

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
 Data File : VW031843.D
 Acq On : 14 Jul 2025 12:22
 Operator : SY/MD
 Sample : Q2503-04
 Misc : 6.93g/5mL/MSVOA_W/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GCAP3

Quant Time: Jul 15 02:43:12 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	220413	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	402670	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	355600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	131166	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	128279	40.554	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	81.100%
35) Dibromofluoromethane	7.904	113	118179	44.976	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	89.960%
50) Toluene-d8	10.331	98	479586	49.046	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	98.100%
62) 4-Bromofluorobenzene	12.617	95	149318	41.495	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	83.000%

Target Compounds				Qvalue		
11) Tert butyl alcohol	5.216	59	276	1.408	ug/l #	69
13) Acrolein	3.911	56	435	1.235	ug/l #	1
15) Acrylonitrile	5.466	53	46795	57.971	ug/l #	40
16) Acetone	4.173	43	107033	136.899	ug/l	90
17) Carbon Disulfide	4.429	76	18414	2.620	ug/l #	94
20) Methylene Chloride	4.960	84	11371	Below Cal	#	1
25) 2-Butanone	7.203	43	50078	49.234	ug/l #	85
26) 2,2-Dichloropropane	7.014	77	16779	5.644	ug/l #	52
29) Tetrahydrofuran	7.551	42	876	1.258	ug/l #	40
30) Chloroform	7.648	83	28393	5.244	ug/l #	19
31) Cyclohexane	7.978	56	1470482	326.490	ug/l	97
36) 1,1-Dichloropropene	7.959	75	21092	5.547	ug/l #	27
37) Ethyl Acetate	7.203	43	50078	20.878	ug/l #	68
38) Carbon Tetrachloride	7.965	117	24817	6.405	ug/l #	16
39) Methylcyclohexane	9.343	83	4389485	927.882	ug/l	98
41) Methacrylonitrile	7.539	41	4766	3.709	ug/l #	45
42) 1,2-Dichloroethane	8.447	62	6335	1.667	ug/l #	1
43) Isopropyl Acetate	8.441	43	198953	48.119	ug/l #	54
45) 1,2-Dichloropropane	9.343	63	45134	16.601	ug/l #	1
48) Methyl methacrylate	9.526	41	306935	150.977	ug/l #	52
49) 1,4-Dioxane	9.307	88	22	1.070	ug/l #	13
51) 4-Methyl-2-Pentanone	10.245	43	6564	2.761	ug/l #	61
52) Toluene	10.392	92	62448	8.670	ug/l	99
55) 1,1,2-Trichloroethane	10.764	97	195059	84.835	ug/l #	21
56) Ethyl methacrylate	10.666	69	81925	26.263	ug/l #	22
67) Ethyl Benzene	11.733	91	79115	5.815	ug/l	95
68) m/p-Xylenes	11.837	106	235330	44.997	ug/l	98
69) o-Xylene	12.166	106	48990	10.117	ug/l	98
73) Isopropylbenzene	12.465	105	300201	30.089	ug/l	100
76) 1,2,3-Trichloropropane	12.806	75	3651	2.154	ug/l #	1
77) Bromobenzene	12.824	156	23351	10.494	ug/l #	1
78) n-propylbenzene	12.800	91	465595	38.970	ug/l	96
79) 2-Chlorotoluene	12.897	91	37144	5.163	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.940	105	541343	65.549	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.458	75	3933	5.404	ug/l #	56
82) 4-Chlorotoluene	12.940	91	58217	7.707	ug/l #	43

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Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

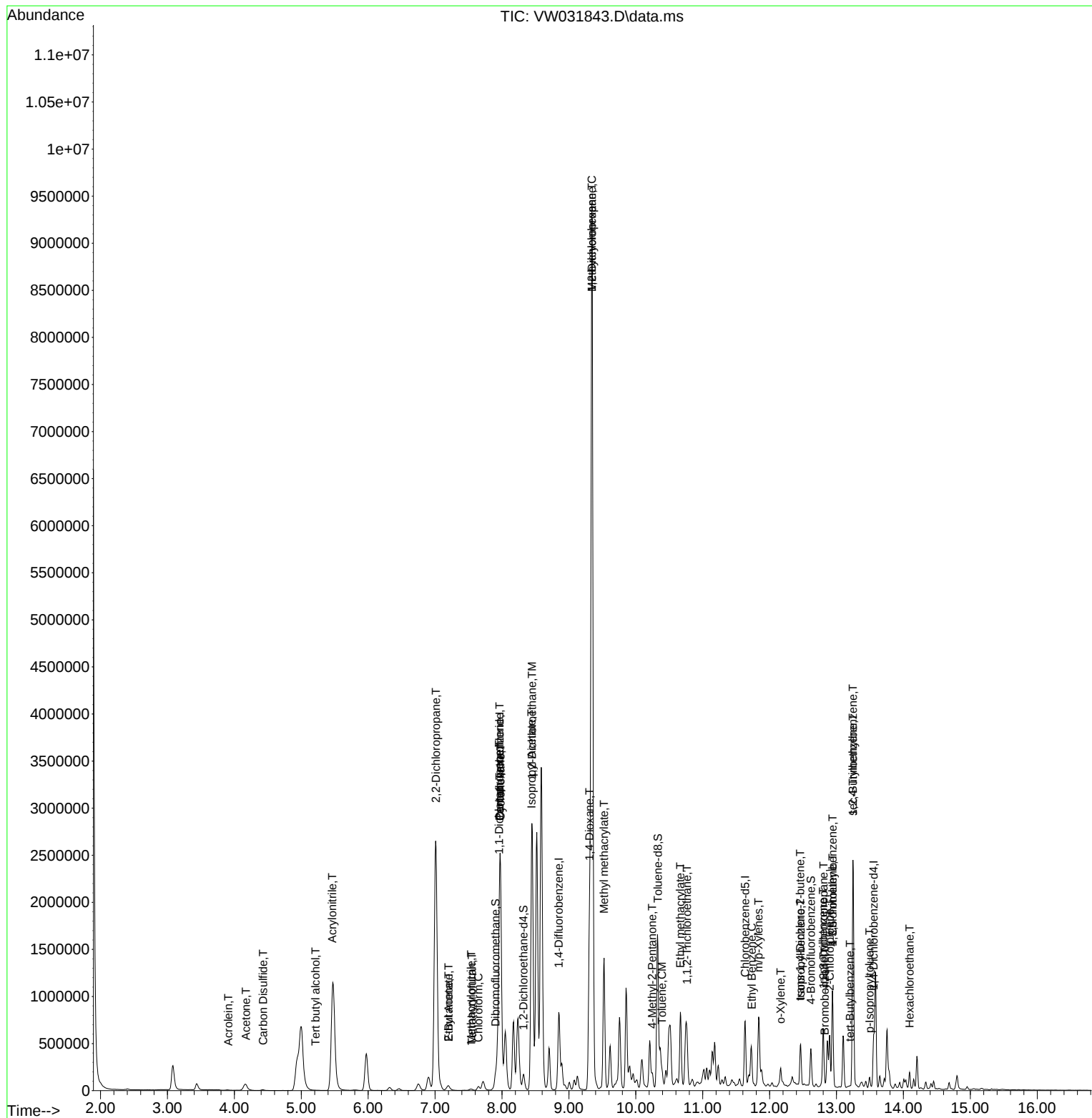
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	13.202	119	9523	1.346	ug/l	94
84) 1,2,4-Trimethylbenzene	13.245	105	1352547	161.638	ug/l	99
85) sec-Butylbenzene	13.245	105	1352547	127.379	ug/l #	58
86) p-Isopropyltoluene	13.495	119	60965	6.967	ug/l	100
90) Hexachloroethane	14.092	117	7824	4.956	ug/l #	19

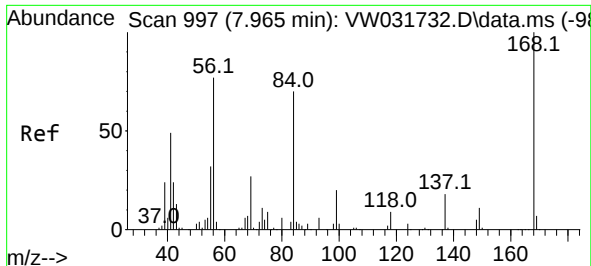
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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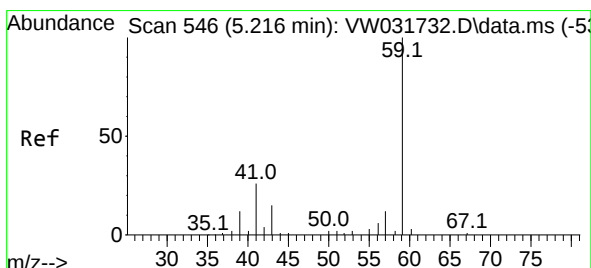
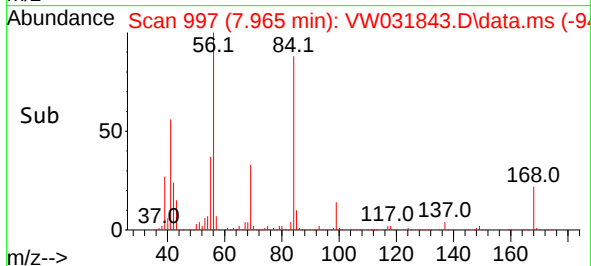
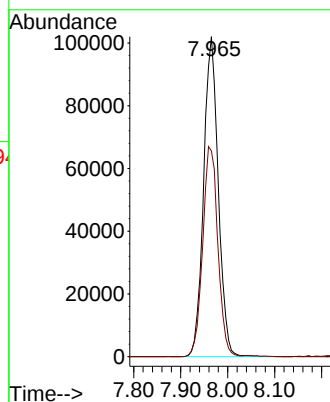
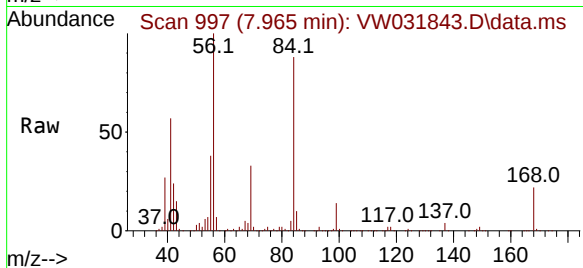




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW031843.D
Acq: 14 Jul 2025 12:22

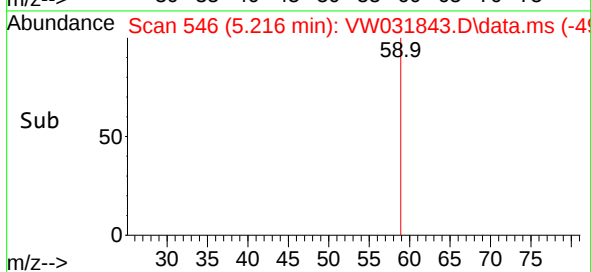
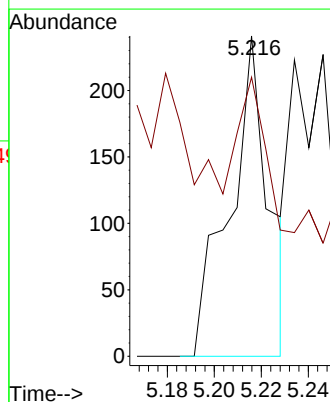
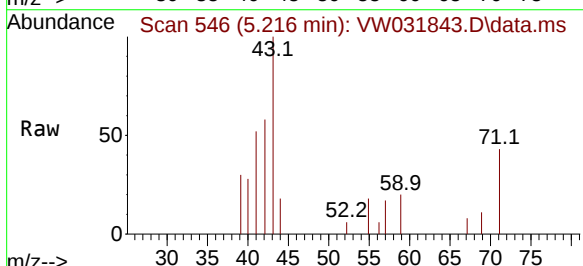
Instrument :
MSVOA_W
ClientSampleId :
GCAP3

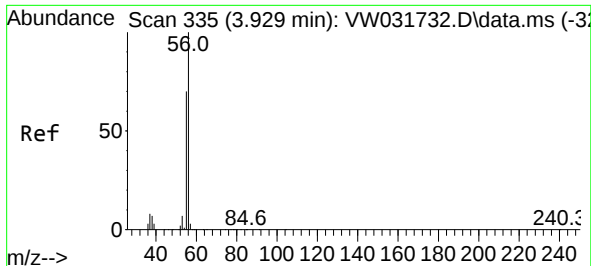
Tgt Ion:168 Resp: 220413
Ion Ratio Lower Upper
168 100
99 64.3 49.4 74.2



#11
Tert butyl alcohol
Concen: 1.408 ug/l
RT: 5.216 min Scan# 546
Delta R.T. 0.000 min
Lab File: VW031843.D
Acq: 14 Jul 2025 12:22

Tgt Ion: 59 Resp: 276
Ion Ratio Lower Upper
59 100
57 0.0 9.5 14.3#

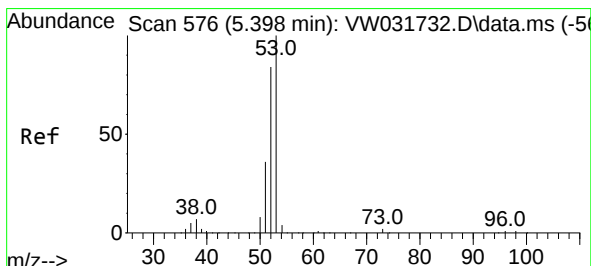
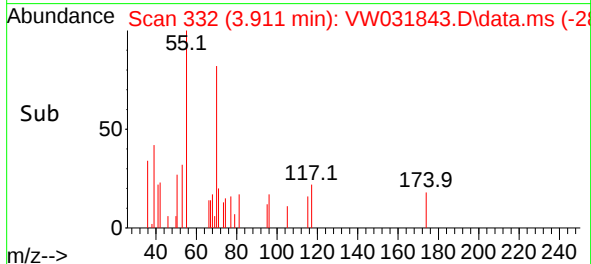
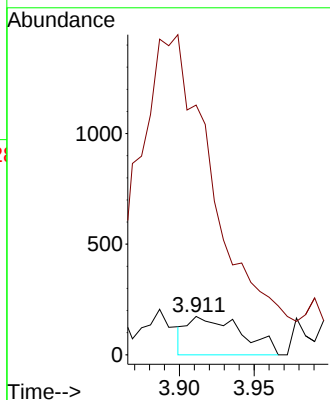
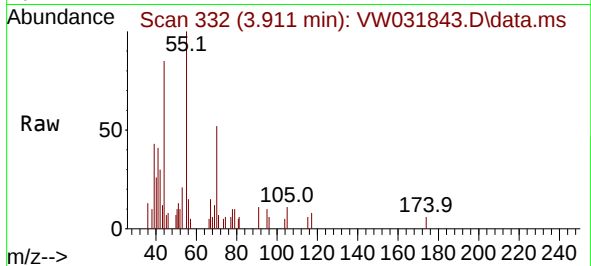




#13
Acrolein
Concen: 1.235 ug/l
RT: 3.911 min Scan# 31
Delta R.T. -0.018 min
Lab File: VW031843.D
Acq: 14 Jul 2025 12:22

