

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
 Data File : VW031842.D
 Acq On : 14 Jul 2025 12:00
 Operator : SY/MD
 Sample : Q2503-03
 Misc : 5.93g/5mL/MSVOA_W/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GCAP2

Quant Time: Jul 15 02:42:34 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	193669	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	372714	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	325281	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.562	152	266911	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	128959	46.399	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	92.800%
35) Dibromofluoromethane	7.904	113	117861	48.460	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	96.920%
50) Toluene-d8	10.325	98	869854	96.107	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	192.220%#
62) 4-Bromofluorobenzene	12.611	95	363550	109.150	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	218.300%#

Target Compounds				Qvalue		
11) Tert butyl alcohol	5.222	59	1037	6.022	ug/l #	69
13) Acrolein	4.155	56	86314	278.898	ug/l #	74
14) Allyl chloride	4.948	41	1415522	399.786	ug/l #	56
15) Acrylonitrile	5.478	53	311178	438.728	ug/l #	40
16) Acetone	4.161	43	378488	550.949	ug/l #	71
17) Carbon Disulfide	4.429	76	29285	4.742	ug/l	96
18) Methyl Acetate	4.948	43	3682716	1875.719	ug/l #	49
20) Methylene Chloride	4.966	84	20460	3.334	ug/l #	1
23) Vinyl Acetate	6.325	43	8854	1.877	ug/l #	81
25) 2-Butanone	7.191	43	207808	232.517	ug/l #	61
26) 2,2-Dichloropropane	7.014	77	113510	43.456	ug/l #	52
29) Tetrahydrofuran	7.545	42	2299	3.756	ug/l #	31
30) Chloroform	7.648	83	142750	30.007	ug/l #	18
31) Cyclohexane	7.978	56	6967593	1760.636	ug/l	97
37) Ethyl Acetate	7.191	43	207808	93.602	ug/l #	68
38) Carbon Tetrachloride	7.965	117	22345	6.231	ug/l #	16
39) Methylcyclohexane	9.349	83	14343867	3275.812	ug/l	97
41) Methacrylonitrile	7.545	41	20045	16.854	ug/l #	45
42) 1,2-Dichloroethane	8.453	62	33440	9.505	ug/l #	1
43) Isopropyl Acetate	8.441	43	1682509	439.643	ug/l #	53
45) 1,2-Dichloropropane	9.349	63	155766	61.897	ug/l #	1
47) Bromodichloromethane	9.624	83	238733	62.661	ug/l #	34
48) Methyl methacrylate	9.526	41	1399767	743.862	ug/l #	54
49) 1,4-Dioxane	9.337	88	308	16.186	ug/l #	1
51) 4-Methyl-2-Pentanone	10.252	43	118150	53.700	ug/l #	64
52) Toluene	10.392	92	46919	7.038	ug/l	92
55) 1,1,2-Trichloroethane	10.764	97	1700573	799.055	ug/l #	22
56) Ethyl methacrylate	10.672	69	700100	242.475	ug/l #	21
58) 2-Chloroethyl Vinyl ether	9.916	63	13484	8.481	ug/l #	45
59) 2-Hexanone	10.940	43	1191222	798.981	ug/l #	28
67) Ethyl Benzene	11.733	91	31880	2.562	ug/l	90
68) m/p-Xylenes	11.837	106	146099	30.539	ug/l	100
69) o-Xylene	12.166	106	29941	6.759	ug/l	55
73) Isopropylbenzene	12.465	105	408291	20.110	ug/l	99
74) N-amyl acetate	12.257	43	3577809	653.809	ug/l #	66
75) 1,1,2,2-Tetrachloroethane	12.690	83	317392	70.416	ug/l #	95

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

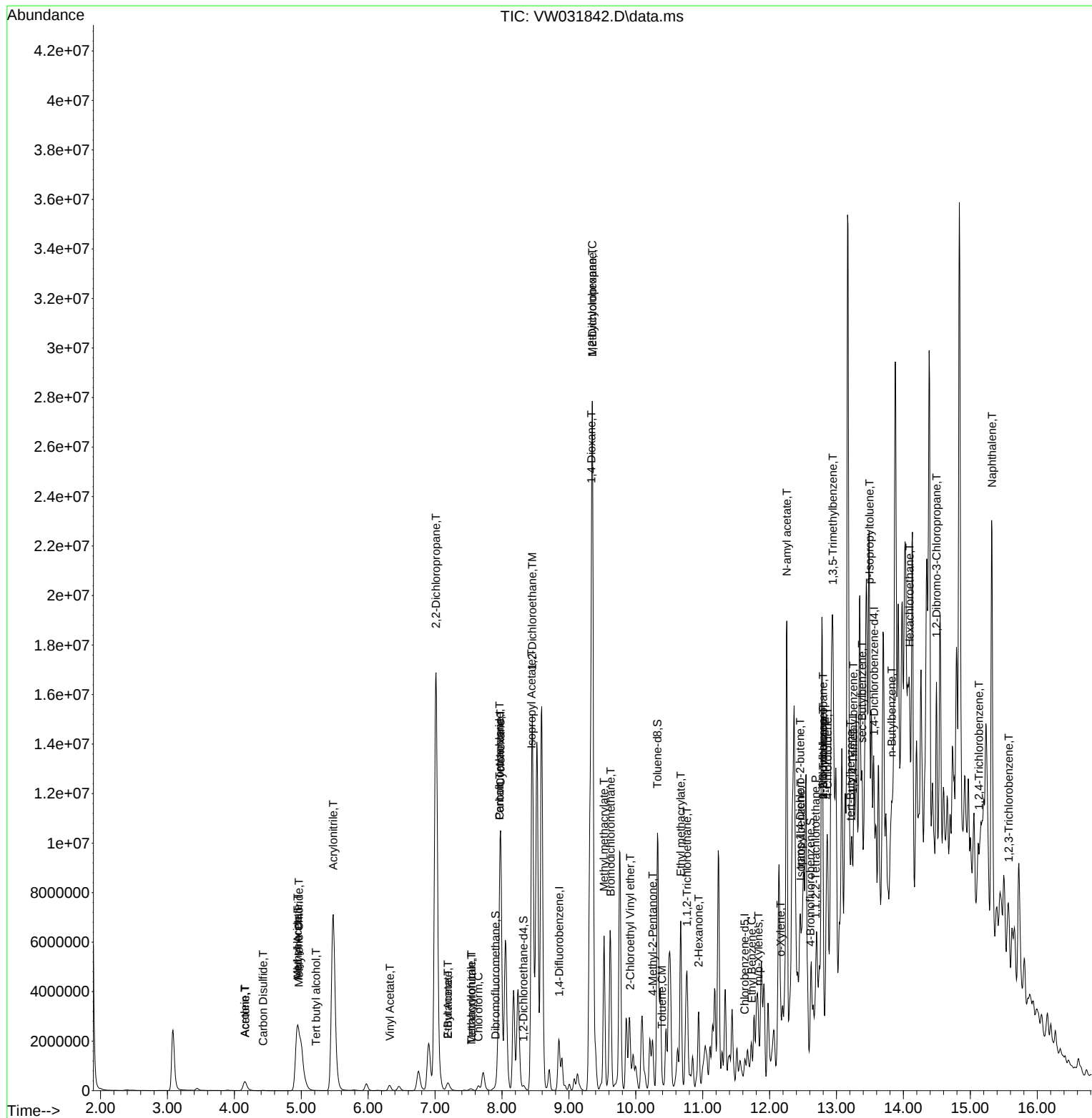
76) 1,2,3-Trichloropropane	12.800	75	6684	1.938	ug/l #	1	
78) n-propylbenzene	12.800	91	728394	29.960	ug/l	94	
79) 2-Chlorotoluene	12.800	91	729538	49.832	ug/l	90	
80) 1,3,5-Trimethylbenzene	12.946	105	231040	13.748	ug/l	96	
81) trans-1,4-Dichloro-2-b...	12.458	75	6059	4.091	ug/l #	1	
82) 4-Chlorotoluene	12.867	91	36998	2.407	ug/l	82	
83) tert-Butylbenzene	13.208	119	17462	1.213	ug/l #	1	
84) 1,2,4-Trimethylbenzene	13.251	105	479752	28.175	ug/l	97	
85) sec-Butylbenzene	13.385	105	165724	7.670	ug/l #	72	
86) p-Isopropyltoluene	13.495	119	107889	6.059	ug/l	88	
89) n-Butylbenzene	13.824	91	105068	6.073	ug/l #	79	
90) Hexachloroethane	14.092	117	36880	11.480	ug/l #	19	
92) 1,2-Dibromo-3-Chloropr...	14.495	75	4250	4.829	ug/l #	1	
93) 1,2,4-Trichlorobenzene	15.129	180	19968	3.901	ug/l #	1	
95) Naphthalene	15.324	128	77018	6.137	ug/l #	1	
96) 1,2,3-Trichlorobenzene	15.574	180	43289	9.204	ug/l #	13	

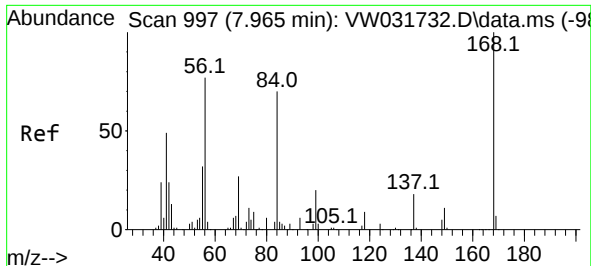
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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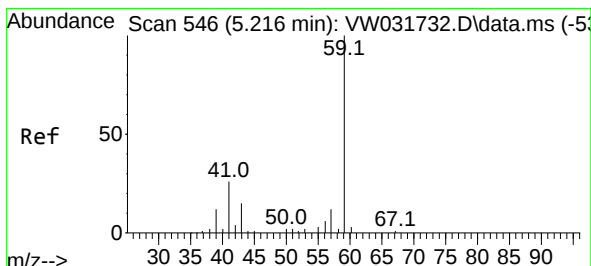
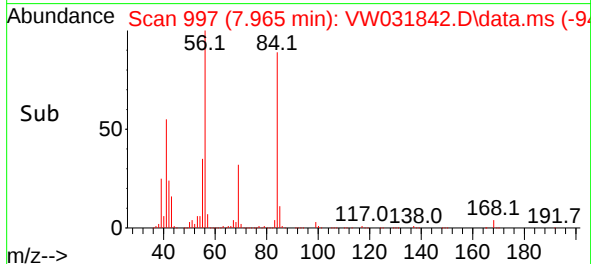
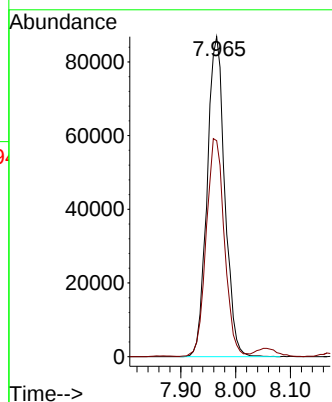
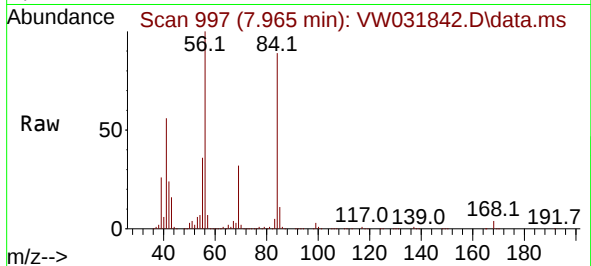




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW031842.D
Acq: 14 Jul 2025 12:00

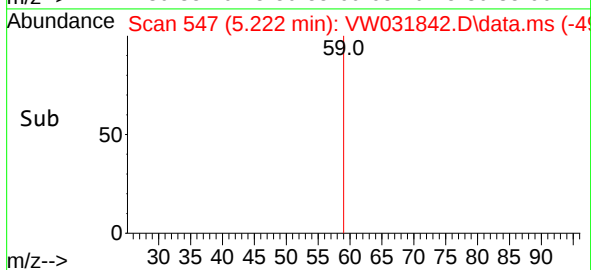
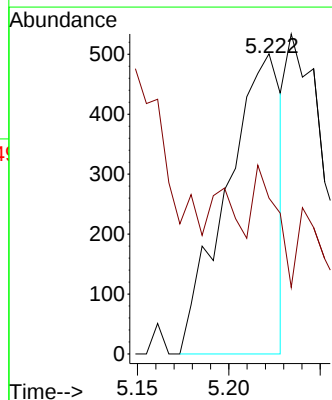
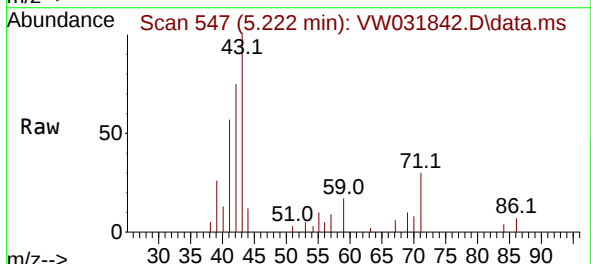
Instrument :
MSVOA_W
ClientSampleId :
GCAP2

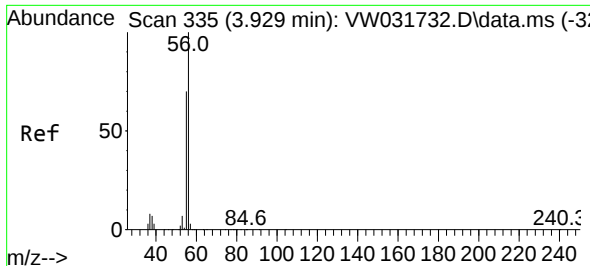
Tgt Ion:168 Resp: 193669
Ion Ratio Lower Upper
168 100
99 67.4 49.4 74.2



#11
Tert butyl alcohol
Concen: 6.022 ug/l
RT: 5.222 min Scan# 547
Delta R.T. 0.006 min
Lab File: VW031842.D
Acq: 14 Jul 2025 12:00

Tgt Ion: 59 Resp: 1037
Ion Ratio Lower Upper
59 100
57 0.0 9.5 14.3#

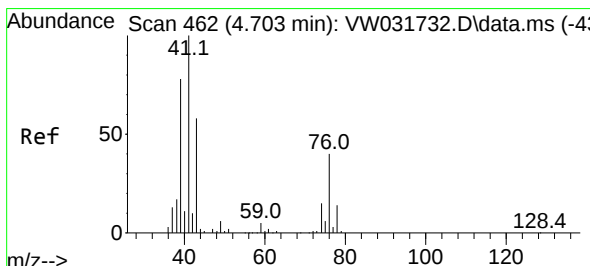
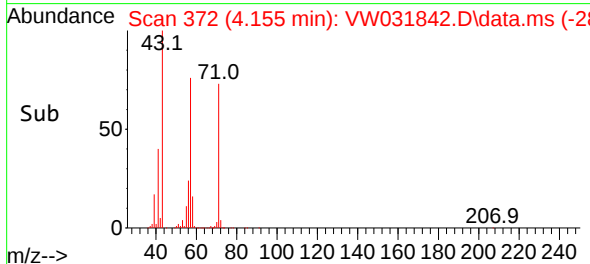
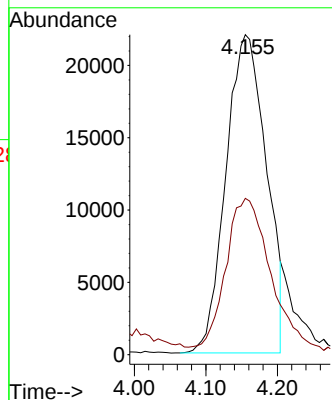
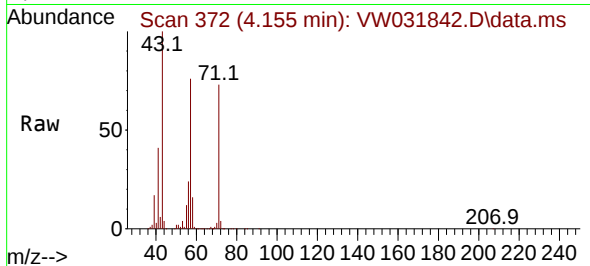




#13
Acrolein
Concen: 278.898 ug/l
RT: 4.155 min Scan# 31
Delta R.T. 0.226 min
Lab File: VW031842.D
Acq: 14 Jul 2025 12:00

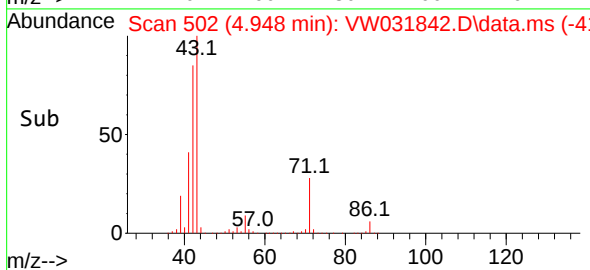
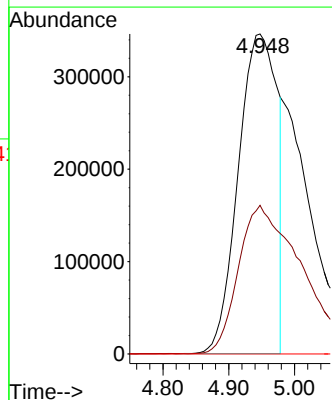
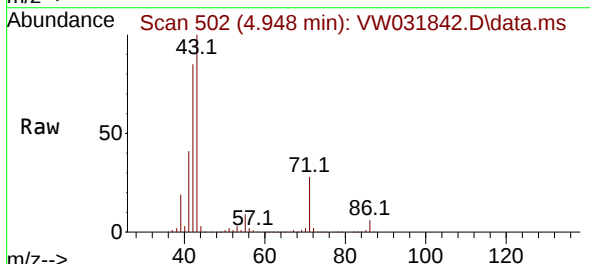
Instrument :
MSVOA_W
ClientSampleId :
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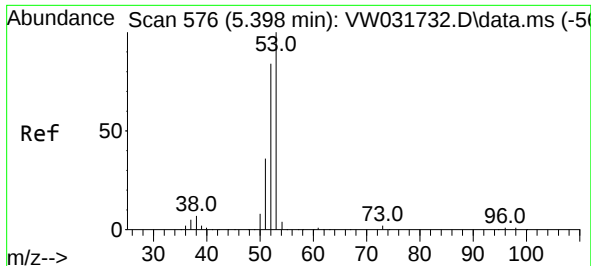
Tgt Ion: 56 Resp: 86314
Ion Ratio Lower Upper
56 100
55 46.5 54.0 81.0#



#14
Allyl chloride
Concen: 399.786 ug/l
RT: 4.948 min Scan# 502
Delta R.T. 0.244 min
Lab File: VW031842.D
Acq: 14 Jul 2025 12:00

Tgt Ion: 41 Resp: 1415522
Ion Ratio Lower Upper
41 100
39 45.9 60.7 91.1#
76 0.0 30.3 45.5#

