

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
 Data File : VW032397.D
 Acq On : 20 Oct 2025 18:14
 Operator : SY/MD
 Sample : Q3395-02
 Misc : 4.33g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PR132-S07-000102-20251017

Quant Time: Oct 21 01:33:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 02 21:24:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	223455	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	495591	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	505431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	270145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	199880	61.327	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	=	122.660%	
35) Dibromofluoromethane	7.898	113	176402	54.962	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	=	109.920%	
50) Toluene-d8	10.325	98	689108	58.174	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	=	116.340%	
62) 4-Bromofluorobenzene	12.617	95	304455	68.001	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	=	136.000%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.228	59	2755	11.167	ug/l	96
13) Acrolein	3.930	56	1859	4.643	ug/l #	14
16) Acetone	4.161	43	180799	200.341	ug/l	99
17) Carbon Disulfide	4.423	76	53078	7.724	ug/l	96
18) Methyl Acetate	4.710	43	6077	2.351	ug/l #	71
20) Methylene Chloride	4.954	84	12168	Below Cal		94
25) 2-Butanone	7.191	43	78309	63.712	ug/l	95
29) Tetrahydrofuran	7.569	42	994	1.286	ug/l #	76
31) Cyclohexane	7.965	56	24936	5.435	ug/l #	82
36) 1,1-Dichloropropene	7.965	75	19683	4.345	ug/l #	55
37) Ethyl Acetate	7.191	43	78309	25.974	ug/l #	69
38) Carbon Tetrachloride	7.959	117	25264	5.927	ug/l #	17
39) Methylcyclohexane	9.343	83	273121	49.989	ug/l	92
40) Benzene	8.337	78	44000	3.099	ug/l	91
43) Isopropyl Acetate	8.429	43	23956	4.479	ug/l #	52
47) Bromodichloromethane	9.624	83	14481	2.905	ug/l #	32
48) Methyl methacrylate	9.471	41	7063	2.716	ug/l #	9
49) 1,4-Dioxane	9.471	88	62	2.082	ug/l #	1
51) 4-Methyl-2-Pentanone	10.252	43	27191	8.778	ug/l #	76
55) 1,1,2-Trichloroethane	10.764	97	134788	46.280	ug/l #	27
56) Ethyl methacrylate	10.624	69	98124	24.070	ug/l #	77
59) 2-Hexanone	10.934	43	728953	333.642	ug/l #	29
68) m/p-Xylenes	11.831	106	16968	2.374	ug/l	78
69) o-Xylene	12.166	106	36513	5.462	ug/l	84
74) N-amyl acetate	12.251	43	758179	128.591	ug/l #	59
75) 1,1,2,2-Tetrachloroethane	12.678	83	52139	11.362	ug/l #	28
76) 1,2,3-Trichloropropane	12.617	75	126315	35.532	ug/l #	1
79) 2-Chlorotoluene	12.934	91	20854	1.477	ug/l	73
80) 1,3,5-Trimethylbenzene	12.940	105	65963	4.128	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.617	75	126315	90.012	ug/l #	14
83) tert-Butylbenzene	13.440	119	27568	2.102	ug/l	77
84) 1,2,4-Trimethylbenzene	13.251	105	77416	4.764	ug/l	98
85) sec-Butylbenzene	13.379	105	20882	1.042	ug/l #	65
90) Hexachloroethane	14.001	117	5354	1.796	ug/l	87
92) 1,2-Dibromo-3-Chloropr...	14.489	75	937	1.166	ug/l #	14
93) 1,2,4-Trichlorobenzene	15.141	180	8830	1.806	ug/l #	1

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QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration