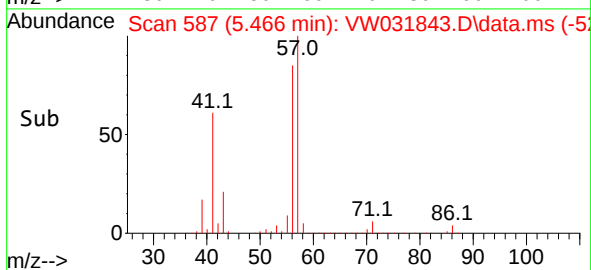
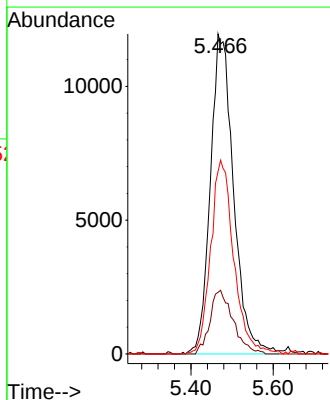
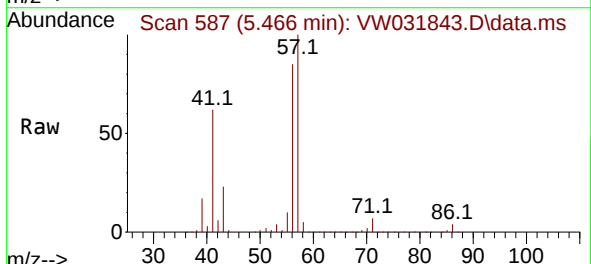
Instrument :
MSVOA_W
ClientSampleId :
GCAP3

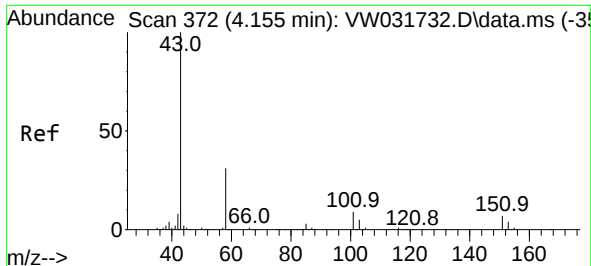
Tgt Ion: 56 Resp: 435
Ion Ratio Lower Upper
56 100
55 982.1 54.0 81.0#



#15
Acrylonitrile
Concen: 57.971 ug/l
RT: 5.466 min Scan# 587
Delta R.T. 0.067 min
Lab File: VW031843.D
Acq: 14 Jul 2025 12:22

Tgt Ion: 53 Resp: 46795
Ion Ratio Lower Upper
53 100
52 19.9 66.4 99.6#
51 60.4 29.9 44.9#

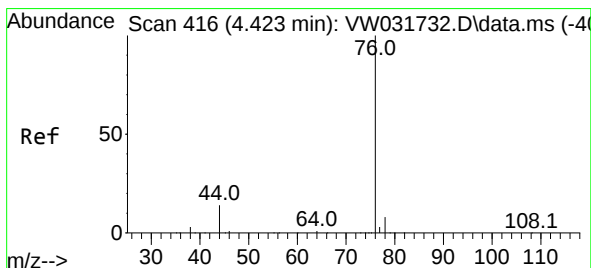
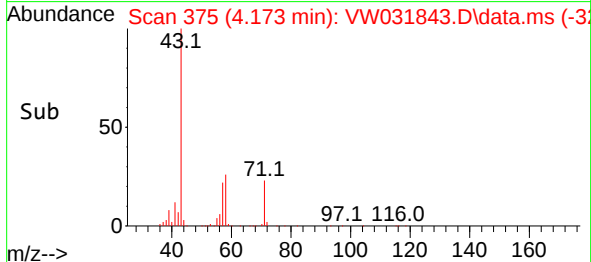
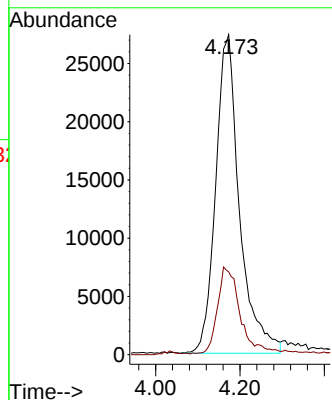
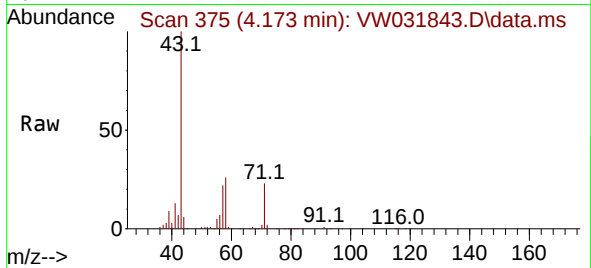




#16
Acetone
Concen: 136.899 ug/l
RT: 4.173 min Scan# 31
Delta R.T. 0.019 min
Lab File: VW031843.D
Acq: 14 Jul 2025 12:22

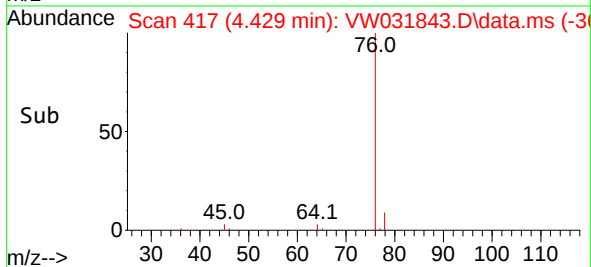
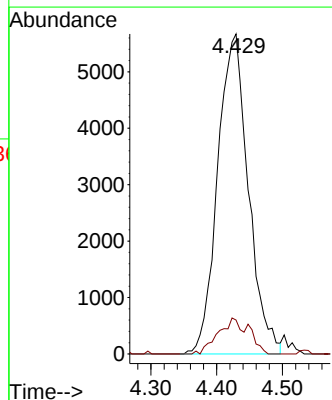
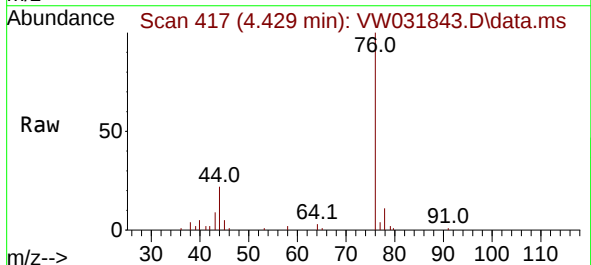
Instrument :
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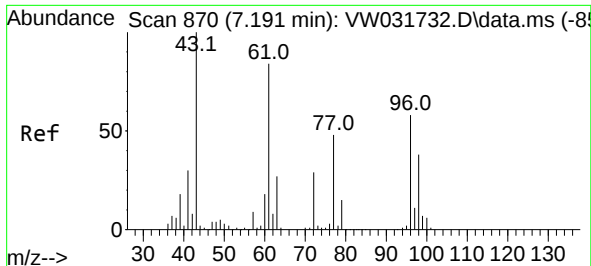
Tgt Ion: 43 Resp: 107033
Ion Ratio Lower Upper
43 100
58 25.7 24.8 37.2



#17
Carbon Disulfide
Concen: 2.620 ug/l
RT: 4.429 min Scan# 417
Delta R.T. 0.006 min
Lab File: VW031843.D
Acq: 14 Jul 2025 12:22

Tgt Ion: 76 Resp: 18414
Ion Ratio Lower Upper
76 100
78 10.6 6.6 10.0#

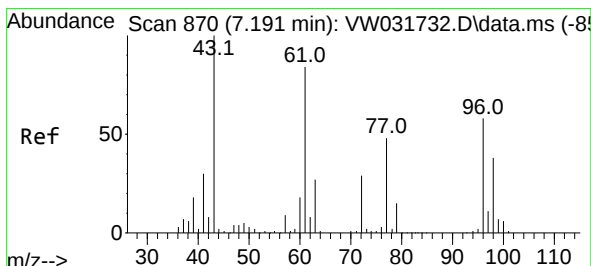
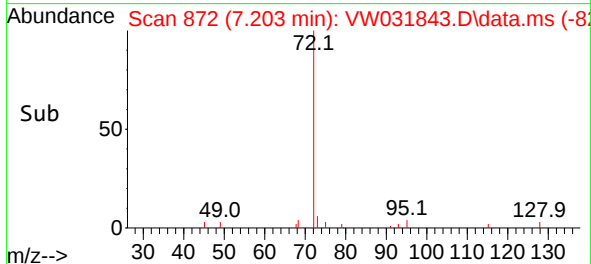
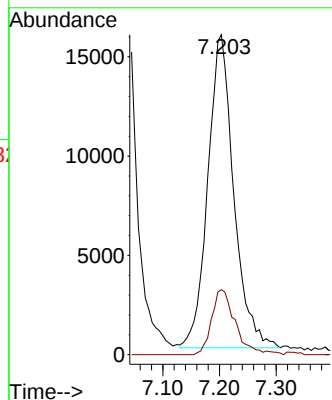
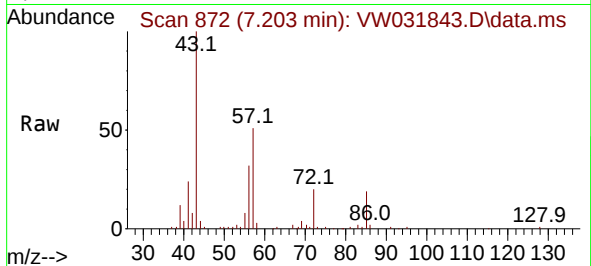




#25
2-Butanone
Concen: 49.234 ug/l
RT: 7.203 min Scan# 81
Delta R.T. 0.013 min
Lab File: VW031843.D
Acq: 14 Jul 2025 12:22

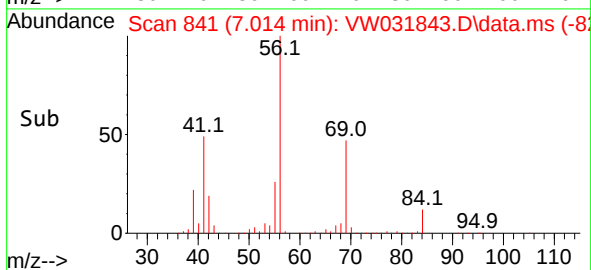
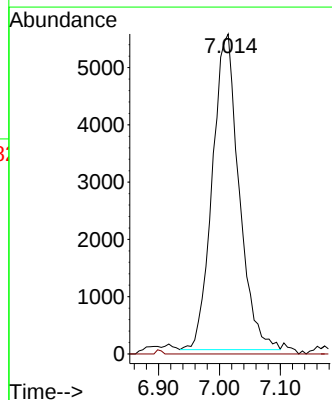
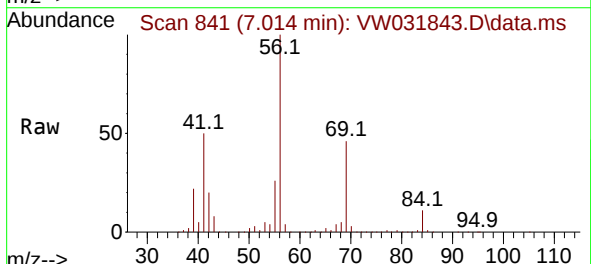
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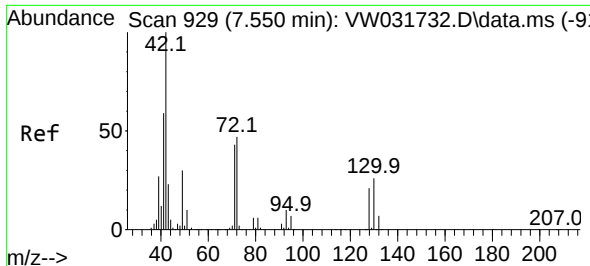
Tgt Ion: 43 Resp: 50078
Ion Ratio Lower Upper
43 100
72 20.7 23.0 34.6#



#26
2,2-Dichloropropane
Concen: 5.644 ug/l
RT: 7.014 min Scan# 841
Delta R.T. -0.176 min
Lab File: VW031843.D
Acq: 14 Jul 2025 12:22

Tgt Ion: 77 Resp: 16779
Ion Ratio Lower Upper
77 100
97 0.0 11.6 34.7#

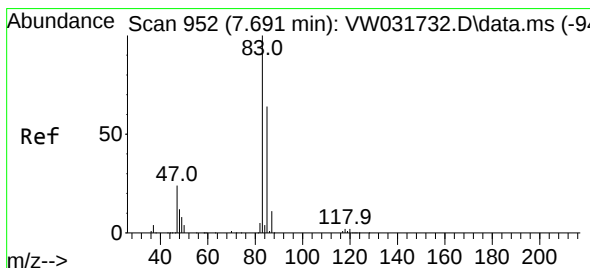
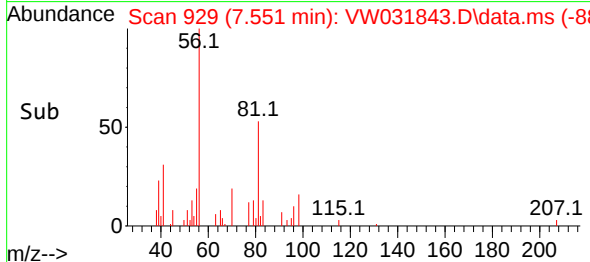
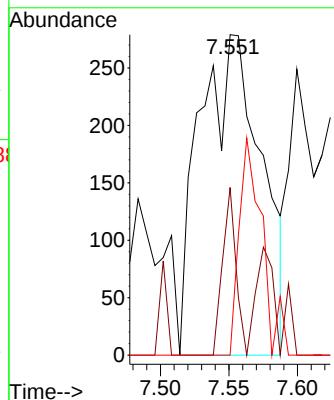
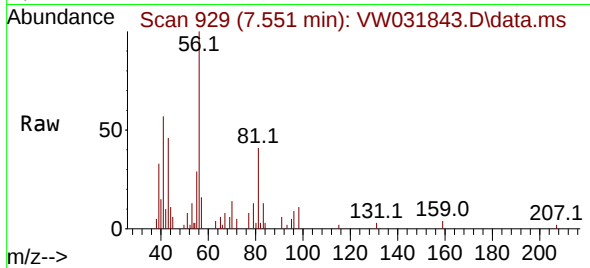




#29
Tetrahydrofuran
Concen: 1.258 ug/l
RT: 7.551 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW031843.D
Acq: 14 Jul 2025 12:22