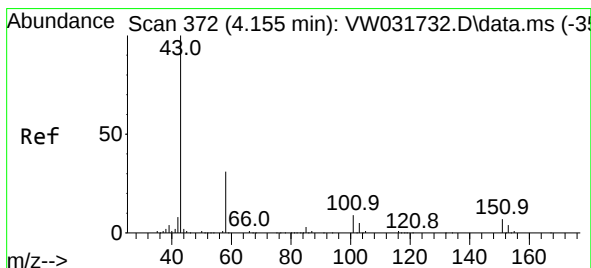
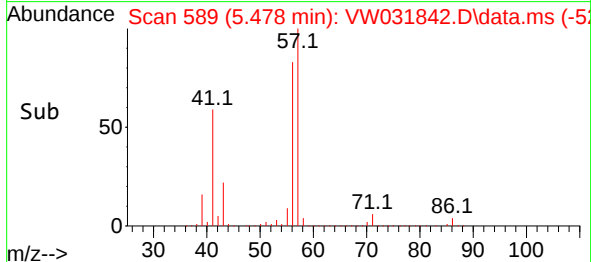
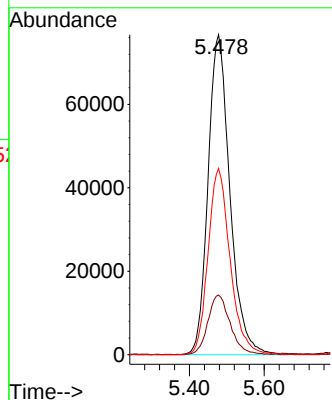
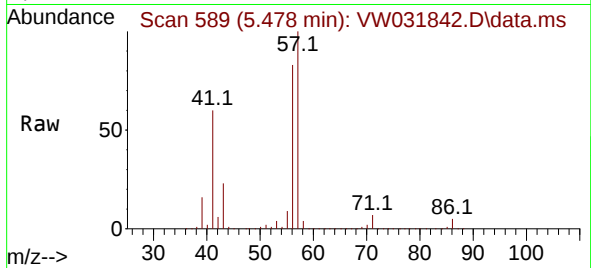




#15
Acrylonitrile
Concen: 438.728 ug/l
RT: 5.478 min Scan# 511
Delta R.T. 0.080 min
Lab File: VW031842.D
Acq: 14 Jul 2025 12:00

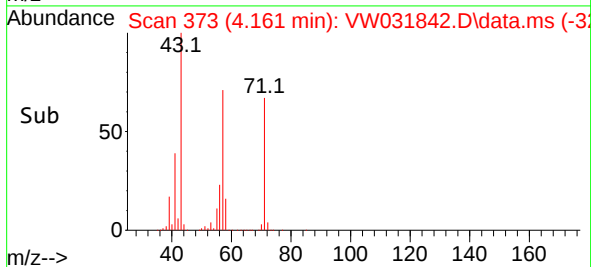
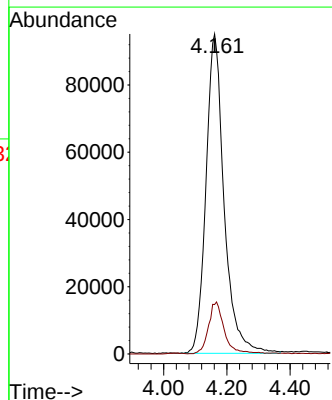
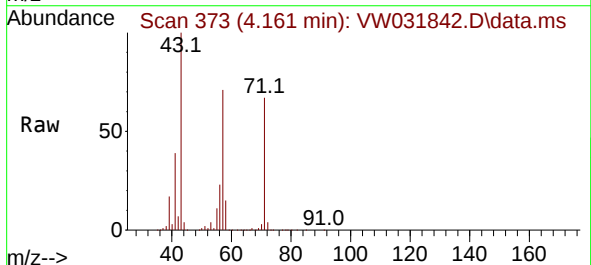
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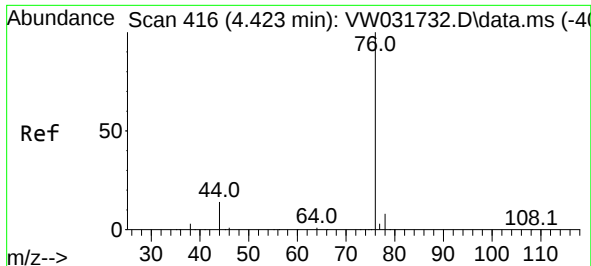
Tgt Ion: 53 Resp: 311178
Ion Ratio Lower Upper
53 100
52 19.1 66.4 99.6#
51 58.9 29.9 44.9#



#16
Acetone
Concen: 550.949 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.006 min
Lab File: VW031842.D
Acq: 14 Jul 2025 12:00

Tgt Ion: 43 Resp: 378488
Ion Ratio Lower Upper
43 100
58 15.3 24.8 37.2#

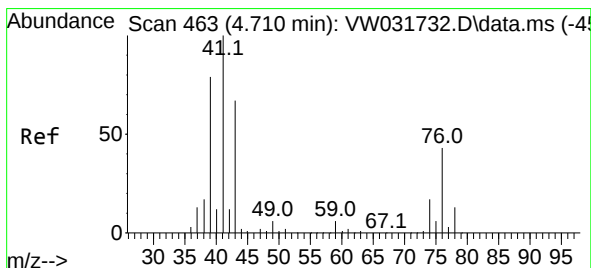
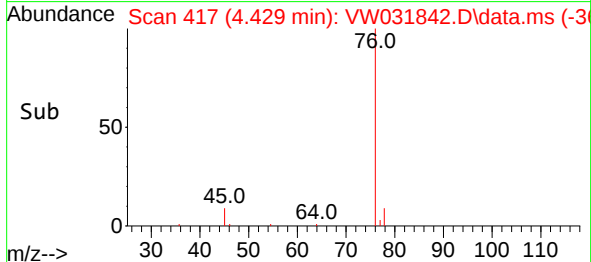
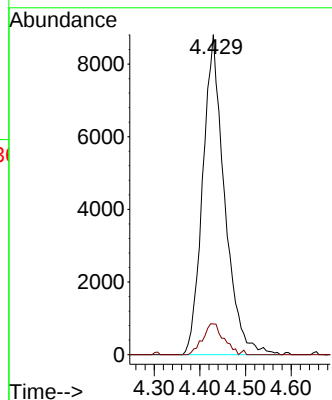
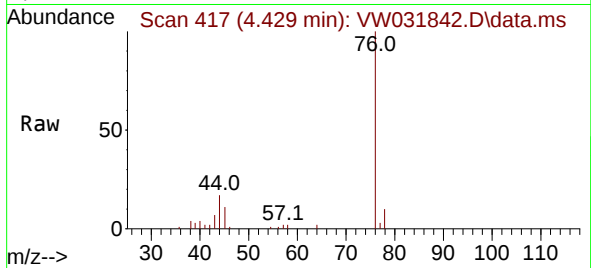




#17
Carbon Disulfide
Concen: 4.742 ug/l
RT: 4.429 min Scan# 416
Delta R.T. 0.006 min
Lab File: VW031842.D
Acq: 14 Jul 2025 12:00

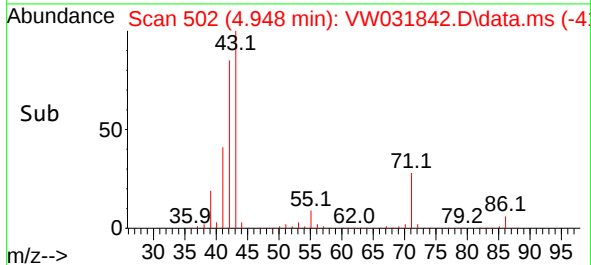
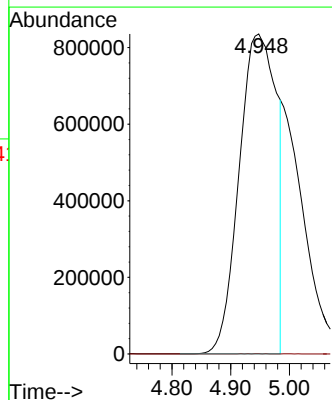
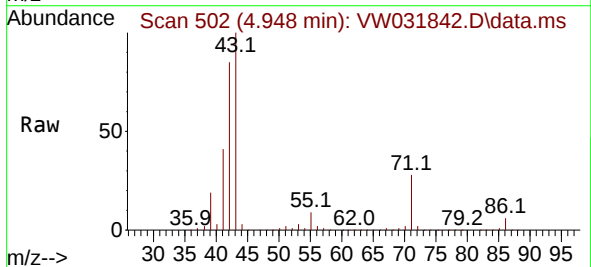
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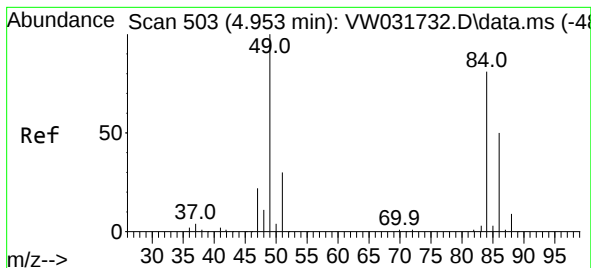
Tgt Ion: 76 Resp: 29285
Ion Ratio Lower Upper
76 100
78 9.6 6.6 10.0



#18
Methyl Acetate
Concen: 1875.719 ug/l
RT: 4.948 min Scan# 502
Delta R.T. 0.238 min
Lab File: VW031842.D
Acq: 14 Jul 2025 12:00

Tgt Ion: 43 Resp: 3682716
Ion Ratio Lower Upper
43 100
74 0.0 20.6 30.8#





#20

Methylene Chloride

Concen: 3.334 ug/l

RT: 4.966 min Scan# 503

Delta R.T. 0.013 min

Lab File: VW031842.D

Acq: 14 Jul 2025 12:00

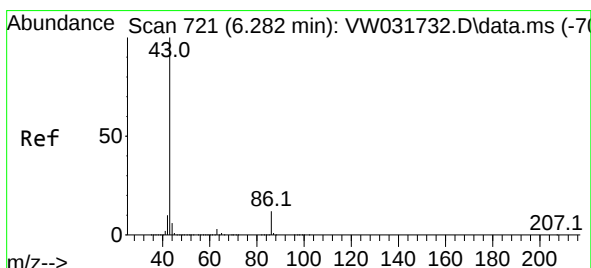
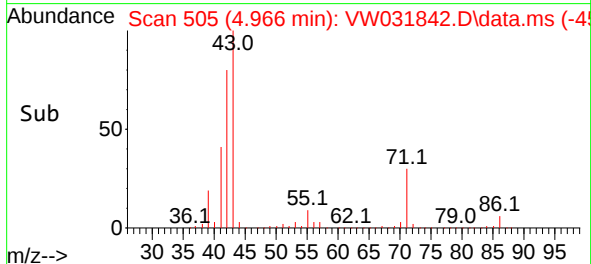
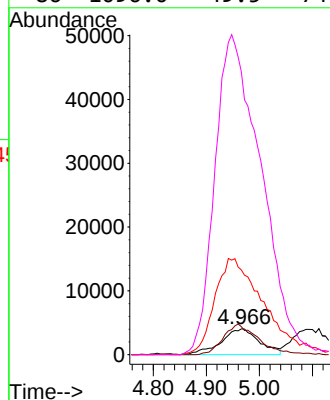
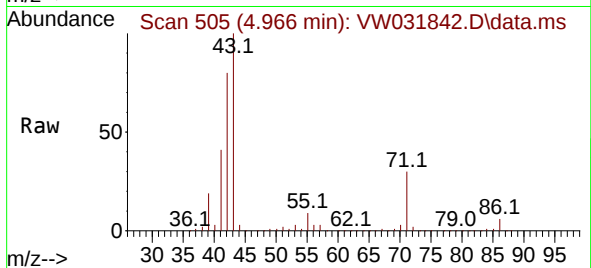
Instrument :

MSVOA_W

ClientSampleId :

GCAP2

Tgt Ion:	84	Resp:	20460
Ion	Ratio	Lower	Upper
84	100		
49	108.4	98.2	147.4
51	328.3	29.8	44.8#
86	1096.0	49.5	74.3#



#23

Vinyl Acetate

Concen: 1.877 ug/l

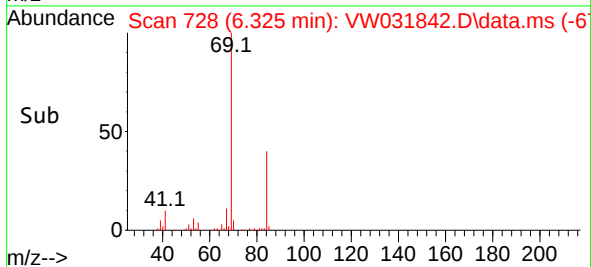
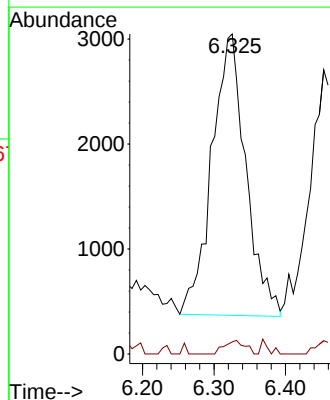
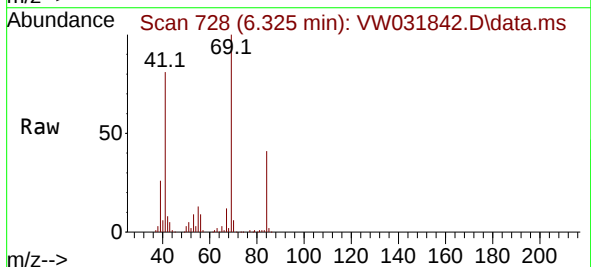
RT: 6.325 min Scan# 728

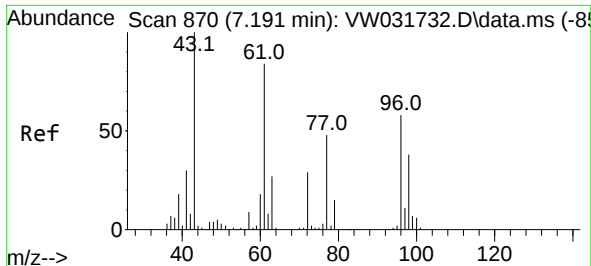
Delta R.T. 0.043 min

Lab File: VW031842.D

Acq: 14 Jul 2025 12:00

Tgt Ion:	43	Resp:	8854
Ion	Ratio	Lower	Upper
43	100		
86	4.3	9.2	13.8#

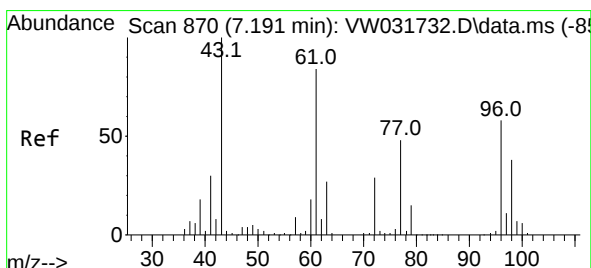
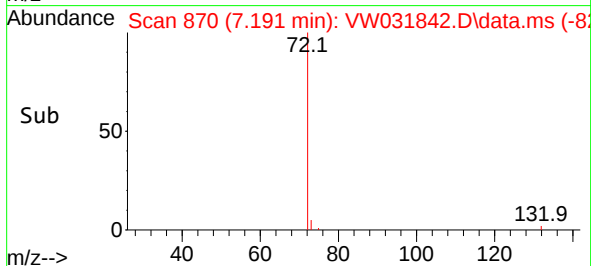
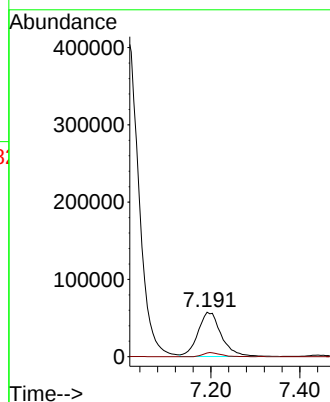
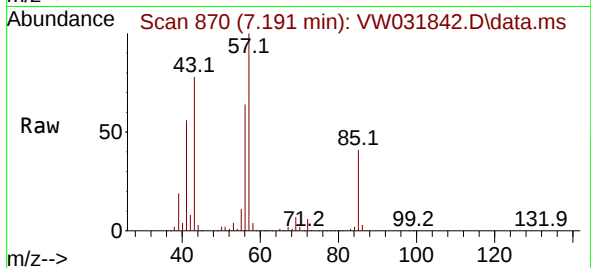




#25
2-Butanone
Concen: 232.517 ug/l
RT: 7.191 min Scan# 81
Delta R.T. 0.000 min
Lab File: VW031842.D
Acq: 14 Jul 2025 12:00

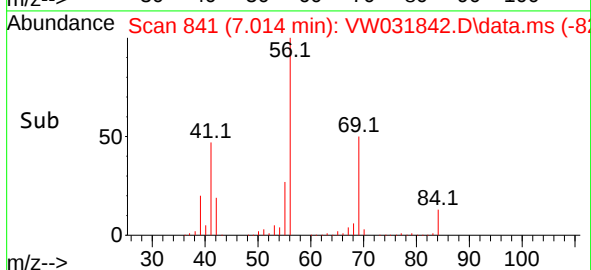
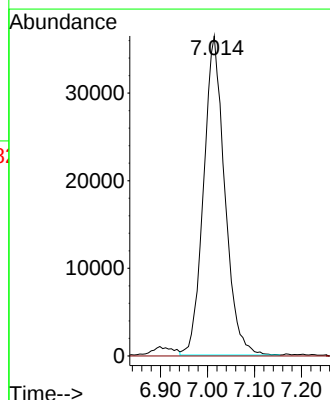
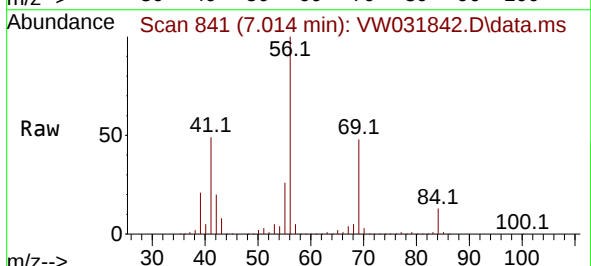
Instrument :
MSVOA_W
ClientSampleId :
GCAP2

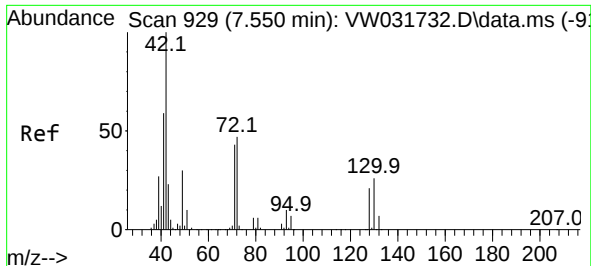
Tgt Ion: 43 Resp: 207808
Ion Ratio Lower Upper
43 100
72 8.3 23.0 34.6#



#26
2,2-Dichloropropane
Concen: 43.456 ug/l
RT: 7.014 min Scan# 841
Delta R.T. -0.176 min
Lab File: VW031842.D
Acq: 14 Jul 2025 12:00

