

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
 Data File : VW031840.D
 Acq On : 14 Jul 2025 11:16
 Operator : SY/MD
 Sample : Q2503-03
 Misc : 4.83g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GCAP2

Quant Time: Jul 15 02:41:20 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	7.959	168	210867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	390097	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	330238	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	124443	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	121517	40.155	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	80.320%
35) Dibromofluoromethane	7.898	113	109893	43.171	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	86.340%
50) Toluene-d8	10.325	98	454812	48.011	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	96.020%
62) 4-Bromofluorobenzene	12.617	95	132548	38.022	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	76.040%

Target Compounds					Qvalue	
11) Tert butyl alcohol	5.222	59	916	4.886	ug/l #	69
13) Acrolein	4.149	56	16237	48.186	ug/l #	77
14) Allyl chloride	4.942	41	248909	64.566	ug/l #	56
15) Acrylonitrile	5.460	53	64359	83.339	ug/l #	40
16) Acetone	4.161	43	183992	245.985	ug/l	94
17) Carbon Disulfide	4.417	76	14969	2.226	ug/l	99
18) Methyl Acetate	4.936	43	592538	277.183	ug/l #	49
25) 2-Butanone	7.191	43	79299	81.491	ug/l #	87
26) 2,2-Dichloropropane	7.002	77	30637	10.772	ug/l #	52
30) Chloroform	7.642	83	26355	5.088	ug/l #	19
31) Cyclohexane	7.972	56	1772349	411.327	ug/l	93
36) 1,1-Dichloropropene	7.959	75	20803	5.648	ug/l #	9
37) Ethyl Acetate	7.191	43	79299	34.127	ug/l #	68
38) Carbon Tetrachloride	7.959	117	23868	6.359	ug/l #	16
39) Methylcyclohexane	9.343	83	3108704	678.321	ug/l	97
41) Methacrylonitrile	7.539	41	5085	4.085	ug/l #	38
42) 1,2-Dichloroethane	8.447	62	7139	1.939	ug/l #	1
43) Isopropyl Acetate	8.435	43	304409	75.998	ug/l #	53
45) 1,2-Dichloropropane	9.343	63	35436	13.454	ug/l #	1
47) Bromodichloromethane	9.618	83	38326	9.611	ug/l #	33
48) Methyl methacrylate	9.520	41	281585	142.972	ug/l #	56
51) 4-Methyl-2-Pentanone	10.246	43	14374	6.242	ug/l #	58
52) Toluene	10.392	92	25535	3.660	ug/l	97
55) 1,1,2-Trichloroethane	10.764	97	282563	126.853	ug/l #	22
56) Ethyl methacrylate	10.666	69	120220	39.782	ug/l #	16
58) 2-Chloroethyl Vinyl ether	9.904	63	1756	1.055	ug/l #	45
59) 2-Hexanone	10.995	43	2302	1.475	ug/l #	27
67) Ethyl Benzene	11.733	91	17565	1.390	ug/l	89
68) m/p-Xylenes	11.837	106	99062	20.396	ug/l	95
69) o-Xylene	12.166	106	19927	4.431	ug/l	92
73) Isopropylbenzene	12.465	105	235287	24.857	ug/l	99
74) N-amyl acetate	12.251	43	29408	11.526	ug/l #	41
75) 1,1,2,2-Tetrachloroethane	12.690	83	8007	3.810	ug/l #	44
76) 1,2,3-Trichloropropane	12.800	75	3119	1.939	ug/l #	1
78) n-propylbenzene	12.800	91	426293	37.608	ug/l	97
79) 2-Chlorotoluene	12.940	91	15655	2.294	ug/l #	71

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

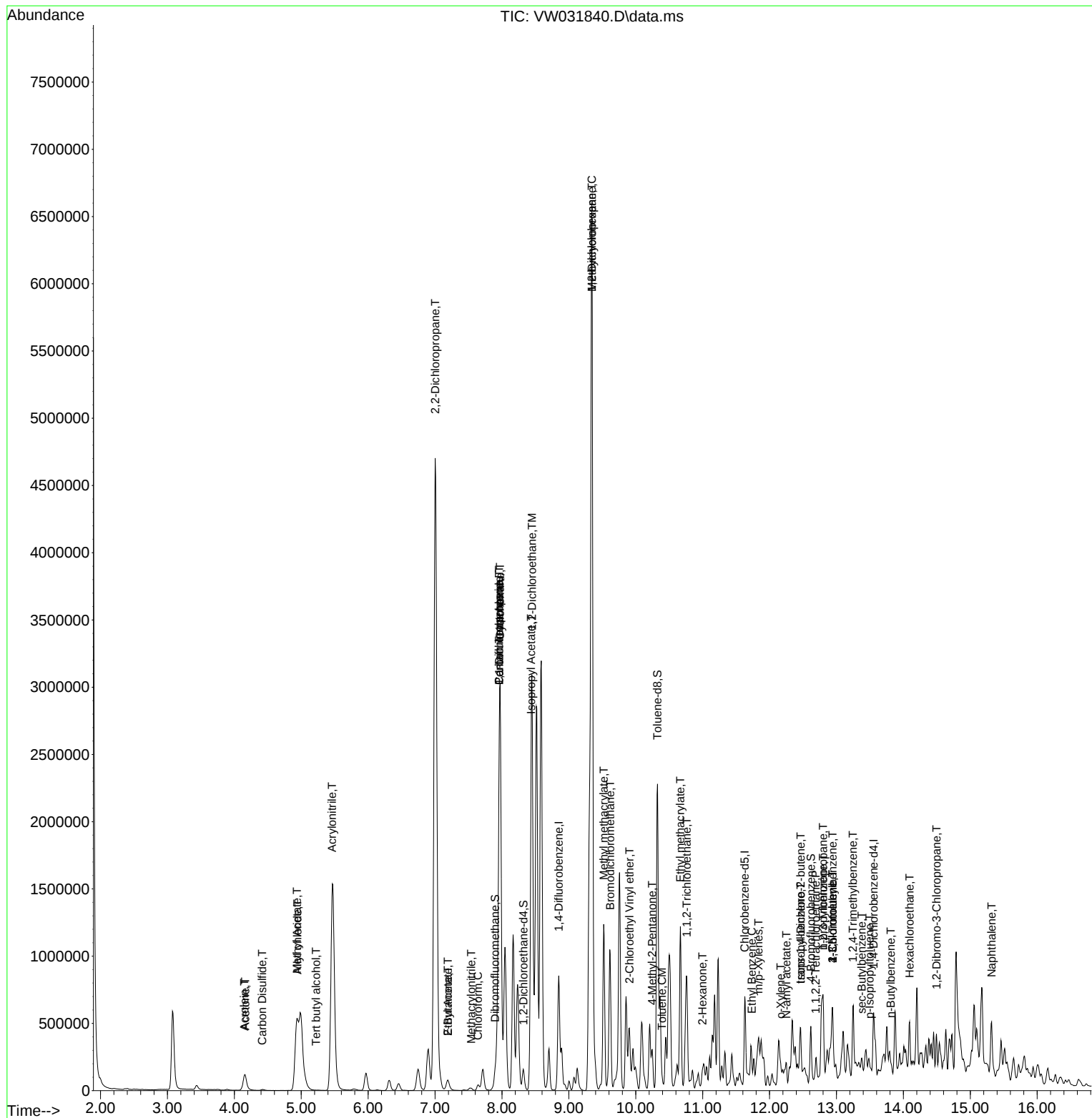
80) 1,3,5-Trimethylbenzene	12.940	105	127325	16.250	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.465	75	3239	4.691	ug/l #	65
82) 4-Chlorotoluene	12.940	91	15655	2.185	ug/l #	70
84) 1,2,4-Trimethylbenzene	13.245	105	289573	36.475	ug/l	98
85) sec-Butylbenzene	13.379	105	54204	5.381	ug/l #	72
86) p-Isopropyltoluene	13.495	119	35983	4.334	ug/l	92
89) n-Butylbenzene	13.812	91	28799	3.570	ug/l #	83
90) Hexachloroethane	14.092	117	17058	11.388	ug/l #	19
92) 1,2-Dibromo-3-Chloropr...	14.495	75	1009	2.459	ug/l #	13
95) Naphthalene	15.318	128	12111	2.070	ug/l #	1

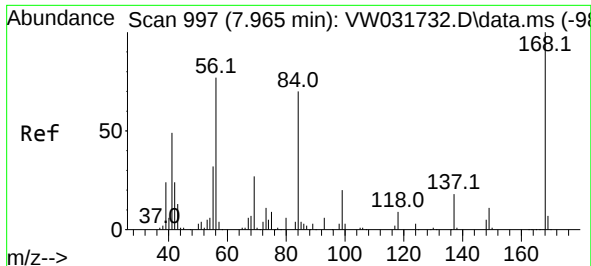
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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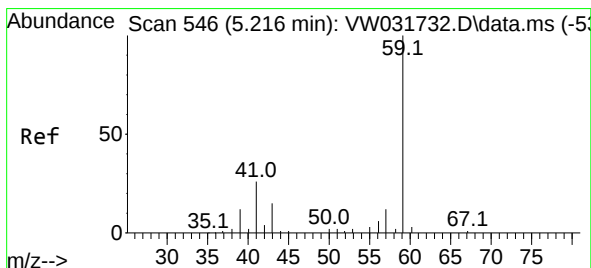
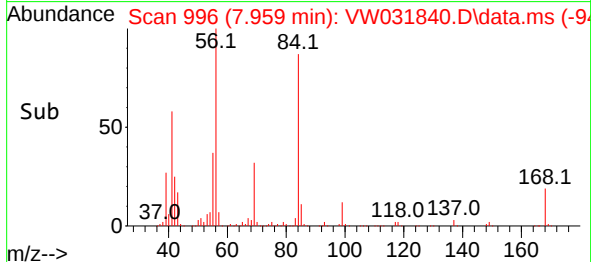
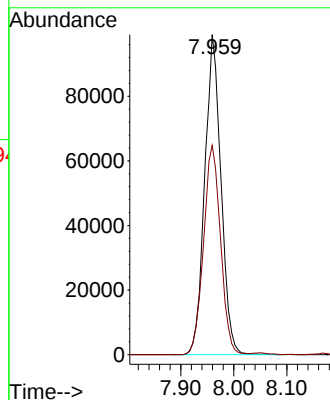
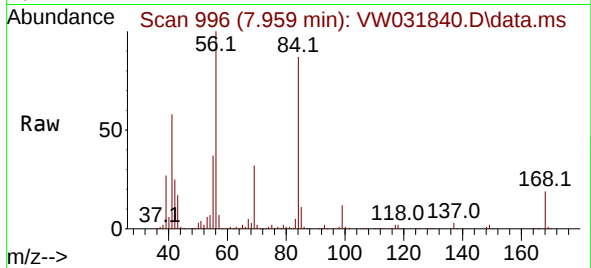




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

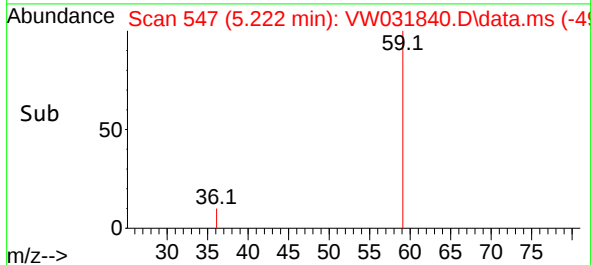
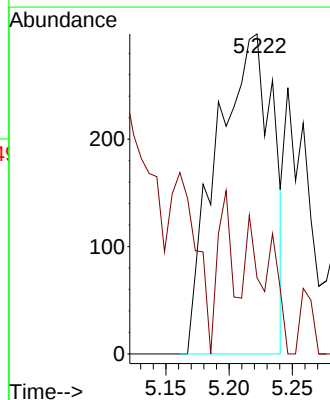
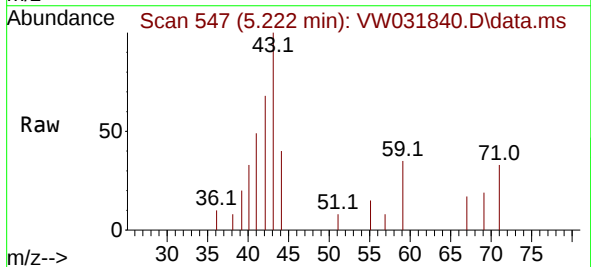
Instrument :
MSVOA_W
ClientSampleId :
GCAP2

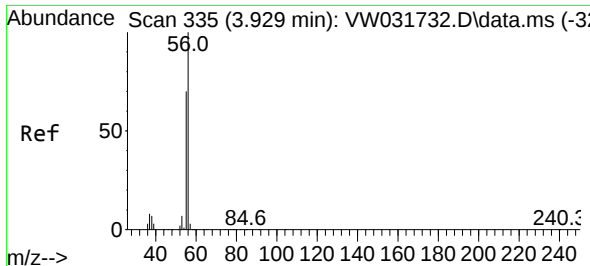
Tgt Ion:168 Resp: 210867
Ion Ratio Lower Upper
168 100
99 65.4 49.4 74.2



#11
Tert butyl alcohol
Concen: 4.886 ug/l
RT: 5.222 min Scan# 547
Delta R.T. 0.007 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion: 59 Resp: 916
Ion Ratio Lower Upper
59 100
57 0.0 9.5 14.3#

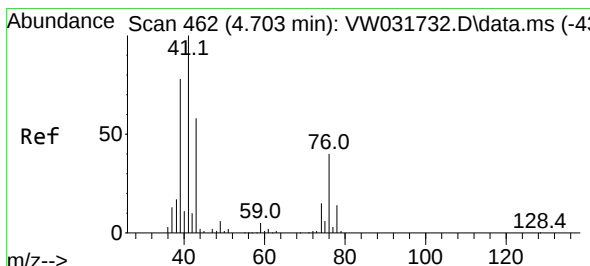
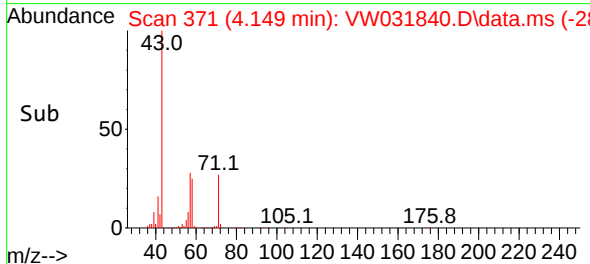
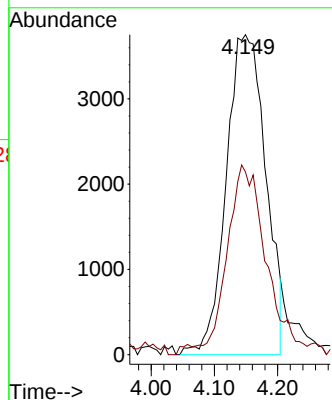
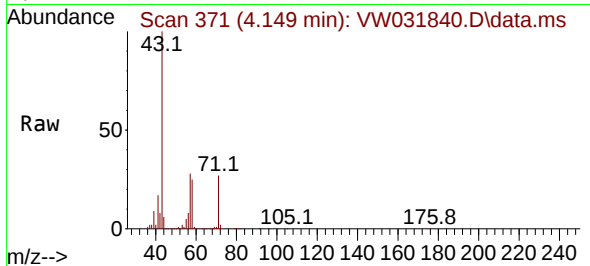




#13
Acrolein
Concen: 48.186 ug/l
RT: 4.149 min Scan# 31
Delta R.T. 0.220 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

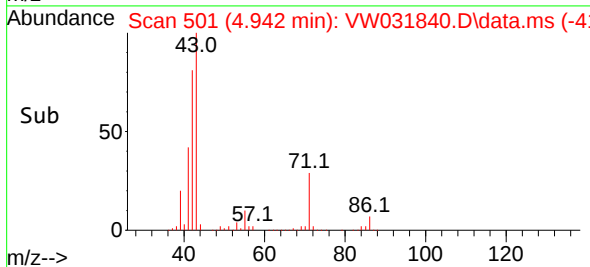
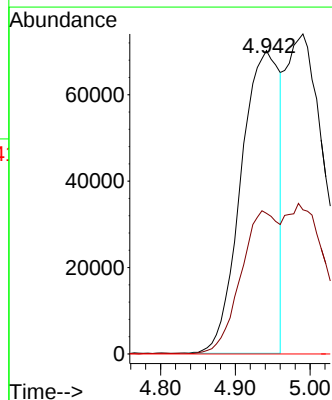
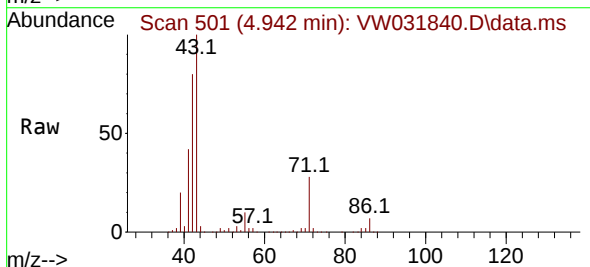
Instrument :
MSVOA_W
ClientSampleId :
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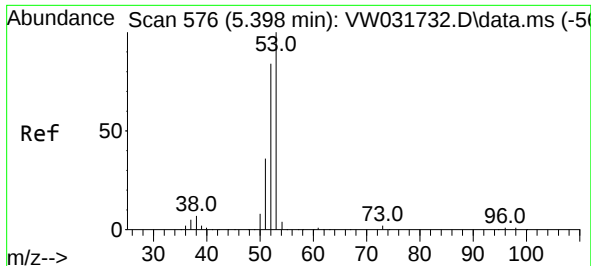
Tgt Ion: 56 Resp: 16237
Ion Ratio Lower Upper
56 100
55 49.4 54.0 81.0#