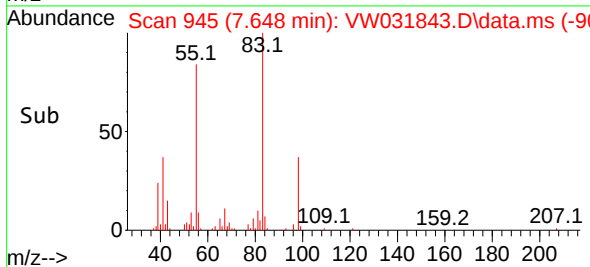
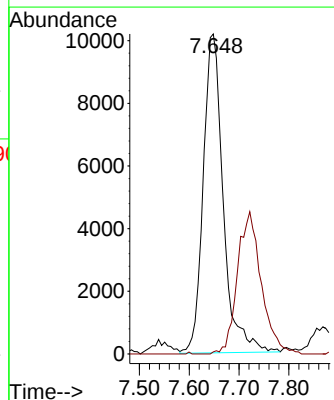
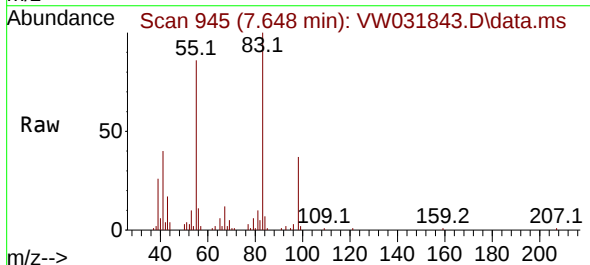
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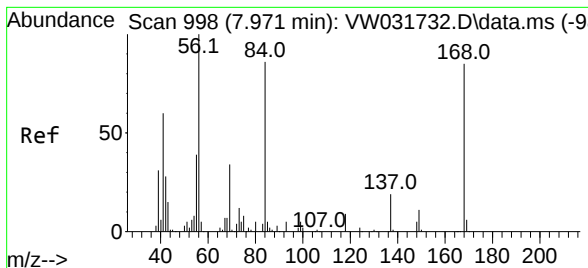
Tgt Ion: 42 Resp: 876
Ion Ratio Lower Upper
42 100
72 11.3 36.8 55.2#
71 0.0 34.6 52.0#



#30
Chloroform
Concen: 5.244 ug/l
RT: 7.648 min Scan# 945
Delta R.T. -0.042 min
Lab File: VW031843.D
Acq: 14 Jul 2025 12:22

Tgt Ion: 83 Resp: 28393
Ion Ratio Lower Upper
83 100
85 0.7 51.4 77.0#



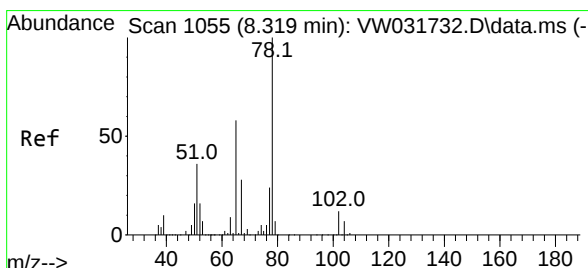
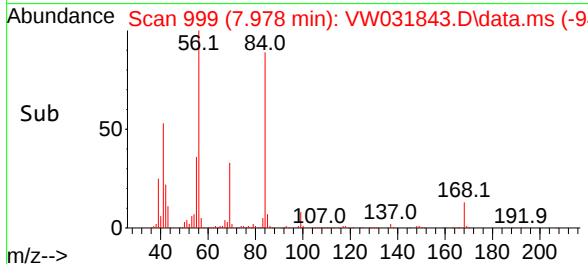
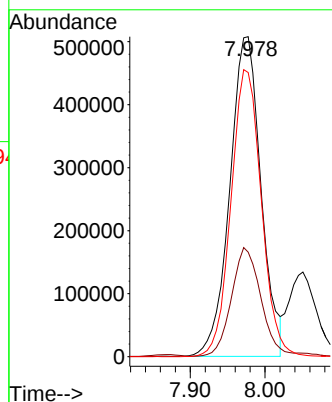
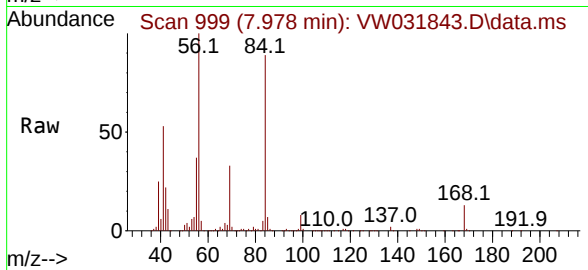


#31
Cyclohexane
Concen: 326.490 ug/l
RT: 7.978 min Scan# 998
Delta R.T. 0.006 min
Lab File: VW031843.D
Acq: 14 Jul 2025 12:22

Instrument :
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GCAP3

Tgt Ion: 56 Resp: 1470482

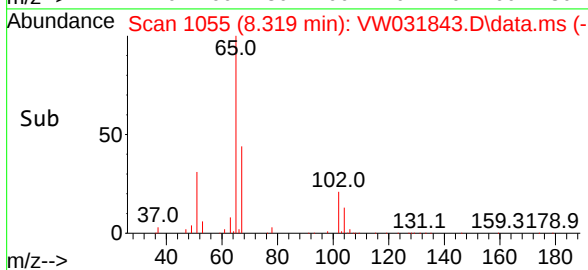
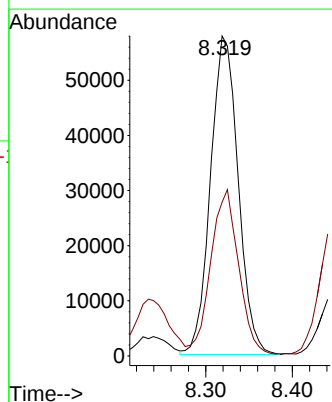
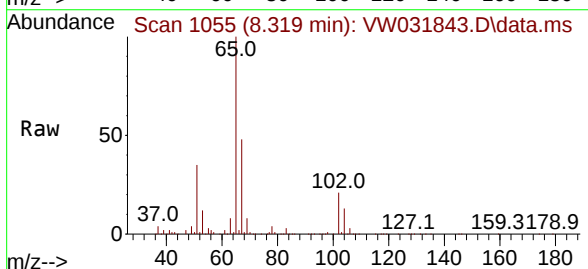
Ion	Ratio	Lower	Upper
56	100		
69	32.3	27.2	40.8
84	88.9	68.5	102.7

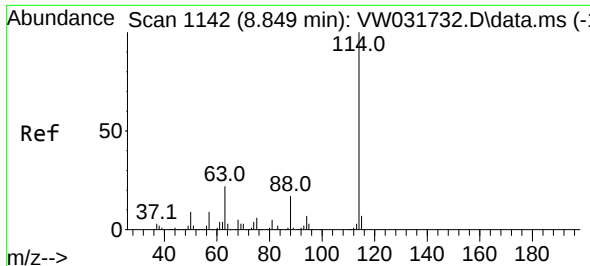


#33
1,2-Dichloroethane-d4
Concen: 40.554 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031843.D
Acq: 14 Jul 2025 12:22

Tgt Ion: 65 Resp: 128279

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	99.4

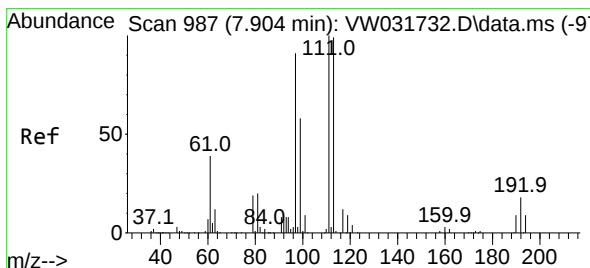
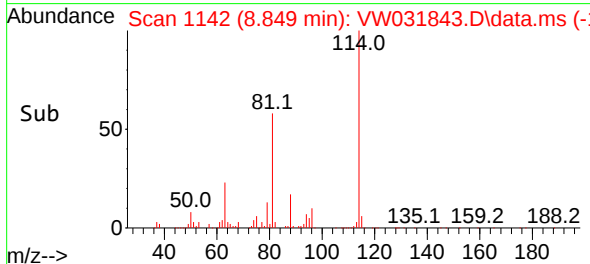
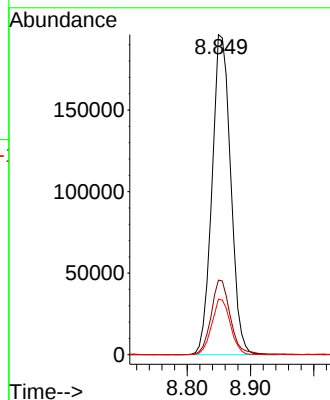
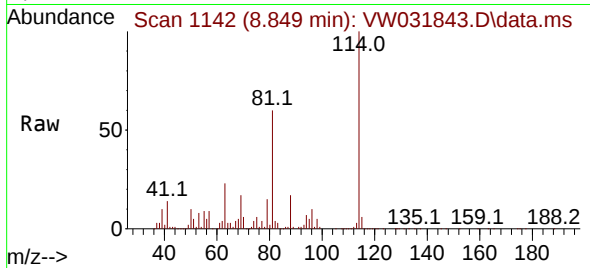




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW031843.D
 Acq: 14 Jul 2025 12:22

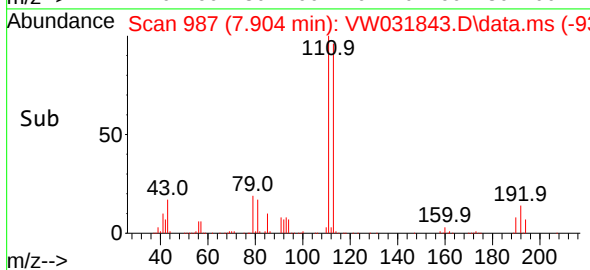
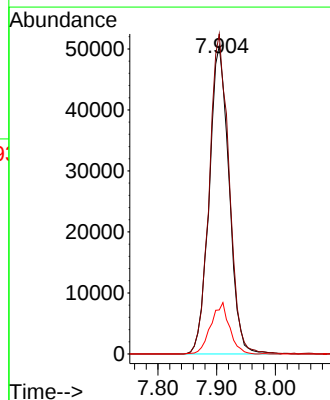
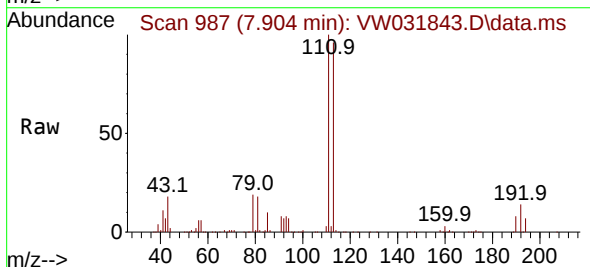
Instrument :
 MSVOA_W
 ClientSampleId :
 GCAP3

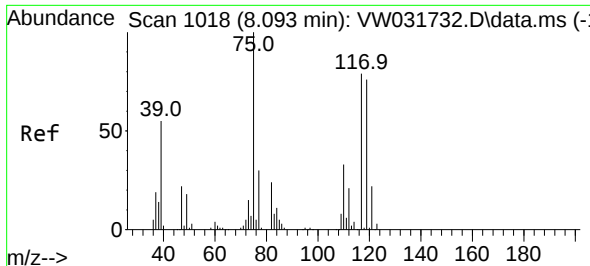
Tgt Ion:114 Resp: 402670
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 43.6
 88 17.4 0.0 34.2



#35
 Dibromofluoromethane
 Concen: 44.976 ug/l
 RT: 7.904 min Scan# 987
 Delta R.T. 0.000 min
 Lab File: VW031843.D
 Acq: 14 Jul 2025 12:22

Tgt Ion:113 Resp: 118179
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.1 123.1
 192 15.7 13.8 20.6

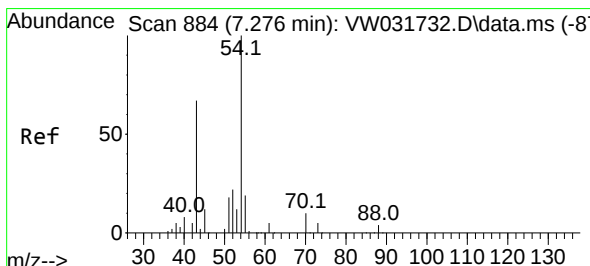
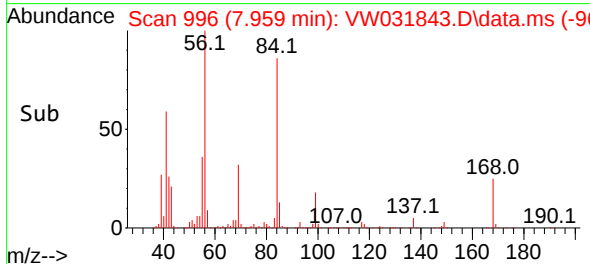
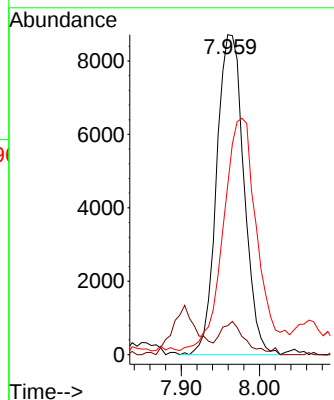
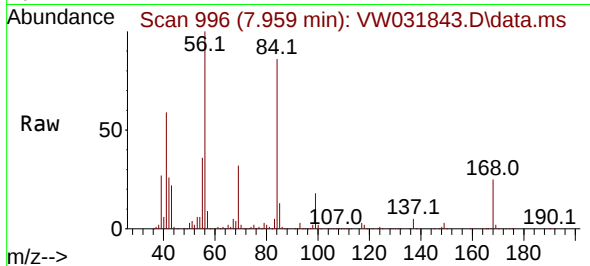




#36
1,1-Dichloropropene
Concen: 5.547 ug/l
RT: 7.959 min Scan# 91
Delta R.T. -0.134 min
Lab File: VW031843.D
Acq: 14 Jul 2025 12:22

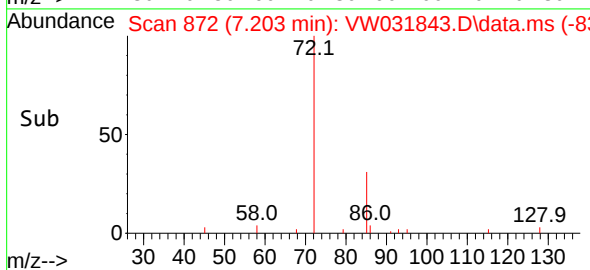
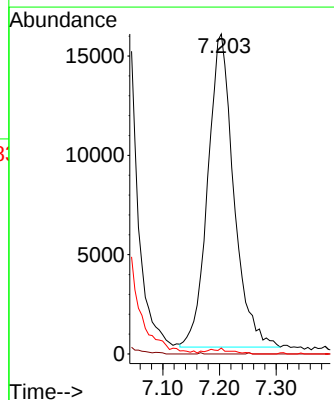
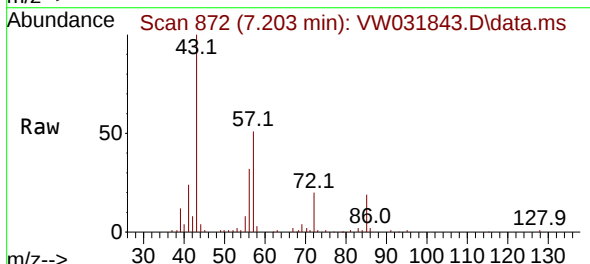
Instrument :
MSVOA_W
ClientSampleId :
GCAP3