Tgt Ion: 77 Resp: 113510
Ion Ratio Lower Upper
77 100
97 0.0 11.6 34.7#





#29

Tetrahydrofuran

Concen: 3.756 ug/l

RT: 7.545 min Scan# 91

Delta R.T. -0.006 min

Lab File: VW031842.D

Acq: 14 Jul 2025 12:00

Instrument :

MSVOA_W

ClientSampleId :

GCAP2

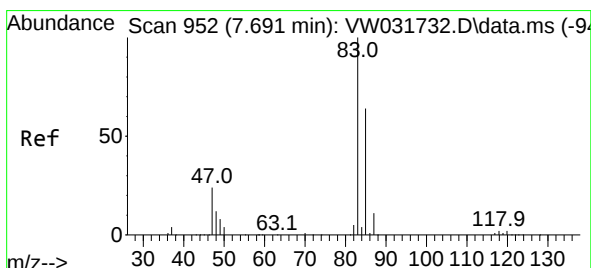
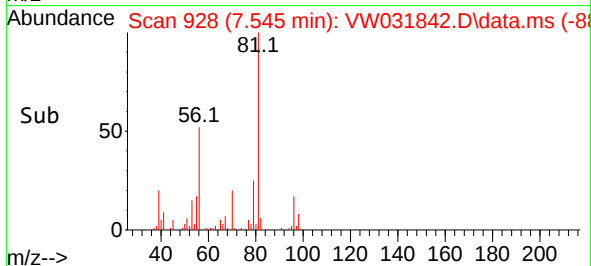
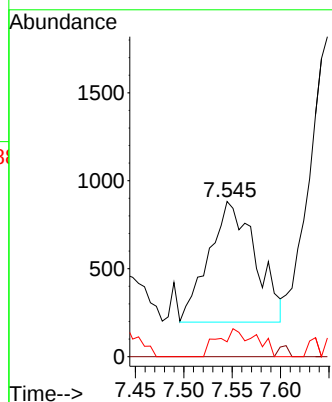
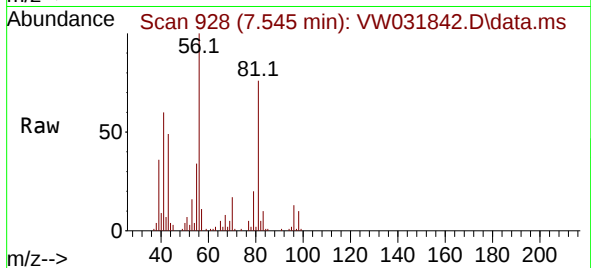
Tgt Ion: 42 Resp: 2299

Ion Ratio Lower Upper

42 100

72 0.0 36.8 55.2#

71 0.0 34.6 52.0#



#30

Chloroform

Concen: 30.007 ug/l

RT: 7.648 min Scan# 945

Delta R.T. -0.042 min

Lab File: VW031842.D

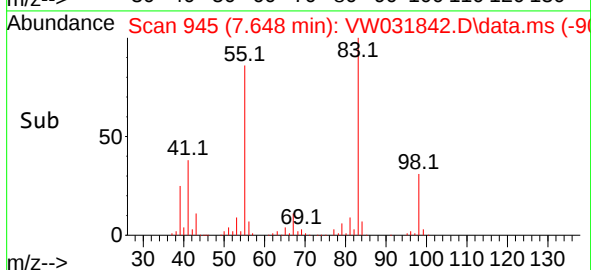
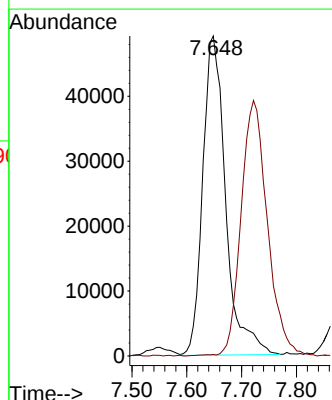
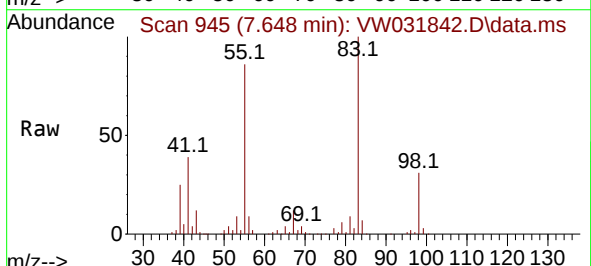
Acq: 14 Jul 2025 12:00

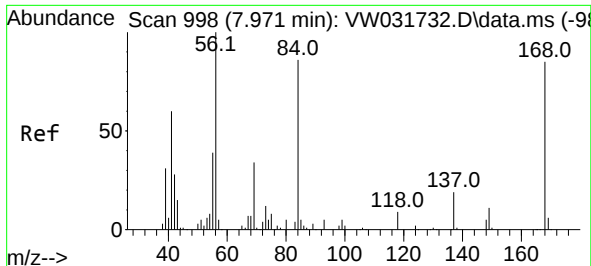
Tgt Ion: 83 Resp: 142750

Ion Ratio Lower Upper

83 100

85 0.3 51.4 77.0#

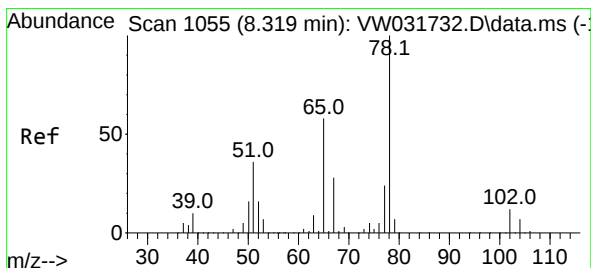
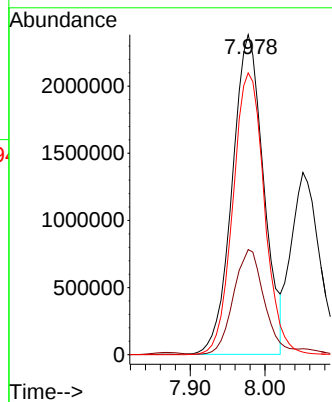
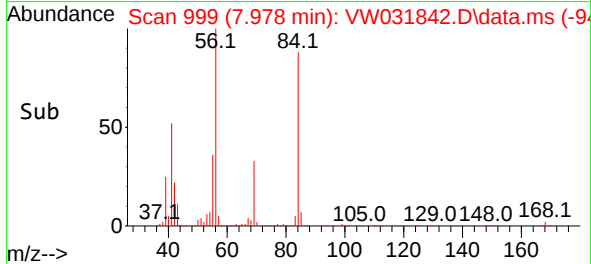
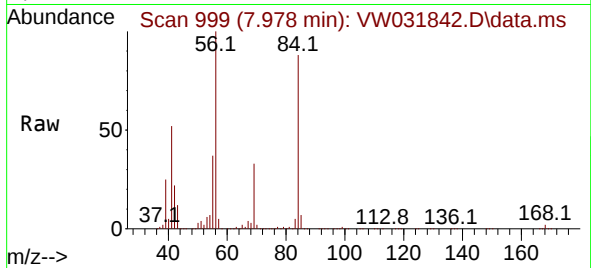




#31
Cyclohexane
Concen: 1760.636 ug/l
RT: 7.978 min Scan# 998
Delta R.T. 0.006 min
Lab File: VW031842.D
Acq: 14 Jul 2025 12:00

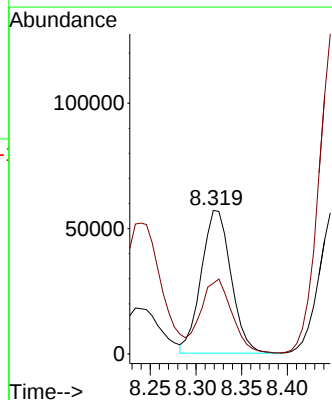
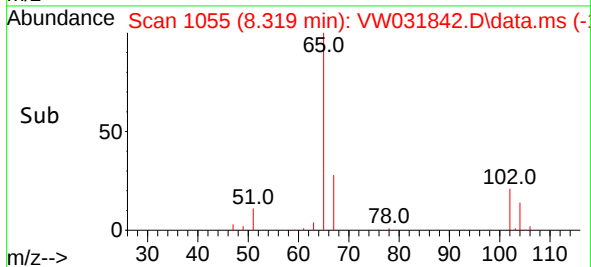
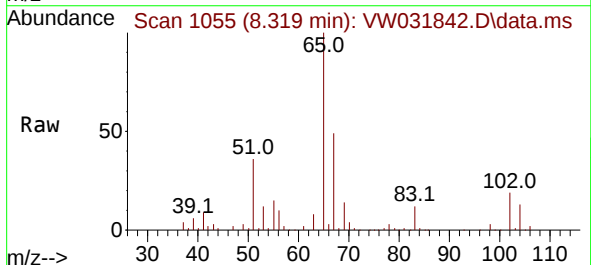
Instrument :
MSVOA_W
ClientSampleId :
GCAP2

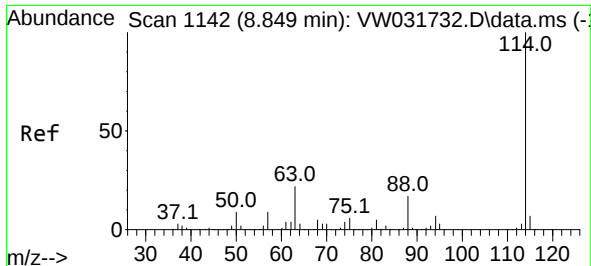
Tgt Ion: 56 Resp: 6967593
Ion Ratio Lower Upper
56 100
69 32.4 27.2 40.8
84 88.1 68.5 102.7



#33
1,2-Dichloroethane-d4
Concen: 46.399 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031842.D
Acq: 14 Jul 2025 12:00

Tgt Ion: 65 Resp: 128959
Ion Ratio Lower Upper
65 100
67 53.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1143

Delta R.T. 0.006 min

Lab File: VW031842.D

Acq: 14 Jul 2025 12:00

Instrument :

MSVOA_W

ClientSampleId :

GCAP2

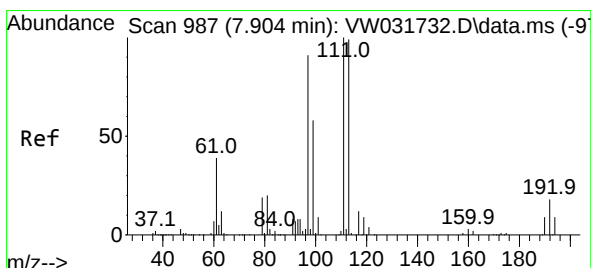
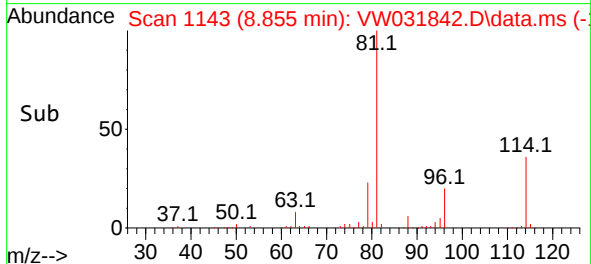
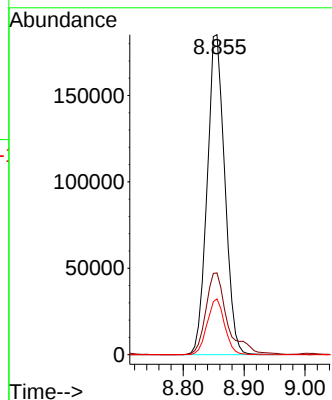
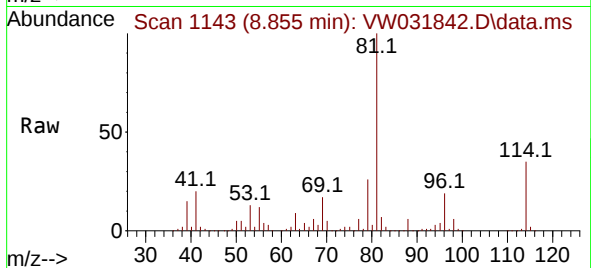
Tgt Ion:114 Resp: 372714

Ion Ratio Lower Upper

114 100

63 25.5 0.0 43.6

88 17.5 0.0 34.2



#35

Dibromofluoromethane

Concen: 48.460 ug/l

RT: 7.904 min Scan# 987

Delta R.T. 0.000 min

Lab File: VW031842.D

Acq: 14 Jul 2025 12:00

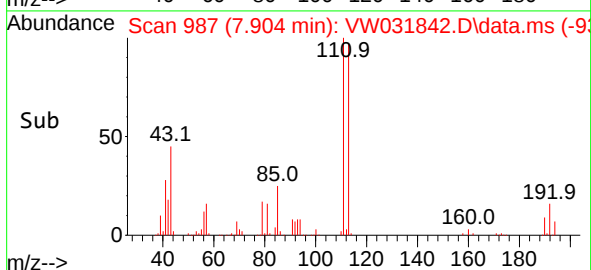
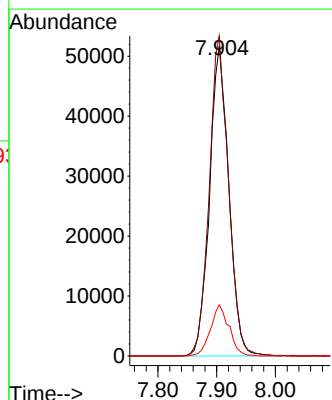
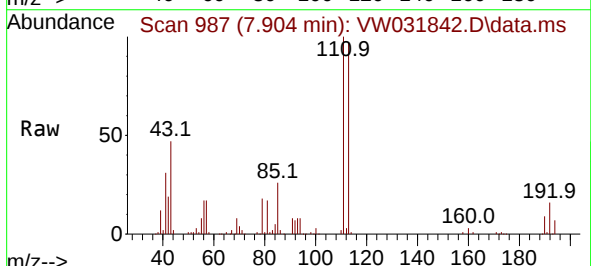
Tgt Ion:113 Resp: 117861

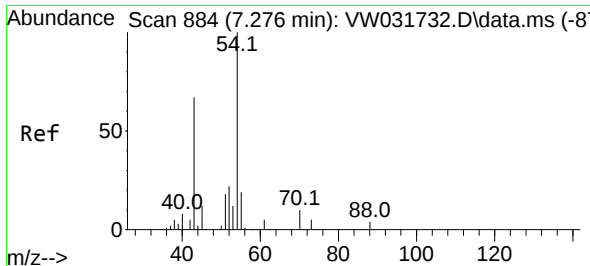
Ion Ratio Lower Upper

113 100

111 102.9 82.1 123.1

192 15.8 13.8 20.6

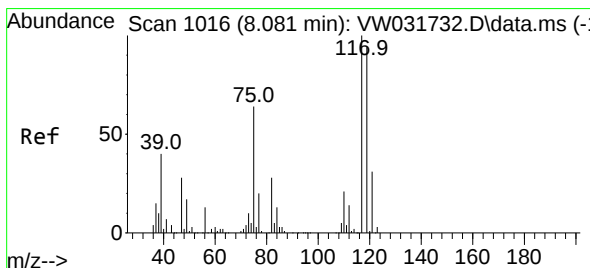
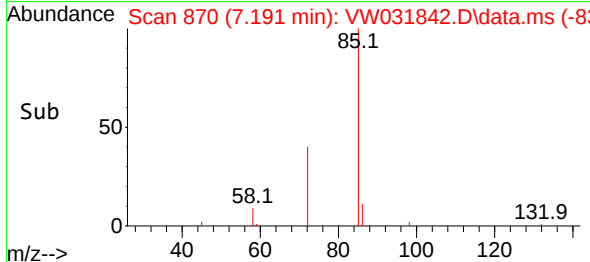
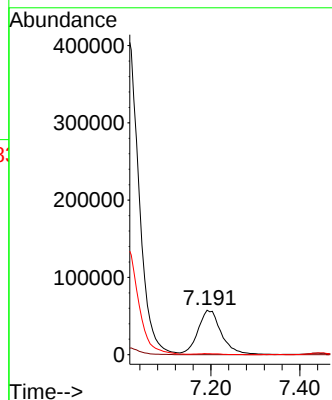
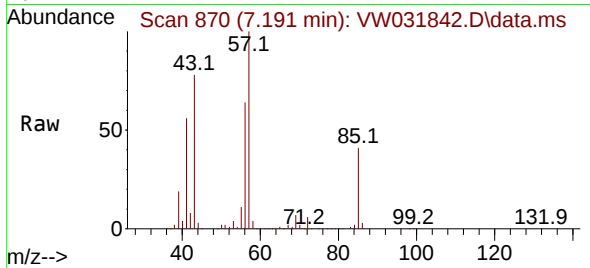




#37
Ethyl Acetate
Concen: 93.602 ug/l
RT: 7.191 min Scan# 81
Delta R.T. -0.085 min
Lab File: VW031842.D
Acq: 14 Jul 2025 12:00

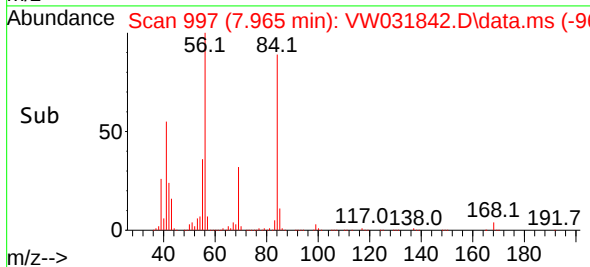
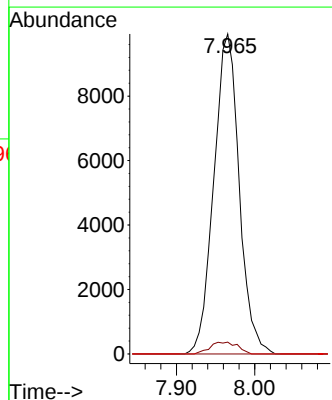
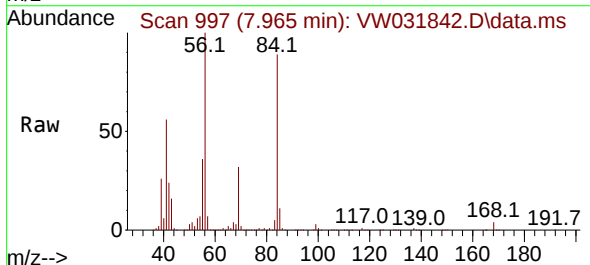
Instrument :
MSVOA_W
ClientSampleId :
GCAP2

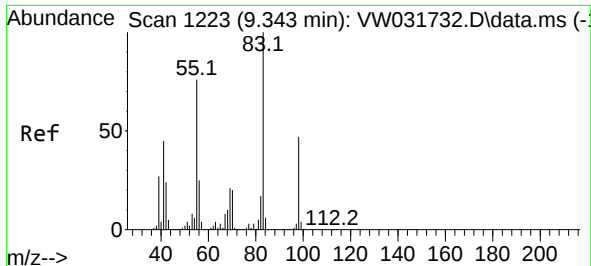
Tgt Ion: 43 Resp: 207808
Ion Ratio Lower Upper
43 100
61 0.0 10.9 16.3#
70 0.0 9.2 13.8#