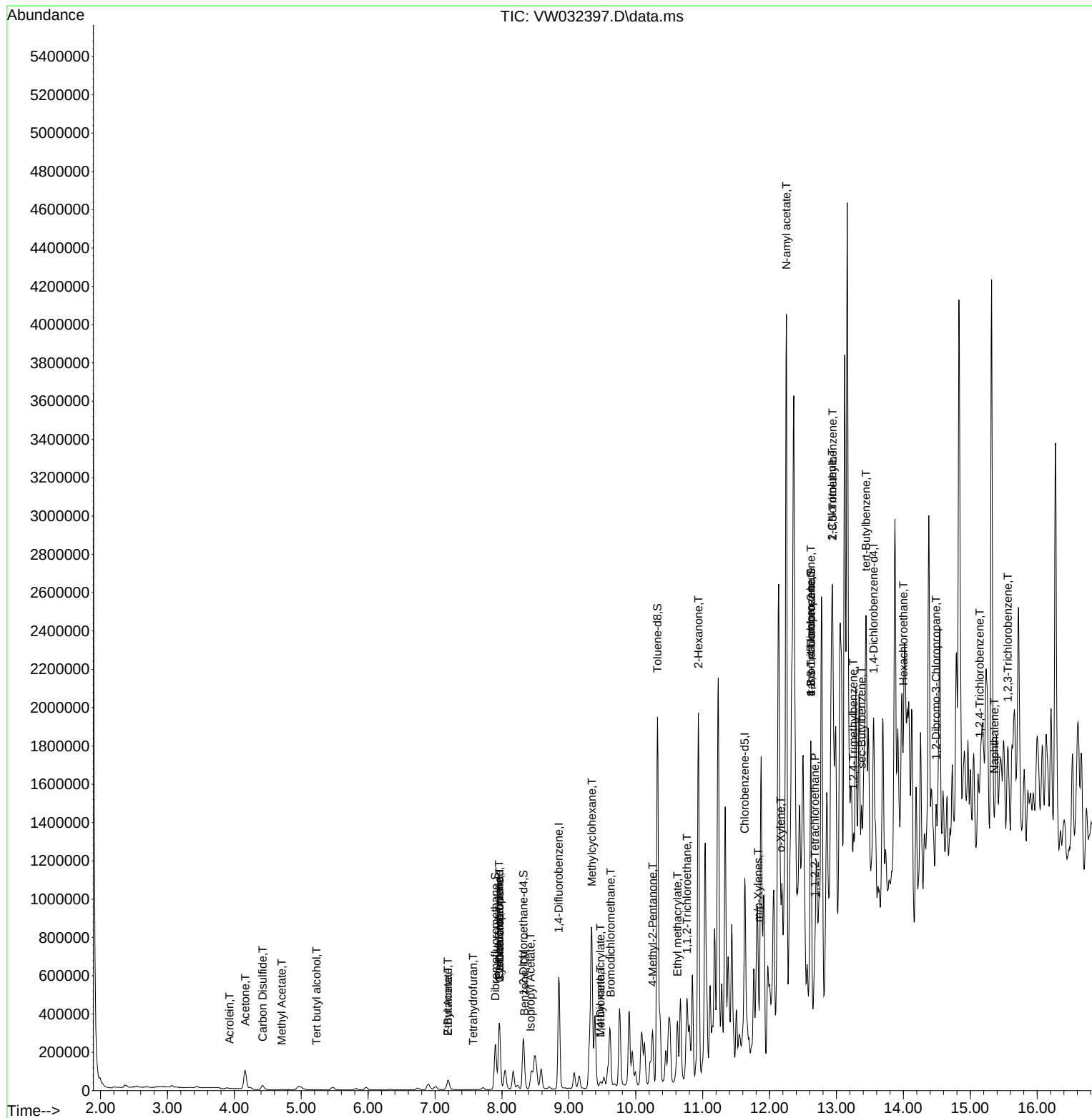
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.360	128	60195	5.126	ug/l #	81
96) 1,2,3-Trichlorobenzene	15.562	180	6819	1.479	ug/l #	1

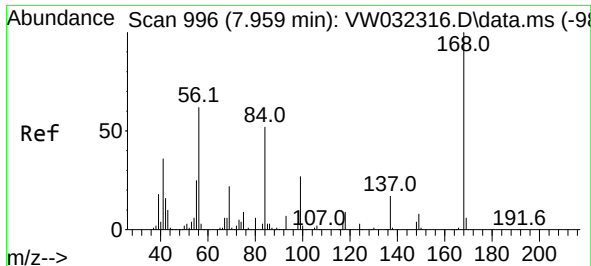
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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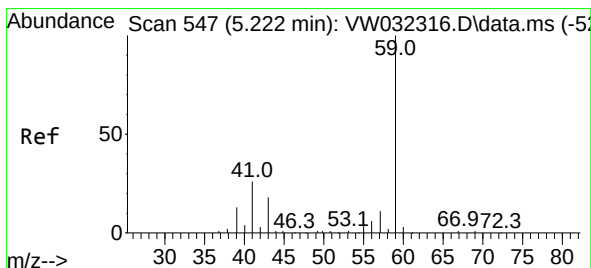
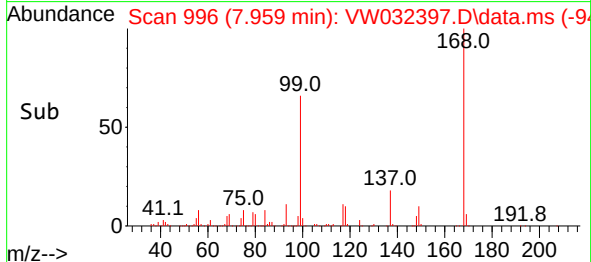
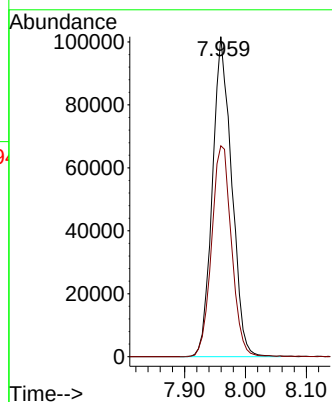
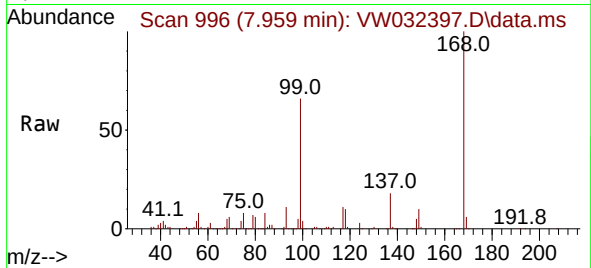