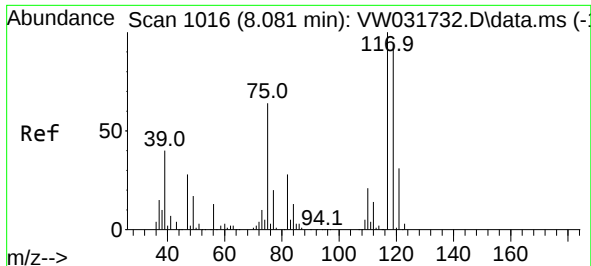
Tgt Ion: 75 Resp: 21092
Ion Ratio Lower Upper
75 100
110 9.5 16.8 50.4#
77 89.3 25.0 37.6#



#37
Ethyl Acetate
Concen: 20.878 ug/l
RT: 7.203 min Scan# 872
Delta R.T. -0.073 min
Lab File: VW031843.D
Acq: 14 Jul 2025 12:22

Tgt Ion: 43 Resp: 50078
Ion Ratio Lower Upper
43 100
61 0.0 10.9 16.3#
70 0.0 9.2 13.8#

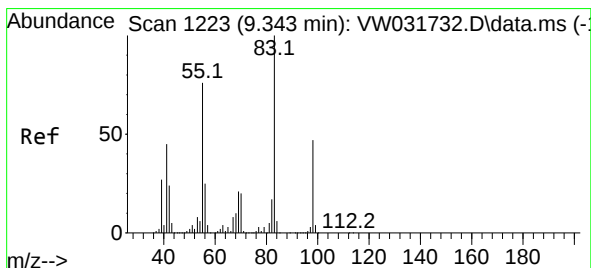
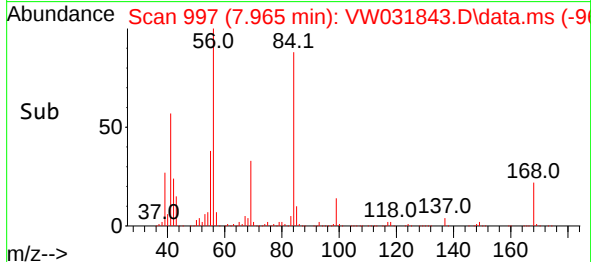
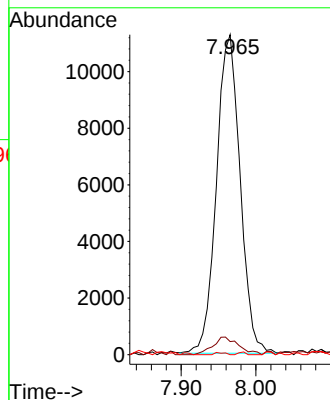
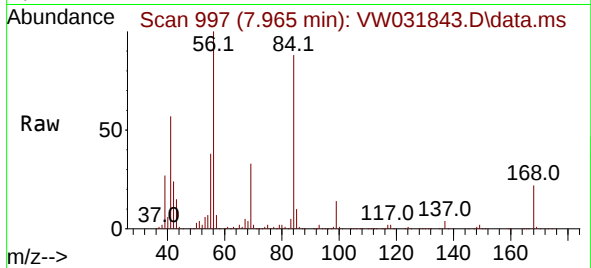




#38
Carbon Tetrachloride
Concen: 6.405 ug/l
RT: 7.965 min Scan# 997
Delta R.T. -0.116 min
Lab File: VW031843.D
Acq: 14 Jul 2025 12:22

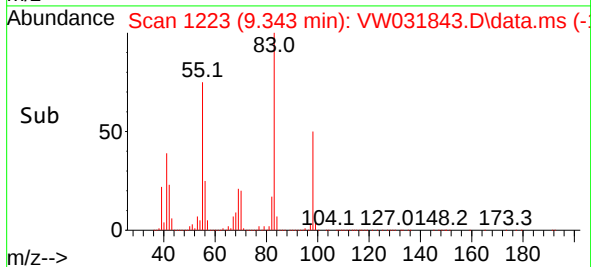
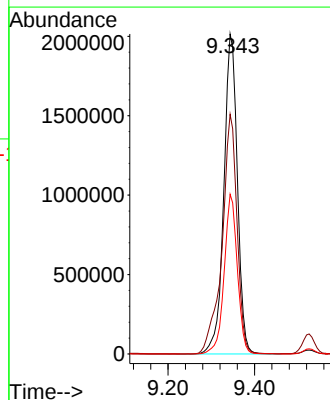
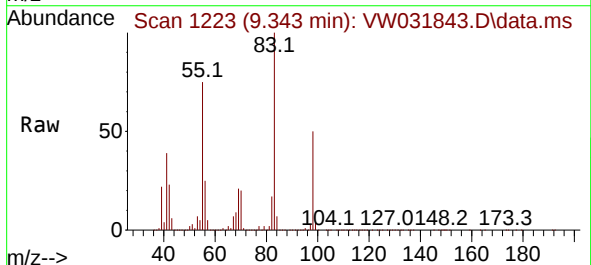
Instrument :
MSVOA_W
ClientSampleId :
GCAP3

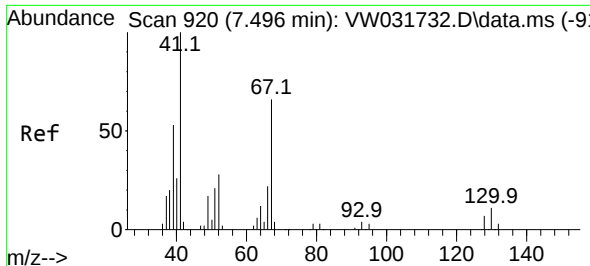
Tgt Ion:117 Resp: 24817
Ion Ratio Lower Upper
117 100
119 4.1 75.0 112.6#
121 0.0 24.6 37.0#



#39
Methylcyclohexane
Concen: 927.882 ug/l
RT: 9.343 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VW031843.D
Acq: 14 Jul 2025 12:22

Tgt Ion: 83 Resp: 4389485
Ion Ratio Lower Upper
83 100
55 74.9 61.0 91.4
98 49.9 37.9 56.9

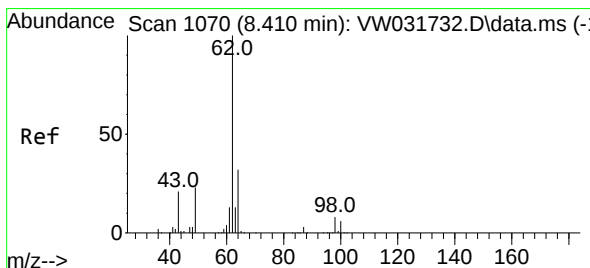
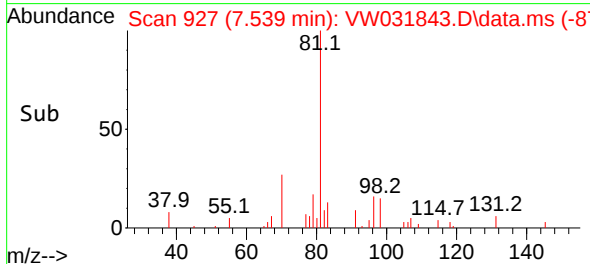
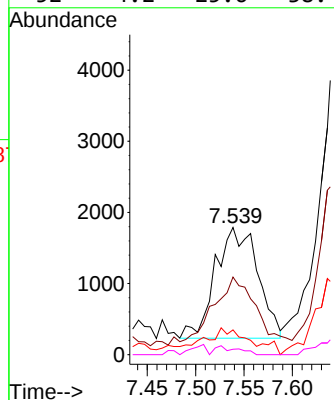
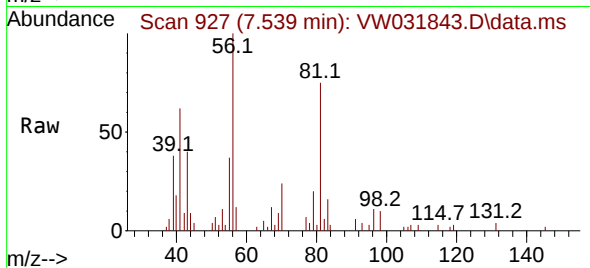




#41
Methacrylonitrile
Concen: 3.709 ug/l
RT: 7.539 min Scan# 91
Delta R.T. 0.043 min
Lab File: VW031843.D
Acq: 14 Jul 2025 12:22

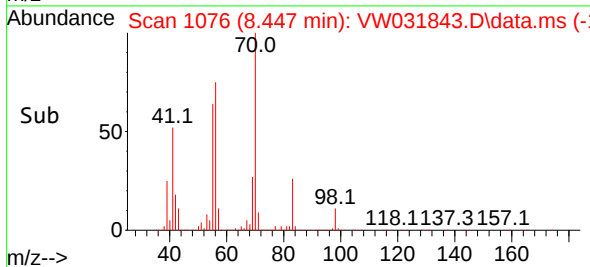
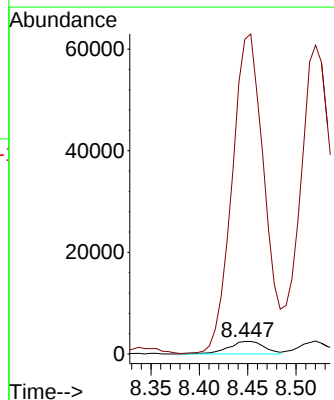
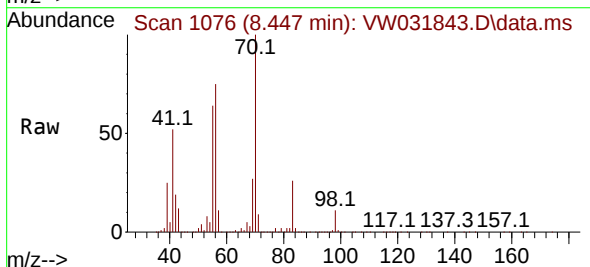
Instrument :
MSVOA_W
ClientSampleId :
GCAP3

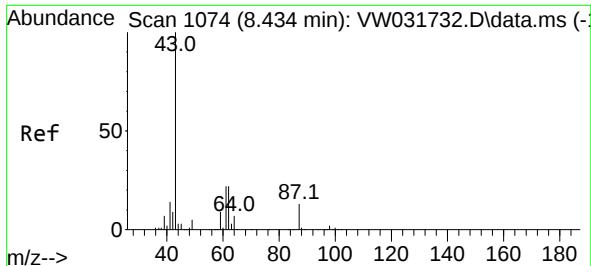
Tgt Ion:	41	Resp:	4766
Ion	Ratio	Lower	Upper
41	100		
39	65.0	43.2	64.8#
67	0.0	58.1	87.1#
52	4.2	25.6	38.4#



#42
1,2-Dichloroethane
Concen: 1.667 ug/l
RT: 8.447 min Scan# 1076
Delta R.T. 0.037 min
Lab File: VW031843.D
Acq: 14 Jul 2025 12:22

Tgt Ion:	62	Resp:	6335
Ion	Ratio	Lower	Upper
62	100		
98	2273.4	0.0	17.2#

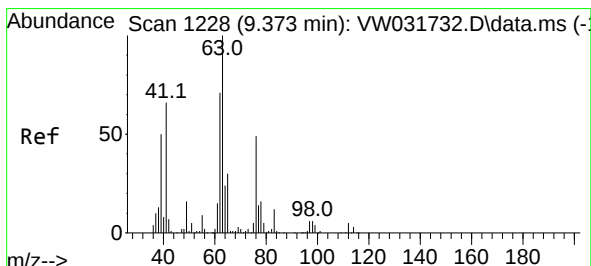
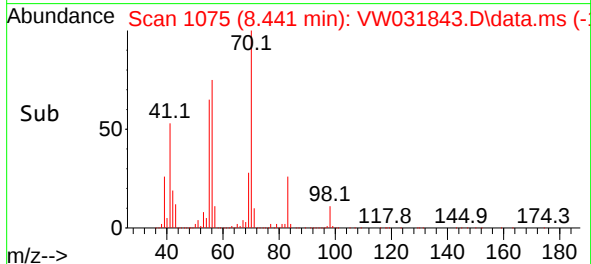
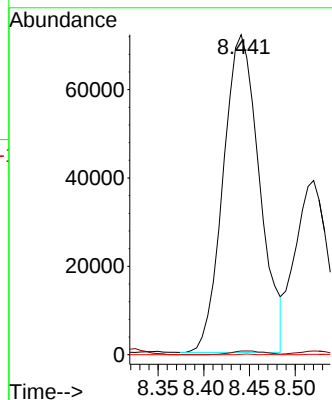
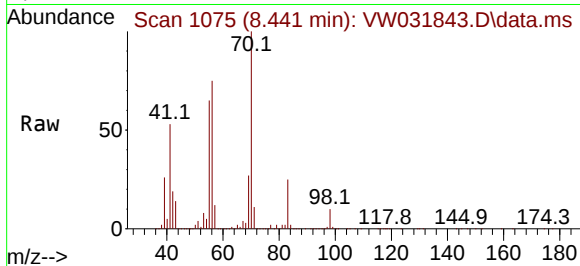




#43
Isopropyl Acetate
Concen: 48.119 ug/l
RT: 8.441 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VW031843.D
Acq: 14 Jul 2025 12:22

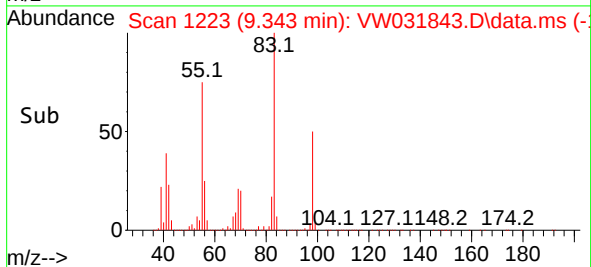
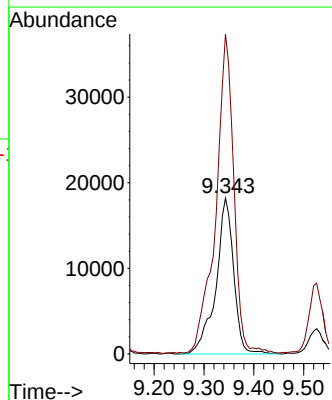
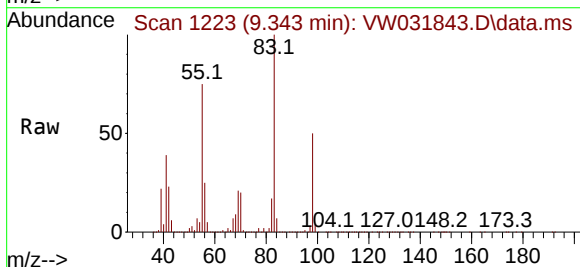
Instrument :
MSVOA_W
ClientSampleId :
GCAP3

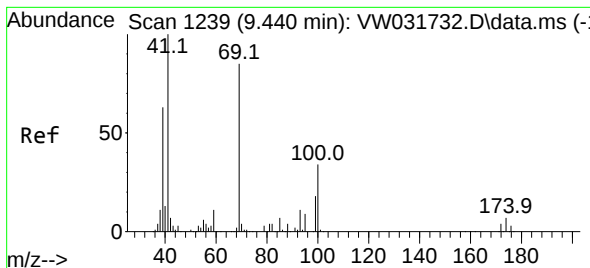
Tgt Ion: 43 Resp: 198953
Ion Ratio Lower Upper
43 100
61 1.1 23.1 34.7#
87 0.1 10.8 16.2#