#38
Carbon Tetrachloride
Concen: 6.231 ug/l
RT: 7.965 min Scan# 997
Delta R.T. -0.115 min
Lab File: VW031842.D
Acq: 14 Jul 2025 12:00

Tgt Ion: 117 Resp: 22345
Ion Ratio Lower Upper
117 100
119 3.7 75.0 112.6#
121 0.0 24.6 37.0#





#39

Methylcyclohexane

Concen: 3275.812 ug/l

RT: 9.349 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW031842.D

Acq: 14 Jul 2025 12:00

Instrument :

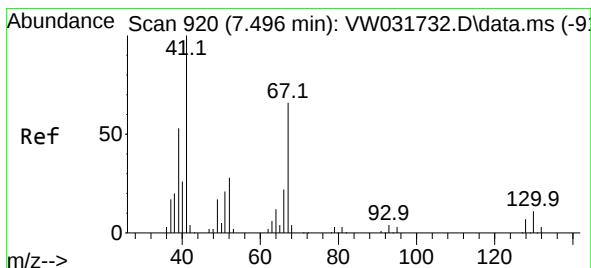
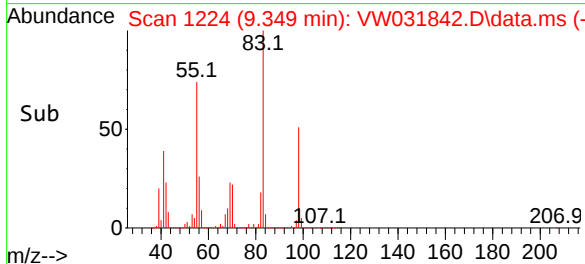
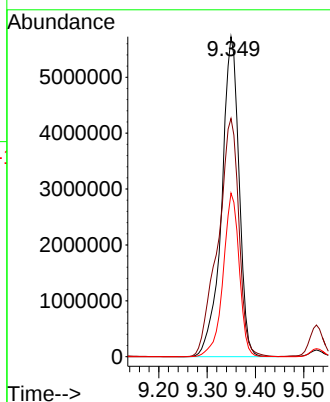
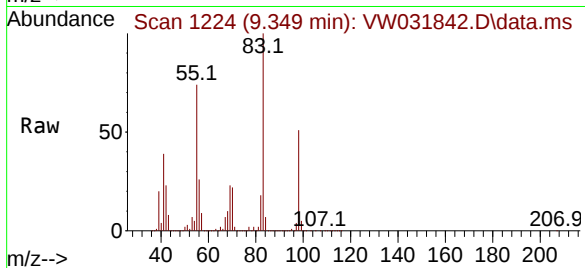
MSVOA_W

ClientSampleId :

GCAP2

Tgt Ion: 83 Resp:14343867

Ion	Ratio	Lower	Upper
83	100		
55	74.4	61.0	91.4
98	51.1	37.9	56.9



#41

Methacrylonitrile

Concen: 16.854 ug/l

RT: 7.545 min Scan# 928

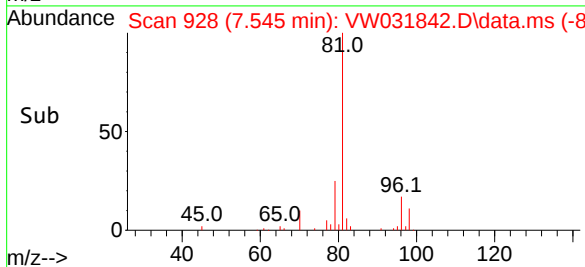
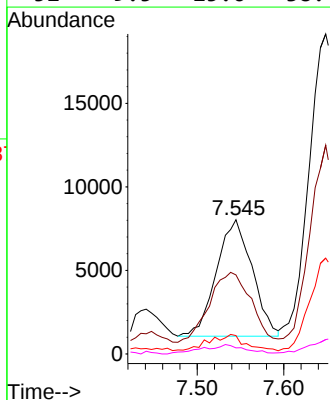
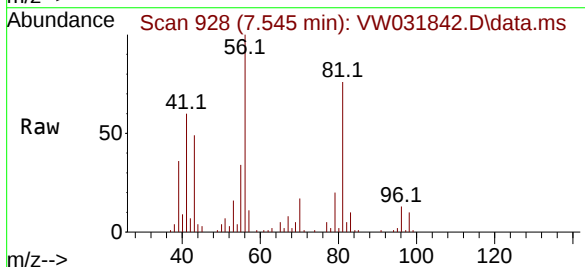
Delta R.T. 0.049 min

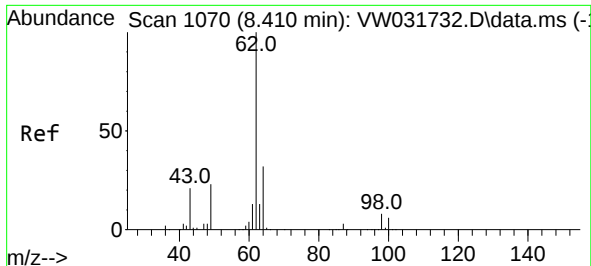
Lab File: VW031842.D

Acq: 14 Jul 2025 12:00

Tgt Ion: 41 Resp: 20045

Ion	Ratio	Lower	Upper
41	100		
39	69.0	43.2	64.8#
67	0.0	58.1	87.1#
52	9.5	25.6	38.4#





#42

1,2-Dichloroethane

Concen: 9.505 ug/l

RT: 8.453 min Scan# 1077

Delta R.T. 0.043 min

Lab File: VW031842.D

Acq: 14 Jul 2025 12:00

Instrument :

MSVOA_W

ClientSampleId :

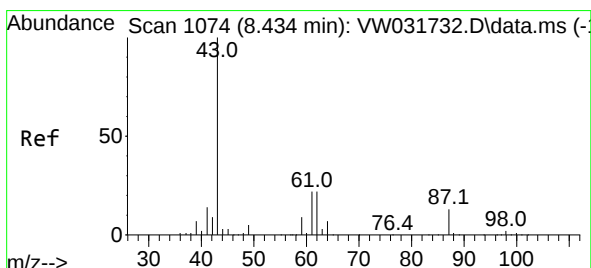
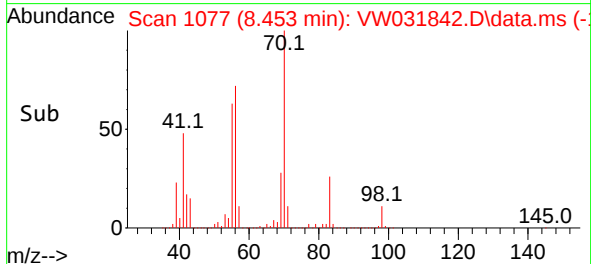
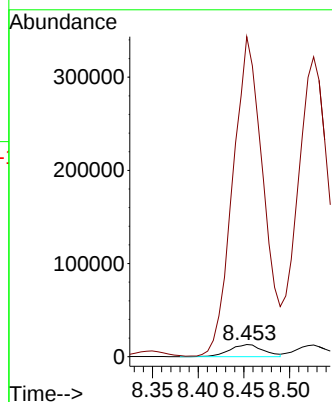
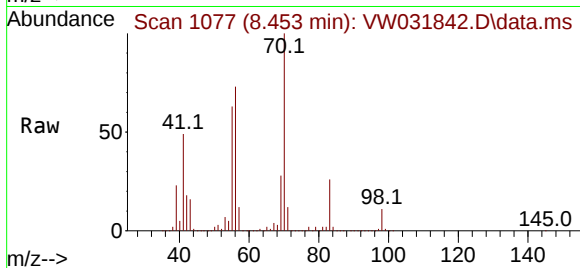
GCAP2

Tgt Ion: 62 Resp: 33440

Ion Ratio Lower Upper

62 100

98 2367.9 0.0 17.2#



#43

Isopropyl Acetate

Concen: 439.643 ug/l

RT: 8.441 min Scan# 1075

Delta R.T. 0.006 min

Lab File: VW031842.D

Acq: 14 Jul 2025 12:00

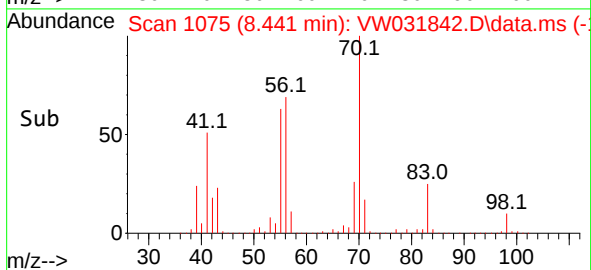
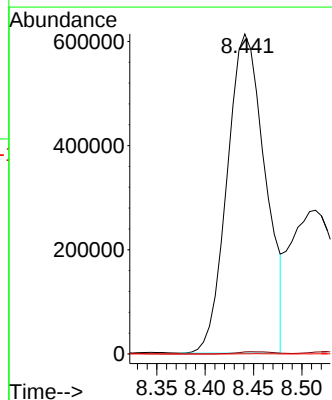
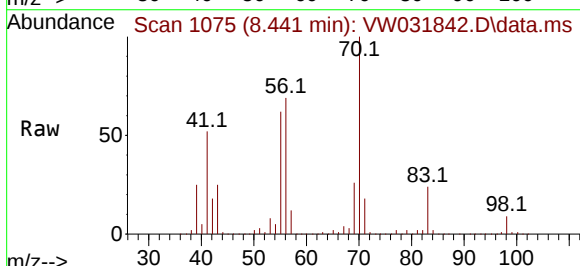
Tgt Ion: 43 Resp: 1682509

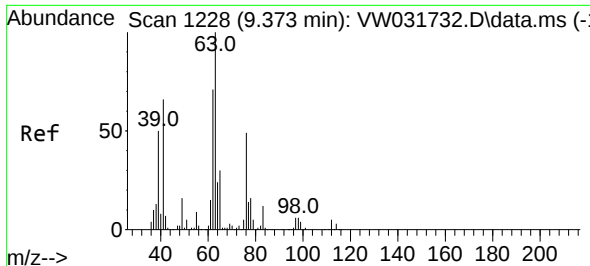
Ion Ratio Lower Upper

43 100

61 0.7 23.1 34.7#

87 0.1 10.8 16.2#

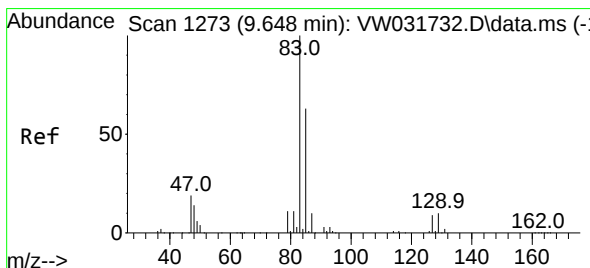
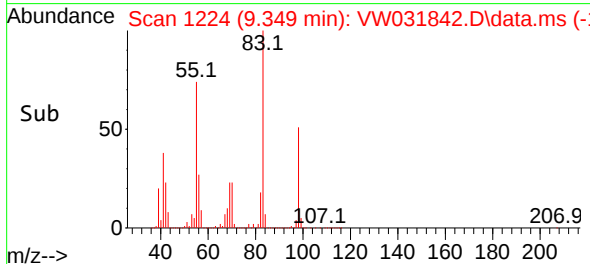
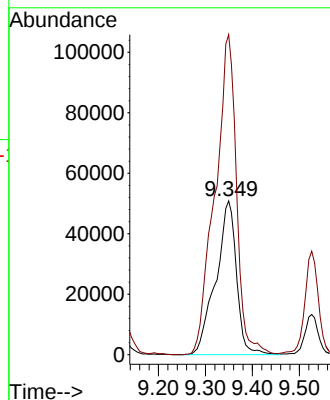
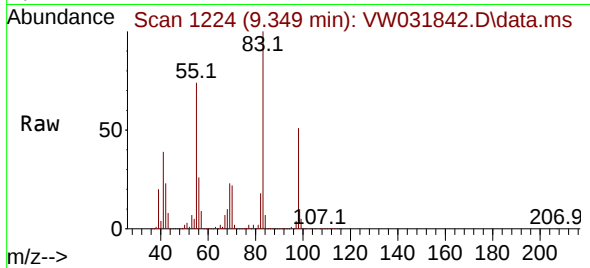




#45
1,2-Dichloropropane
Concen: 61.897 ug/l
RT: 9.349 min Scan# 11
Delta R.T. -0.024 min
Lab File: VW031842.D
Acq: 14 Jul 2025 12:00

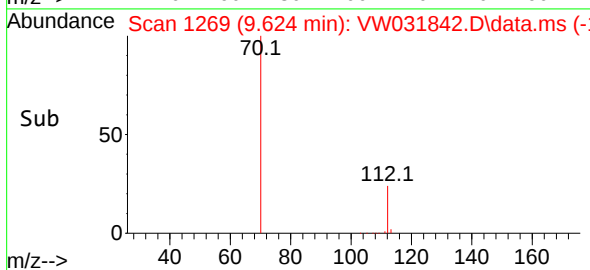
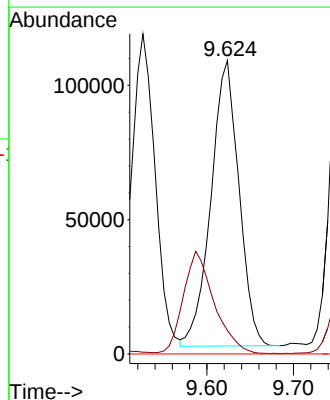
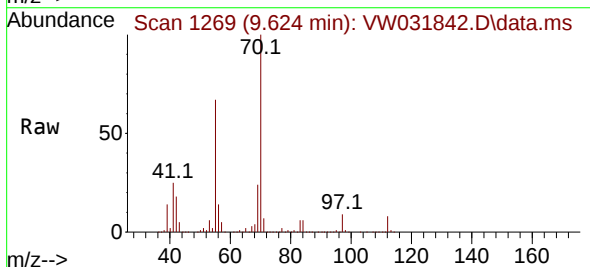
Instrument :
MSVOA_W
ClientSampleId :
GCAP2

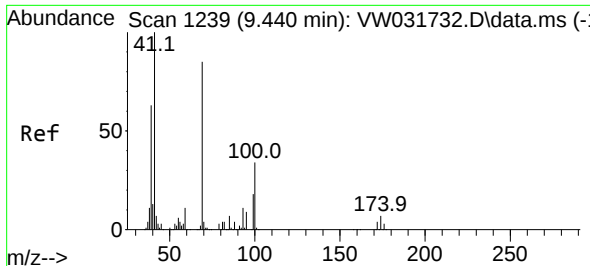
Tgt Ion: 63 Resp: 155766
Ion Ratio Lower Upper
63 100
65 208.2 24.2 36.4#



#47
Bromodichloromethane
Concen: 62.661 ug/l
RT: 9.624 min Scan# 1269
Delta R.T. -0.024 min
Lab File: VW031842.D
Acq: 14 Jul 2025 12:00

Tgt Ion: 83 Resp: 238733
Ion Ratio Lower Upper
83 100
85 8.1 50.8 76.2#
127 0.0 6.8 10.2#

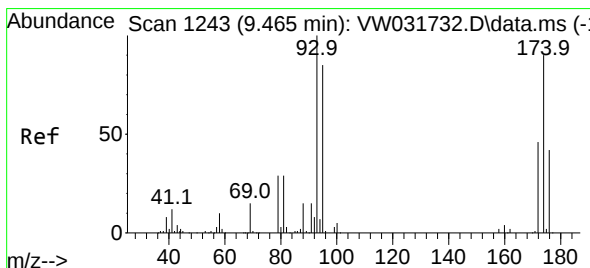
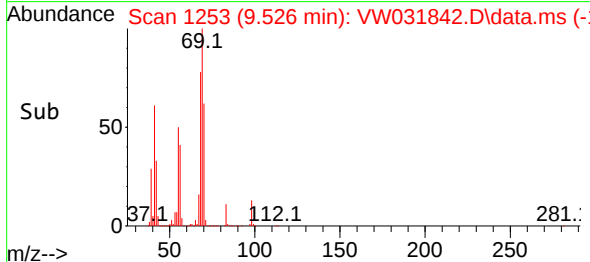
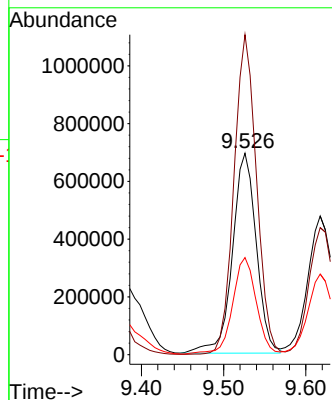
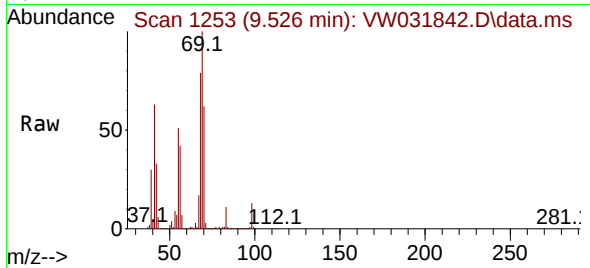




#48
Methyl methacrylate
Concen: 743.862 ug/l
RT: 9.526 min Scan# 11
Delta R.T. 0.086 min
Lab File: VW031842.D
Acq: 14 Jul 2025 12:00

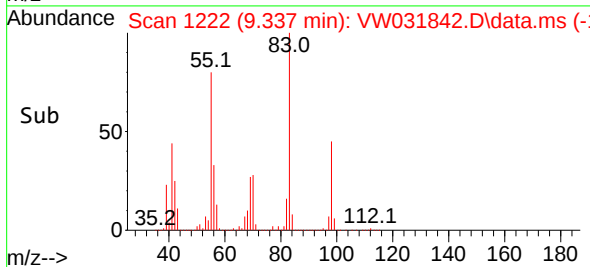
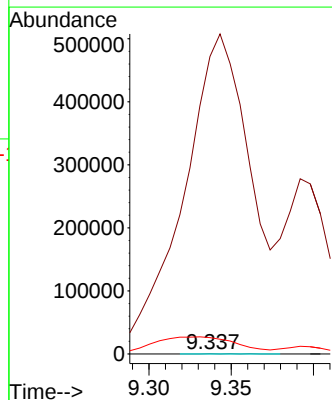
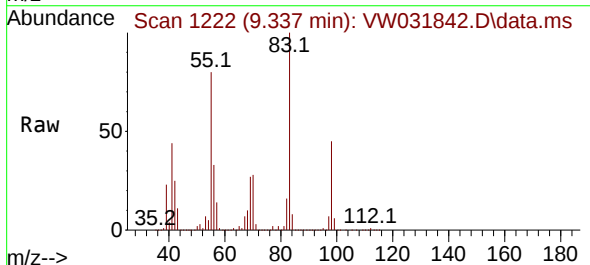
Instrument :
MSVOA_W
ClientSampleId :
GCAP2