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW032397.D
Acq: 20 Oct 2025 18:14

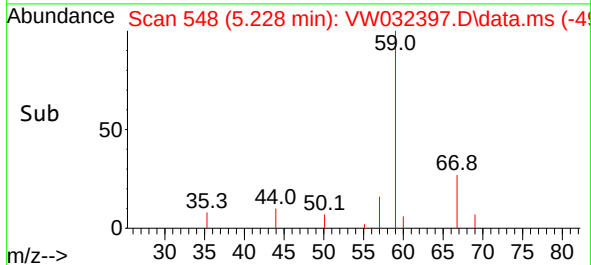
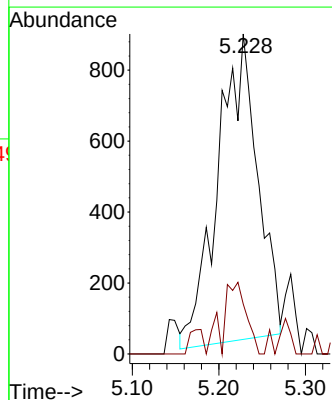
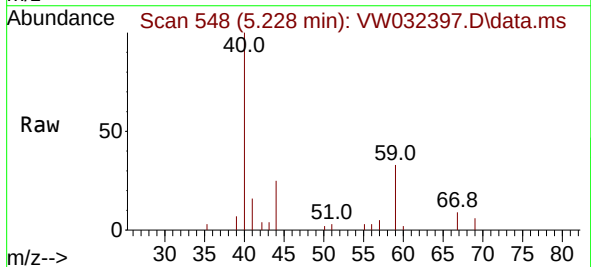
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-000102-20251017

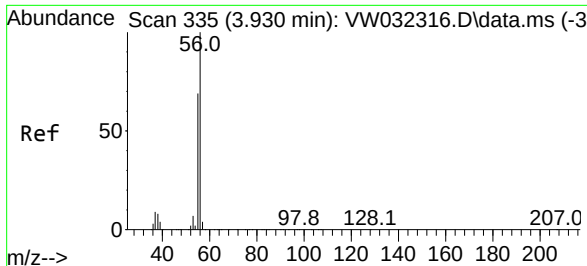
Tgt Ion:168 Resp: 223455
Ion Ratio Lower Upper
168 100
99 65.9 49.3 73.9



#11
Tert butyl alcohol
Concen: 11.167 ug/l
RT: 5.228 min Scan# 548
Delta R.T. 0.006 min
Lab File: VW032397.D
Acq: 20 Oct 2025 18:14

Tgt Ion: 59 Resp: 2755
Ion Ratio Lower Upper
59 100
57 13.9 9.8 14.6

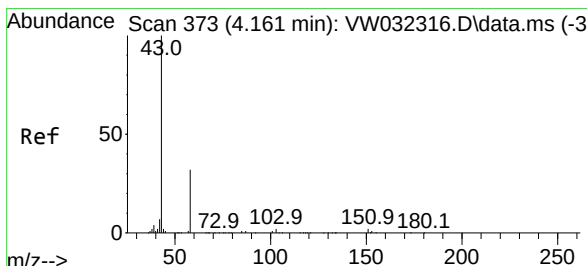
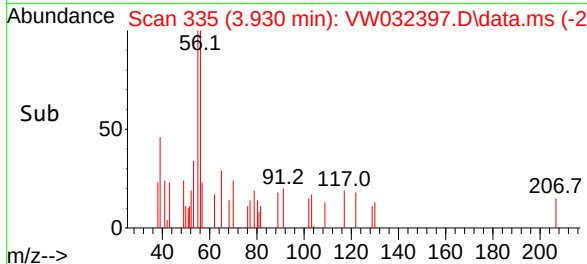
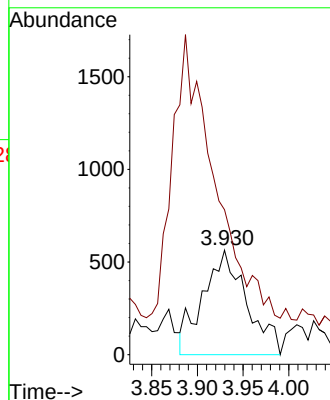
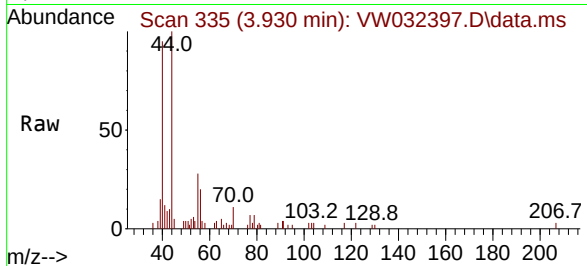