#45
1,2-Dichloropropane
Concen: 16.601 ug/l
RT: 9.343 min Scan# 1223
Delta R.T. -0.030 min
Lab File: VW031843.D
Acq: 14 Jul 2025 12:22

Tgt Ion: 63 Resp: 45134
Ion Ratio Lower Upper
63 100
65 204.6 24.2 36.4#





#48

Methyl methacrylate

Concen: 150.977 ug/l

RT: 9.526 min Scan# 11

Delta R.T. 0.086 min

Lab File: VW031843.D

Acq: 14 Jul 2025 12:22

Instrument :

MSVOA_W

ClientSampleId :

GCAP3

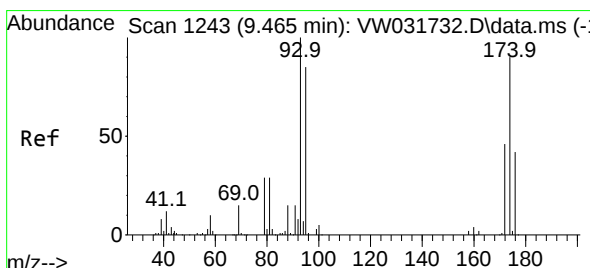
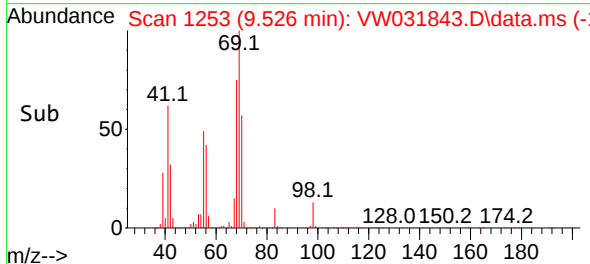
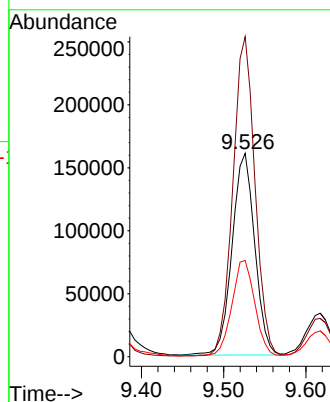
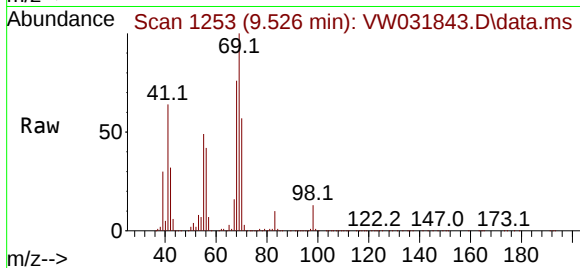
Tgt Ion: 41 Resp: 306935

Ion Ratio Lower Upper

41 100

69 154.1 71.6 107.4#

39 48.0 49.5 74.3#



#49

1,4-Dioxane

Concen: 1.070 ug/l

RT: 9.307 min Scan# 1217

Delta R.T. -0.158 min

Lab File: VW031843.D

Acq: 14 Jul 2025 12:22

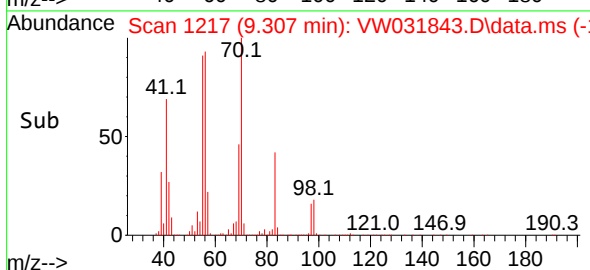
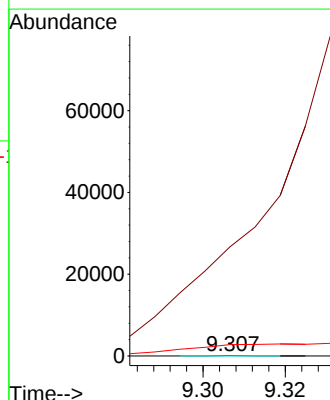
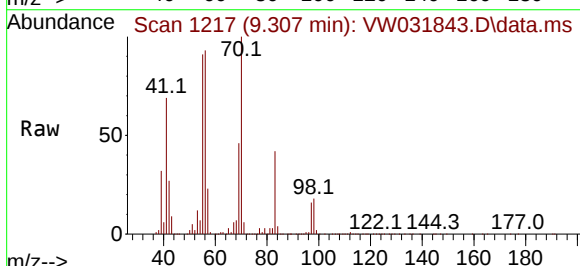
Tgt Ion: 88 Resp: 22

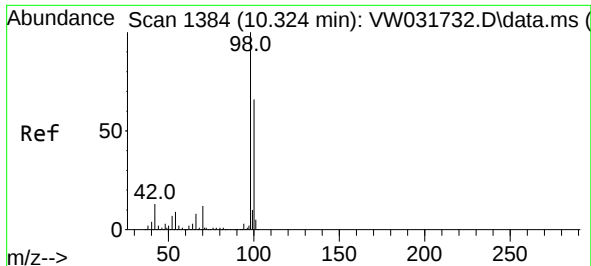
Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 0.0 58.3 87.5#

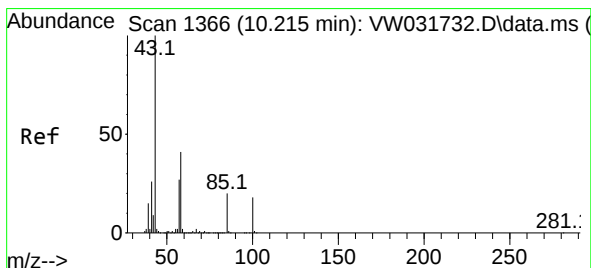
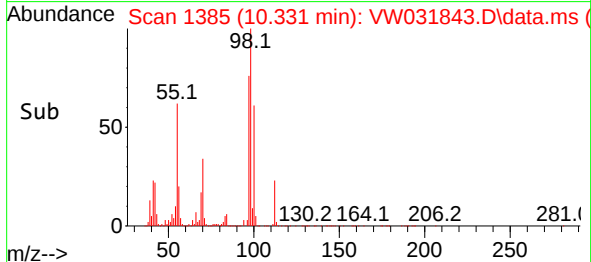
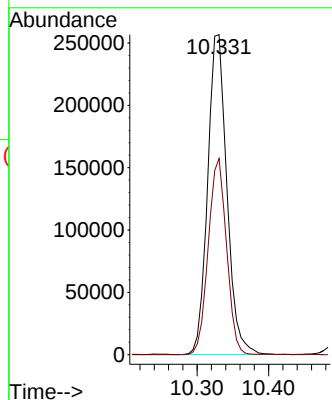
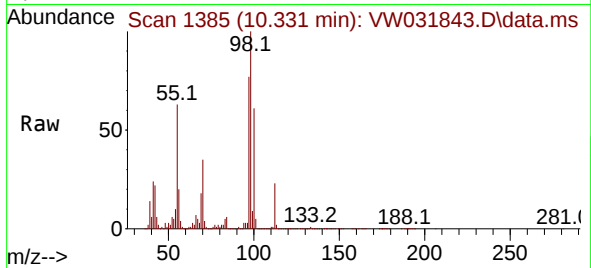




#50
Toluene-d8
Concen: 49.046 ug/l
RT: 10.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031843.D
Acq: 14 Jul 2025 12:22

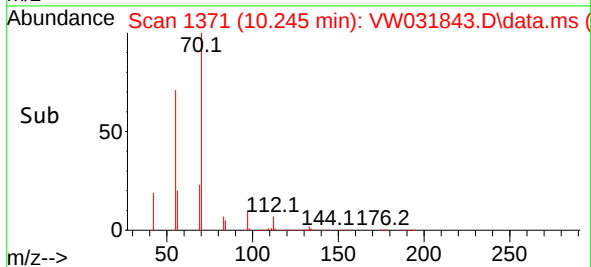
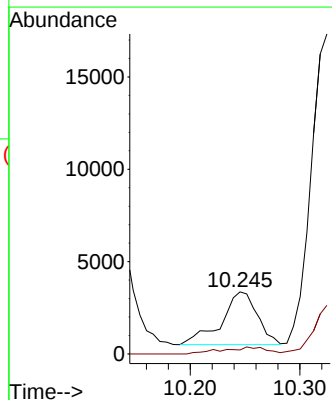
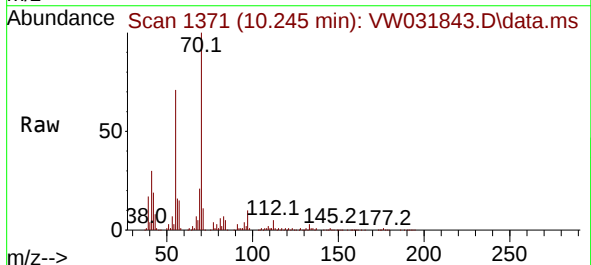
Instrument :
MSVOA_W
ClientSampleId :
GCAP3

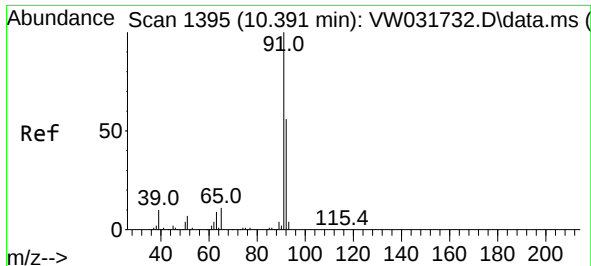
Tgt Ion: 98 Resp: 479586
Ion Ratio Lower Upper
98 100
100 58.3 53.0 79.4



#51
4-Methyl-2-Pentanone
Concen: 2.761 ug/l
RT: 10.245 min Scan# 1371
Delta R.T. 0.031 min
Lab File: VW031843.D
Acq: 14 Jul 2025 12:22

Tgt Ion: 43 Resp: 6564
Ion Ratio Lower Upper
43 100
58 16.0 32.2 48.2#

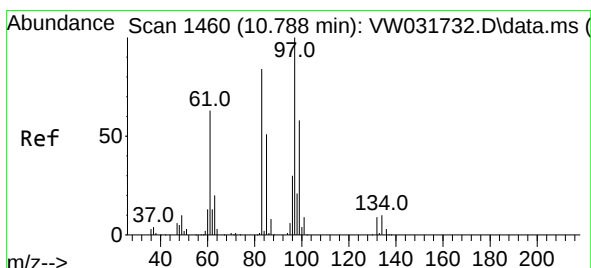
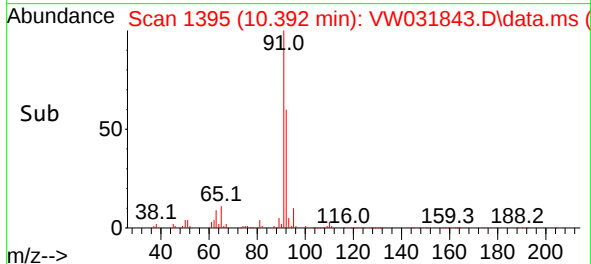
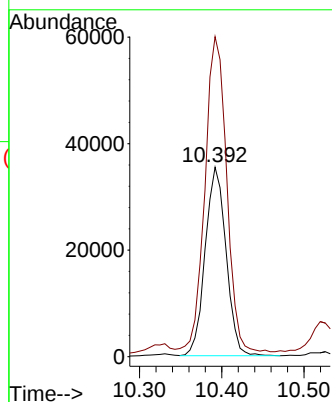
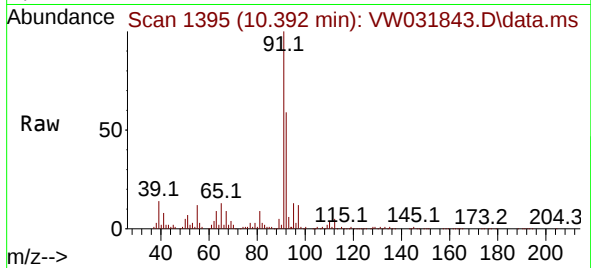




#52
Toluene
Concen: 8.670 ug/l
RT: 10.392 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031843.D
Acq: 14 Jul 2025 12:22

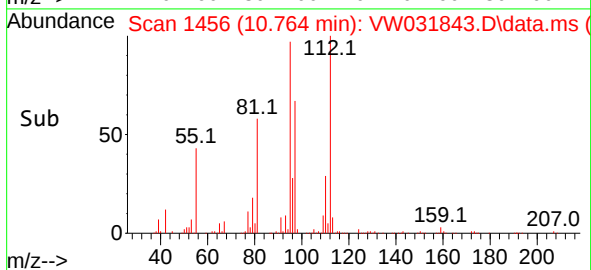
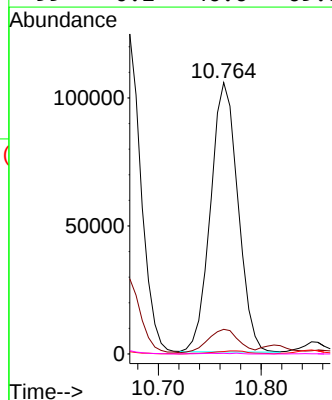
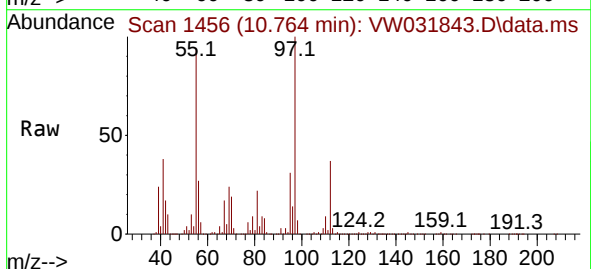
Instrument :
MSVOA_W
ClientSampleId :
GCAP3

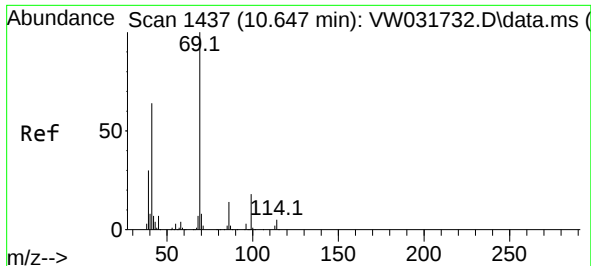
Tgt Ion: 92 Resp: 62448
Ion Ratio Lower Upper
92 100
91 173.7 139.5 209.3



#55
1,1,2-Trichloroethane
Concen: 84.835 ug/l
RT: 10.764 min Scan# 1456
Delta R.T. -0.024 min
Lab File: VW031843.D
Acq: 14 Jul 2025 12:22

Tgt Ion: 97 Resp: 195059
Ion Ratio Lower Upper
97 100
83 8.7 66.9 100.3#
85 0.9 41.1 61.7#
99 0.2 46.6 69.8#