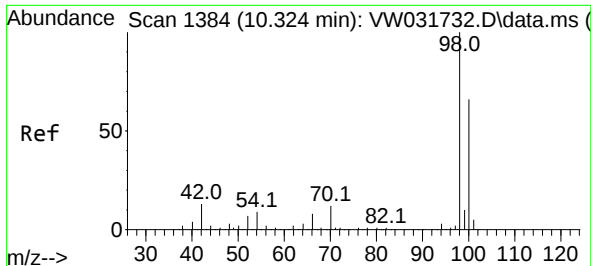
Tgt Ion: 41 Resp: 1399767
Ion Ratio Lower Upper
41 100
69 150.8 71.6 107.4#
39 47.5 49.5 74.3#



#49
1,4-Dioxane
Concen: 16.186 ug/l
RT: 9.337 min Scan# 1222
Delta R.T. -0.128 min
Lab File: VW031842.D
Acq: 14 Jul 2025 12:00

Tgt Ion: 88 Resp: 308
Ion Ratio Lower Upper
88 100
43 466346.1 0.0 0.0#
58 32056.2 58.3 87.5#





#50

Toluene-d8

Concen: 96.107 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW031842.D

Acq: 14 Jul 2025 12:00

Instrument :

MSVOA_W

ClientSampleId :

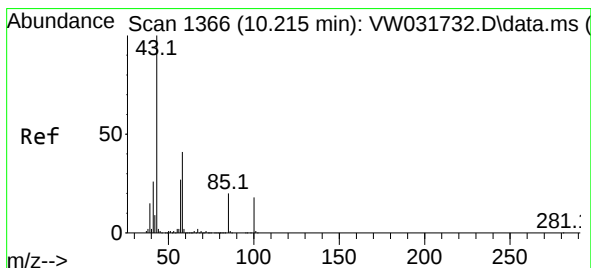
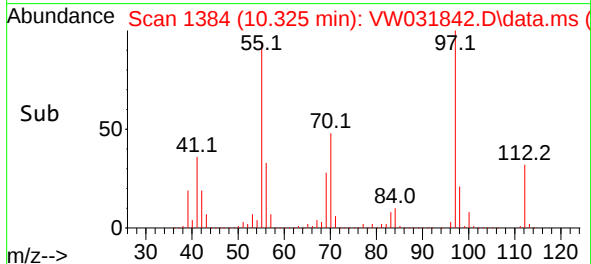
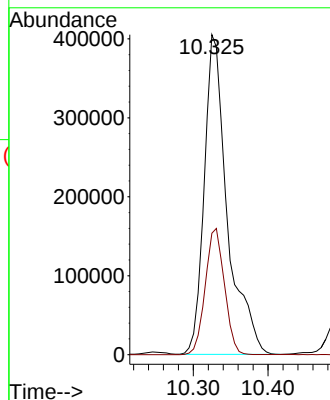
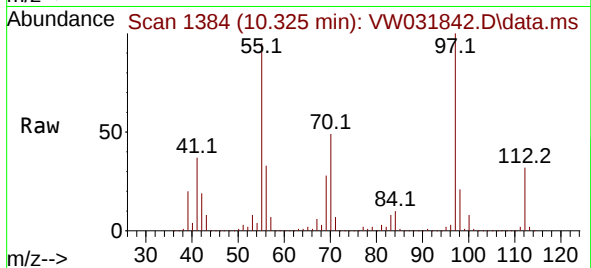
GCAP2

Tgt Ion: 98 Resp: 869854

Ion Ratio Lower Upper

98 100

100 32.8 53.0 79.4#



#51

4-Methyl-2-Pentanone

Concen: 53.700 ug/l

RT: 10.252 min Scan# 1372

Delta R.T. 0.037 min

Lab File: VW031842.D

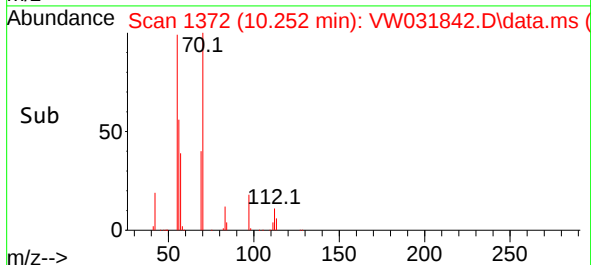
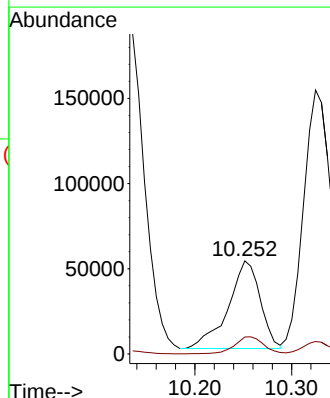
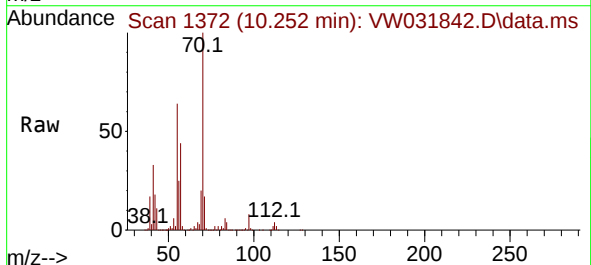
Acq: 14 Jul 2025 12:00

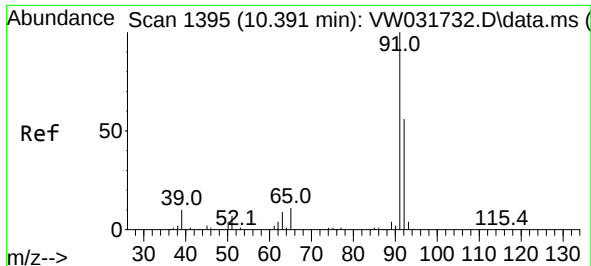
Tgt Ion: 43 Resp: 118150

Ion Ratio Lower Upper

43 100

58 17.6 32.2 48.2#

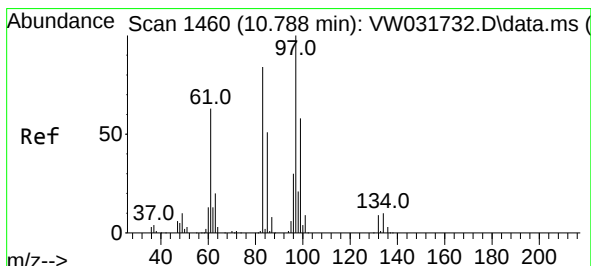
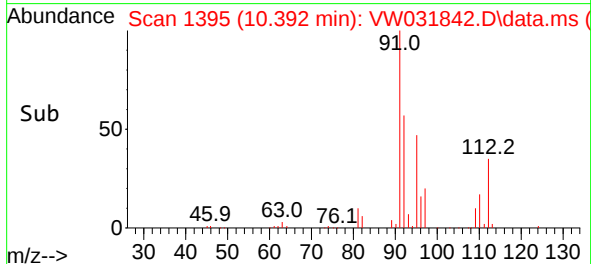
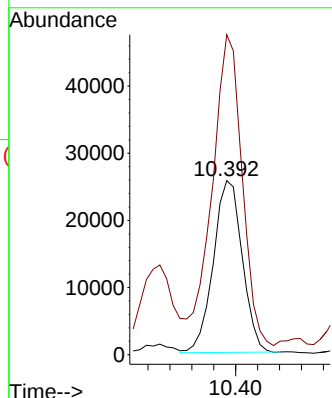
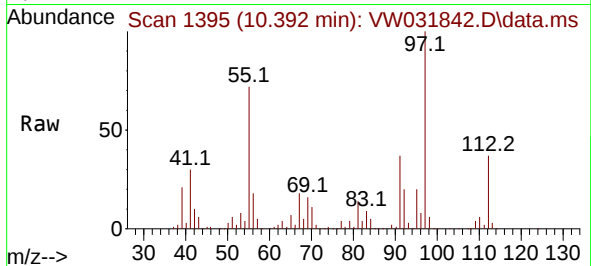




#52
Toluene
Concen: 7.038 ug/l
RT: 10.392 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031842.D
Acq: 14 Jul 2025 12:00

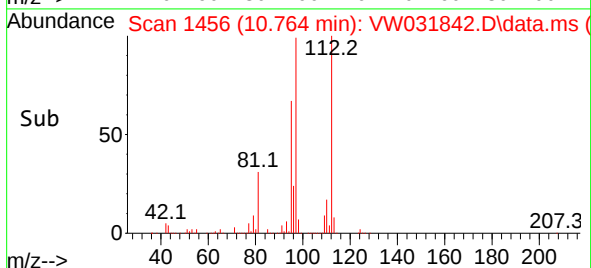
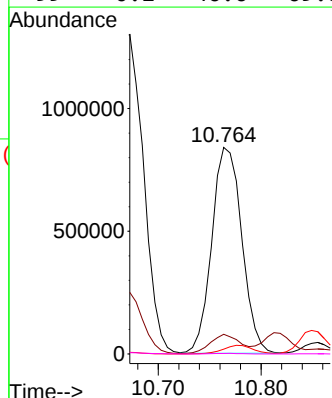
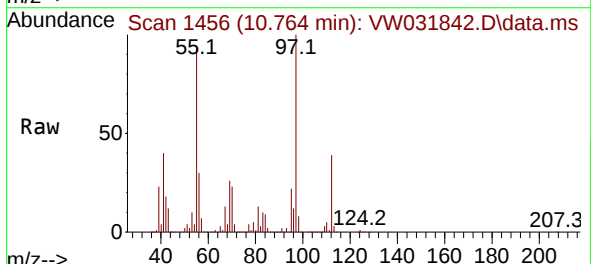
Instrument :
MSVOA_W
ClientSampleId :
GCAP2

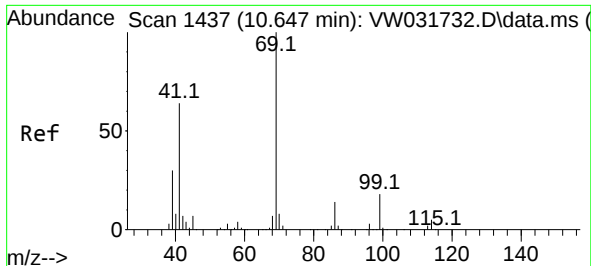
Tgt Ion: 92 Resp: 46919
Ion Ratio Lower Upper
92 100
91 186.2 139.5 209.3



#55
1,1,2-Trichloroethane
Concen: 799.055 ug/l
RT: 10.764 min Scan# 1456
Delta R.T. -0.024 min
Lab File: VW031842.D
Acq: 14 Jul 2025 12:00

Tgt Ion: 97 Resp: 1700573
Ion Ratio Lower Upper
97 100
83 9.3 66.9 100.3#
85 2.3 41.1 61.7#
99 0.2 46.6 69.8#

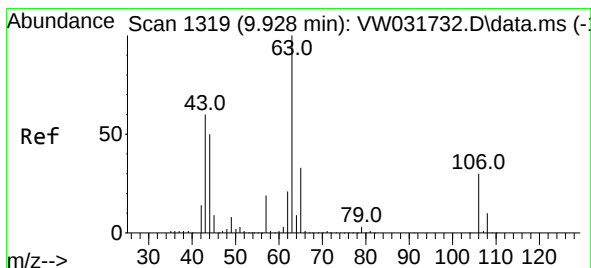
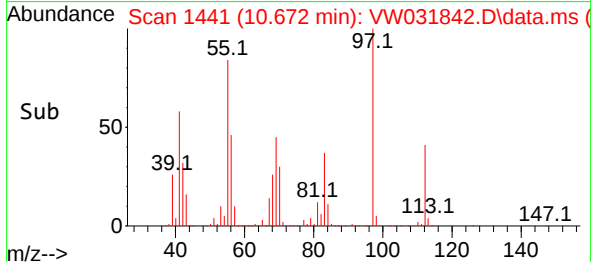
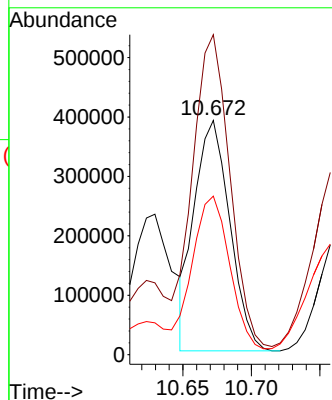
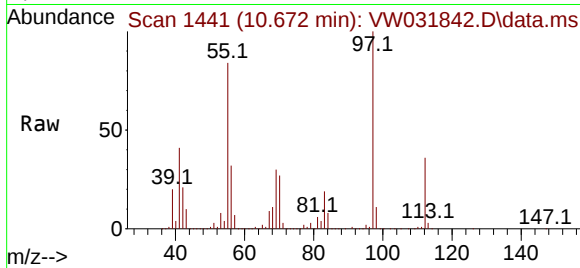




#56
Ethyl methacrylate
Concen: 242.475 ug/l
RT: 10.672 min Scan# 1437
Delta R.T. 0.025 min
Lab File: VW031842.D
Acq: 14 Jul 2025 12:00

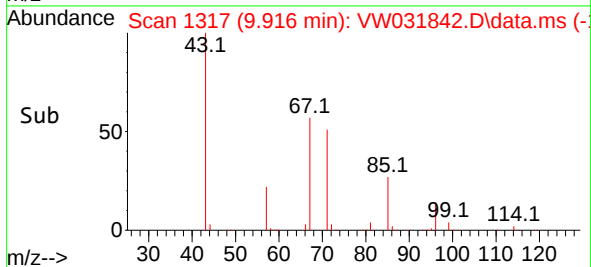
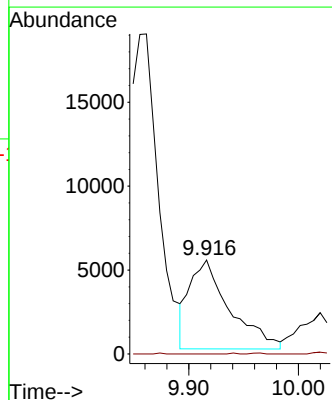
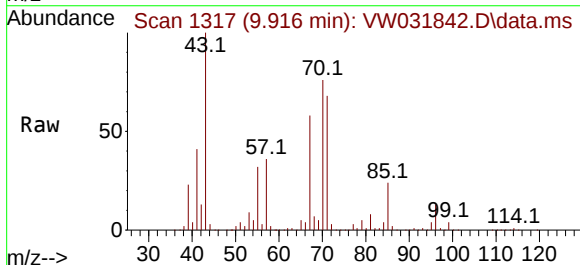
Instrument :
MSVOA_W
ClientSampleId :
GCAP2

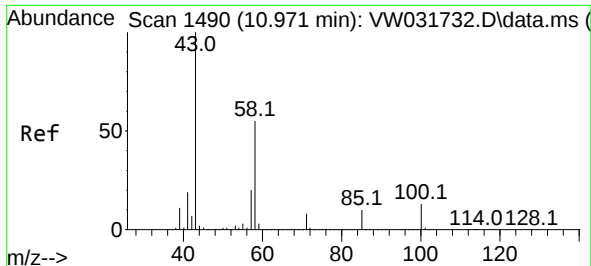
Tgt Ion: 69 Resp: 700100
Ion Ratio Lower Upper
69 100
41 140.8 53.3 79.9#
39 69.6 30.2 45.2#



#58
2-Chloroethyl Vinyl ether
Concen: 8.481 ug/l
RT: 9.916 min Scan# 1317
Delta R.T. -0.012 min
Lab File: VW031842.D
Acq: 14 Jul 2025 12:00

Tgt Ion: 63 Resp: 13484
Ion Ratio Lower Upper
63 100
106 0.0 24.1 36.1#

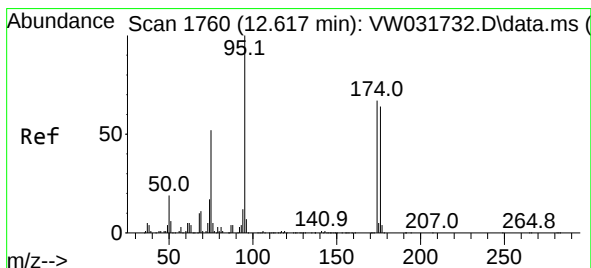
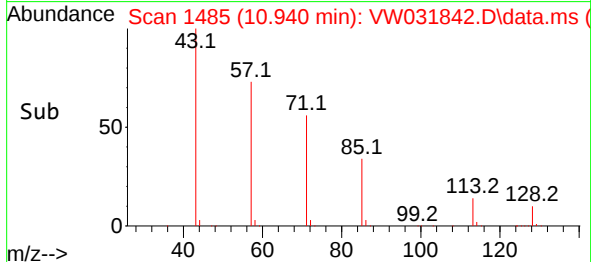
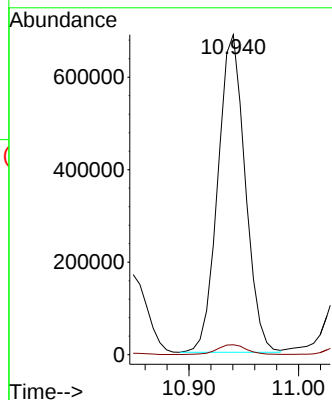
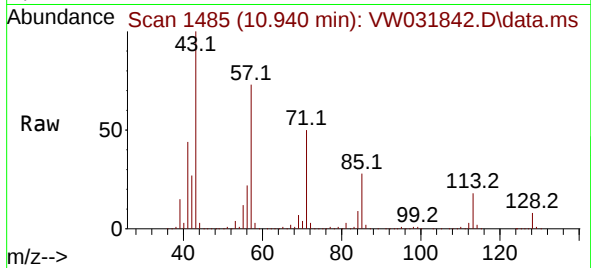




#59
2-Hexanone
Concen: 798.981 ug/l
RT: 10.940 min Scan# 1490
Delta R.T. -0.030 min
Lab File: VW031842.D
Acq: 14 Jul 2025 12:00

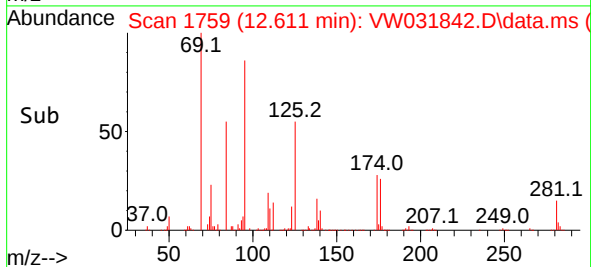
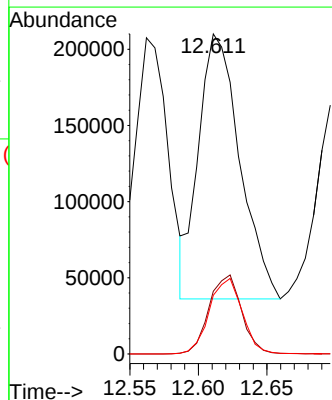
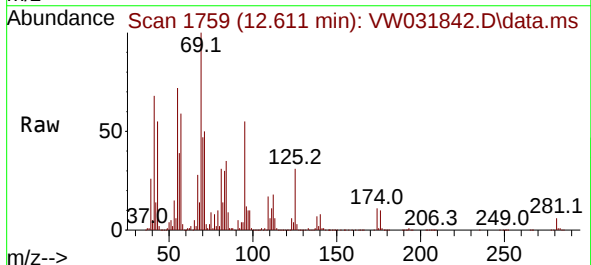
Instrument :
MSVOA_W
ClientSampleId :
GCAP2