#13
Acrolein
Concen: 4.643 ug/l
RT: 3.930 min Scan# 311
Delta R.T. 0.000 min
Lab File: VW032397.D
Acq: 20 Oct 2025 18:14

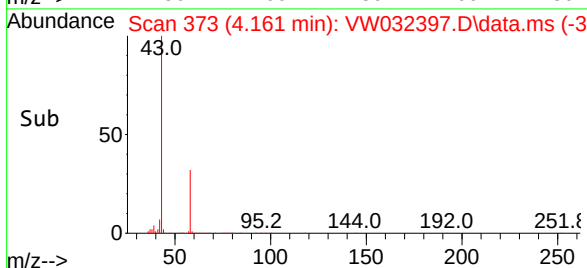
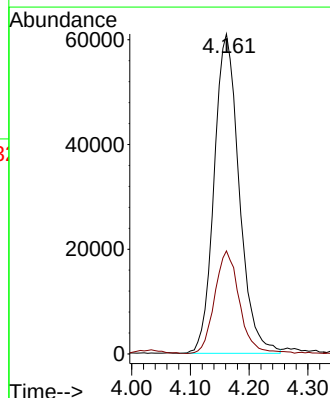
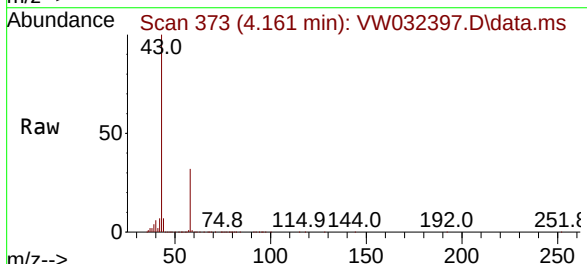
Instrument :
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ClientSampleId :
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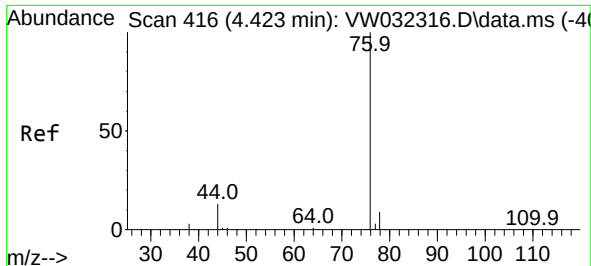
Tgt Ion: 56 Resp: 1859
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 200.341 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032397.D
Acq: 20 Oct 2025 18:14

Tgt Ion: 43 Resp: 180799
Ion Ratio Lower Upper
43 100
58 32.1 25.3 37.9

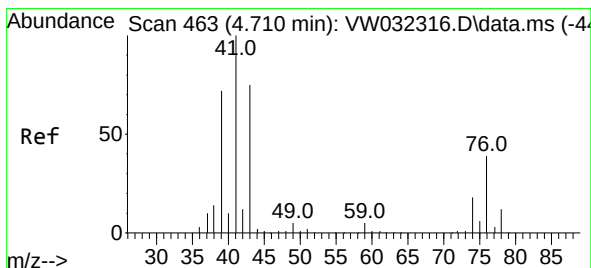
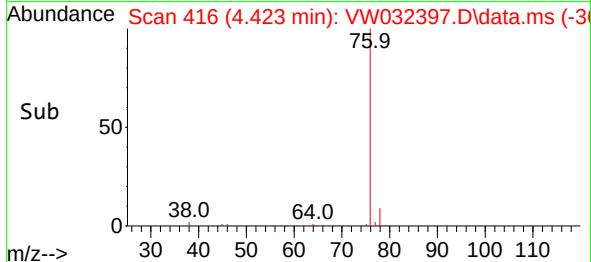
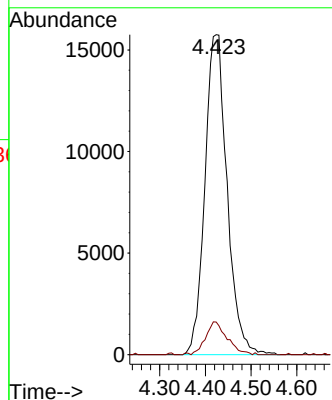
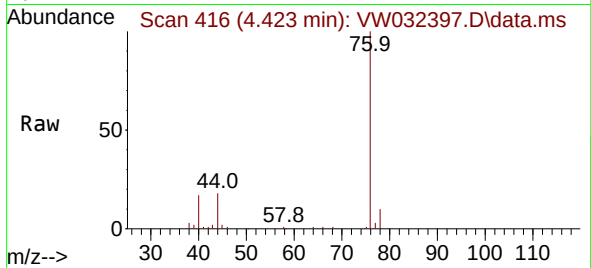