#14
Allyl chloride
Concen: 64.566 ug/l
RT: 4.942 min Scan# 501
Delta R.T. 0.238 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion: 41 Resp: 248909
Ion Ratio Lower Upper
41 100
39 46.5 60.7 91.1#
76 0.0 30.3 45.5#

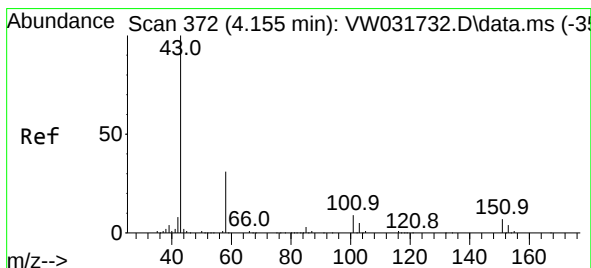
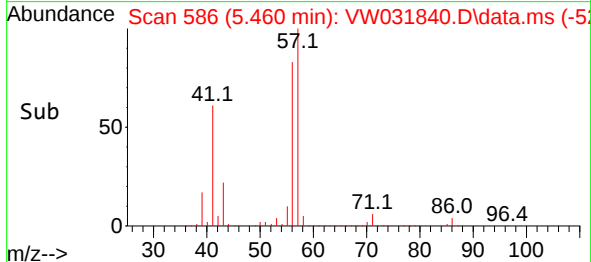
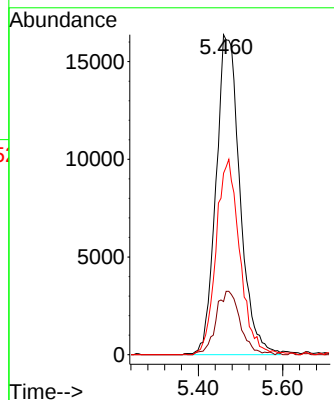
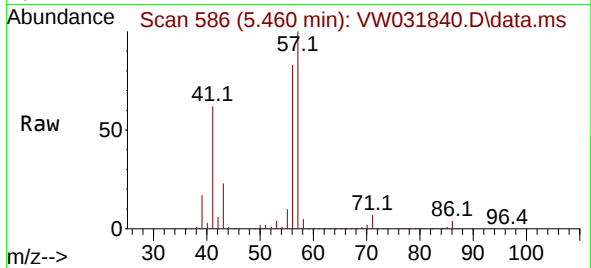




#15
Acrylonitrile
Concen: 83.339 ug/l
RT: 5.460 min Scan# 51
Delta R.T. 0.061 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

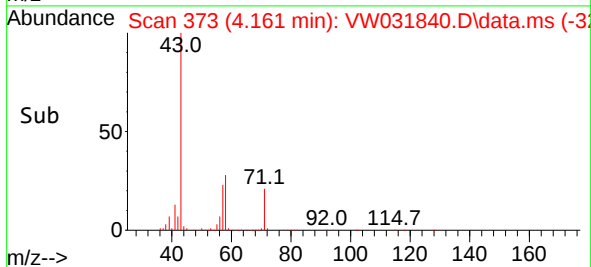
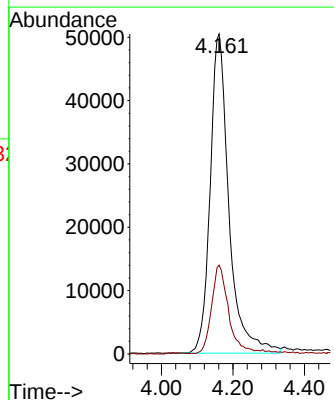
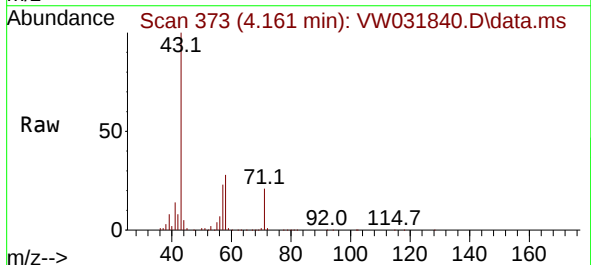
Instrument :
MSVOA_W
ClientSampleId :
GCAP2

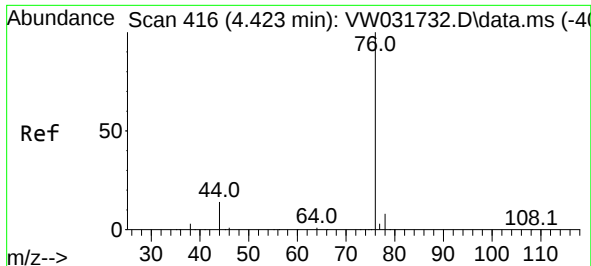
Tgt Ion: 53 Resp: 64359
Ion Ratio Lower Upper
53 100
52 20.1 66.4 99.6#
51 60.8 29.9 44.9#



#16
Acetone
Concen: 245.985 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.007 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion: 43 Resp: 183992
Ion Ratio Lower Upper
43 100
58 27.5 24.8 37.2

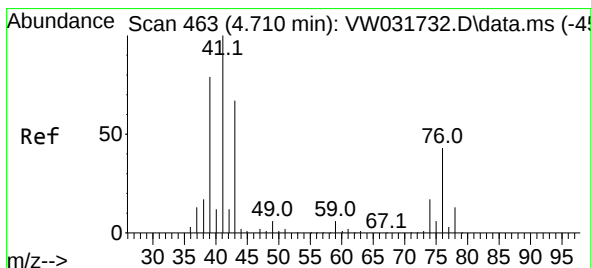
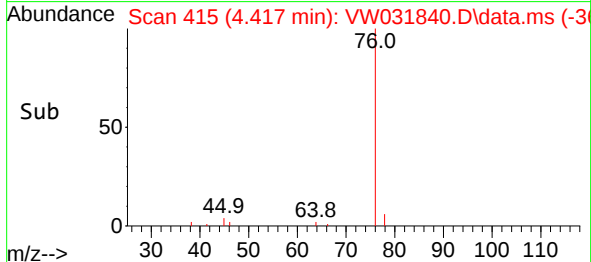
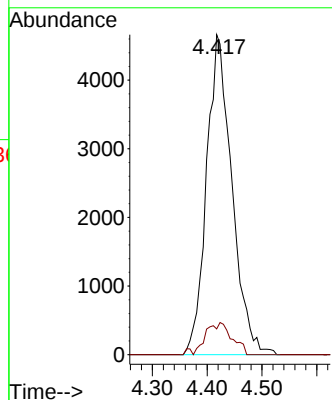
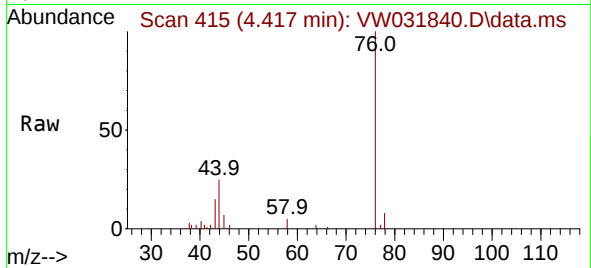




#17
Carbon Disulfide
Concen: 2.226 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

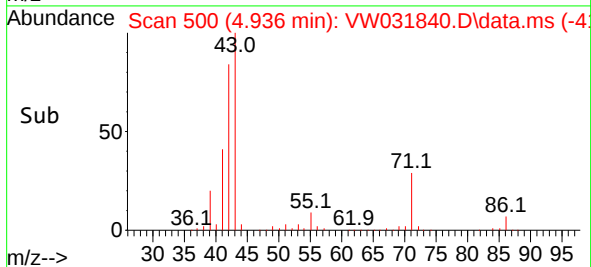
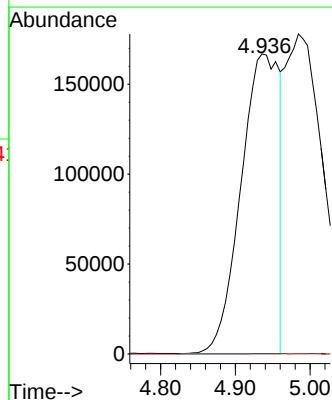
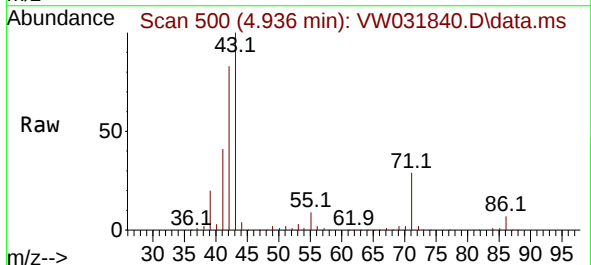
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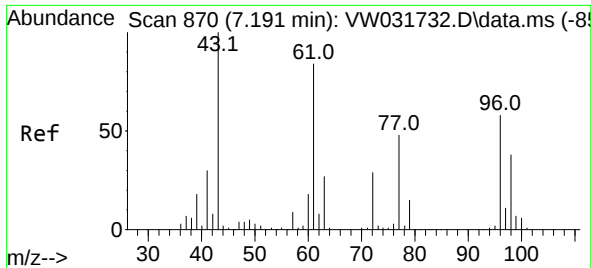
Tgt Ion: 76 Resp: 14969
Ion Ratio Lower Upper
76 100
78 8.0 6.6 10.0



#18
Methyl Acetate
Concen: 277.183 ug/l
RT: 4.936 min Scan# 500
Delta R.T. 0.226 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion: 43 Resp: 592538
Ion Ratio Lower Upper
43 100
74 0.0 20.6 30.8#

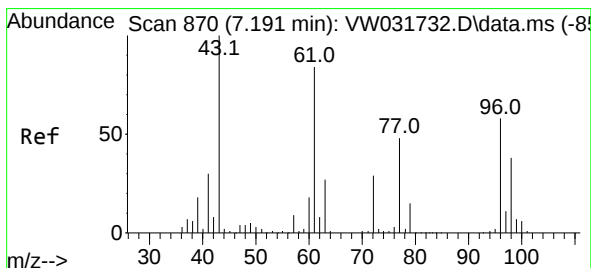
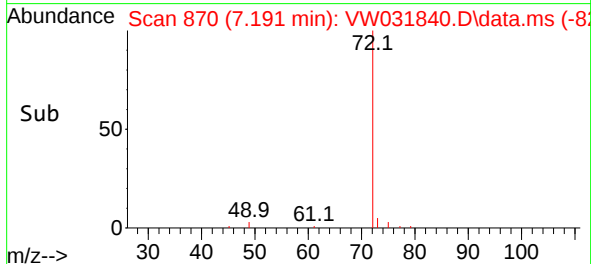
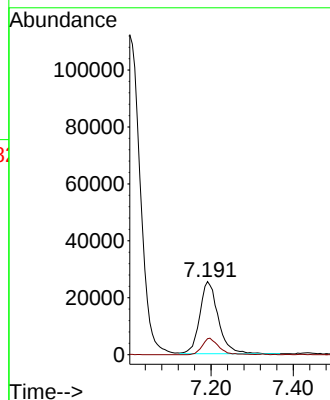
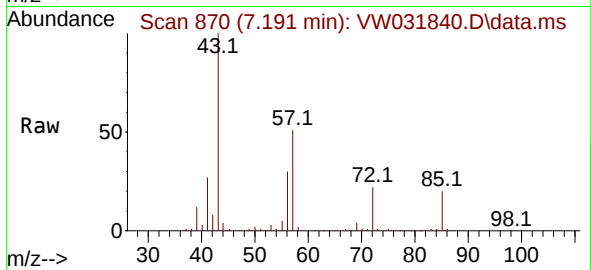




#25
2-Butanone
Concen: 81.491 ug/l
RT: 7.191 min Scan# 81
Delta R.T. 0.000 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

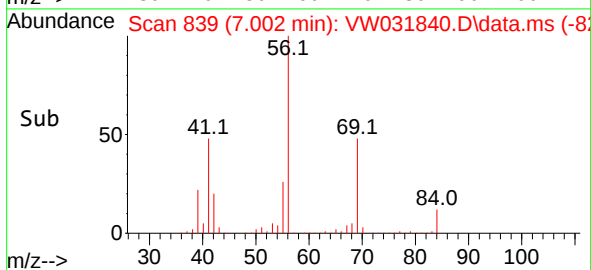
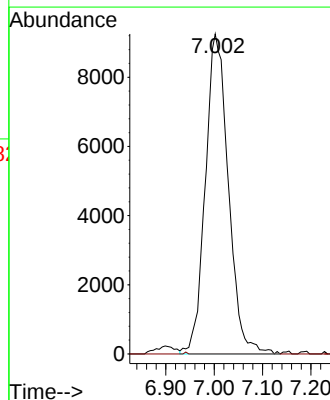
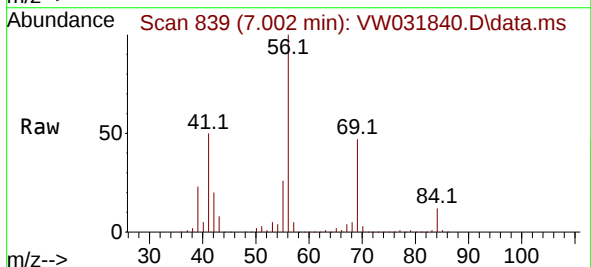
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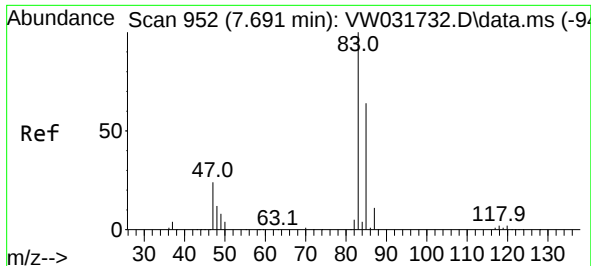
Tgt Ion: 43 Resp: 79299
Ion Ratio Lower Upper
43 100
72 22.1 23.0 34.6#



#26
2,2-Dichloropropane
Concen: 10.772 ug/l
RT: 7.002 min Scan# 839
Delta R.T. -0.189 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion: 77 Resp: 30637
Ion Ratio Lower Upper
77 100
97 0.0 11.6 34.7#

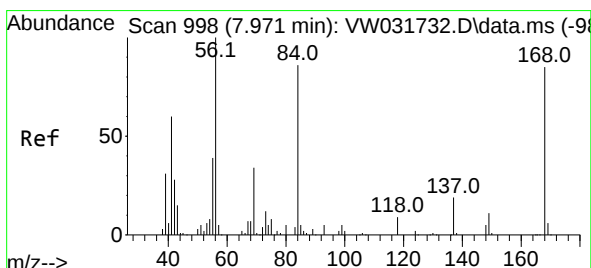
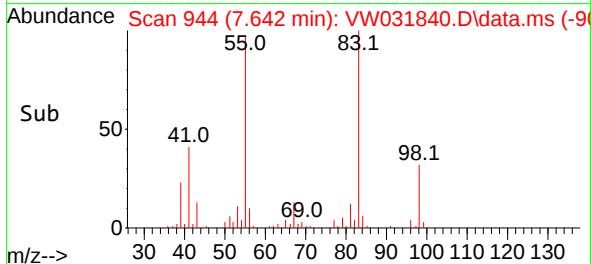
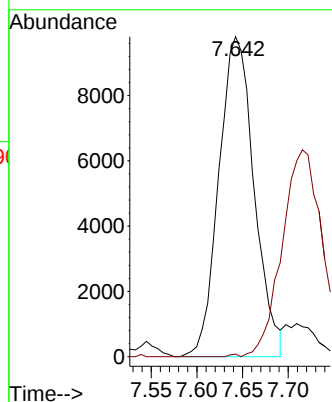
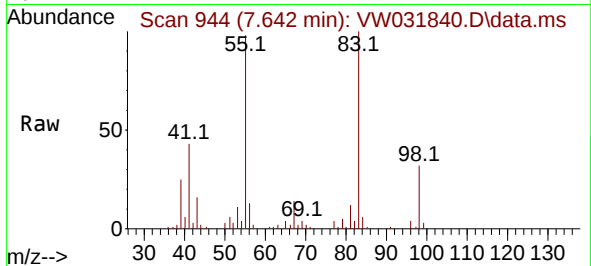