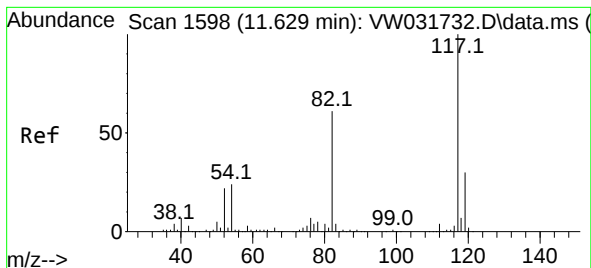
Tgt Ion: 43 Resp: 1191222
Ion Ratio Lower Upper
43 100
58 3.4 27.9 83.6#



#62
4-Bromofluorobenzene
Concen: 109.150 ug/l
RT: 12.611 min Scan# 1759
Delta R.T. -0.006 min
Lab File: VW031842.D
Acq: 14 Jul 2025 12:00

Tgt Ion: 95 Resp: 363550
Ion Ratio Lower Upper
95 100
174 23.8 0.0 133.8
176 22.8 0.0 126.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031842.D

Acq: 14 Jul 2025 12:00

Instrument :

MSVOA_W

ClientSampleId :

GCAP2

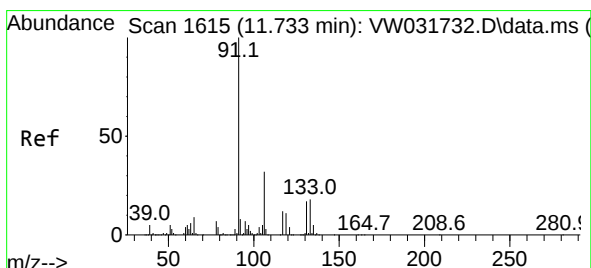
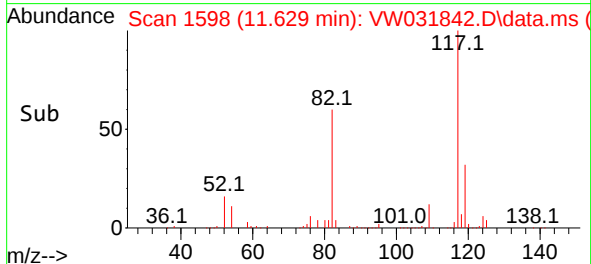
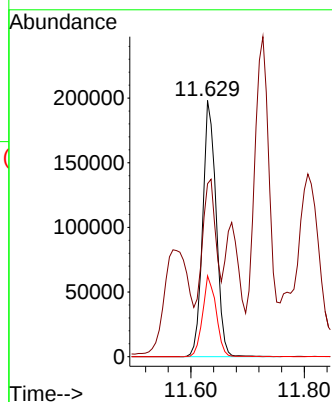
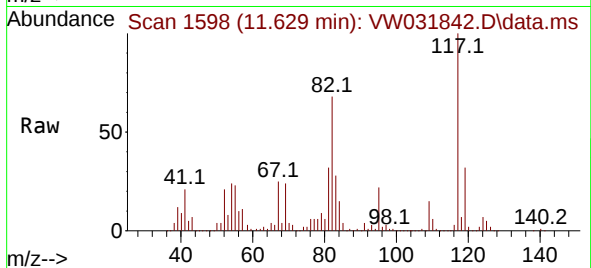
Tgt Ion:117 Resp: 325281

Ion Ratio Lower Upper

117 100

82 46.5 48.6 72.8#

119 31.6 23.9 35.9



#67

Ethyl Benzene

Concen: 2.562 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.000 min

Lab File: VW031842.D

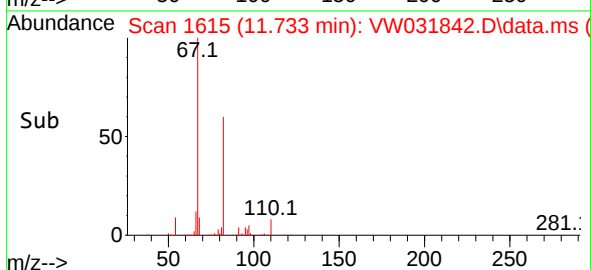
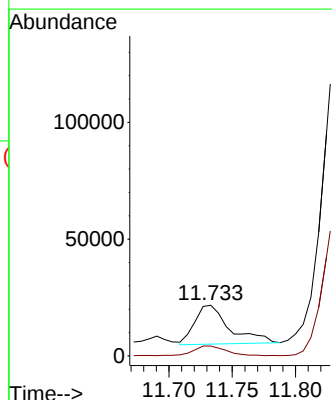
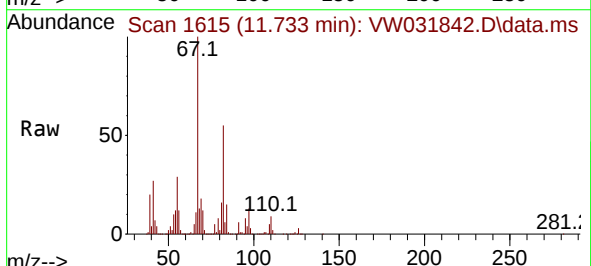
Acq: 14 Jul 2025 12:00

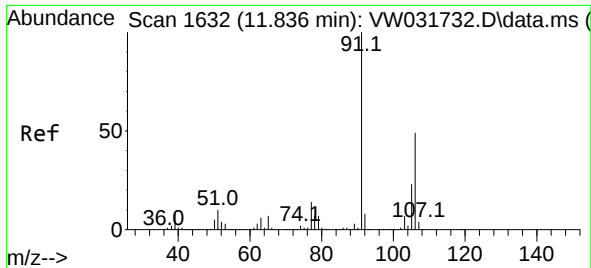
Tgt Ion: 91 Resp: 31880

Ion Ratio Lower Upper

91 100

106 26.0 25.4 38.2

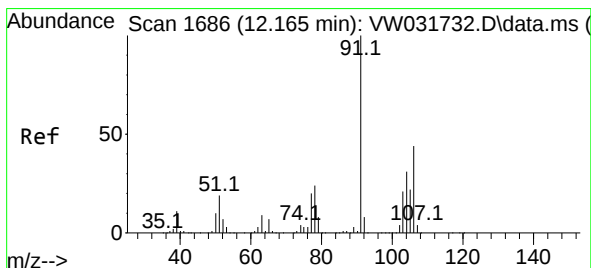
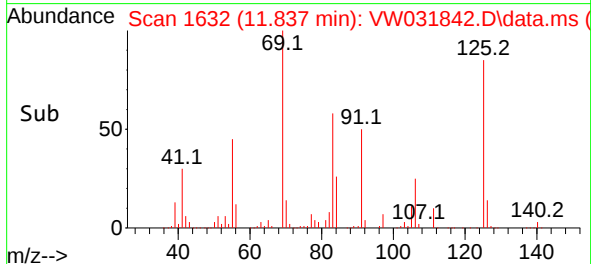
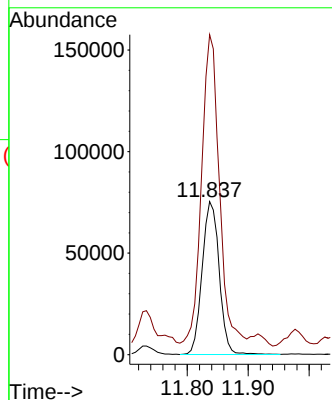
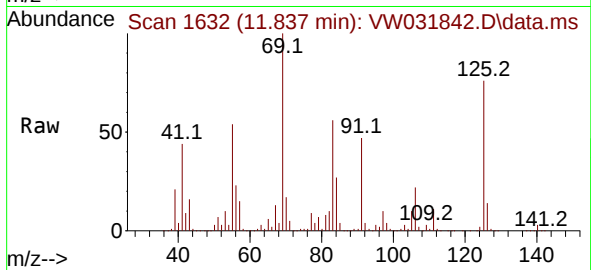




#68
m/p-Xylenes
Concen: 30.539 ug/l
RT: 11.837 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031842.D
Acq: 14 Jul 2025 12:00

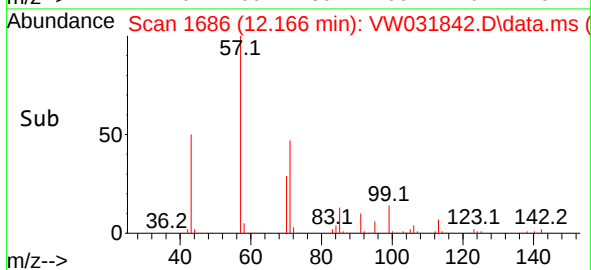
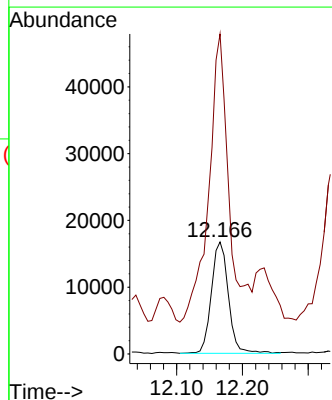
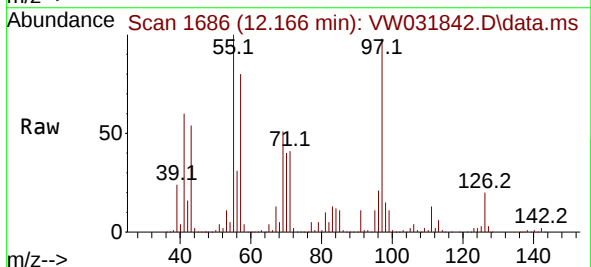
Instrument :
MSVOA_W
ClientSampleId :
GCAP2

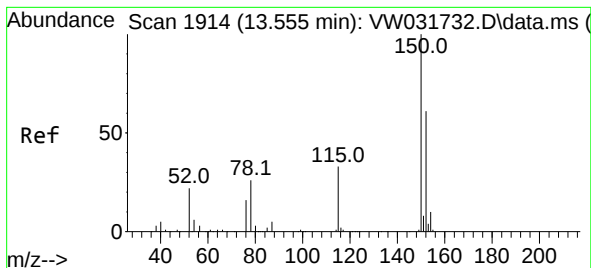
Tgt Ion:106 Resp: 146099
Ion Ratio Lower Upper
106 100
91 208.5 166.4 249.6



#69
o-Xylene
Concen: 6.759 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW031842.D
Acq: 14 Jul 2025 12:00

Tgt Ion:106 Resp: 29941
Ion Ratio Lower Upper
106 100
91 295.1 111.5 334.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.562 min Scan# 1915

Delta R.T. 0.006 min

Lab File: VW031842.D

Acq: 14 Jul 2025 12:00

Instrument :

MSVOA_W

ClientSampleId :

GCAP2

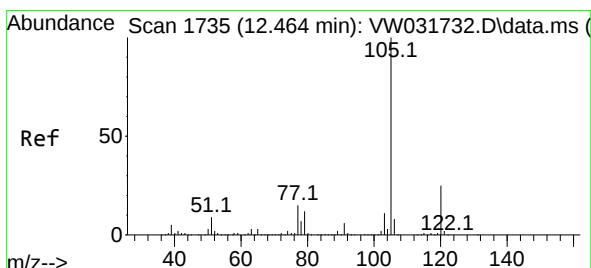
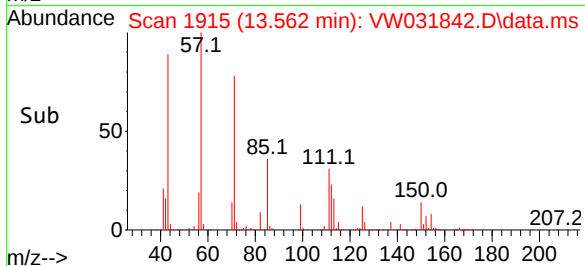
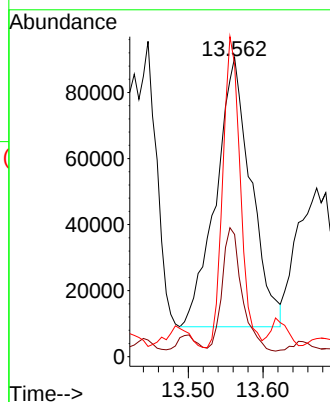
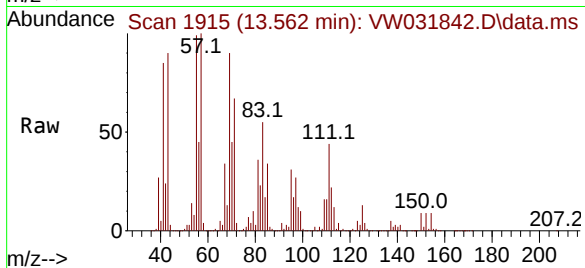
Tgt Ion:152 Resp: 266911

Ion Ratio Lower Upper

152 100

115 25.9 31.9 95.7#

150 57.6 0.0 356.4



#73

Isopropylbenzene

Concen: 20.110 ug/l

RT: 12.465 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VW031842.D

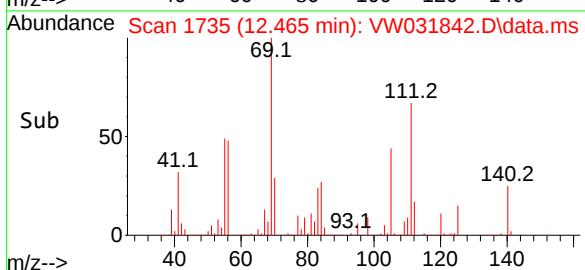
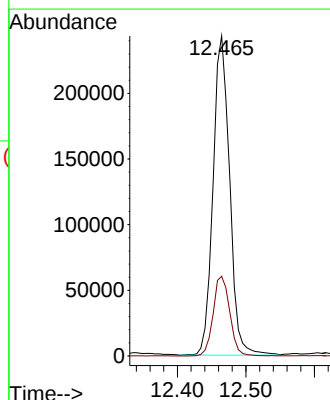
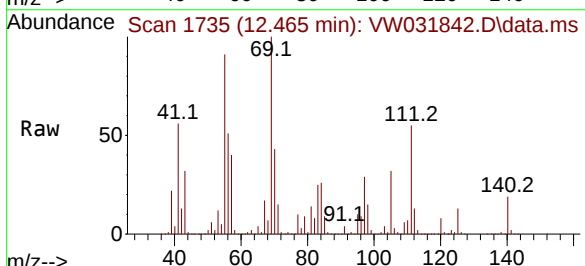
Acq: 14 Jul 2025 12:00

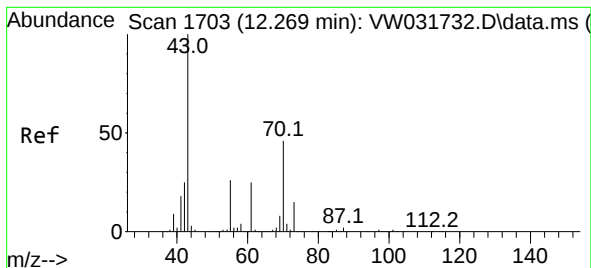
Tgt Ion:105 Resp: 408291

Ion Ratio Lower Upper

105 100

120 25.0 12.8 38.4





#74

N-ethyl acetate

Concen: 653.809 ug/l

RT: 12.257 min Scan# 1701

Delta R.T. -0.012 min

Lab File: VW031842.D

Acq: 14 Jul 2025 12:00

Instrument :

MSVOA_W

ClientSampleId :

GCAP2

Tgt Ion: 43 Resp: 3577809

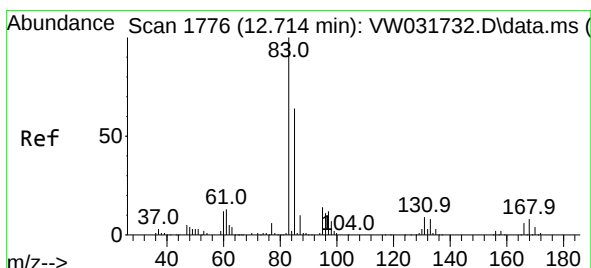
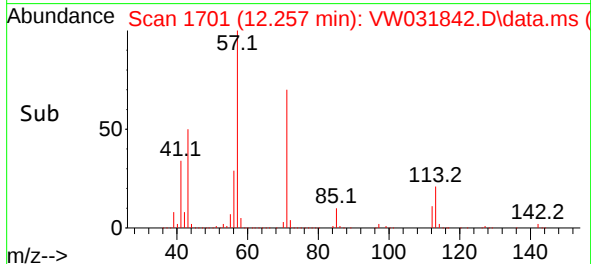
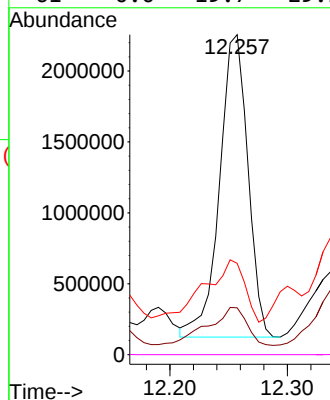
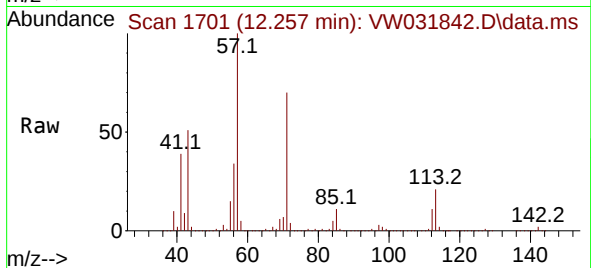
Ion Ratio Lower Upper

43 100

70 17.4 36.0 54.0#

55 28.5 20.8 31.2

61 0.0 19.7 29.5#



#75

1,1,2,2-Tetrachloroethane

Concen: 70.416 ug/l

RT: 12.690 min Scan# 1772

Delta R.T. -0.024 min

Lab File: VW031842.D

Acq: 14 Jul 2025 12:00

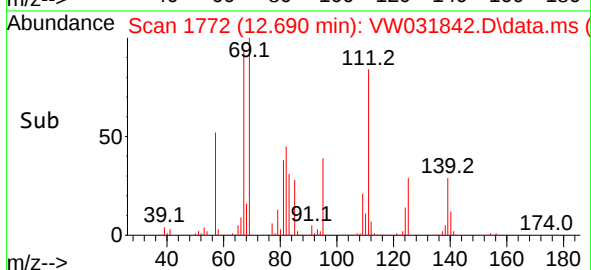
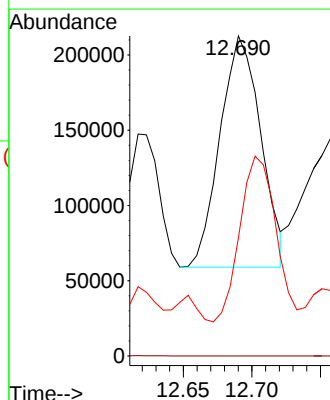
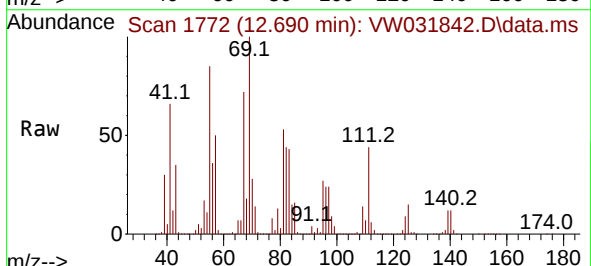
Tgt Ion: 83 Resp: 317392