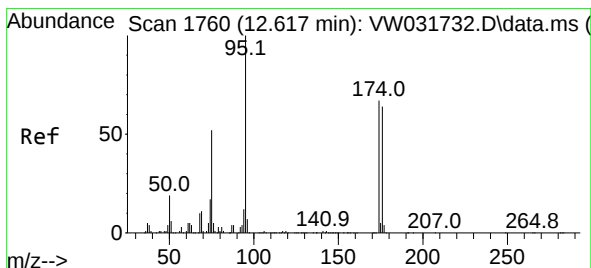
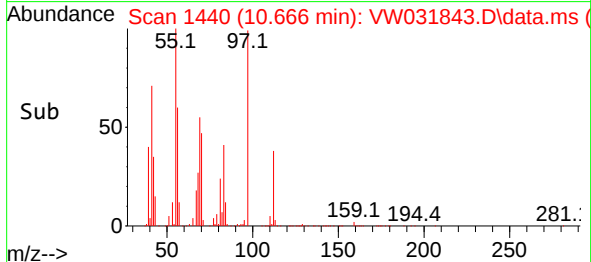
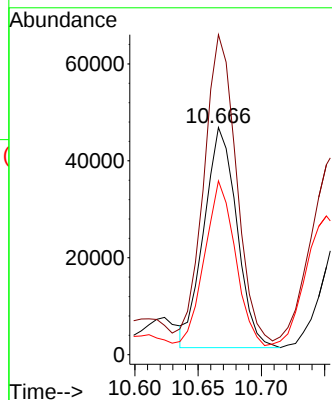
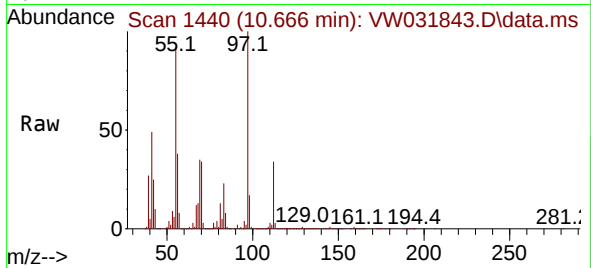




#56
Ethyl methacrylate
Concen: 26.263 ug/l
RT: 10.666 min Scan# 1437
Delta R.T. 0.019 min
Lab File: VW031843.D
Acq: 14 Jul 2025 12:22

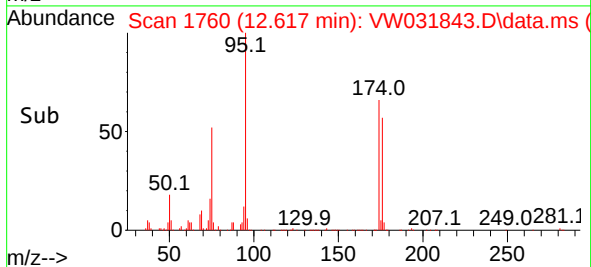
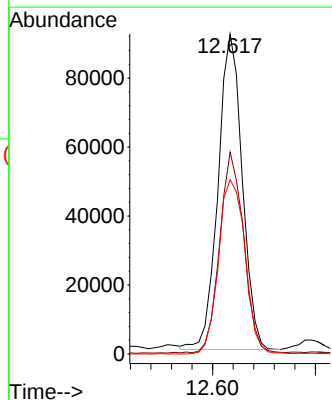
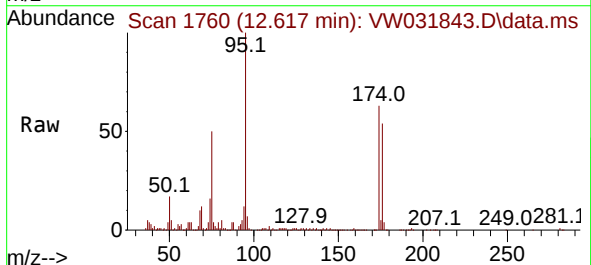
Instrument :
MSVOA_W
ClientSampleId :
GCAP3

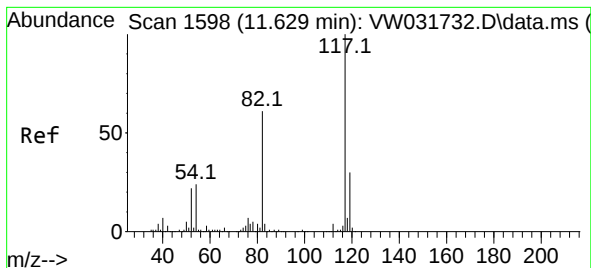
Tgt Ion: 69 Resp: 81925
Ion Ratio Lower Upper
69 100
41 140.6 53.3 79.9#
39 69.8 30.2 45.2#



#62
4-Bromofluorobenzene
Concen: 41.495 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031843.D
Acq: 14 Jul 2025 12:22

Tgt Ion: 95 Resp: 149318
Ion Ratio Lower Upper
95 100
174 63.3 0.0 133.8
176 60.4 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: VW031843.D

Acq: 14 Jul 2025 12:22

Instrument :

MSVOA_W

ClientSampleId :

GCAP3

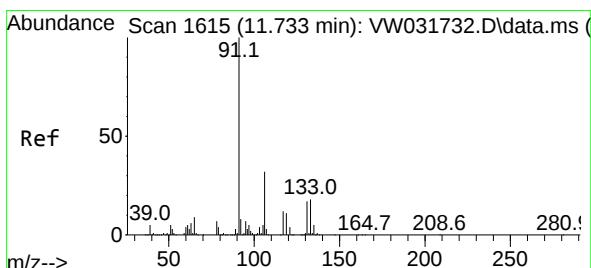
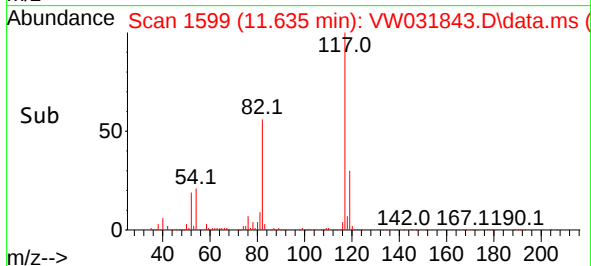
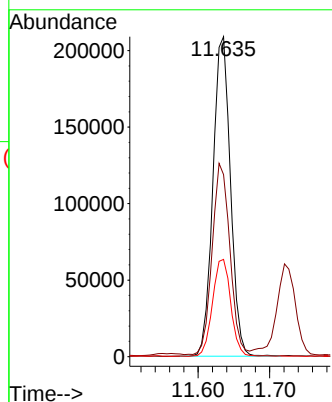
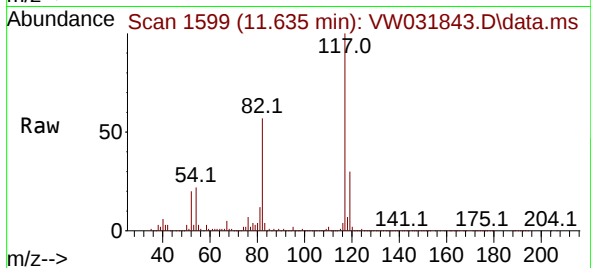
Tgt Ion:117 Resp: 355600

Ion Ratio Lower Upper

117 100

82 56.1 48.6 72.8

119 30.2 23.9 35.9



#67

Ethyl Benzene

Concen: 5.815 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.000 min

Lab File: VW031843.D

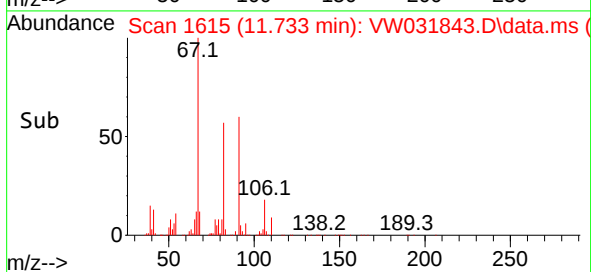
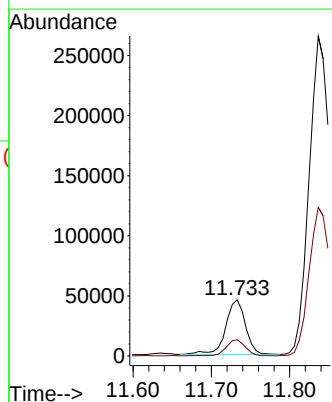
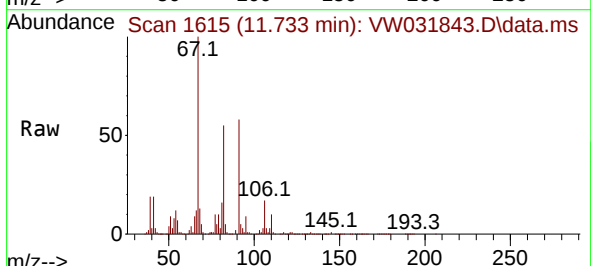
Acq: 14 Jul 2025 12:22

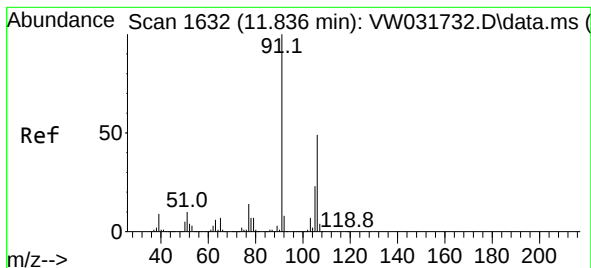
Tgt Ion: 91 Resp: 79115

Ion Ratio Lower Upper

91 100

106 29.3 25.4 38.2

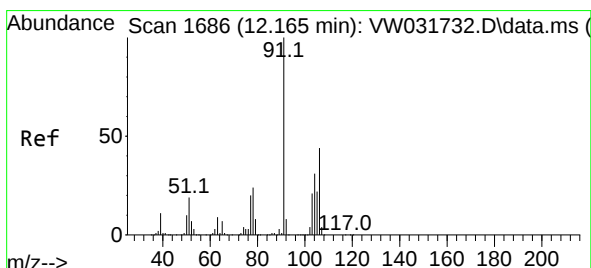
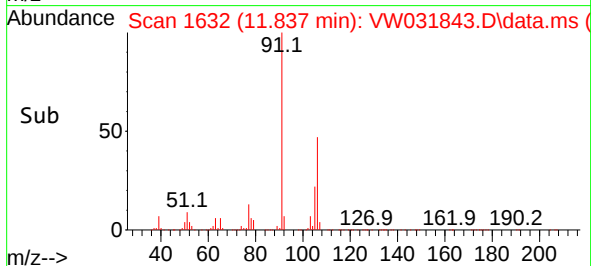
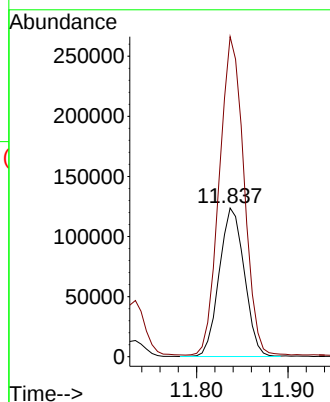
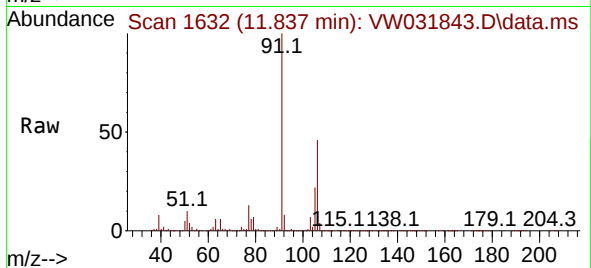




#68
m/p-Xylenes
Concen: 44.997 ug/l
RT: 11.837 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031843.D
Acq: 14 Jul 2025 12:22

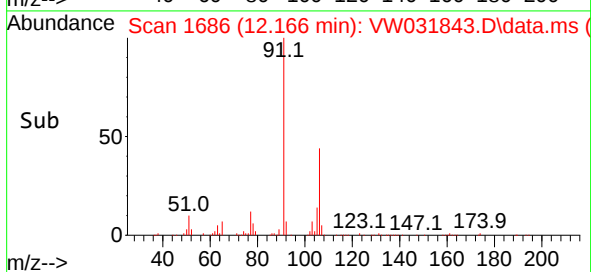
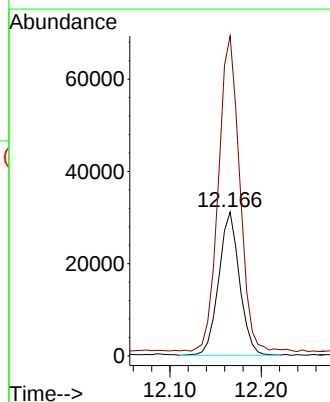
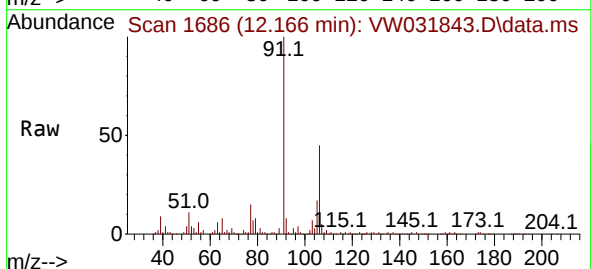
Instrument :
MSVOA_W
ClientSampleId :
GCAP3

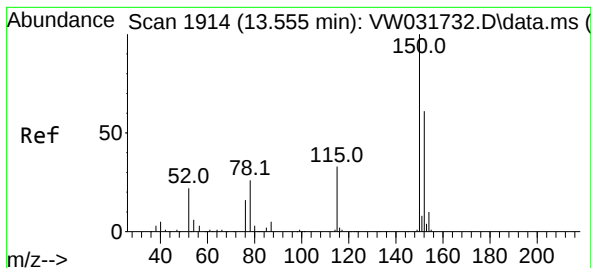
Tgt Ion:106 Resp: 235330
Ion Ratio Lower Upper
106 100
91 210.9 166.4 249.6



#69
o-Xylene
Concen: 10.117 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW031843.D
Acq: 14 Jul 2025 12:22

Tgt Ion:106 Resp: 48990
Ion Ratio Lower Upper
106 100
91 226.7 111.5 334.4

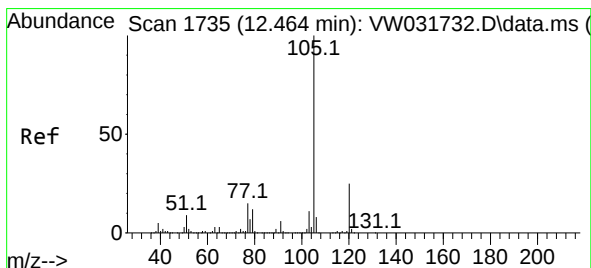
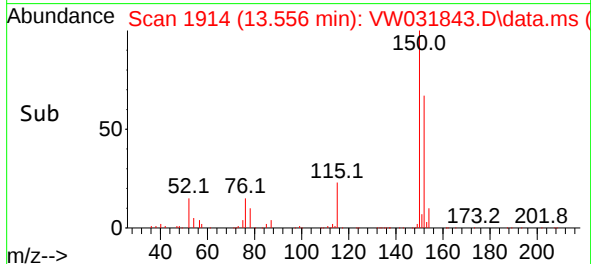
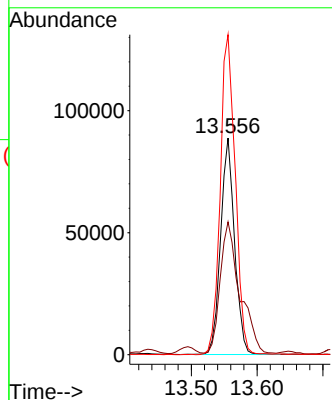
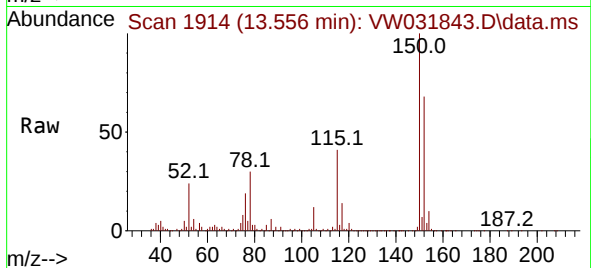