#30
Chloroform
Concen: 5.088 ug/l
RT: 7.642 min Scan# 944
Delta R.T. -0.048 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

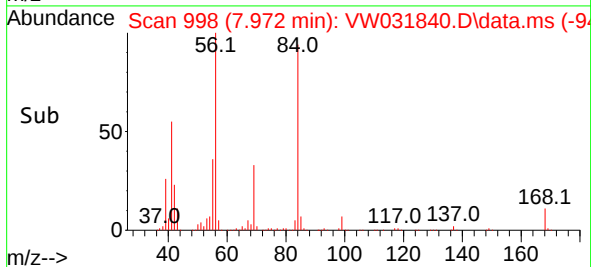
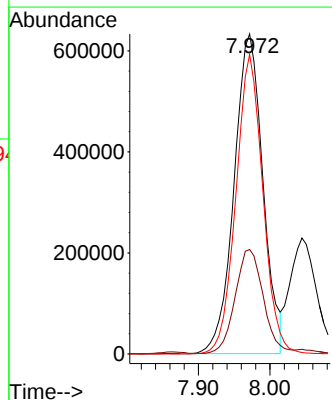
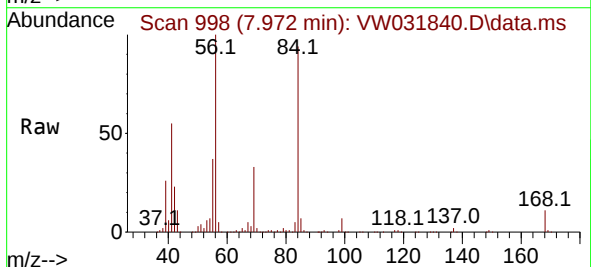
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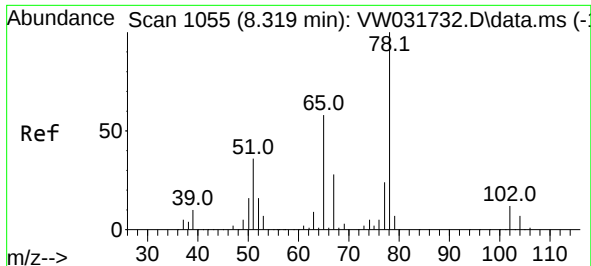
Tgt Ion: 83 Resp: 26355
Ion Ratio Lower Upper
83 100
85 0.8 51.4 77.0#



#31
Cyclohexane
Concen: 411.327 ug/l
RT: 7.972 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion: 56 Resp: 1772349
Ion Ratio Lower Upper
56 100
69 32.2 27.2 40.8
84 93.7 68.5 102.7

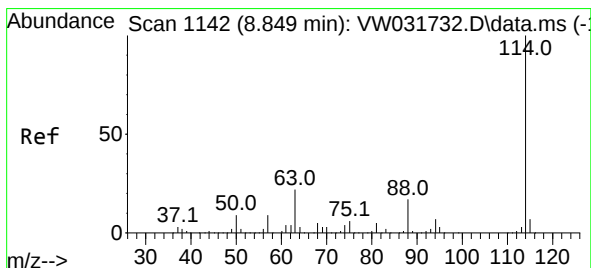
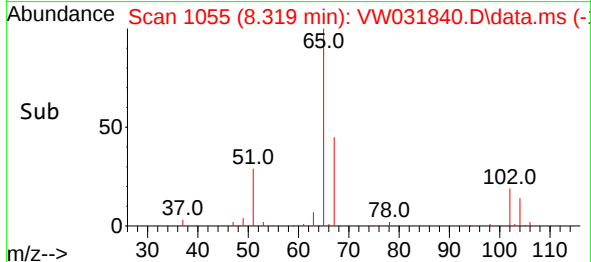
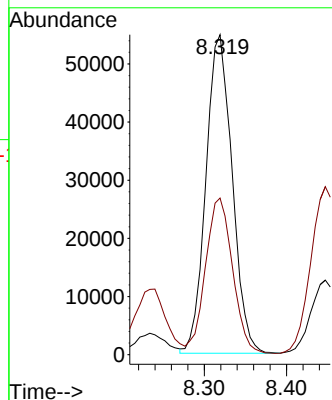
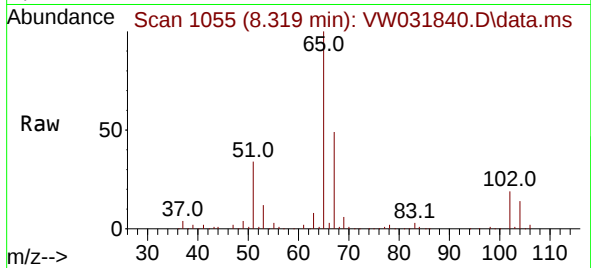




#33
 1,2-Dichloroethane-d4
 Concen: 40.155 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW031840.D
 Acq: 14 Jul 2025 11:16

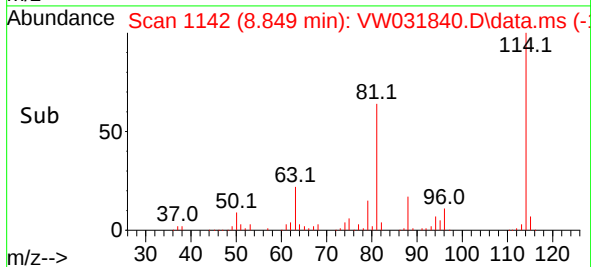
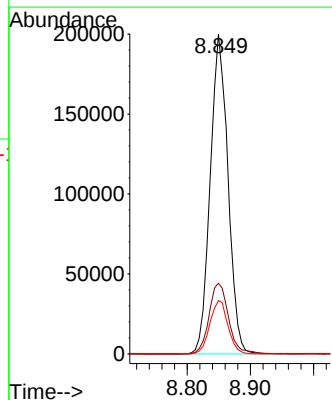
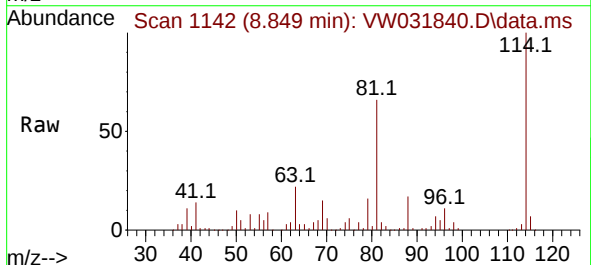
Instrument :
 MSVOA_W
 ClientSampleId :
 GCAP2

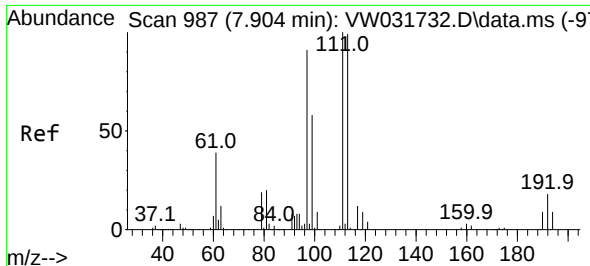
Tgt Ion: 65 Resp: 121517
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW031840.D
 Acq: 14 Jul 2025 11:16

Tgt Ion: 114 Resp: 390097
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 43.6
 88 16.7 0.0 34.2



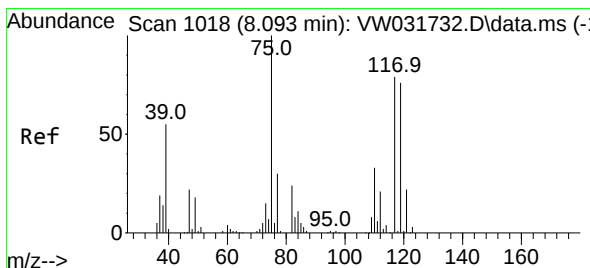
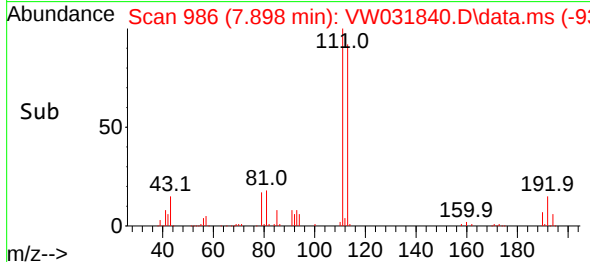
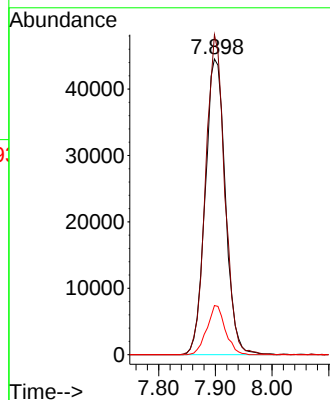
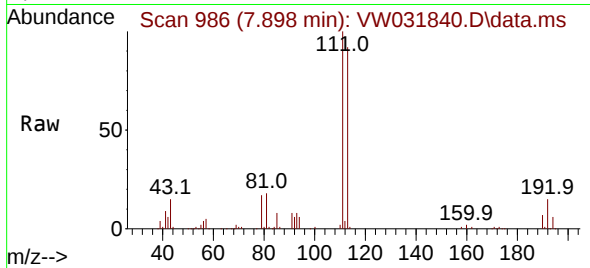


#35
 Dibromofluoromethane
 Concen: 43.171 ug/l
 RT: 7.898 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VW031840.D
 Acq: 14 Jul 2025 11:16

Instrument :
 MSVOA_W
 ClientSampleId :
 GCAP2

Tgt Ion:113 Resp: 109893

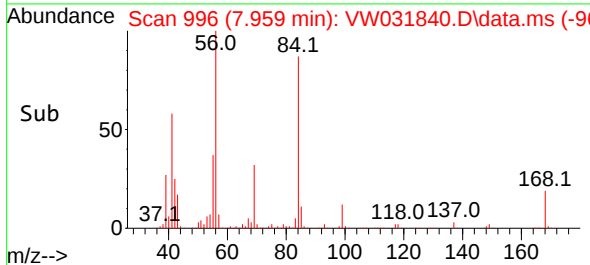
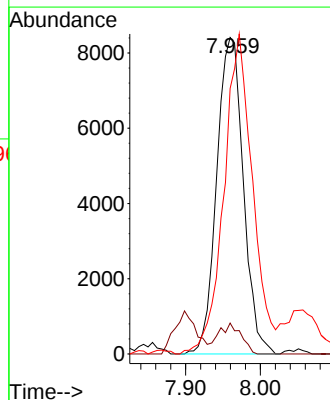
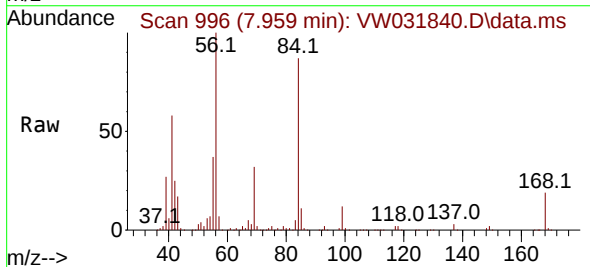
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.1	123.1
192	15.2	13.8	20.6

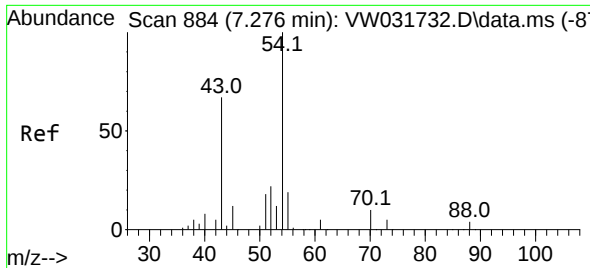


#36
 1,1-Dichloropropene
 Concen: 5.648 ug/l
 RT: 7.959 min Scan# 996
 Delta R.T. -0.134 min
 Lab File: VW031840.D
 Acq: 14 Jul 2025 11:16

Tgt Ion: 75 Resp: 20803

Ion	Ratio	Lower	Upper
75	100		
110	8.4	16.8	50.4#
77	108.9	25.0	37.6#

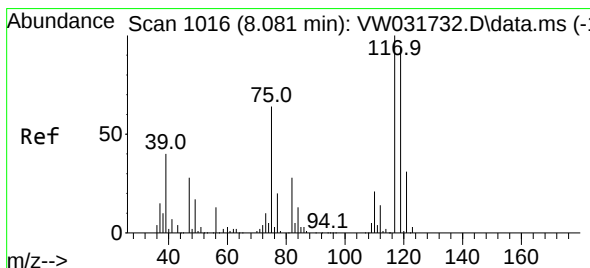
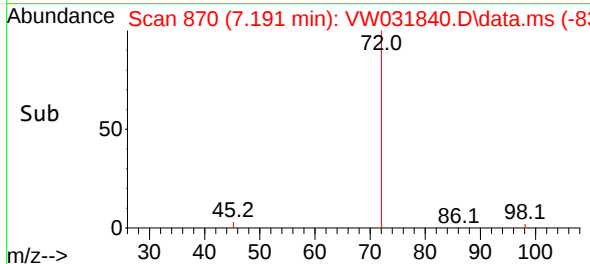
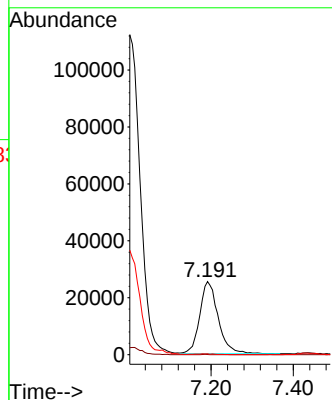
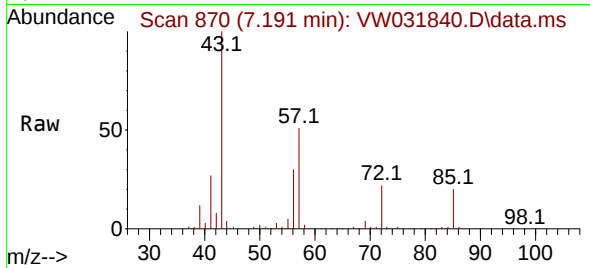




#37
Ethyl Acetate
Concen: 34.127 ug/l
RT: 7.191 min Scan# 81
Delta R.T. -0.085 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

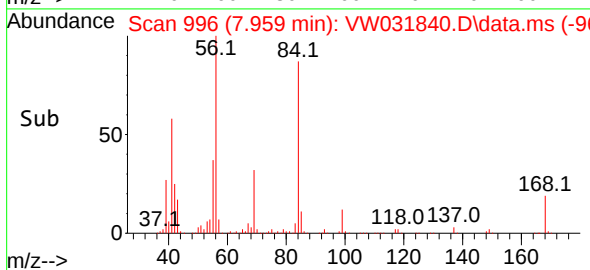
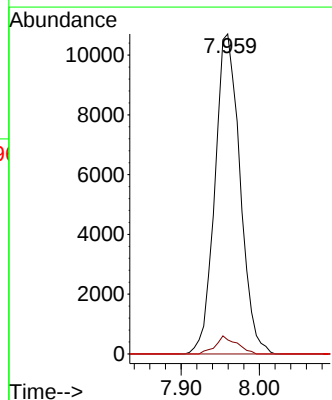
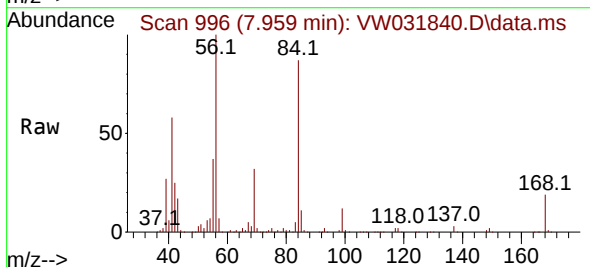
Instrument :
MSVOA_W
ClientSampleId :
GCAP2

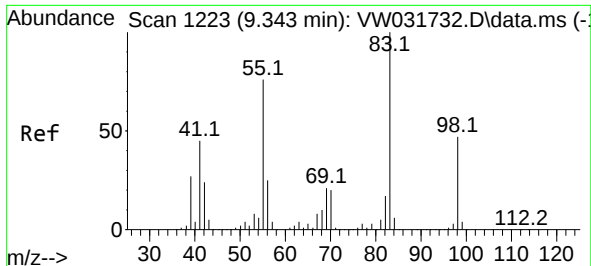
Tgt Ion: 43 Resp: 79299
Ion Ratio Lower Upper
43 100
61 0.0 10.9 16.3#
70 0.0 9.2 13.8#