#17
Carbon Disulfide
Concen: 7.724 ug/l
RT: 4.423 min Scan# 416
Delta R.T. 0.000 min
Lab File: VW032397.D
Acq: 20 Oct 2025 18:14

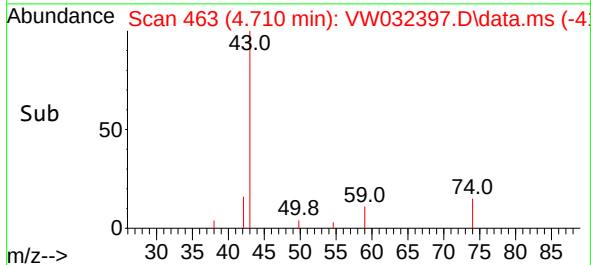
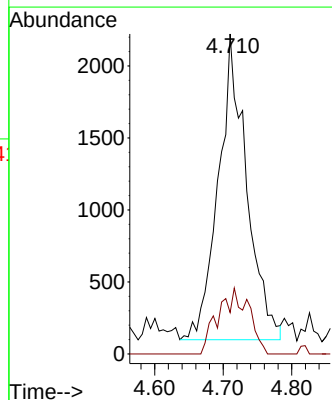
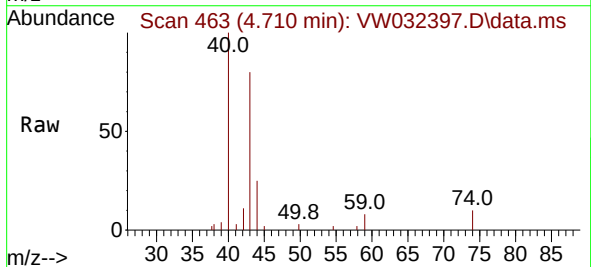
Instrument :
MSVOA_W
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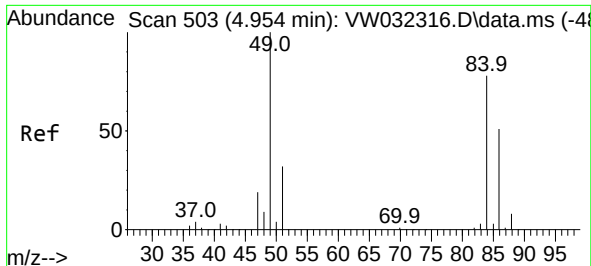
Tgt Ion: 76 Resp: 53078
Ion Ratio Lower Upper
76 100
78 10.2 7.0 10.6



#18
Methyl Acetate
Concen: 2.351 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW032397.D
Acq: 20 Oct 2025 18:14

Tgt Ion: 43 Resp: 6077
Ion Ratio Lower Upper
43 100
74 10.6 20.2 30.4#

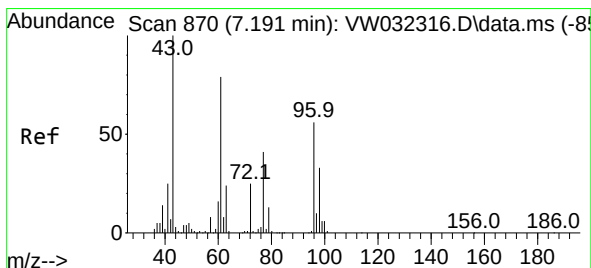
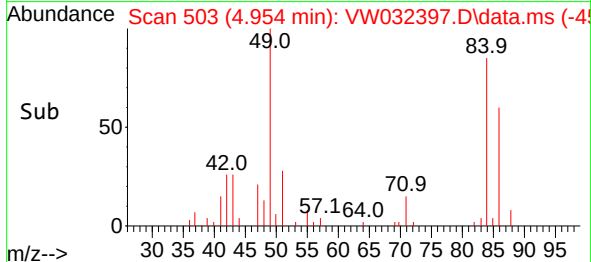
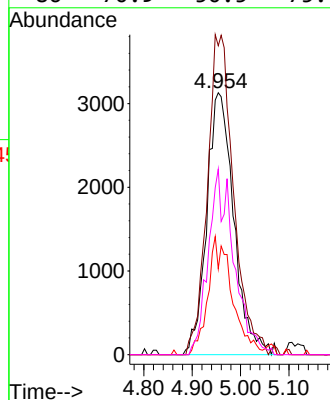
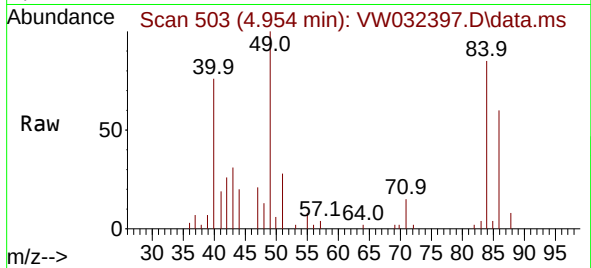