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW031843.D
Acq: 14 Jul 2025 12:22

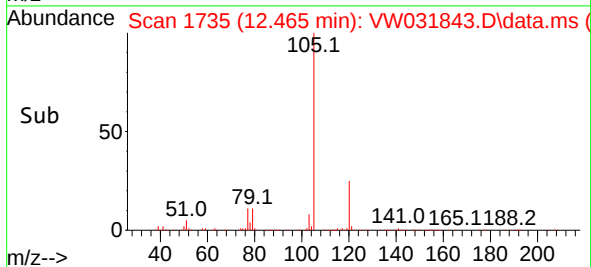
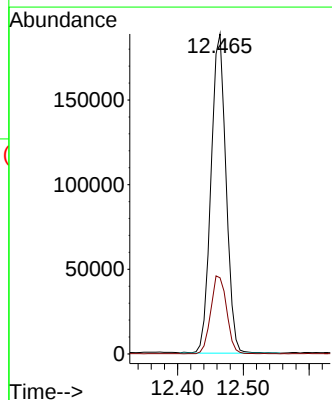
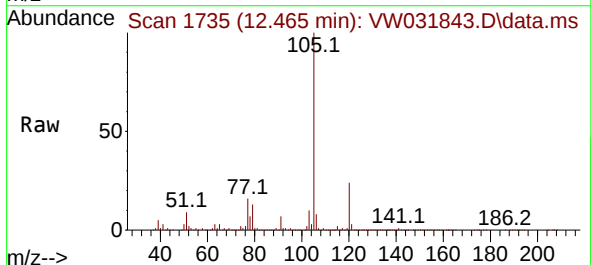
Instrument :
MSVOA_W
ClientSampleId :
GCAP3

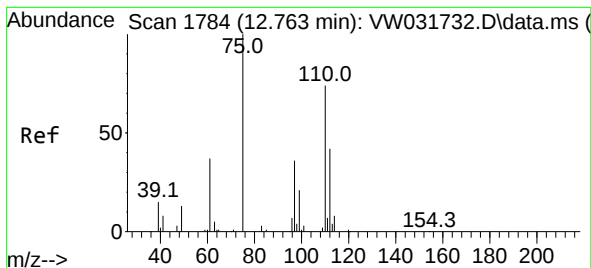
Tgt Ion:152 Resp: 131166
Ion Ratio Lower Upper
152 100
115 84.9 31.9 95.7
150 158.6 0.0 356.4



#73
Isopropylbenzene
Concen: 30.089 ug/l
RT: 12.465 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW031843.D
Acq: 14 Jul 2025 12:22

Tgt Ion:105 Resp: 300201
Ion Ratio Lower Upper
105 100
120 25.7 12.8 38.4





#76

1,2,3-Trichloropropane

Concen: 2.154 ug/l

RT: 12.806 min Scan# 1791

Delta R.T. 0.043 min

Lab File: VW031843.D

Acq: 14 Jul 2025 12:22

Instrument :

MSVOA_W

ClientSampleId :

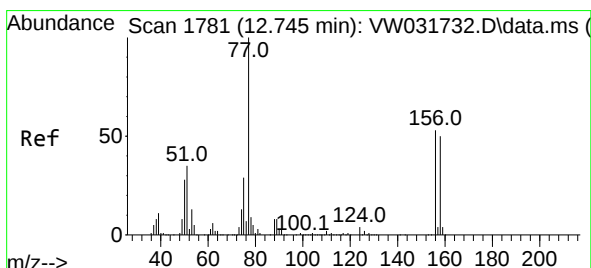
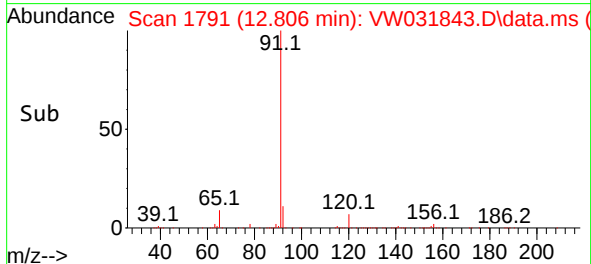
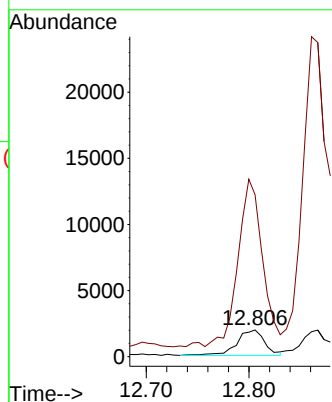
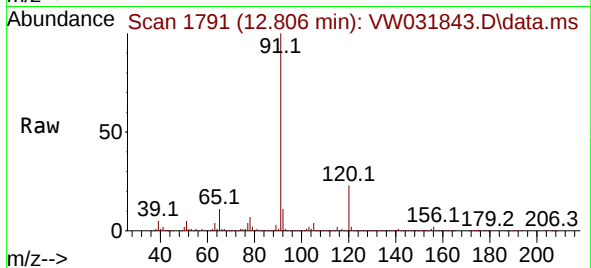
GCAP3

Tgt Ion: 75 Resp: 3651

Ion Ratio Lower Upper

75 100

77 591.8 141.2 423.6#



#77

Bromobenzene

Concen: 10.494 ug/l

RT: 12.824 min Scan# 1794

Delta R.T. 0.080 min

Lab File: VW031843.D

Acq: 14 Jul 2025 12:22

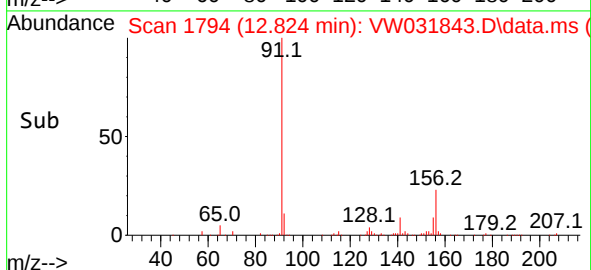
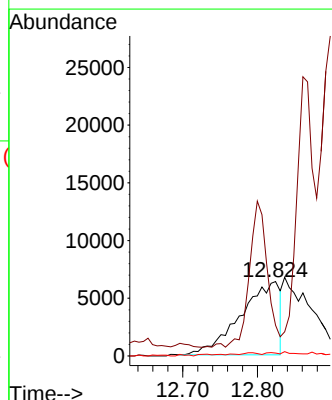
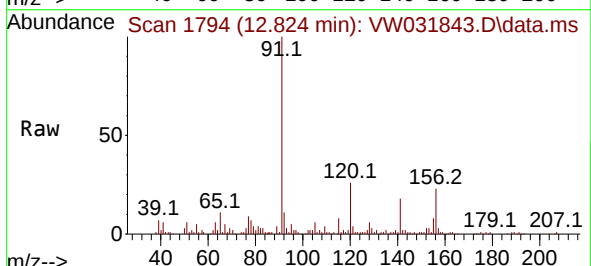
Tgt Ion:156 Resp: 23351

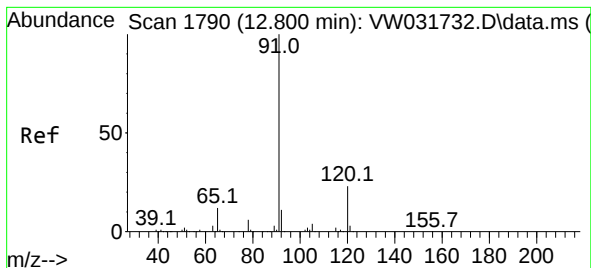
Ion Ratio Lower Upper

156 100

77 0.0 117.9 353.7#

158 1.5 52.6 157.8#





#78

n-propylbenzene

Concen: 38.970 ug/l

RT: 12.800 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031843.D

Acq: 14 Jul 2025 12:22

Instrument :

MSVOA_W

ClientSampleId :

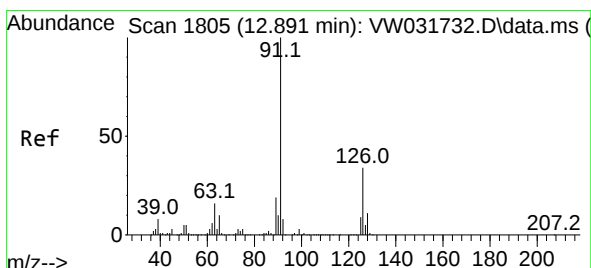
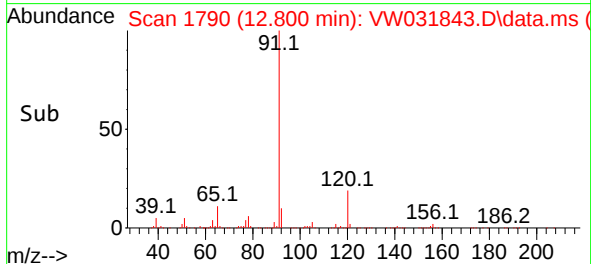
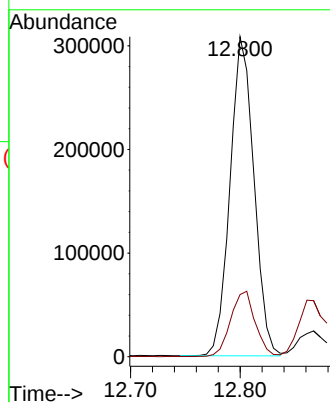
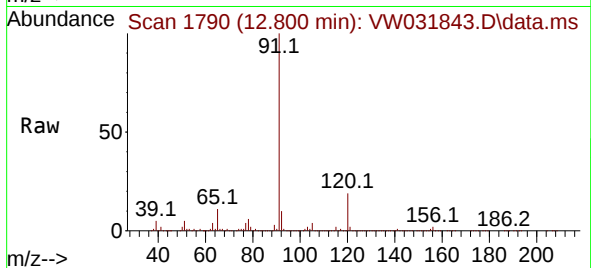
GCAP3

Tgt Ion: 91 Resp: 465595

Ion Ratio Lower Upper

91 100

120 21.1 11.5 34.4



#79

2-Chlorotoluene

Concen: 5.163 ug/l

RT: 12.897 min Scan# 1806

Delta R.T. 0.006 min

Lab File: VW031843.D

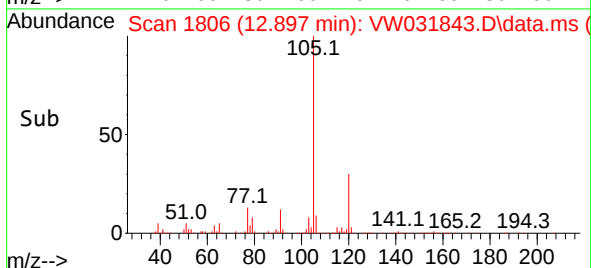
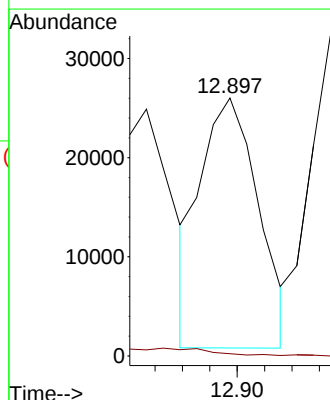
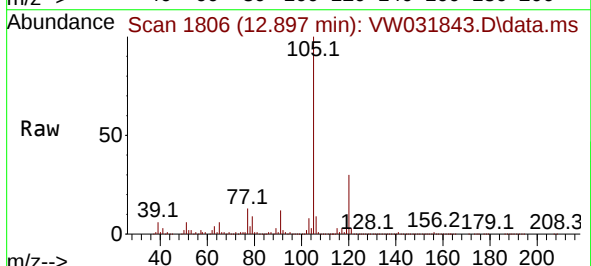
Acq: 14 Jul 2025 12:22

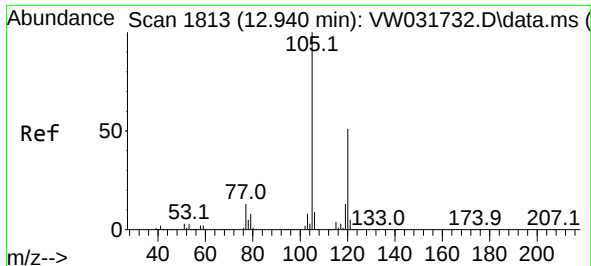
Tgt Ion: 91 Resp: 37144

Ion Ratio Lower Upper

91 100

126 0.0 15.8 47.4#

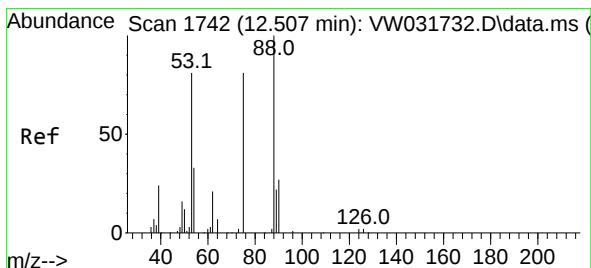
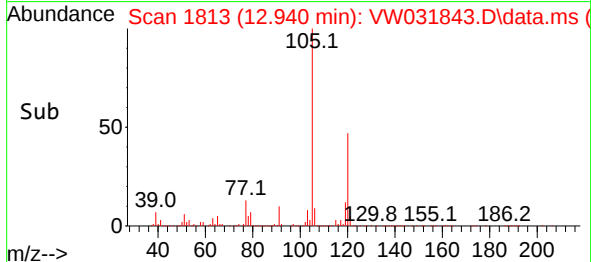
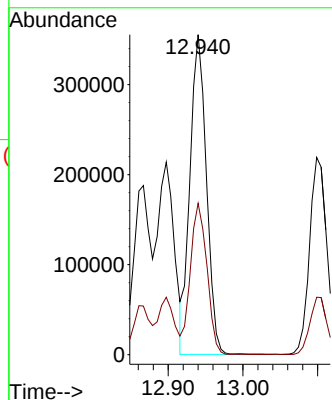
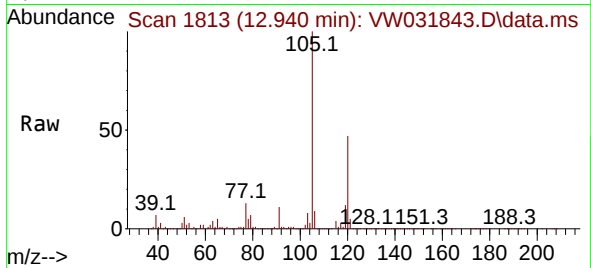