#38
Carbon Tetrachloride
Concen: 6.359 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.122 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion: 117 Resp: 23868
Ion Ratio Lower Upper
117 100
119 4.4 75.0 112.6#
121 0.0 24.6 37.0#





#39

Methylcyclohexane

Concen: 678.321 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031840.D

Acq: 14 Jul 2025 11:16

Instrument :

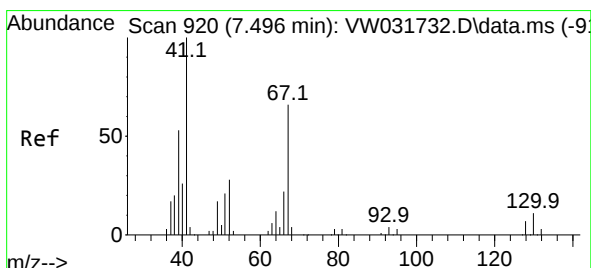
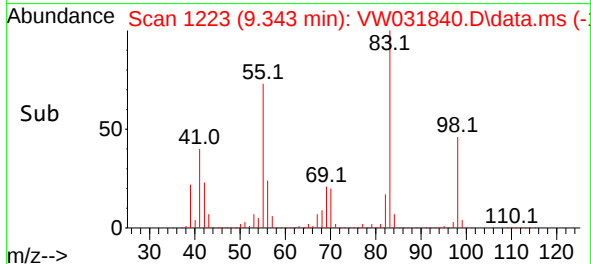
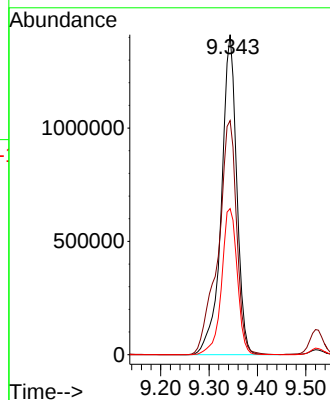
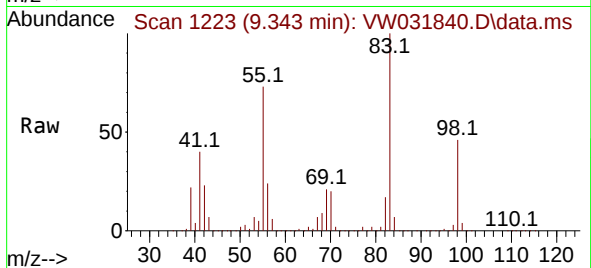
MSVOA_W

ClientSampleId :

GCAP2

Tgt Ion: 83 Resp: 3108704

Ion	Ratio	Lower	Upper
83	100		
55	73.1	61.0	91.4
98	45.6	37.9	56.9



#41

Methacrylonitrile

Concen: 4.085 ug/l

RT: 7.539 min Scan# 927

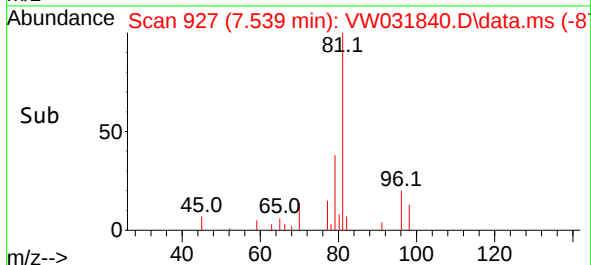
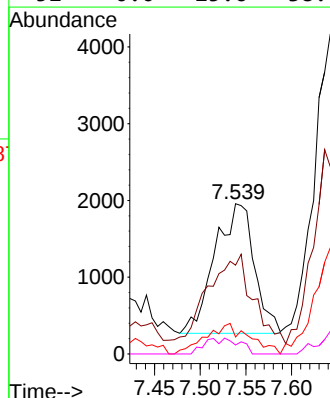
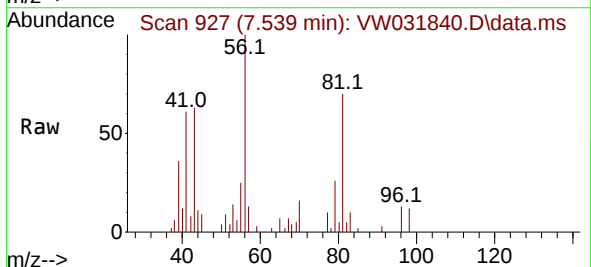
Delta R.T. 0.043 min

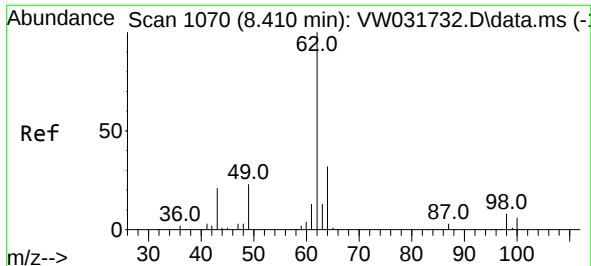
Lab File: VW031840.D

Acq: 14 Jul 2025 11:16

Tgt Ion: 41 Resp: 5085

Ion	Ratio	Lower	Upper
41	100		
39	77.4	43.2	64.8#
67	0.0	58.1	87.1#
52	0.0	25.6	38.4#





#42

1,2-Dichloroethane

Concen: 1.939 ug/l

RT: 8.447 min Scan# 1076

Delta R.T. 0.037 min

Lab File: VW031840.D

Acq: 14 Jul 2025 11:16

Instrument :

MSVOA_W

ClientSampleId :

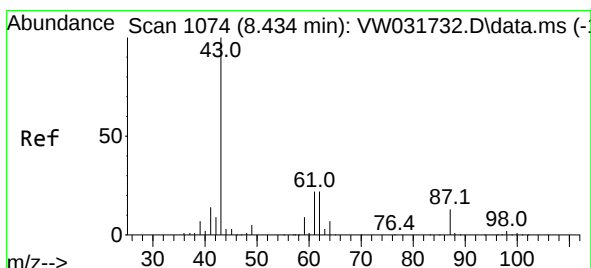
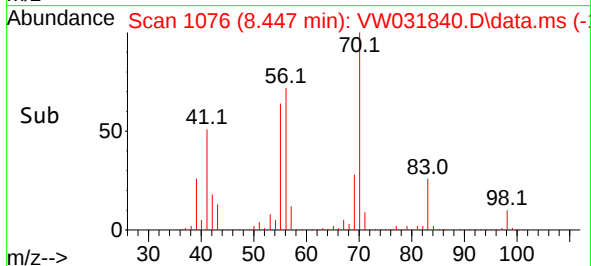
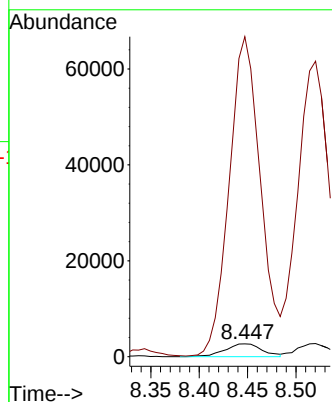
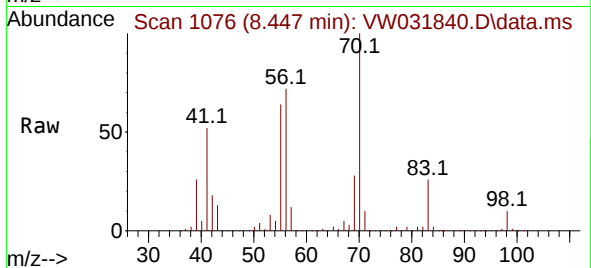
GCAP2

Tgt Ion: 62 Resp: 7139

Ion Ratio Lower Upper

62 100

98 2103.9 0.0 17.2#



#43

Isopropyl Acetate

Concen: 75.998 ug/l

RT: 8.435 min Scan# 1074

Delta R.T. 0.000 min

Lab File: VW031840.D

Acq: 14 Jul 2025 11:16

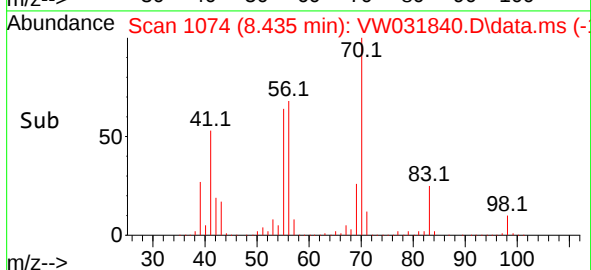
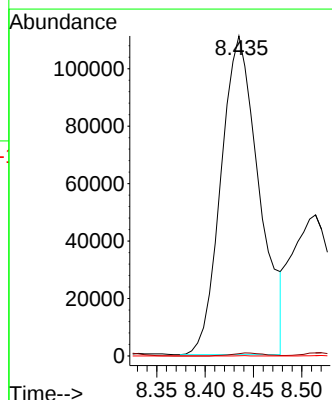
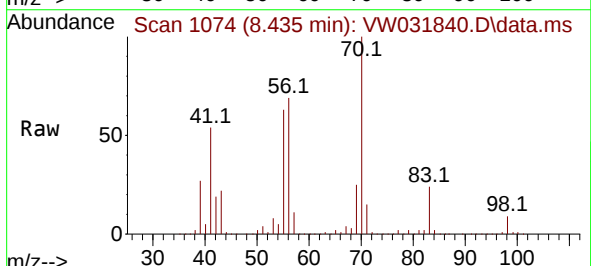
Tgt Ion: 43 Resp: 304409

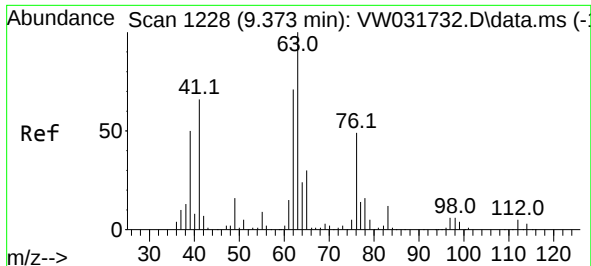
Ion Ratio Lower Upper

43 100

61 0.8 23.1 34.7#

87 0.0 10.8 16.2#

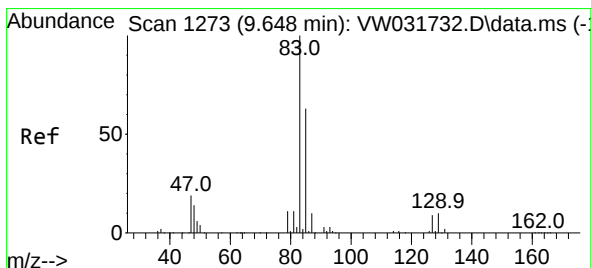
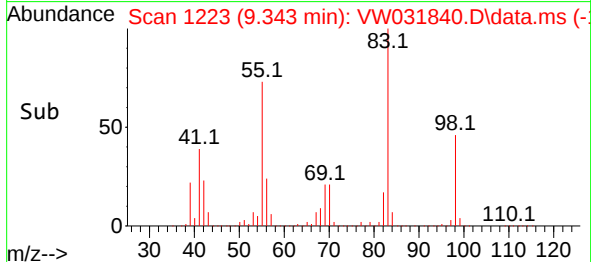
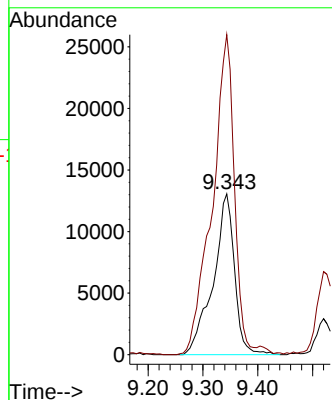
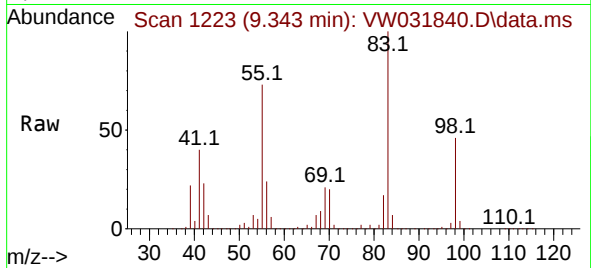




#45
1,2-Dichloropropane
Concen: 13.454 ug/l
RT: 9.343 min Scan# 1223
Delta R.T. -0.030 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

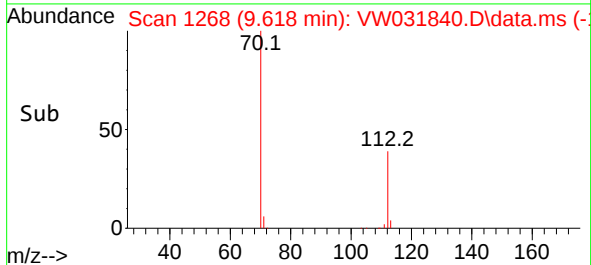
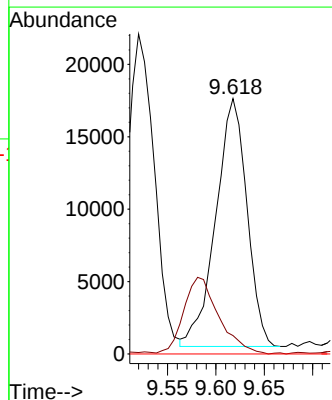
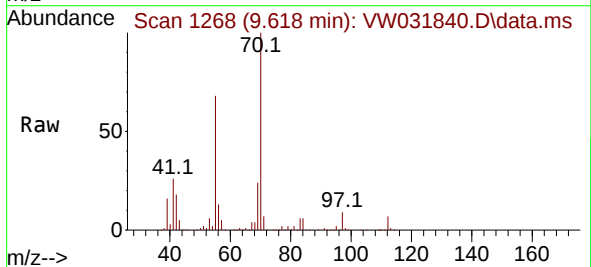
Instrument :
MSVOA_W
ClientSampleId :
GCAP2

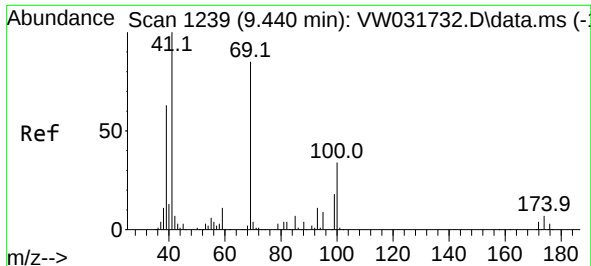
Tgt Ion: 63 Resp: 35436
Ion Ratio Lower Upper
63 100
65 198.4 24.2 36.4#



#47
Bromodichloromethane
Concen: 9.611 ug/l
RT: 9.618 min Scan# 1268
Delta R.T. -0.030 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion: 83 Resp: 38326
Ion Ratio Lower Upper
83 100
85 7.0 50.8 76.2#
127 0.0 6.8 10.2#

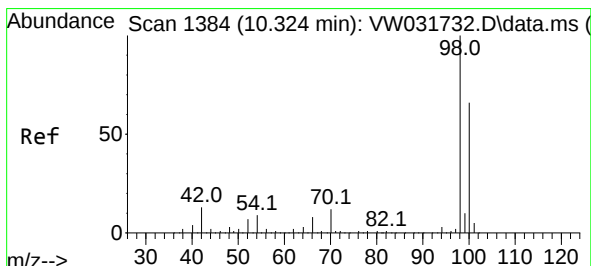
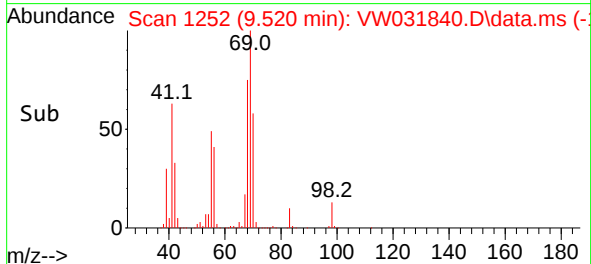
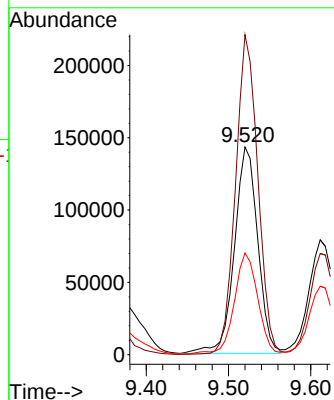
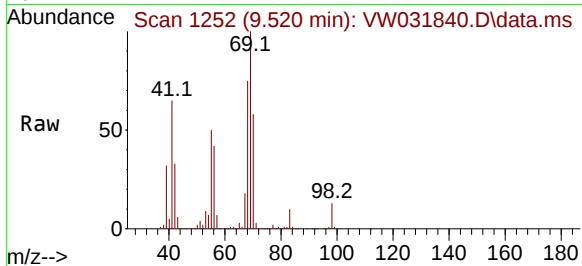




