Concen: 6.938 ug/l

RT: 14.092 min Scan# 2001

Delta R.T. 0.006 min

Lab File: VW031796.D

Acq: 10 Jul 2025 12:41

Instrument :

MSVOA_W

ClientSampleId :

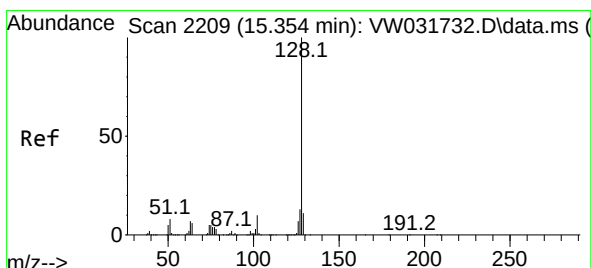
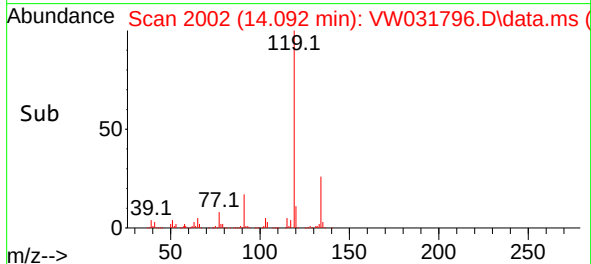
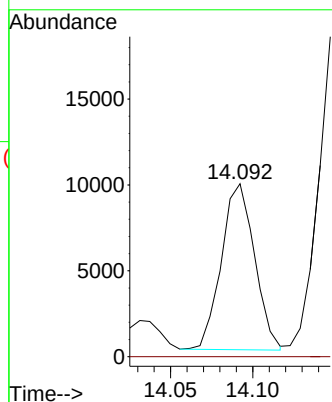
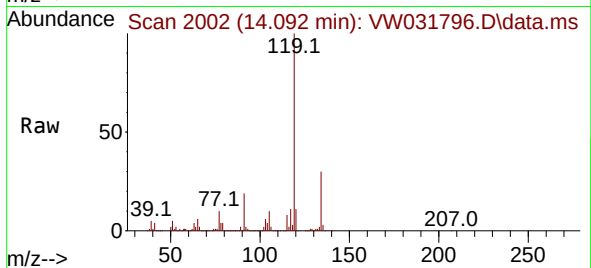
GPX4

Tgt Ion:117 Resp: 13558

Ion Ratio Lower Upper

117 100

201 0.0 31.1 93.3#



#95

Naphthalene

Concen: 78.710 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW031796.D

Acq: 10 Jul 2025 12:41

Tgt Ion:128 Resp: 600830

Ion Ratio Lower Upper

128 100

127 13.4 10.8 16.2

129 10.9 8.7 13.1