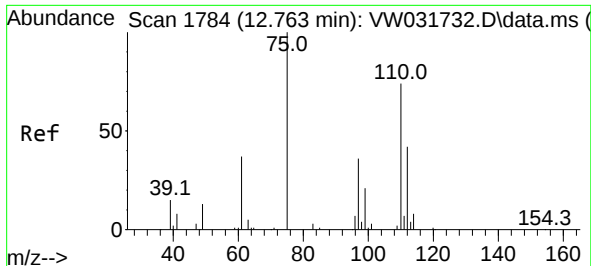
Ion Ratio Lower Upper

83 100

131 0.0 5.3 16.1#

85 62.8 32.0 96.2

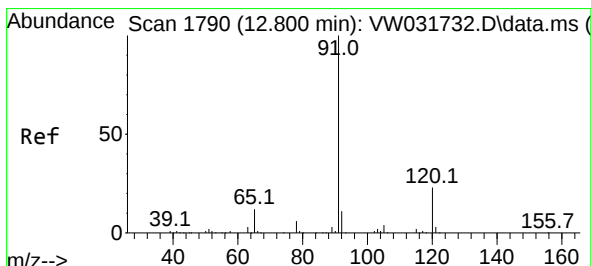
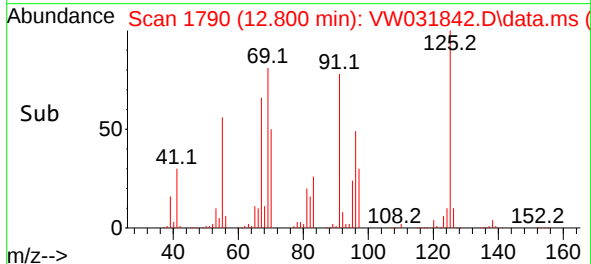
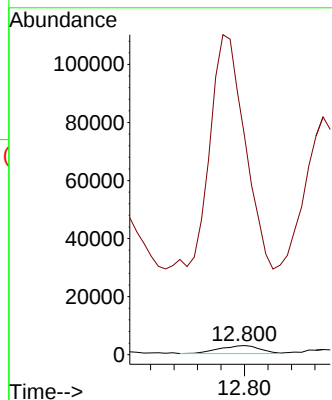
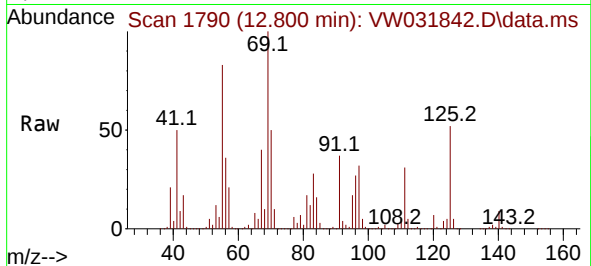




#76
1,2,3-Trichloropropane
Concen: 1.938 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.037 min
Lab File: VW031842.D
Acq: 14 Jul 2025 12:00

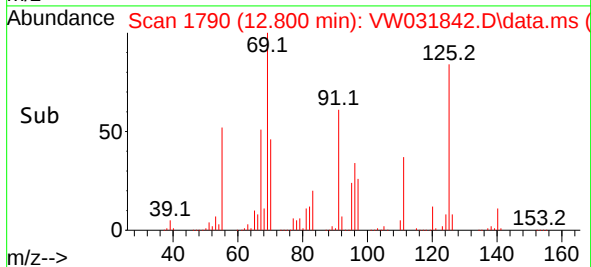
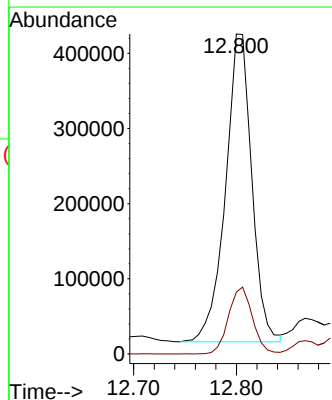
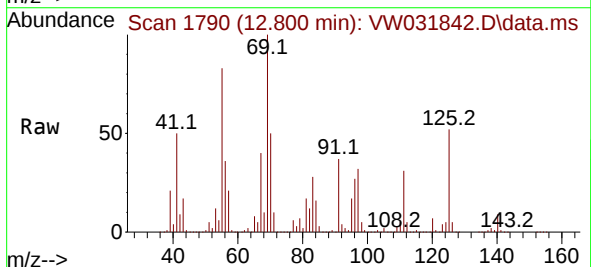
Instrument :
MSVOA_W
ClientSampleId :
GCAP2

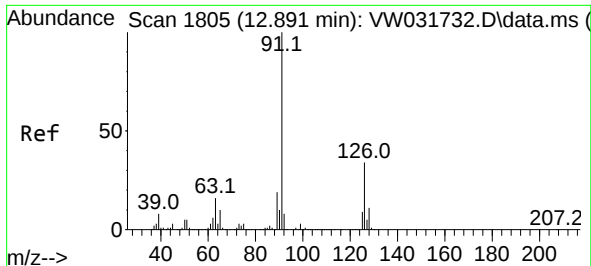
Tgt Ion: 75 Resp: 6684
Ion Ratio Lower Upper
75 100
77 2430.2 141.2 423.6#



#78
n-propylbenzene
Concen: 29.960 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW031842.D
Acq: 14 Jul 2025 12:00

Tgt Ion: 91 Resp: 728394
Ion Ratio Lower Upper
91 100
120 19.8 11.5 34.4

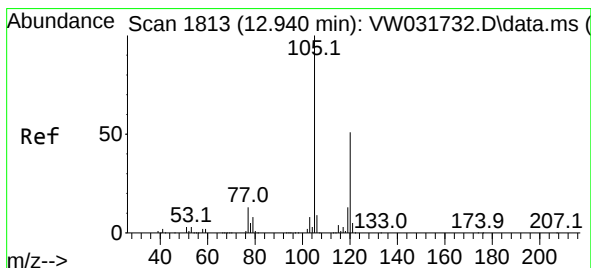
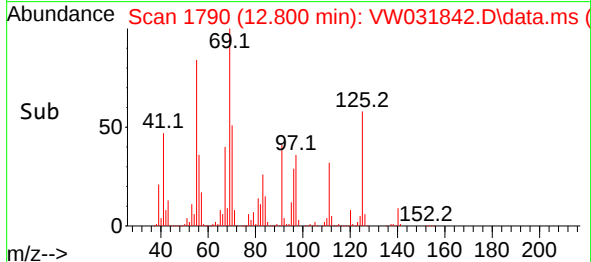
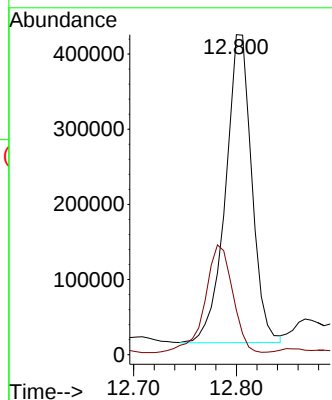
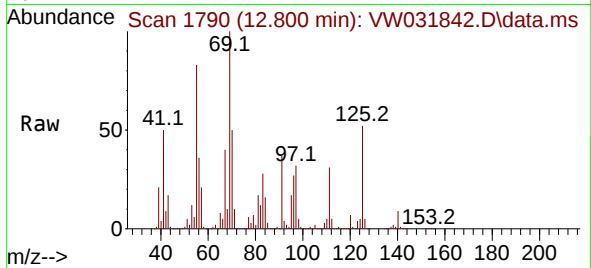




#79
2-Chlorotoluene
Concen: 49.832 ug/l
RT: 12.800 min Scan# 11
Delta R.T. -0.091 min
Lab File: VW031842.D
Acq: 14 Jul 2025 12:00

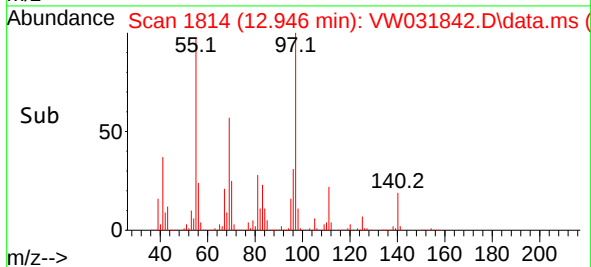
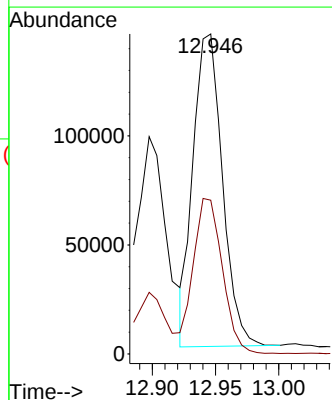
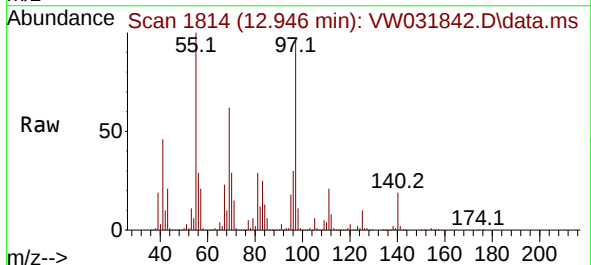
Instrument :
MSVOA_W
ClientSampleId :
GCAP2

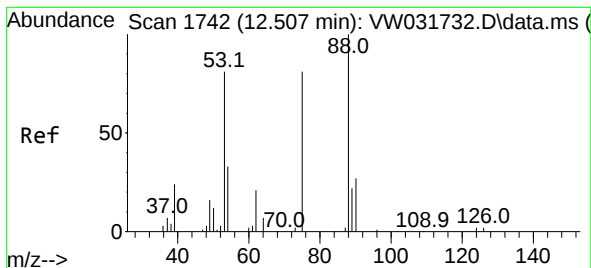
Tgt Ion: 91 Resp: 729538
Ion Ratio Lower Upper
91 100
126 36.9 15.8 47.4



#80
1,3,5-Trimethylbenzene
Concen: 13.748 ug/l
RT: 12.946 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VW031842.D
Acq: 14 Jul 2025 12:00

Tgt Ion: 105 Resp: 231040
Ion Ratio Lower Upper
105 100
120 50.4 23.8 71.2

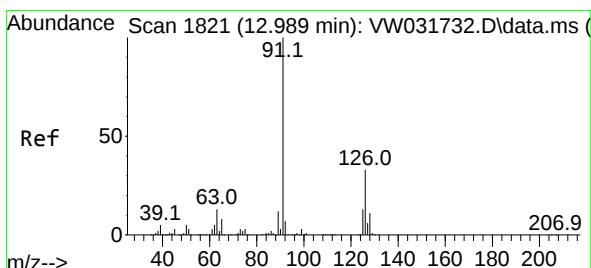
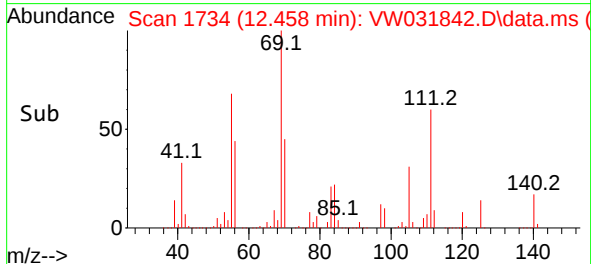
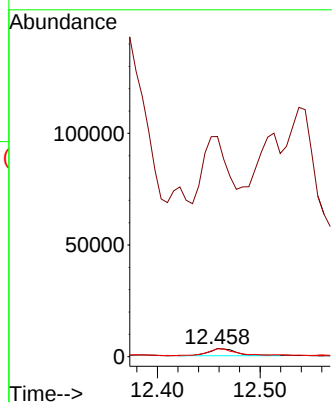
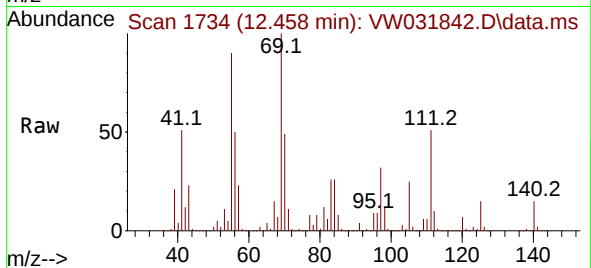




#81
trans-1,4-Dichloro-2-butene
Concen: 4.091 ug/l
RT: 12.458 min Scan# 11
Delta R.T. -0.048 min
Lab File: VW031842.D
Acq: 14 Jul 2025 12:00

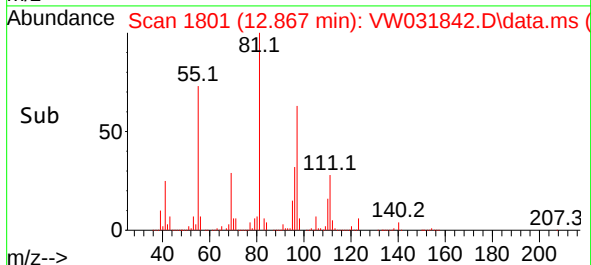
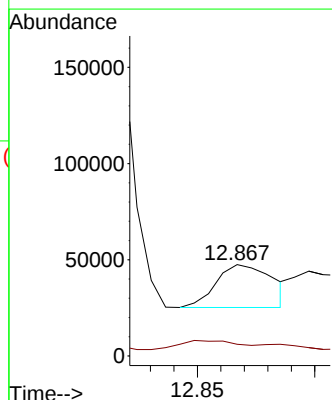
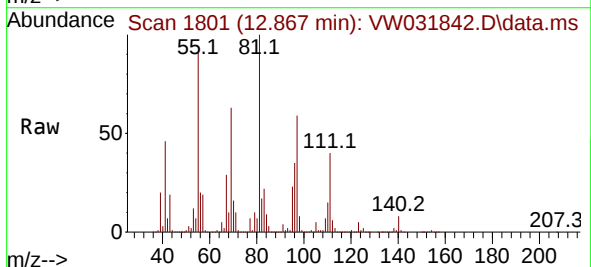
Instrument :
MSVOA_W
ClientSampleId :
GCAP2

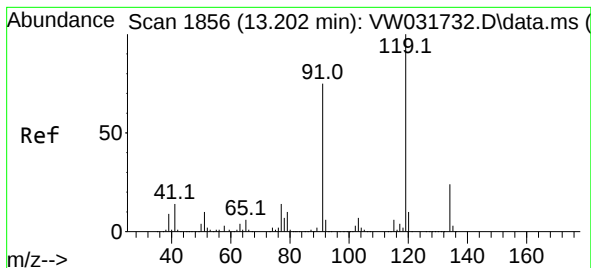
Tgt Ion: 75 Resp: 6059
Ion Ratio Lower Upper
75 100
53 1661.0 83.5 125.3#
89 101.8 38.3 57.5#



#82
4-Chlorotoluene
Concen: 2.407 ug/l
RT: 12.867 min Scan# 1801
Delta R.T. -0.122 min
Lab File: VW031842.D
Acq: 14 Jul 2025 12:00

Tgt Ion: 91 Resp: 36998
Ion Ratio Lower Upper
91 100
126 22.1 16.0 47.9





#83

tert-Butylbenzene

Concen: 1.213 ug/l

RT: 13.208 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VW031842.D

Acq: 14 Jul 2025 12:00

Instrument :

MSVOA_W

ClientSampleId :

GCAP2

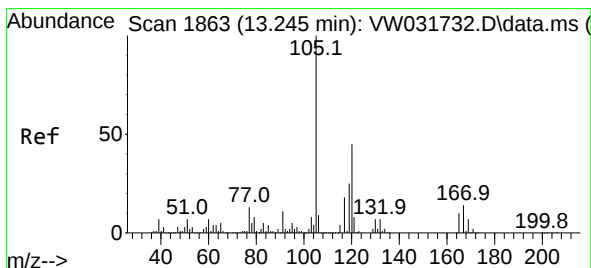
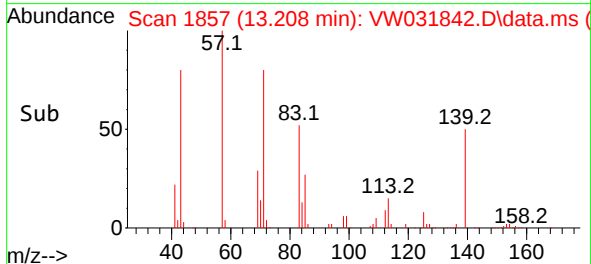
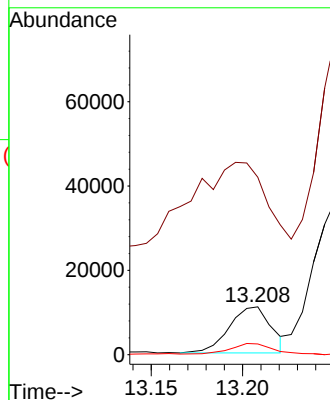
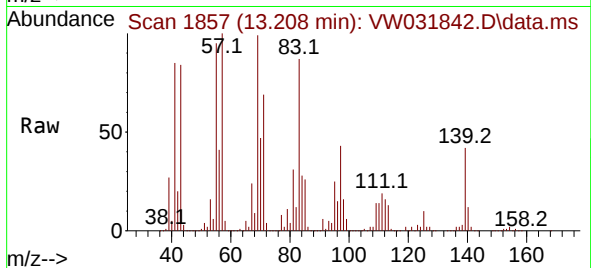
Tgt Ion:119 Resp: 17462