#48
Methyl methacrylate
Concen: 142.972 ug/l
RT: 9.520 min Scan# 1252
Delta R.T. 0.080 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

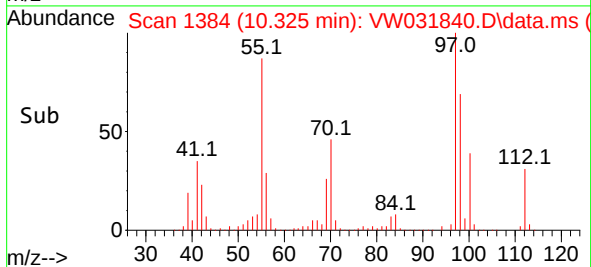
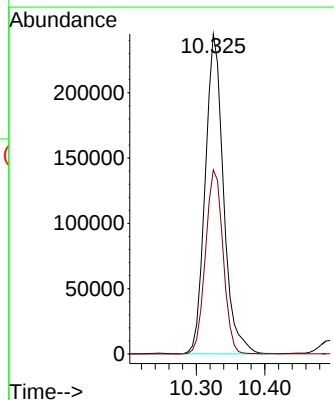
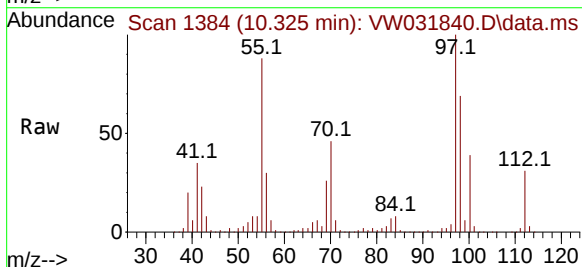
Instrument :
MSVOA_W
ClientSampleId :
GCAP2

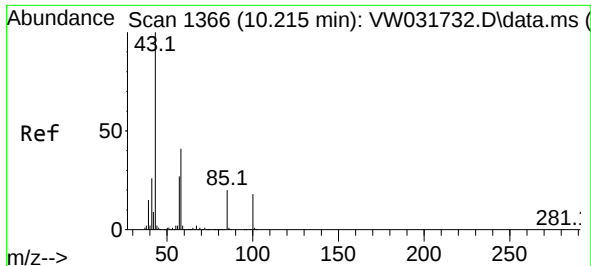
Tgt Ion: 41 Resp: 281585
Ion Ratio Lower Upper
41 100
69 147.6 71.6 107.4#
39 48.7 49.5 74.3#



#50
Toluene-d8
Concen: 48.011 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion: 98 Resp: 454812
Ion Ratio Lower Upper
98 100
100 55.2 53.0 79.4

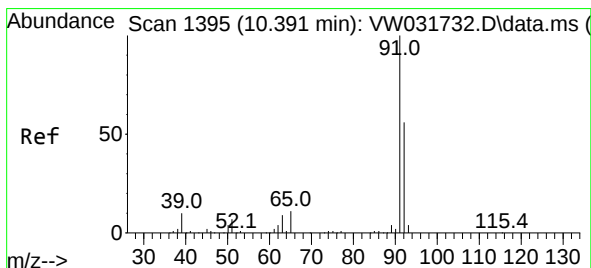
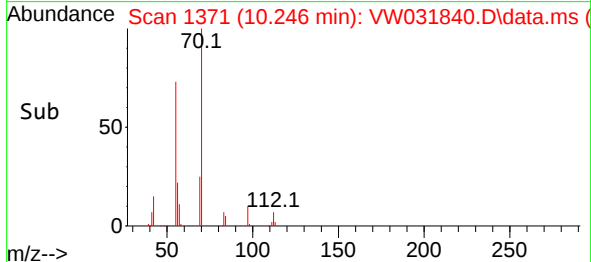
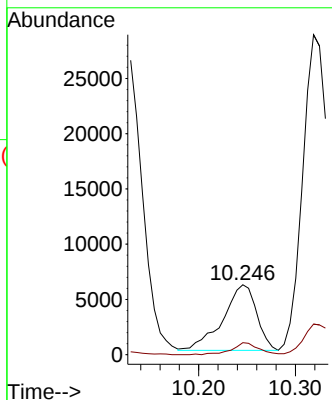
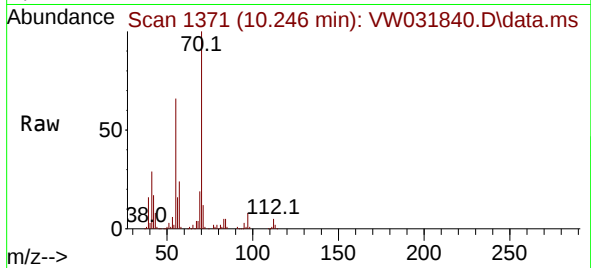




#51
4-Methyl-2-Pentanone
Concen: 6.242 ug/l
RT: 10.246 min Scan# 1371
Delta R.T. 0.031 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

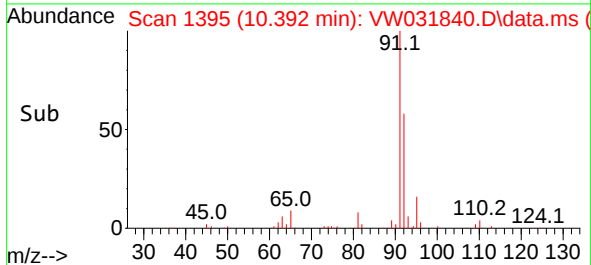
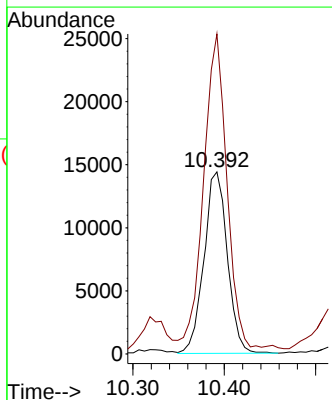
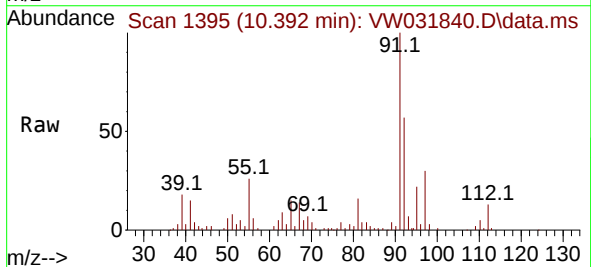
Instrument :
MSVOA_W
ClientSampleId :
GCAP2

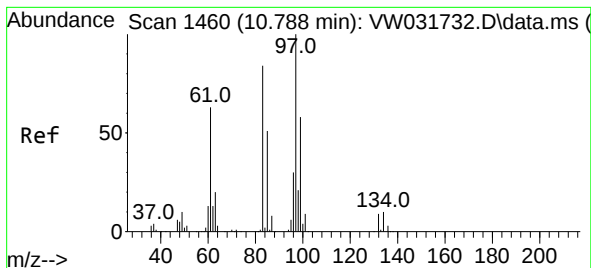
Tgt Ion: 43 Resp: 14374
Ion Ratio Lower Upper
43 100
58 14.4 32.2 48.2#



#52
Toluene
Concen: 3.660 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion: 92 Resp: 25535
Ion Ratio Lower Upper
92 100
91 170.3 139.5 209.3

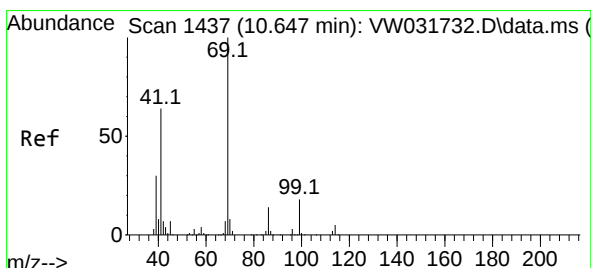
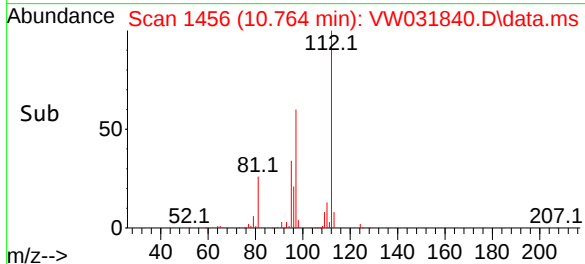
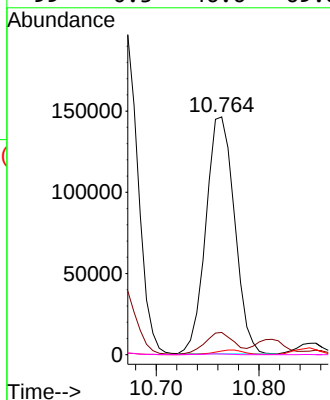
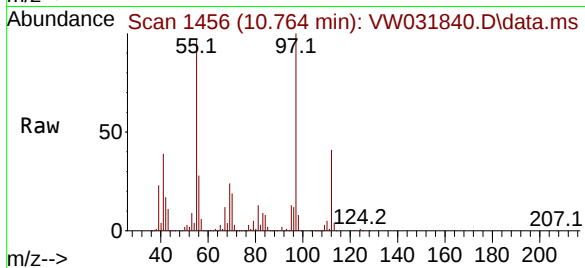




#55
1,1,2-Trichloroethane
Concen: 126.853 ug/l
RT: 10.764 min Scan# 1456
Delta R.T. -0.024 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

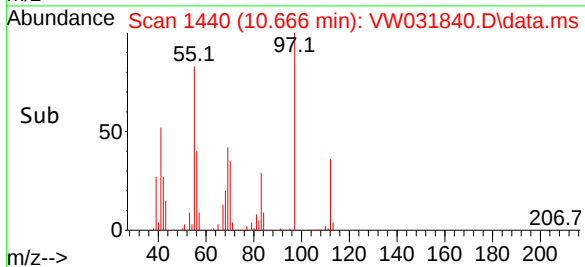
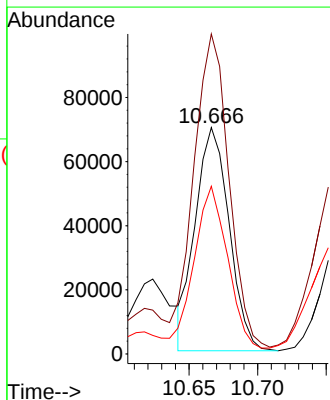
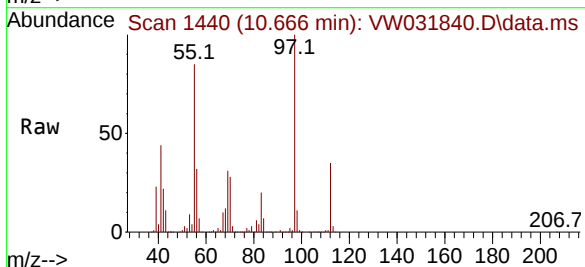
Instrument :
MSVOA_W
ClientSampleId :
GCAP2

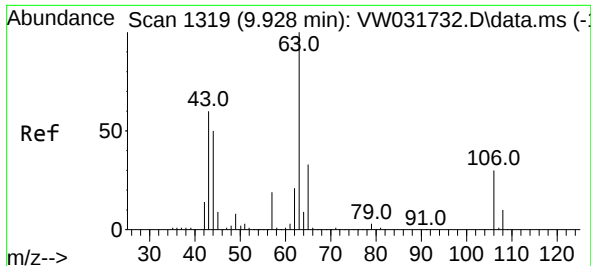
Tgt Ion: 97 Resp: 282563
Ion Ratio Lower Upper
97 100
83 9.2 66.9 100.3#
85 1.5 41.1 61.7#
99 0.3 46.6 69.8#



#56
Ethyl methacrylate
Concen: 39.782 ug/l
RT: 10.666 min Scan# 1440
Delta R.T. 0.019 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion: 69 Resp: 120220
Ion Ratio Lower Upper
69 100
41 145.3 53.3 79.9#
39 72.5 30.2 45.2#

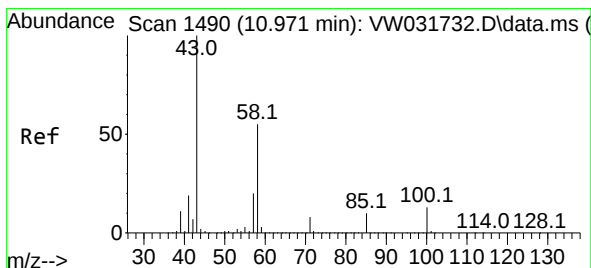
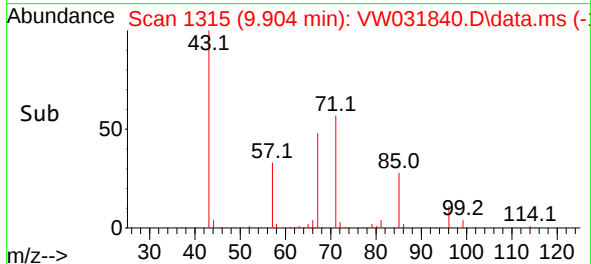
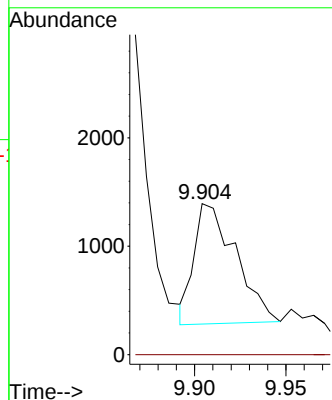
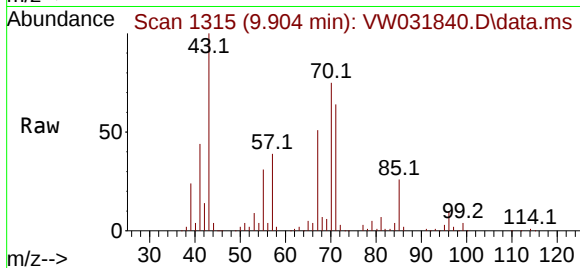




#58
2-Chloroethyl Vinyl ether
Concen: 1.055 ug/l
RT: 9.904 min Scan# 111
Delta R.T. -0.024 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

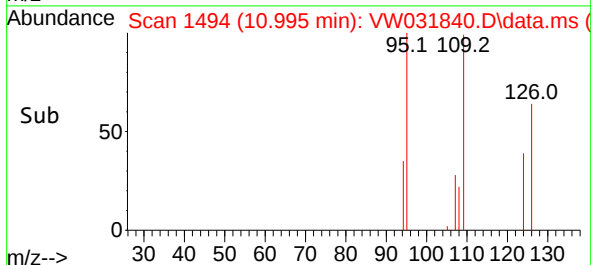
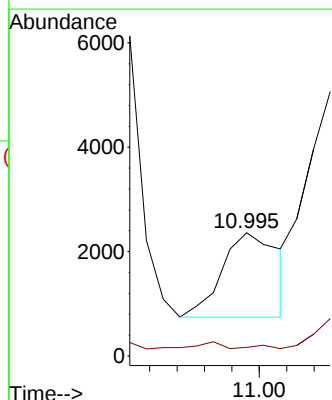
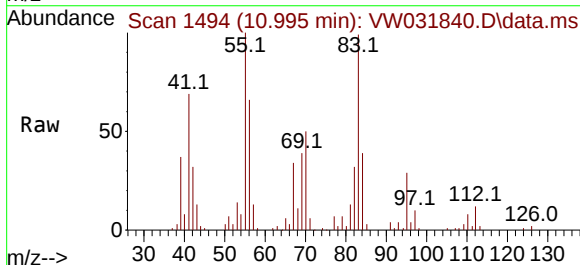
Instrument :
MSVOA_W
ClientSampleId :
GCAP2

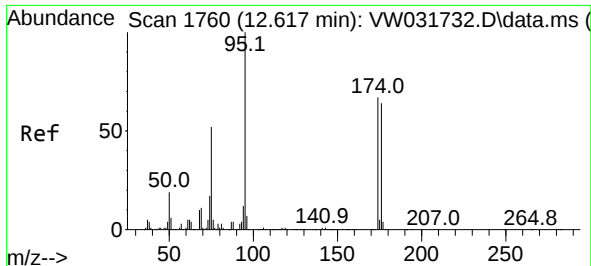
Tgt Ion: 63 Resp: 1756
Ion Ratio Lower Upper
63 100
106 0.0 24.1 36.1#