#20
Methylene Chloride
Concen: Below Cal
RT: 4.954 min Scan# 503
Delta R.T. -0.006 min
Lab File: VW032397.D
Acq: 20 Oct 2025 18:14

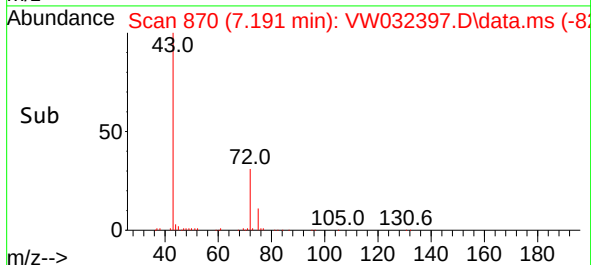
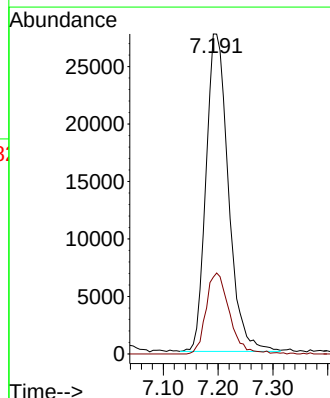
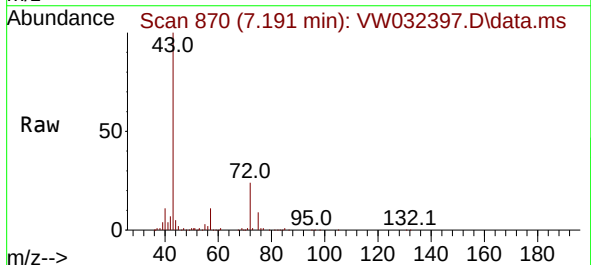
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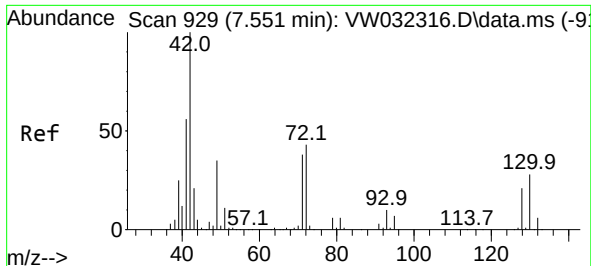
Tgt Ion:	84	Resp:	12168
Ion	Ratio	Lower	Upper
84	100		
49	118.0	92.2	138.4
51	32.8	31.0	46.6
86	70.9	50.5	75.7



#25
2-Butanone
Concen: 63.712 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW032397.D
Acq: 20 Oct 2025 18:14

Tgt Ion:	43	Resp:	78309
Ion	Ratio	Lower	Upper
43	100		
72	24.2	21.4	32.2

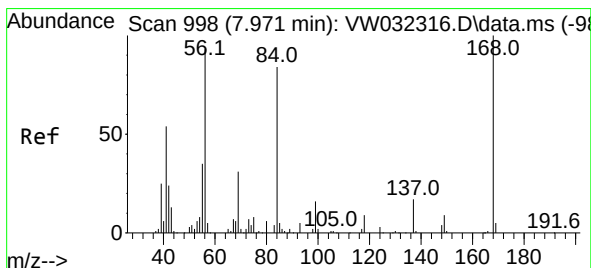
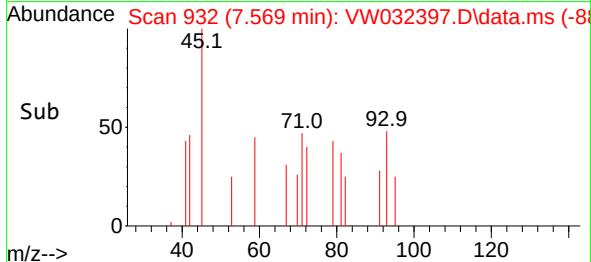
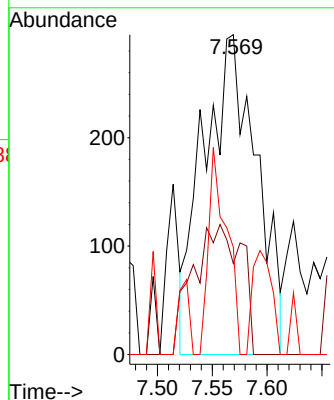
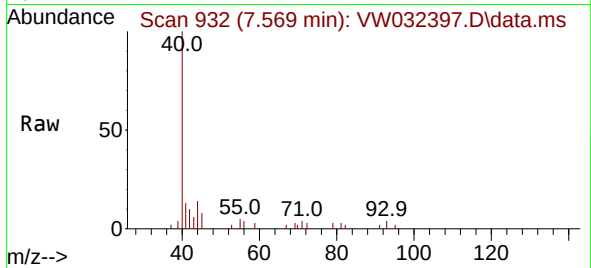