#80
1,3,5-Trimethylbenzene
Concen: 65.549 ug/l
RT: 12.940 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031843.D
Acq: 14 Jul 2025 12:22

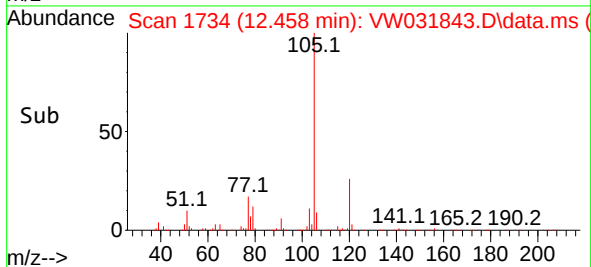
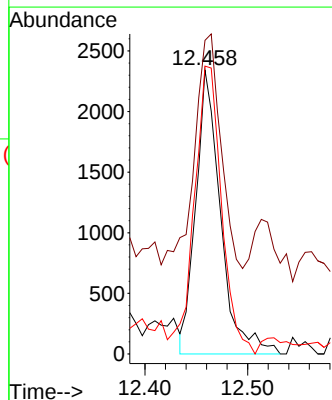
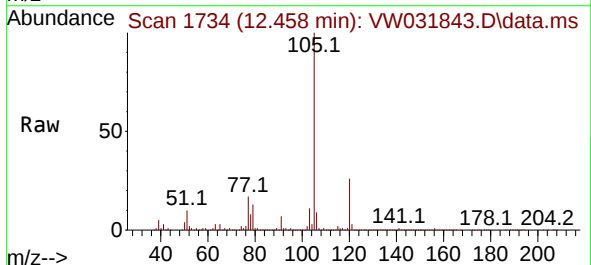
Instrument :
MSVOA_W
ClientSampleId :
GCAP3

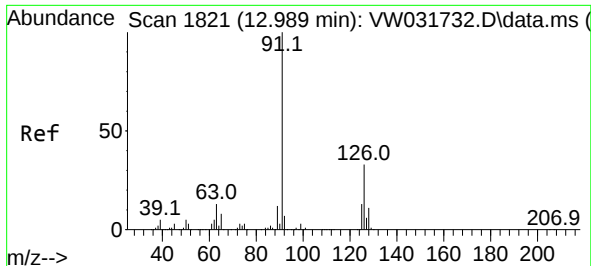
Tgt Ion:105 Resp: 541343
Ion Ratio Lower Upper
105 100
120 47.7 23.8 71.2



#81
trans-1,4-Dichloro-2-butene
Concen: 5.404 ug/l
RT: 12.458 min Scan# 1734
Delta R.T. -0.048 min
Lab File: VW031843.D
Acq: 14 Jul 2025 12:22

Tgt Ion: 75 Resp: 3933
Ion Ratio Lower Upper
75 100
53 83.8 83.5 125.3
89 111.6 38.3 57.5#

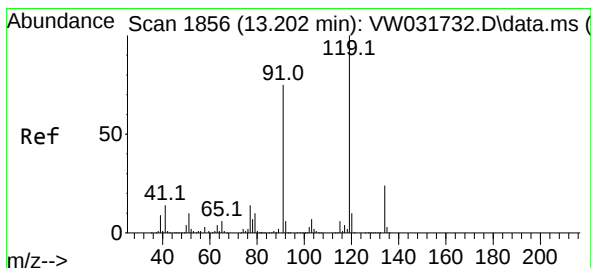
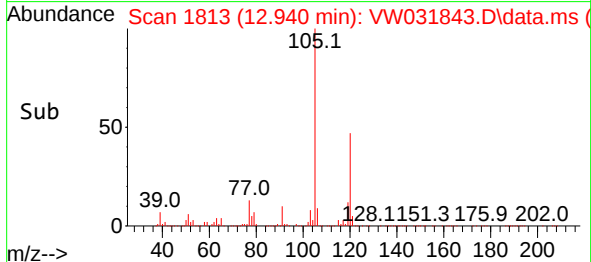
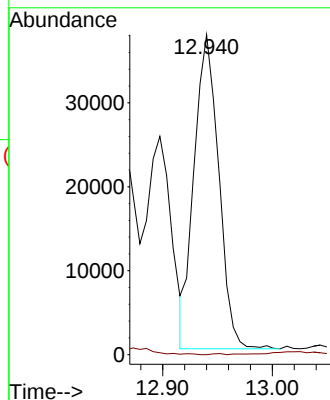
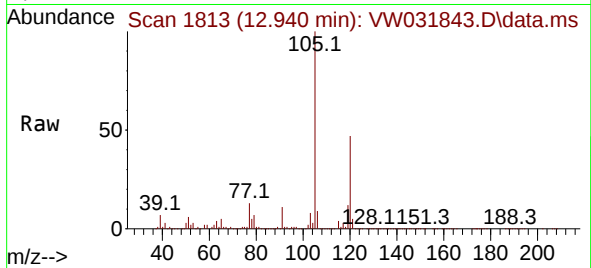




#82
4-Chlorotoluene
Concen: 7.707 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.048 min
Lab File: VW031843.D
Acq: 14 Jul 2025 12:22

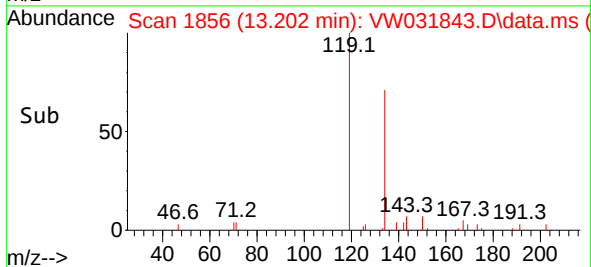
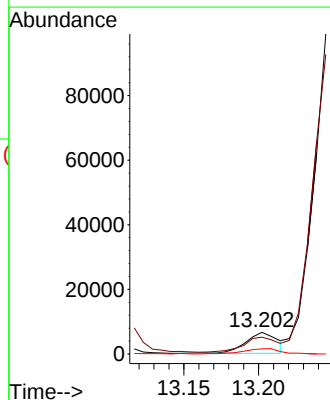
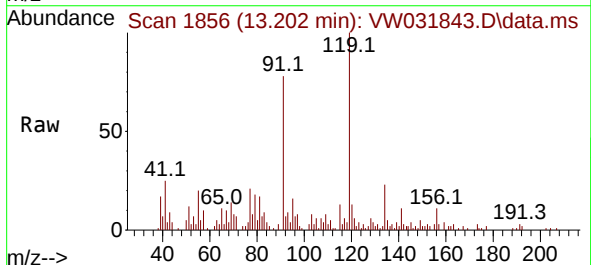
Instrument :
MSVOA_W
ClientSampleId :
GCAP3

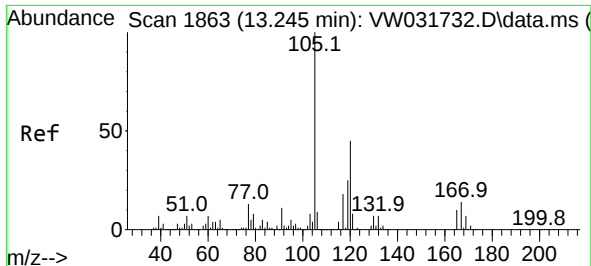
Tgt Ion: 91 Resp: 58217
Ion Ratio Lower Upper
91 100
126 0.0 16.0 47.9#



#83
tert-Butylbenzene
Concen: 1.346 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW031843.D
Acq: 14 Jul 2025 12:22

Tgt Ion: 119 Resp: 9523
Ion Ratio Lower Upper
119 100
91 76.0 36.0 108.1
134 28.9 12.4 37.2

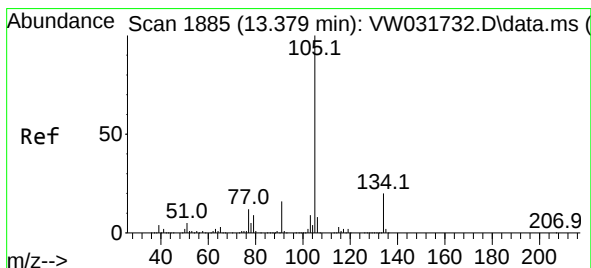
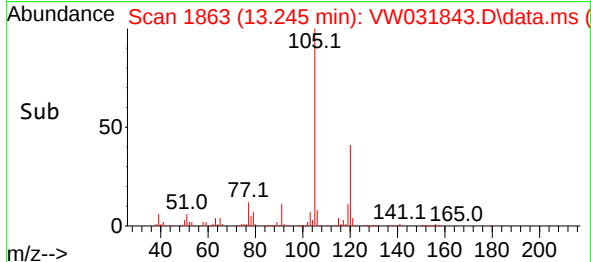
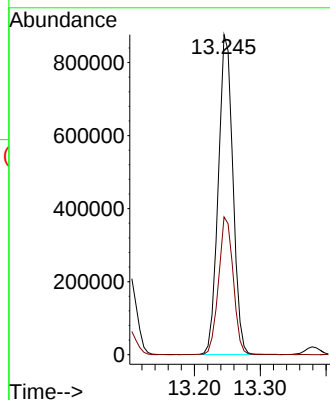
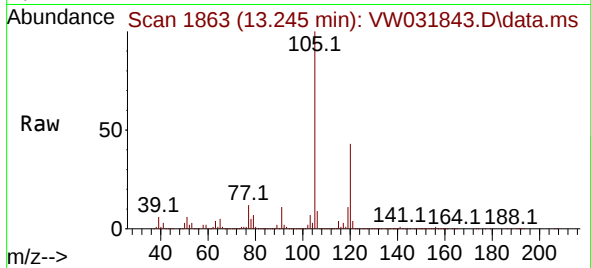




#84
1,2,4-Trimethylbenzene
Concen: 161.638 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031843.D
Acq: 14 Jul 2025 12:22

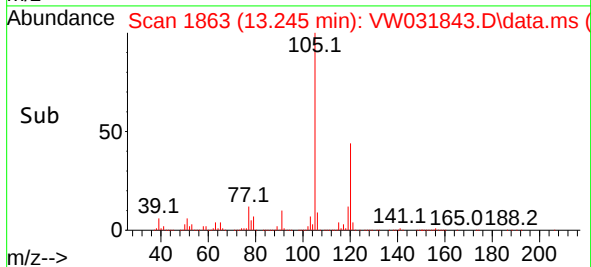
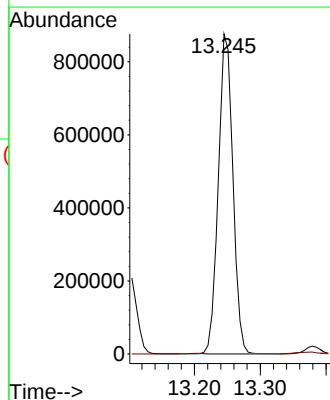
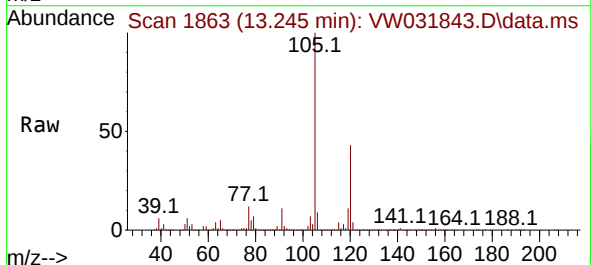
Instrument :
MSVOA_W
ClientSampleId :
GCAP3

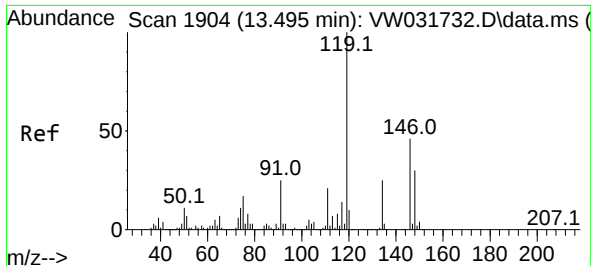
Tgt Ion:105 Resp: 1352547
Ion Ratio Lower Upper
105 100
120 43.3 22.1 66.1



#85
sec-Butylbenzene
Concen: 127.379 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. -0.134 min
Lab File: VW031843.D
Acq: 14 Jul 2025 12:22

Tgt Ion:105 Resp: 1352547
Ion Ratio Lower Upper
105 100
134 0.0 9.6 28.8#

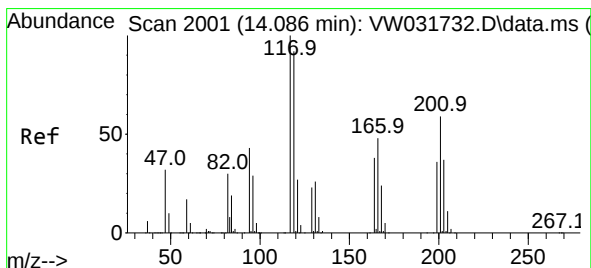
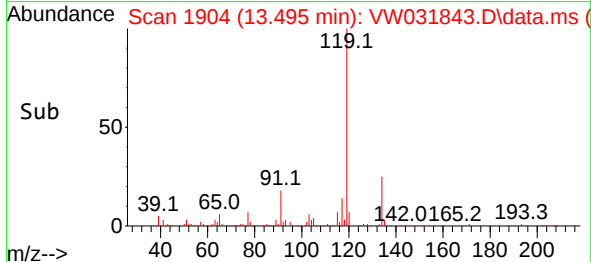
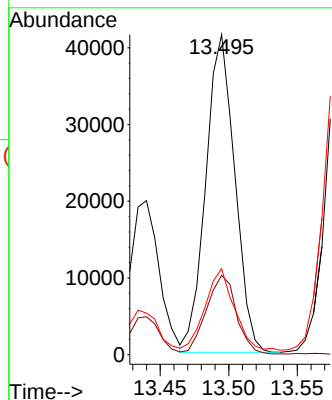
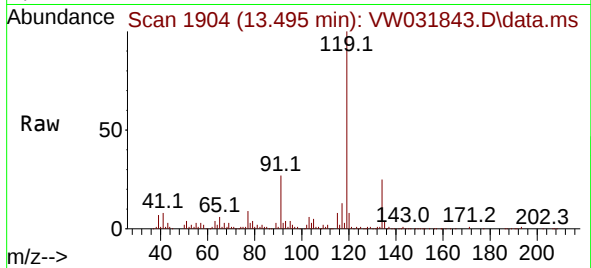




#86
 p-Isopropyltoluene
 Concen: 6.967 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW031843.D
 Acq: 14 Jul 2025 12:22

Instrument :
 MSVOA_W
 ClientSampleId :
 GCAP3

Tgt Ion:119 Resp: 60965
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.9 38.7
 91 25.4 12.7 38.0



#90
 Hexachloroethane
 Concen: 4.956 ug/l
 RT: 14.092 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VW031843.D
 Acq: 14 Jul 2025 12:22

Tgt Ion:117 Resp: 7824
 Ion Ratio Lower Upper
 117 100
 201 0.0 31.1 93.3#