#59
2-Hexanone
Concen: 1.475 ug/l
RT: 10.995 min Scan# 1494
Delta R.T. 0.025 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion: 43 Resp: 2302
Ion Ratio Lower Upper
43 100
58 2.3 27.9 83.6#

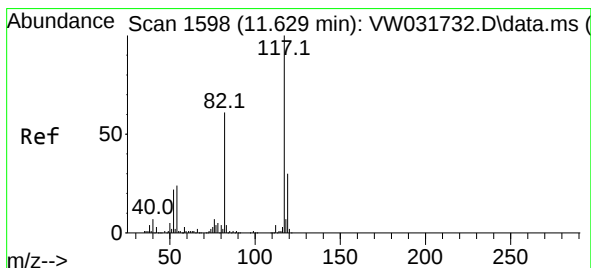
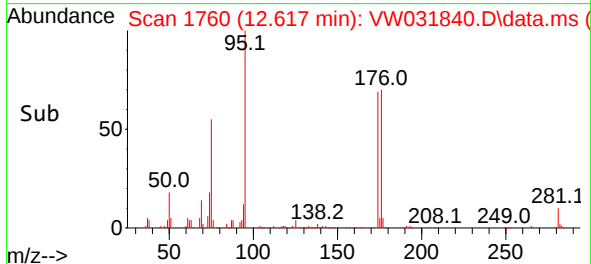
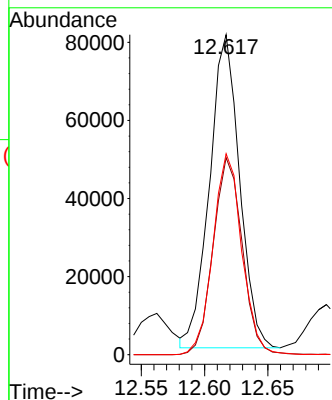
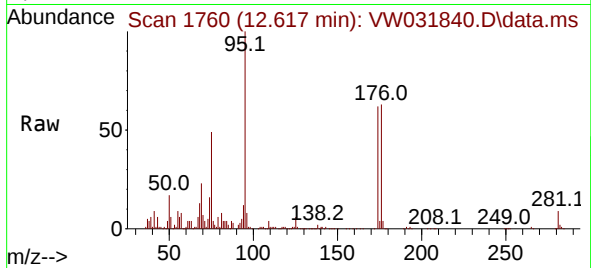




#62
4-Bromofluorobenzene
Concen: 38.022 ug/l
RT: 12.617 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

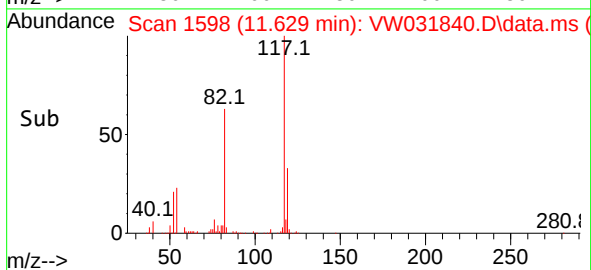
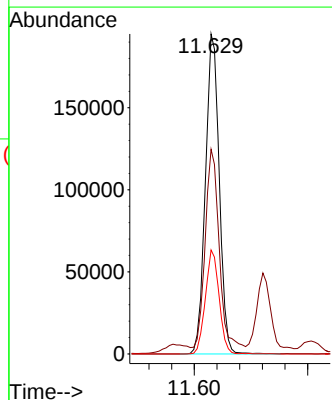
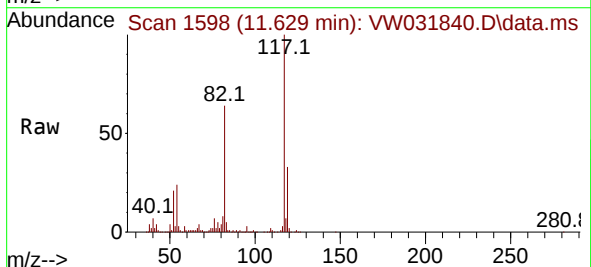
Instrument :
MSVOA_W
ClientSampleId :
GCAP2

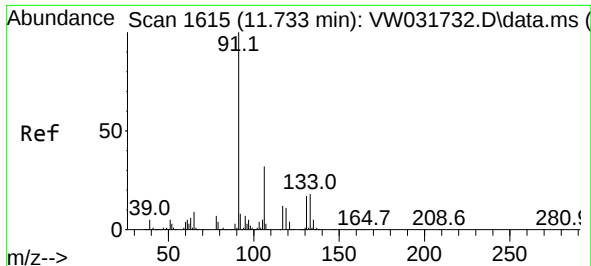
Tgt Ion: 95 Resp: 132548
Ion Ratio Lower Upper
95 100
174 61.0 0.0 133.8
176 61.5 0.0 126.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion: 117 Resp: 330238
Ion Ratio Lower Upper
117 100
82 61.6 48.6 72.8
119 32.5 23.9 35.9





#67

Ethyl Benzene

Concen: 1.390 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.000 min

Lab File: VW031840.D

Acq: 14 Jul 2025 11:16

Instrument :

MSVOA_W

ClientSampleId :

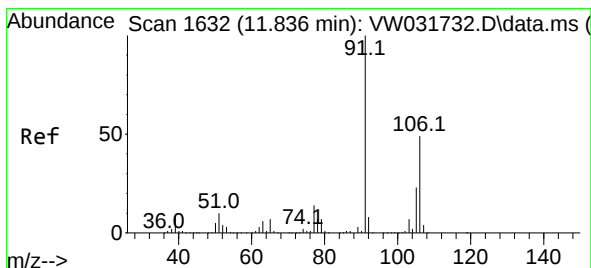
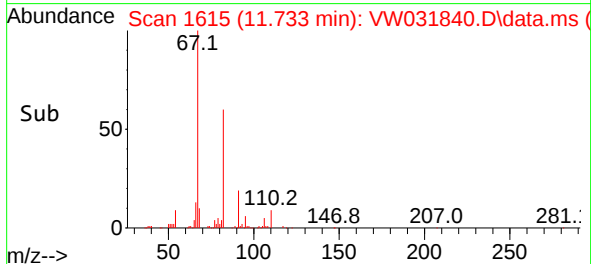
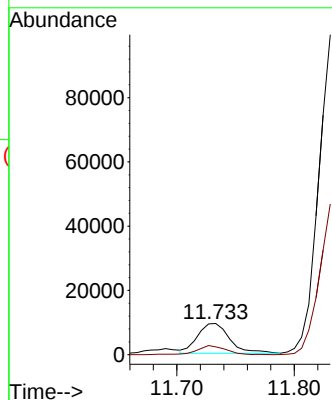
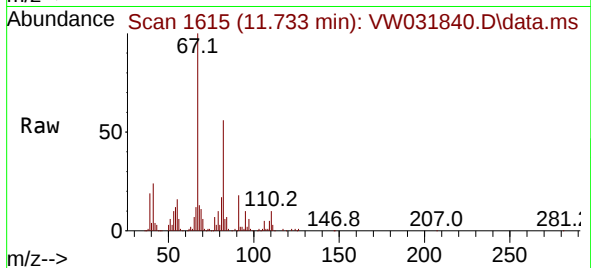
GCAP2

Tgt Ion: 91 Resp: 17565

Ion Ratio Lower Upper

91 100

106 25.4 25.4 38.2



#68

m/p-Xylenes

Concen: 20.396 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW031840.D

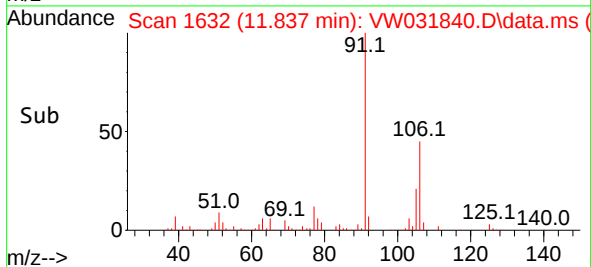
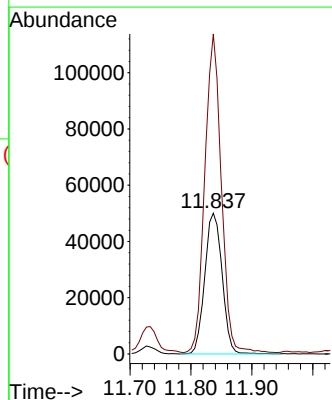
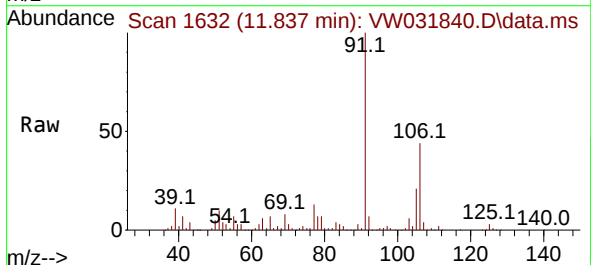
Acq: 14 Jul 2025 11:16

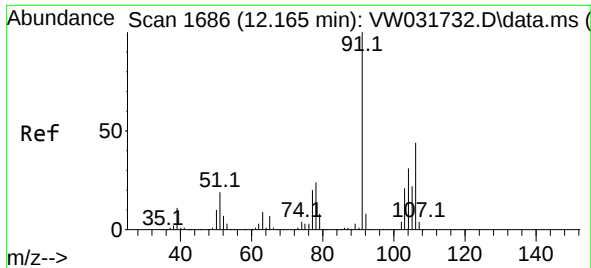
Tgt Ion:106 Resp: 99062

Ion Ratio Lower Upper

106 100

91 215.0 166.4 249.6

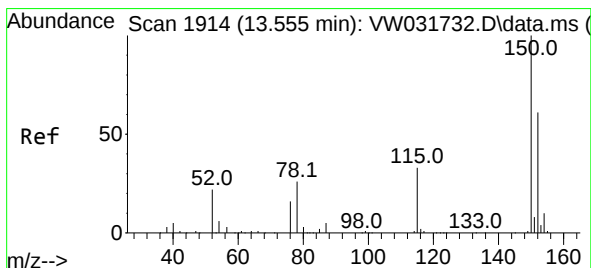
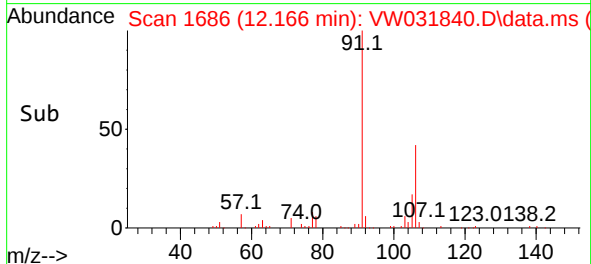
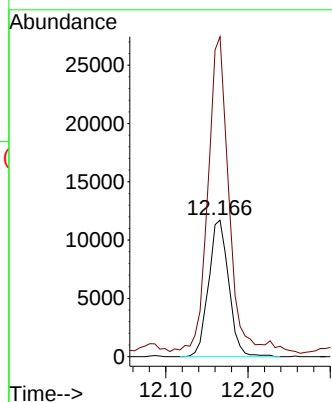
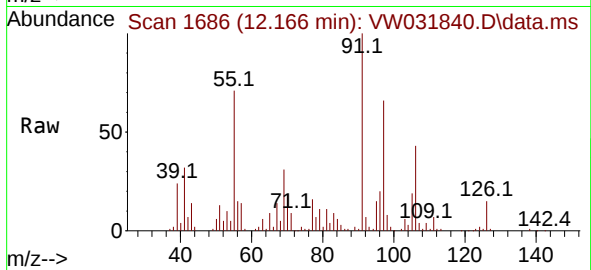




#69
o-Xylene
Concen: 4.431 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

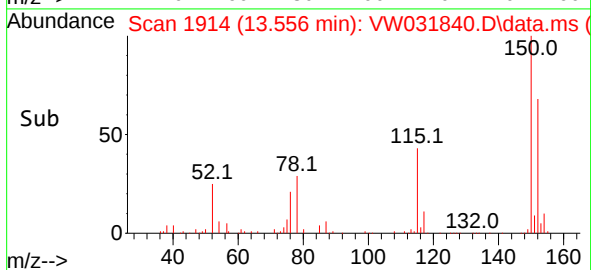
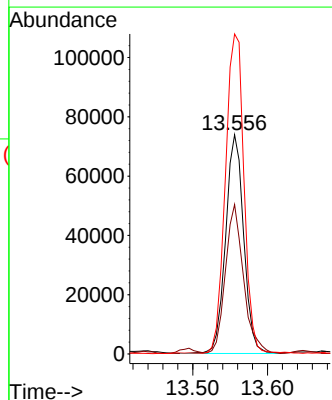
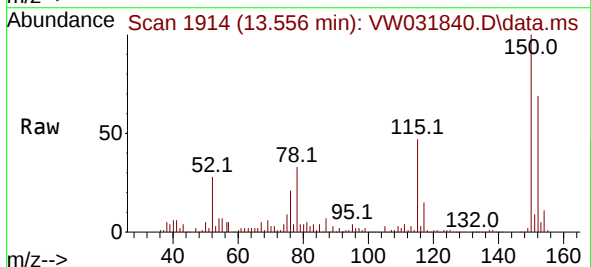
Instrument :
MSVOA_W
ClientSampleId :
GCAP2

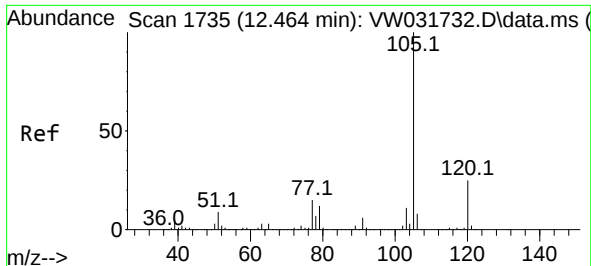
Tgt Ion:106 Resp: 19927
Ion Ratio Lower Upper
106 100
91 235.1 111.5 334.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion:152 Resp: 124443
Ion Ratio Lower Upper
152 100
115 68.3 31.9 95.7
150 150.0 0.0 356.4

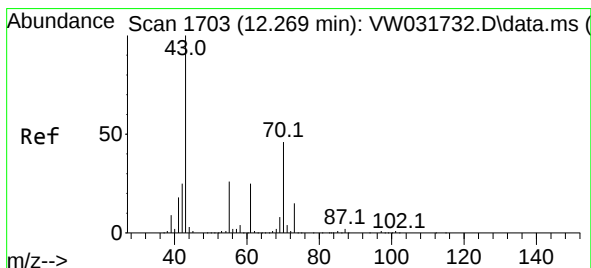
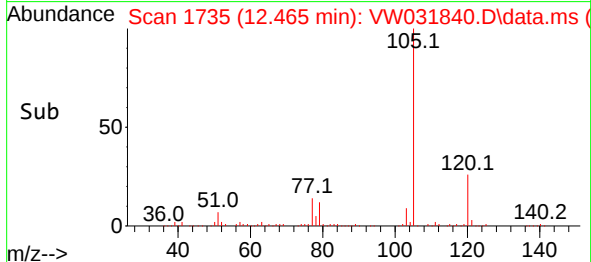
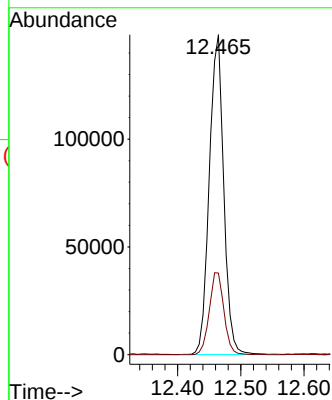
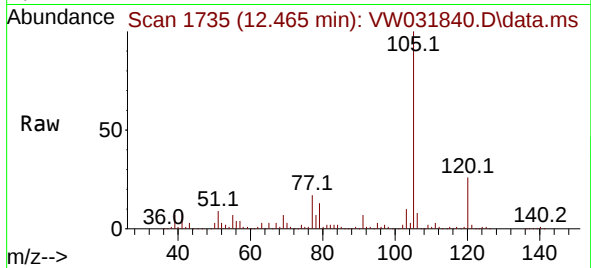




#73
Isopropylbenzene
Concen: 24.857 ug/l
RT: 12.465 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