Ion Ratio Lower Upper

119 100

91 312.9 36.0 108.1#

134 25.6 12.4 37.2



#84

1,2,4-Trimethylbenzene

Concen: 28.175 ug/l

RT: 13.251 min Scan# 1864

Delta R.T. 0.006 min

Lab File: VW031842.D

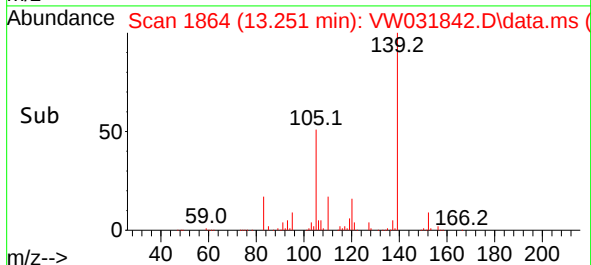
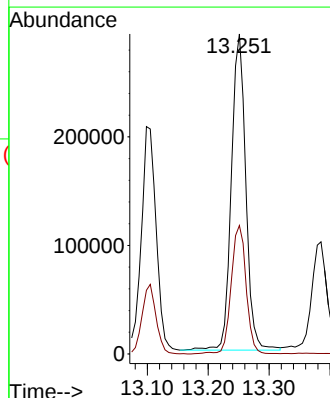
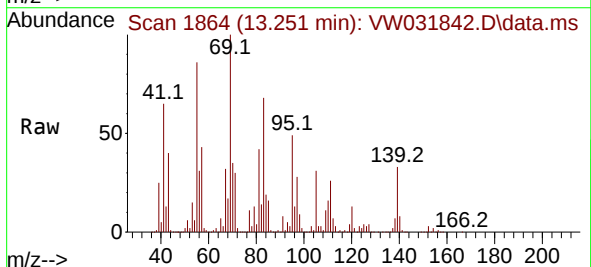
Acq: 14 Jul 2025 12:00

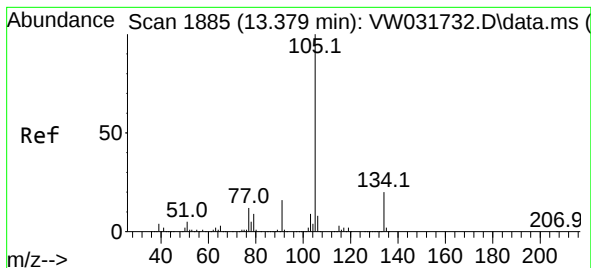
Tgt Ion:105 Resp: 479752

Ion Ratio Lower Upper

105 100

120 42.1 22.1 66.1





#85

sec-Butylbenzene

Concen: 7.670 ug/l

RT: 13.385 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VW031842.D

Acq: 14 Jul 2025 12:00

Instrument :

MSVOA_W

ClientSampleId :

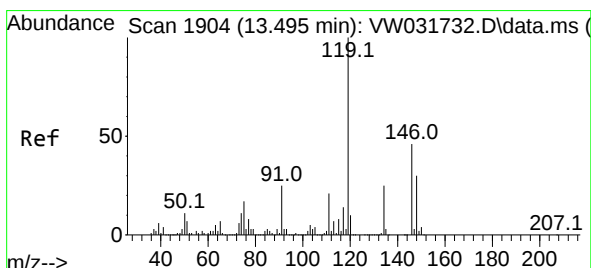
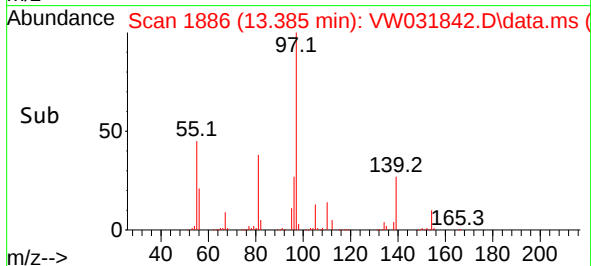
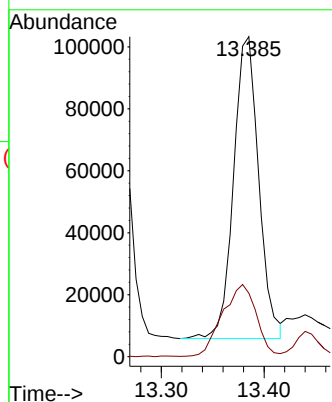
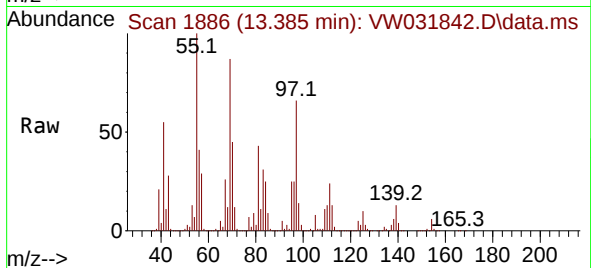
GCAP2

Tgt Ion:105 Resp: 165724

Ion Ratio Lower Upper

105 100

134 32.0 9.6 28.8#



#86

p-Isopropyltoluene

Concen: 6.059 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031842.D

Acq: 14 Jul 2025 12:00

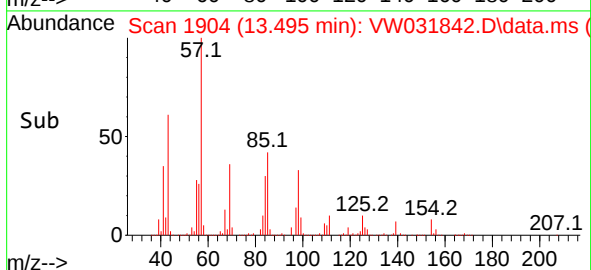
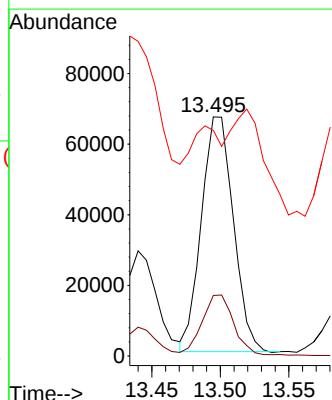
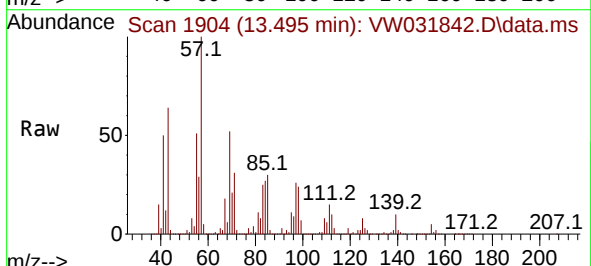
Tgt Ion:119 Resp: 107889

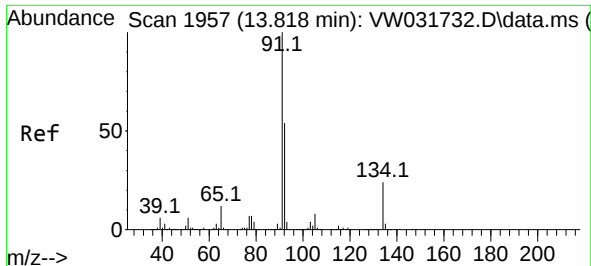
Ion Ratio Lower Upper

119 100

134 25.8 12.9 38.7

91 12.7 12.7 38.0

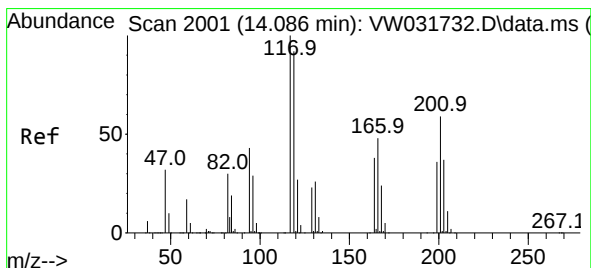
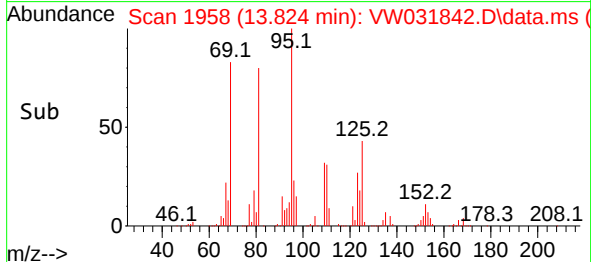
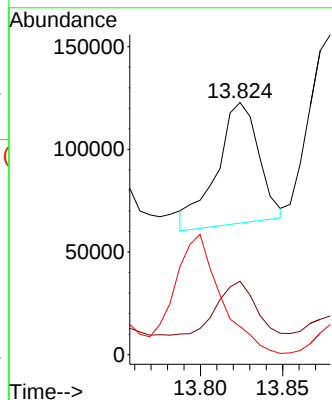
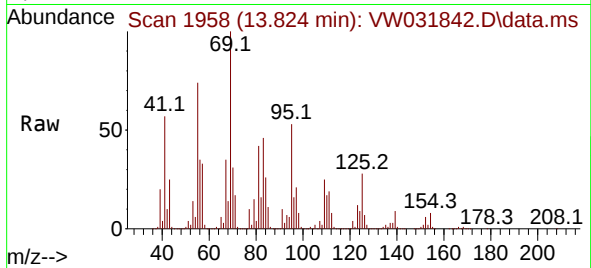




#89
n-Butylbenzene
Concen: 6.073 ug/l
RT: 13.824 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VW031842.D
Acq: 14 Jul 2025 12:00

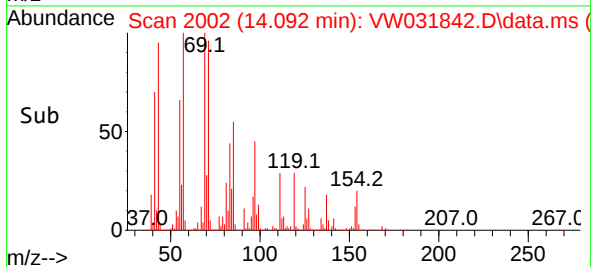
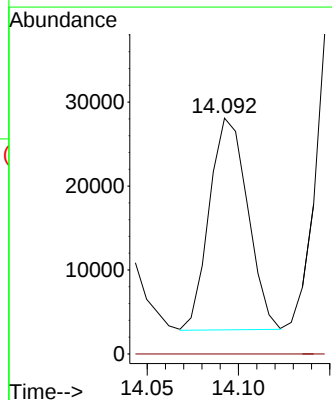
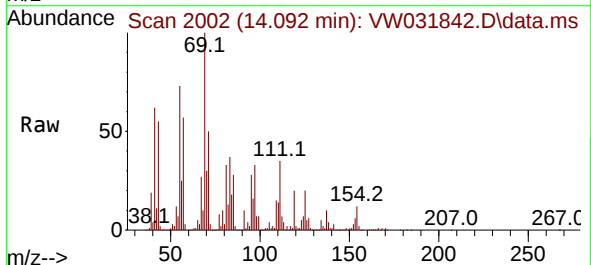
Instrument :
MSVOA_W
ClientSampleId :
GCAP2

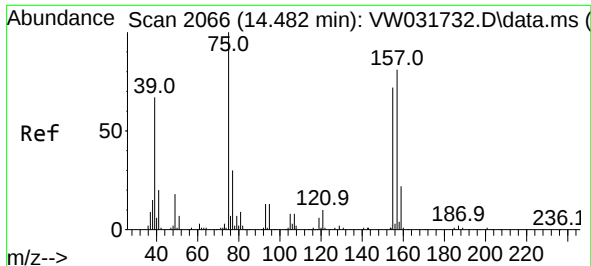
Tgt Ion: 91 Resp: 105068
Ion Ratio Lower Upper
91 100
92 48.5 27.2 81.5
134 0.0 12.2 36.6#



#90
Hexachloroethane
Concen: 11.480 ug/l
RT: 14.092 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VW031842.D
Acq: 14 Jul 2025 12:00

Tgt Ion: 117 Resp: 36880
Ion Ratio Lower Upper
117 100
201 0.0 31.1 93.3#

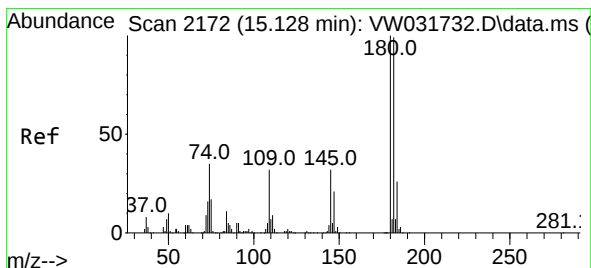
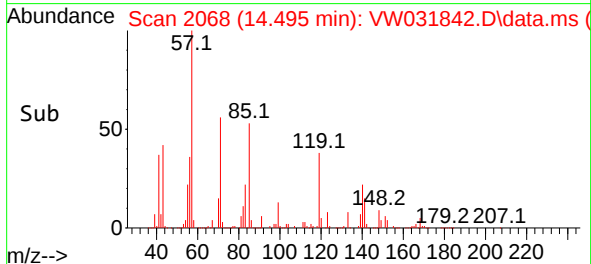
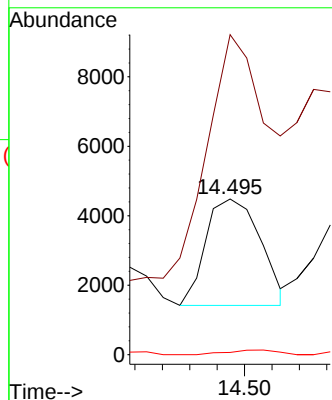
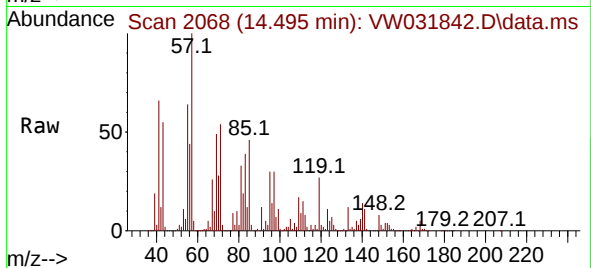




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.829 ug/l
 RT: 14.495 min Scan# 2068
 Delta R.T. 0.013 min
 Lab File: VW031842.D
 Acq: 14 Jul 2025 12:00

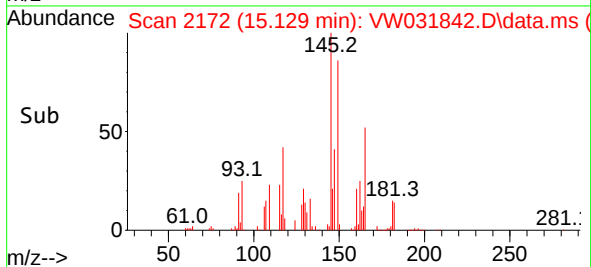
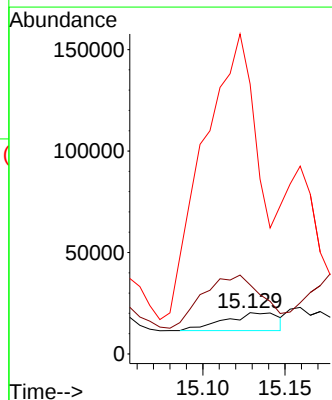
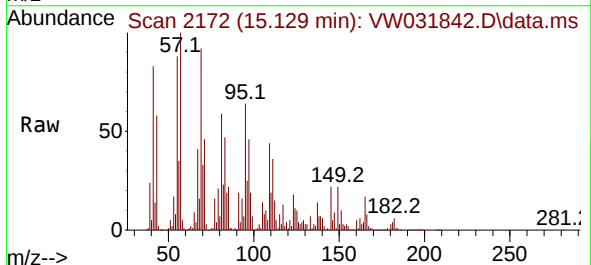
Instrument :
 MSVOA_W
 ClientSampleId :
 GCAP2

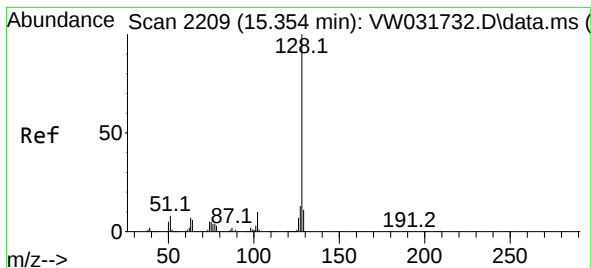
Tgt Ion: 75 Resp: 4250
 Ion Ratio Lower Upper
 75 100
 155 258.8 37.2 111.6#
 157 4.0 45.6 136.9#



#93
 1,2,4-Trichlorobenzene
 Concen: 3.901 ug/l
 RT: 15.129 min Scan# 2172
 Delta R.T. 0.000 min
 Lab File: VW031842.D
 Acq: 14 Jul 2025 12:00

Tgt Ion: 180 Resp: 19968
 Ion Ratio Lower Upper
 180 100
 182 333.8 48.6 145.9#
 145 1921.6 17.3 51.7#





#95

Naphthalene

Concen: 6.137 ug/l

RT: 15.324 min Scan# 21

Delta R.T. -0.030 min

Lab File: VW031842.D

Acq: 14 Jul 2025 12:00

Instrument :

MSVOA_W

ClientSampleId :

GCAP2

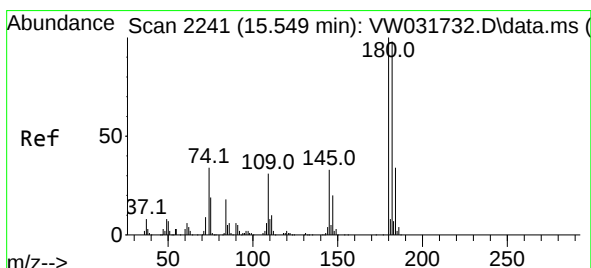
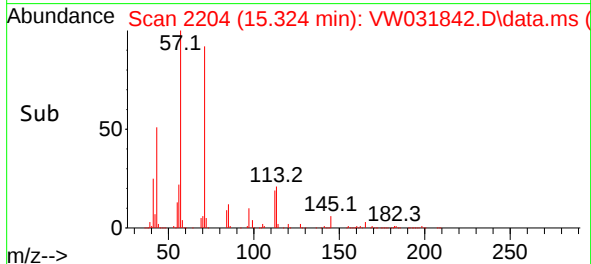
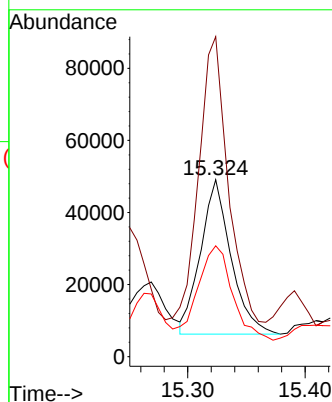
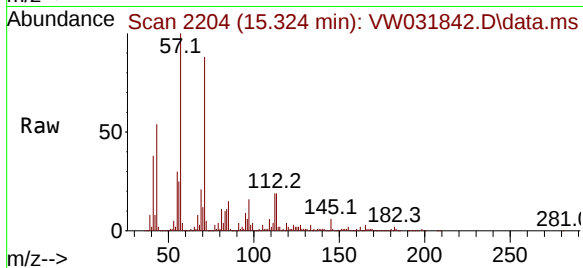
Tgt Ion:128 Resp: 77018

Ion Ratio Lower Upper

128 100

127 175.3 10.8 16.2#

129 69.5 8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 9.204 ug/l

RT: 15.574 min Scan# 2245

Delta R.T. 0.025 min

Lab File: VW031842.D

Acq: 14 Jul 2025 12:00

Tgt Ion:180 Resp: 43289

Ion Ratio Lower Upper

180 100

182 0.0 46.4 139.1#

145 0.0 17.8 53.3#