#29
Tetrahydrofuran
Concen: 1.286 ug/l
RT: 7.569 min Scan# 91
Delta R.T. 0.018 min
Lab File: VW032397.D
Acq: 20 Oct 2025 18:14

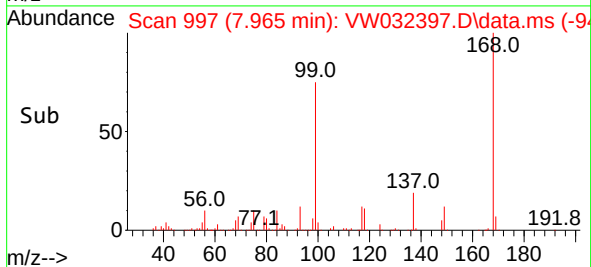
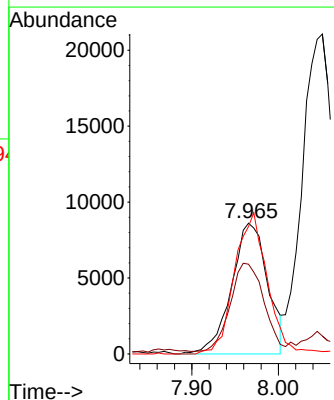
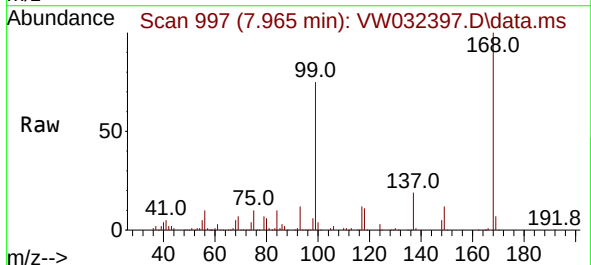
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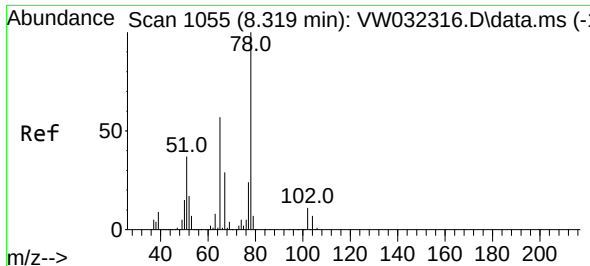
Tgt Ion: 42 Resp: 994
Ion Ratio Lower Upper
42 100
72 37.0 37.4 56.2#
71 22.3 36.0 54.0#



#31
Cyclohexane
Concen: 5.435 ug/l
RT: 7.965 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW032397.D
Acq: 20 Oct 2025 18:14

Tgt Ion: 56 Resp: 24936
Ion Ratio Lower Upper
56 100
69 66.4 27.7 41.5#
84 97.4 74.6 112.0

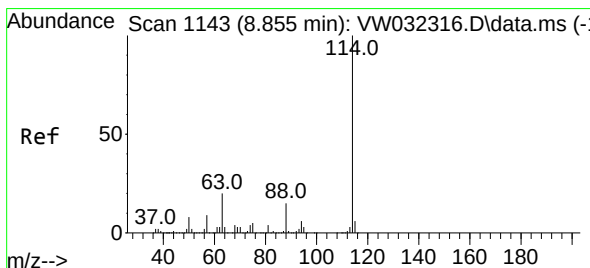
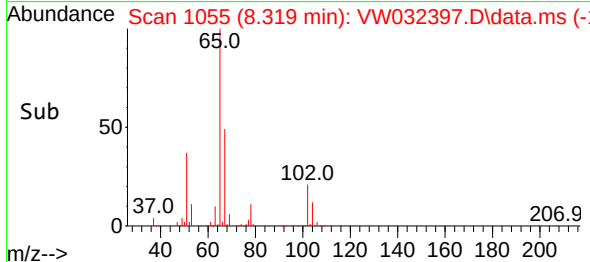
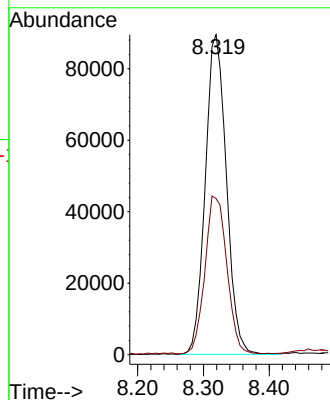
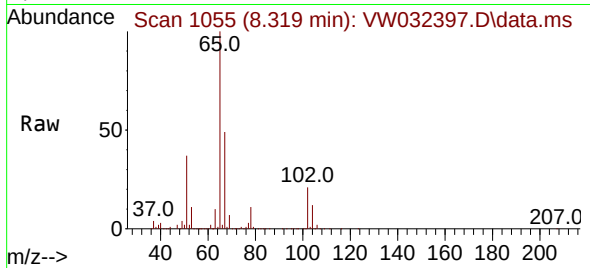