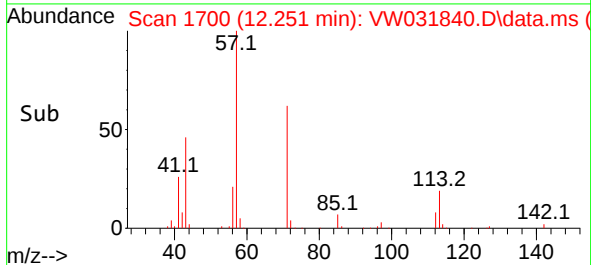
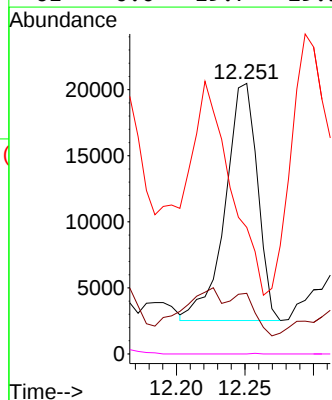
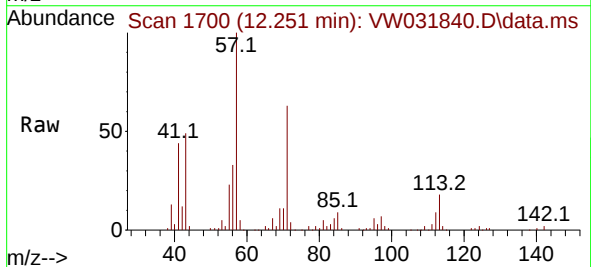
Instrument :
MSVOA_W
ClientSampleId :
GCAP2

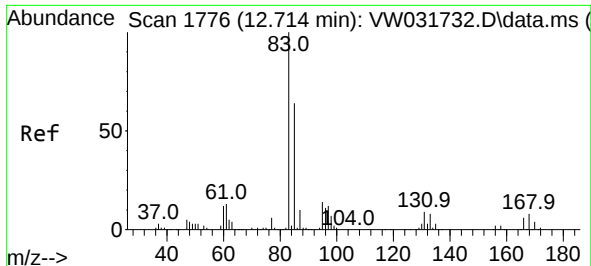
Tgt Ion:105 Resp: 235287
Ion Ratio Lower Upper
105 100
120 26.1 12.8 38.4



#74
N-ethyl acetate
Concen: 11.526 ug/l
RT: 12.251 min Scan# 1700
Delta R.T. -0.018 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion: 43 Resp: 29408
Ion Ratio Lower Upper
43 100
70 0.0 36.0 54.0#
55 0.0 20.8 31.2#
61 0.0 19.7 29.5#

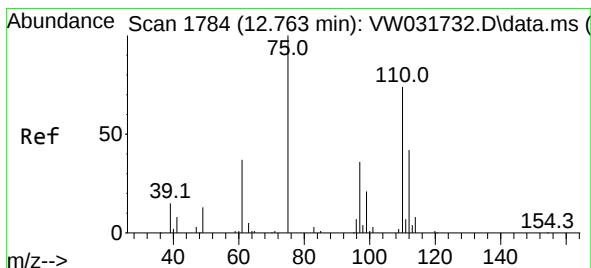
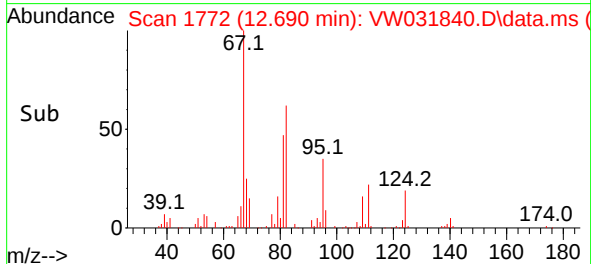
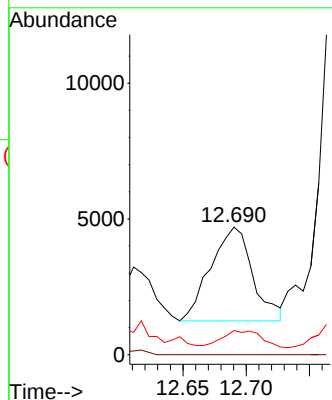
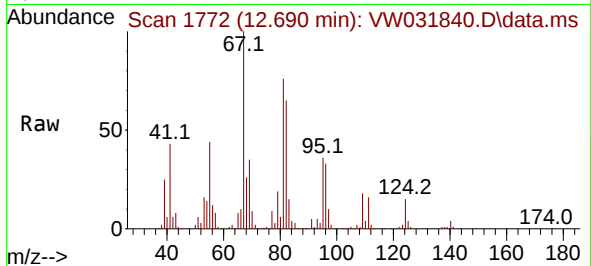




#75
1,1,2,2-Tetrachloroethane
Concen: 3.810 ug/l
RT: 12.690 min Scan# 1772
Delta R.T. -0.024 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

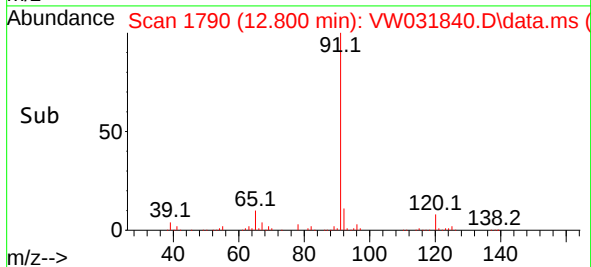
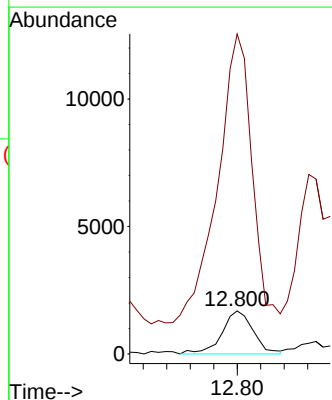
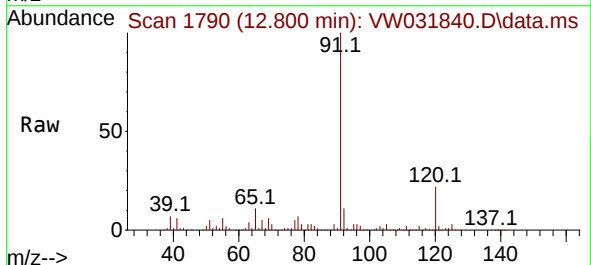
Instrument :
MSVOA_W
ClientSampleId :
GCAP2

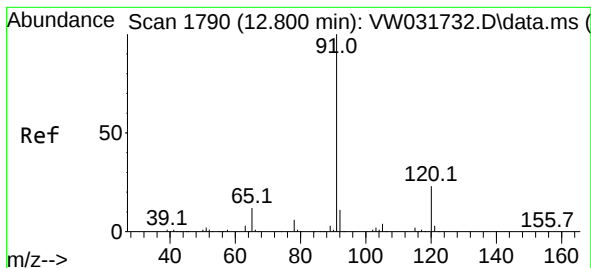
Tgt Ion: 83 Resp: 8007
Ion Ratio Lower Upper
83 100
131 0.0 5.3 16.1#
85 16.7 32.0 96.2#



#76
1,2,3-Trichloropropane
Concen: 1.939 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.037 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion: 75 Resp: 3119
Ion Ratio Lower Upper
75 100
77 748.8 141.2 423.6#





#78

n-propylbenzene

Concen: 37.608 ug/l

RT: 12.800 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031840.D

Acq: 14 Jul 2025 11:16

Instrument :

MSVOA_W

ClientSampleId :

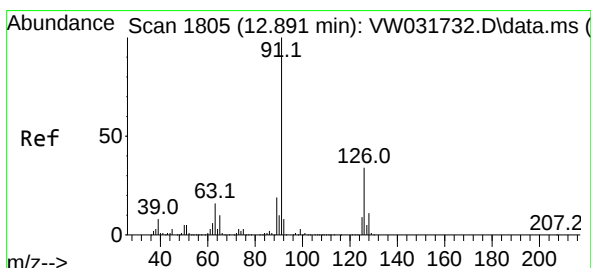
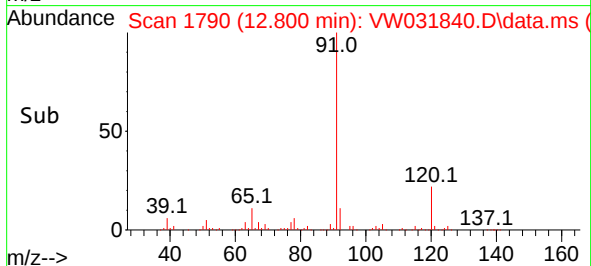
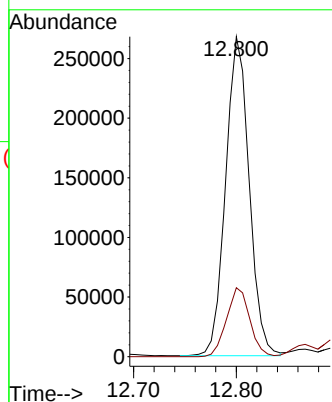
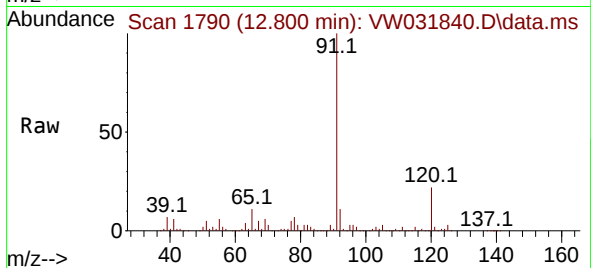
GCAP2

Tgt Ion: 91 Resp: 426293

Ion Ratio Lower Upper

91 100

120 21.3 11.5 34.4



#79

2-Chlorotoluene

Concen: 2.294 ug/l

RT: 12.940 min Scan# 1813

Delta R.T. 0.049 min

Lab File: VW031840.D

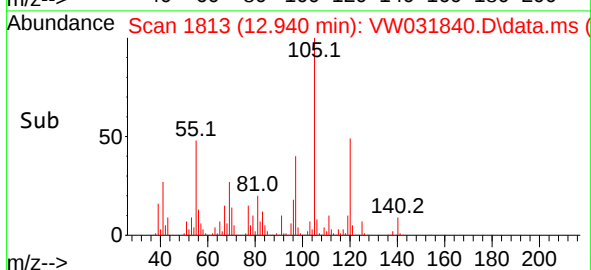
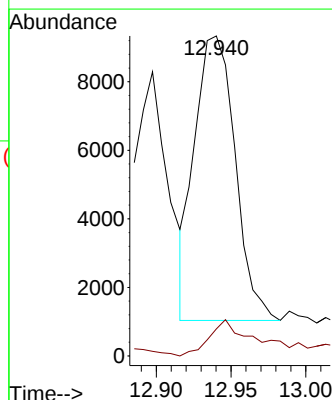
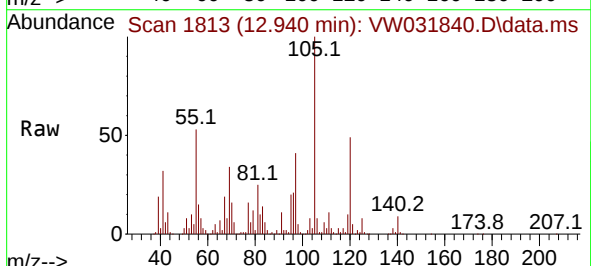
Acq: 14 Jul 2025 11:16

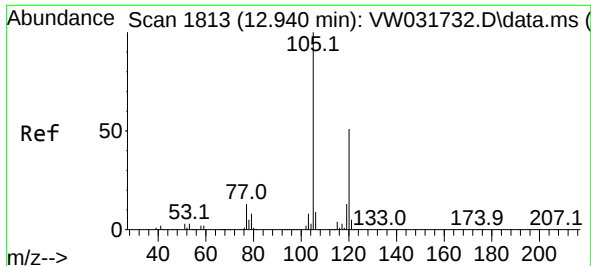
Tgt Ion: 91 Resp: 15655

Ion Ratio Lower Upper

91 100

126 15.5 15.8 47.4#

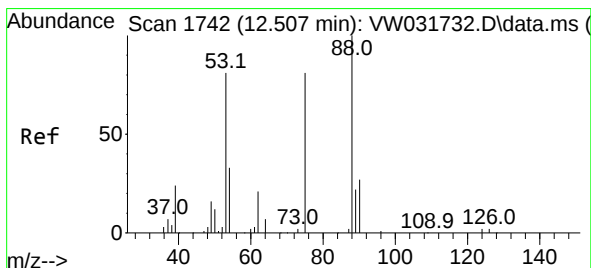
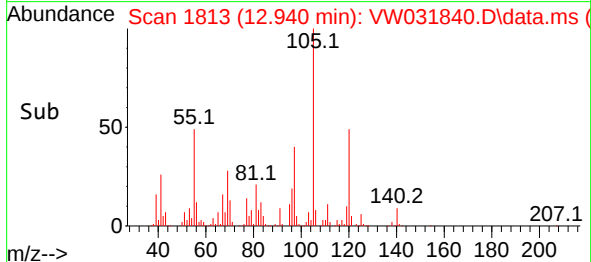
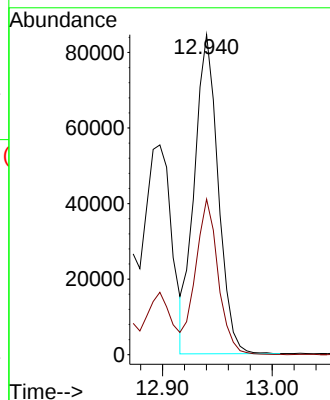
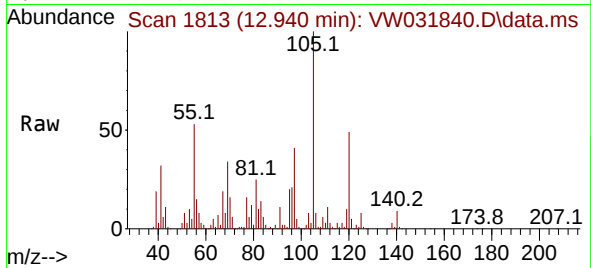




#80
1,3,5-Trimethylbenzene
Concen: 16.250 ug/l
RT: 12.940 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

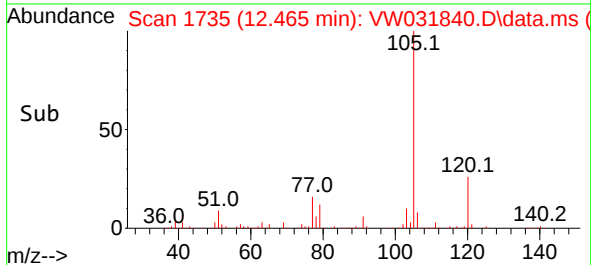
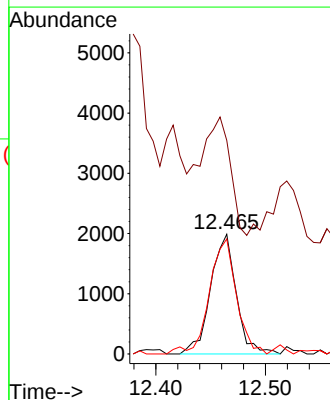
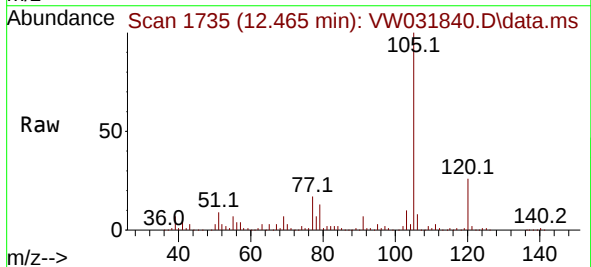
Instrument :
MSVOA_W
ClientSampleId :
GCAP2

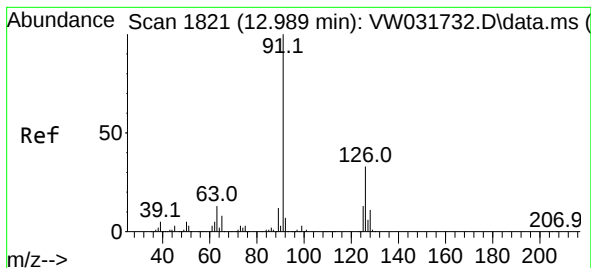
Tgt Ion:105 Resp: 127325
Ion Ratio Lower Upper
105 100
120 46.8 23.8 71.2



#81
trans-1,4-Dichloro-2-butene
Concen: 4.691 ug/l
RT: 12.465 min Scan# 1735
Delta R.T. -0.042 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion: 75 Resp: 3239
Ion Ratio Lower Upper
75 100
53 89.1 83.5 125.3
89 101.1 38.3 57.5#

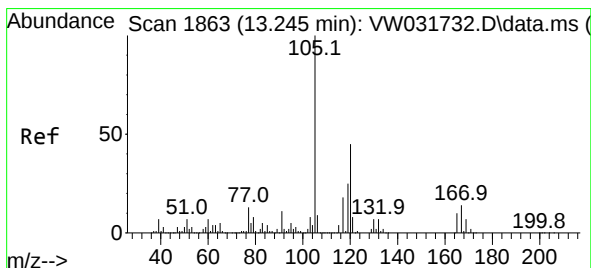
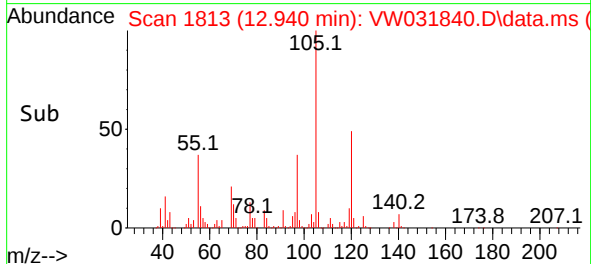
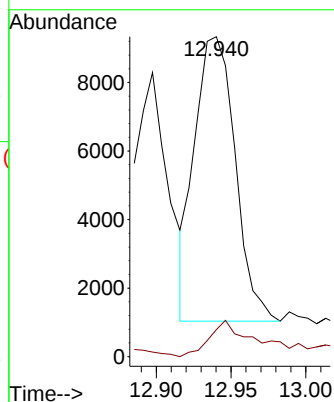
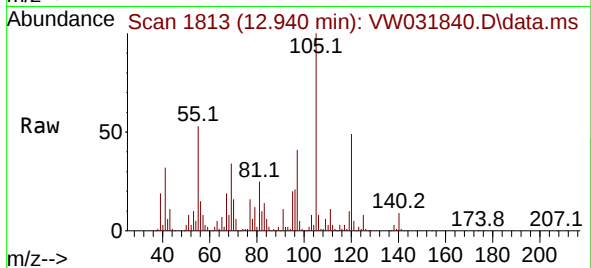




#82
4-Chlorotoluene
Concen: 2.185 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.048 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

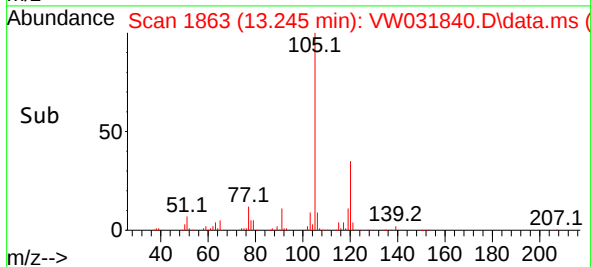
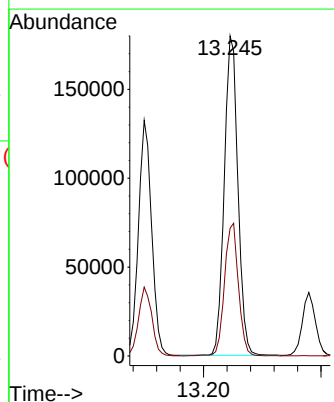
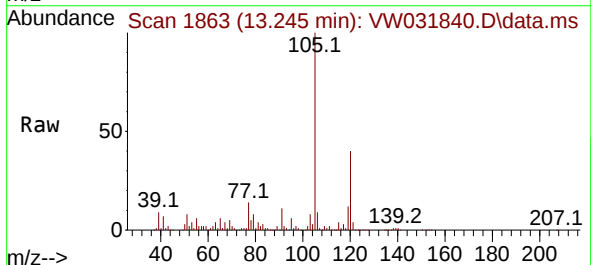
Instrument :
MSVOA_W
ClientSampleId :
GCAP2

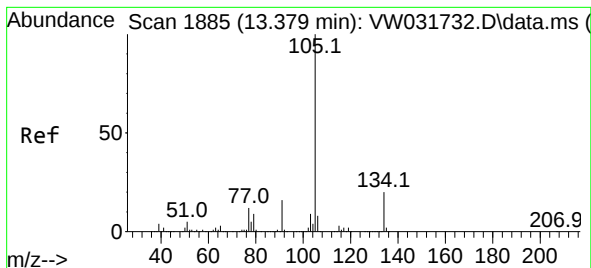
Tgt Ion: 91 Resp: 15655
Ion Ratio Lower Upper
91 100
126 15.5 16.0 47.9#



#84
1,2,4-Trimethylbenzene
Concen: 36.475 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion: 105 Resp: 289573
Ion Ratio Lower Upper
105 100
120 42.5 22.1 66.1





#85

sec-Butylbenzene

Concen: 5.381 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VW031840.D

Acq: 14 Jul 2025 11:16

Instrument :

MSVOA_W

ClientSampleId :

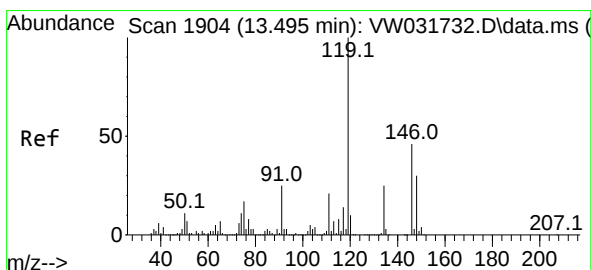
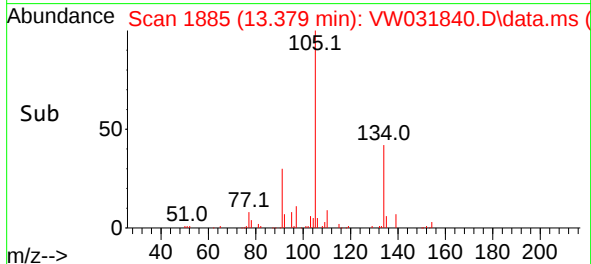
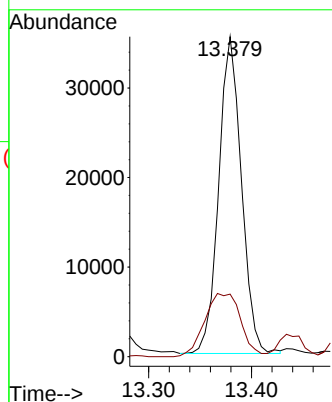
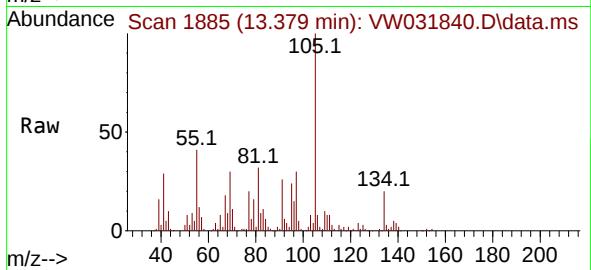
GCAP2

Tgt Ion:105 Resp: 54204

Ion Ratio Lower Upper

105 100

134 31.8 9.6 28.8#



#86

p-Isopropyltoluene

Concen: 4.334 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031840.D

Acq: 14 Jul 2025 11:16

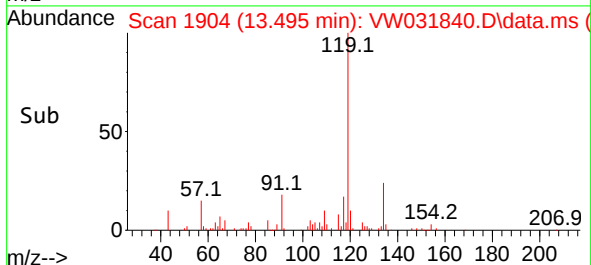
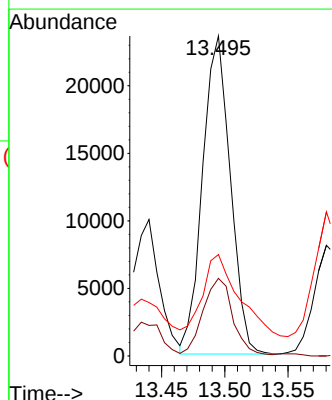
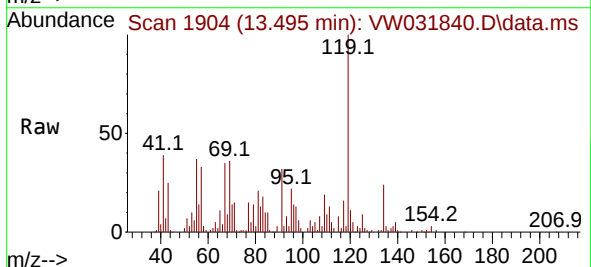
Tgt Ion:119 Resp: 35983

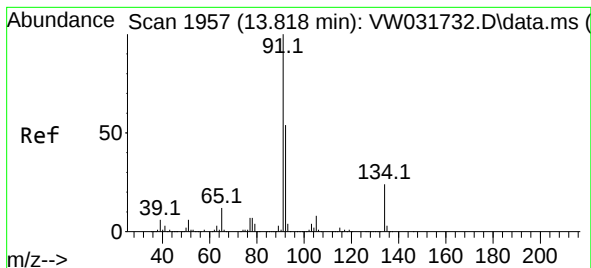
Ion Ratio Lower Upper

119 100

134 25.5 12.9 38.7

91 33.5 12.7 38.0





#89

n-Butylbenzene

Concen: 3.570 ug/l

RT: 13.812 min Scan# 1957

Delta R.T. -0.006 min

Lab File: VW031840.D

Acq: 14 Jul 2025 11:16

Instrument :

MSVOA_W

ClientSampleId :

GCAP2

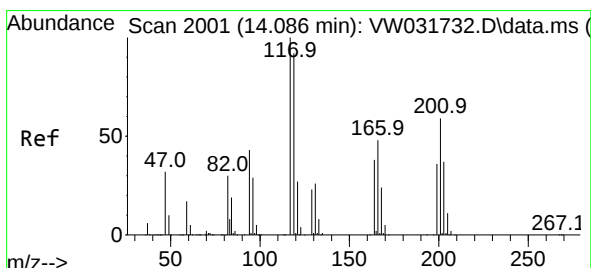
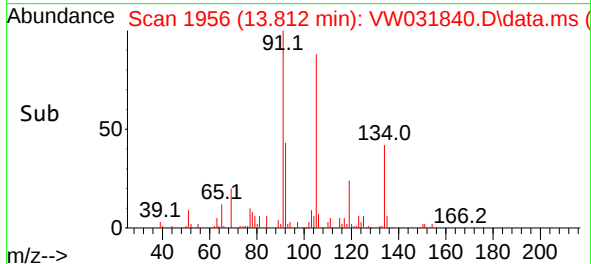
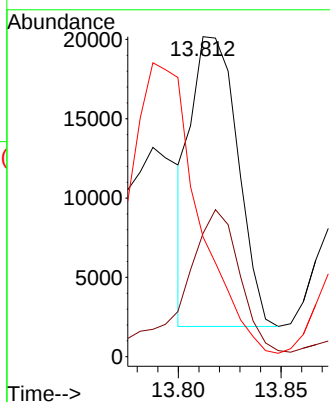
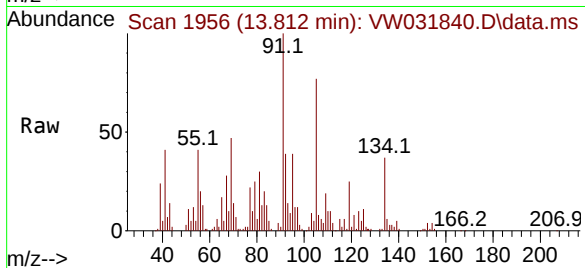
Tgt Ion: 91 Resp: 28799

Ion Ratio Lower Upper

91 100

92 56.1 27.2 81.5

134 0.0 12.2 36.6#



#90

Hexachloroethane

Concen: 11.388 ug/l

RT: 14.092 min Scan# 2002

Delta R.T. 0.007 min

Lab File: VW031840.D

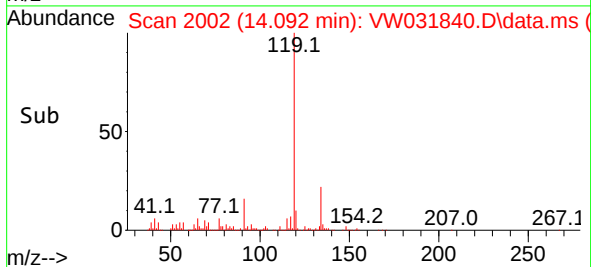
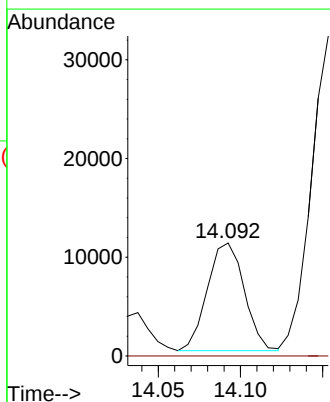
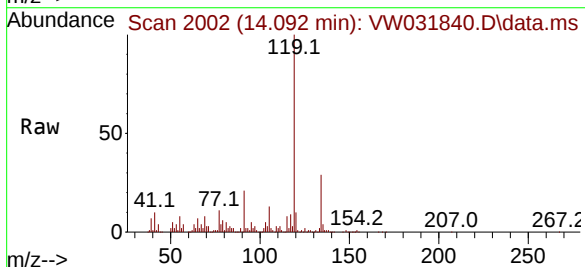
Acq: 14 Jul 2025 11:16

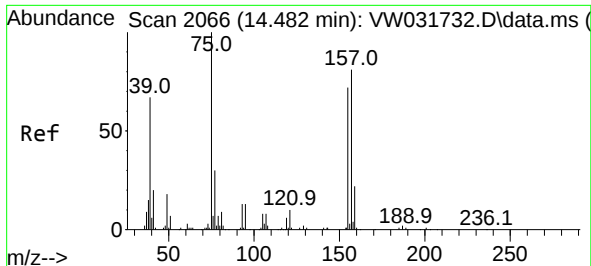
Tgt Ion: 117 Resp: 17058

Ion Ratio Lower Upper

117 100

201 0.0 31.1 93.3#





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.459 ug/l

RT: 14.495 min Scan# 2068

Delta R.T. 0.013 min

Lab File: VW031840.D

Acq: 14 Jul 2025 11:16

Instrument :

MSVOA_W

ClientSampleId :

GCAP2

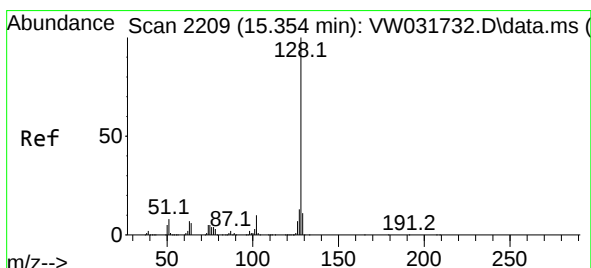
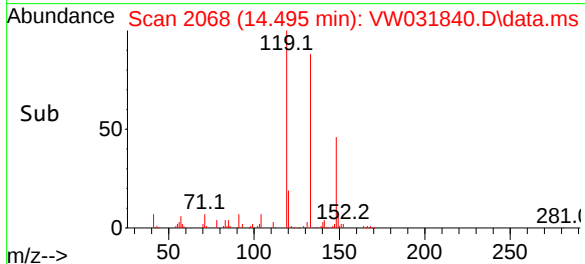
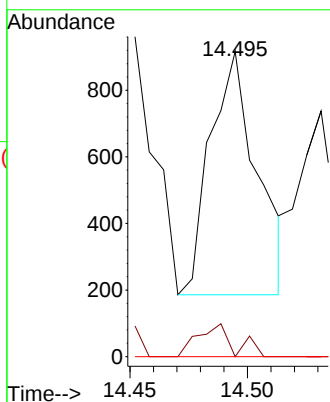
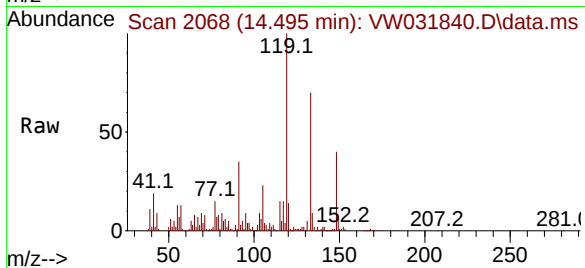
Tgt Ion: 75 Resp: 1009

Ion Ratio Lower Upper

75 100

155 10.5 37.2 111.6#

157 0.0 45.6 136.9#



#95

Naphthalene

Concen: 2.070 ug/l

RT: 15.318 min Scan# 2203

Delta R.T. -0.036 min

Lab File: VW031840.D

Acq: 14 Jul 2025 11:16

Tgt Ion: 128 Resp: 12111

Ion Ratio Lower Upper

128 100

127 42.8 10.8 16.2#

129 86.8 8.7 13.1#