#33
 1,2-Dichloroethane-d4
 Concen: 61.327 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW032397.D
 Acq: 20 Oct 2025 18:14

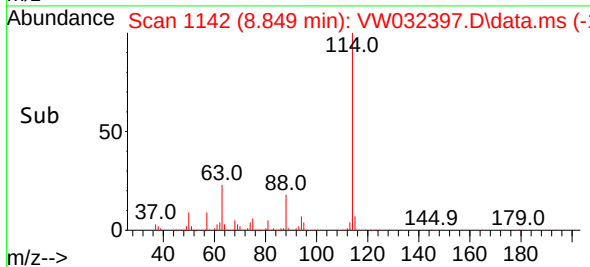
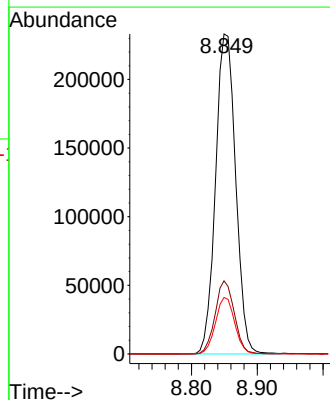
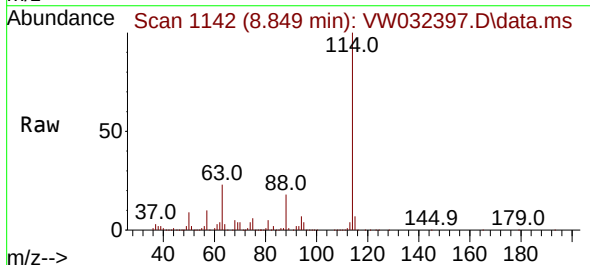
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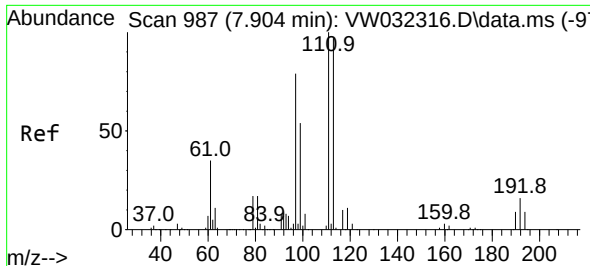
Tgt Ion: 65 Resp: 199880
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW032397.D
 Acq: 20 Oct 2025 18:14

Tgt Ion: 114 Resp: 495591
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 40.4
 88 17.7 0.0 32.0

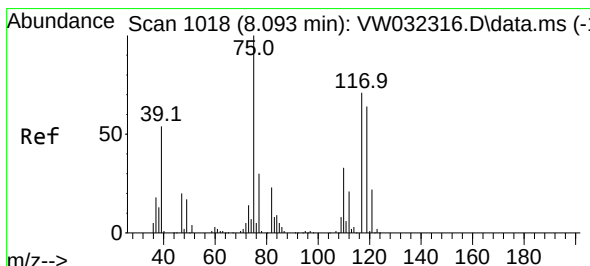
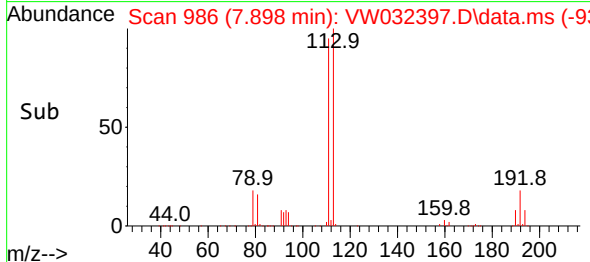
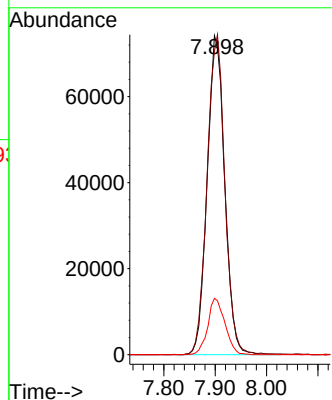
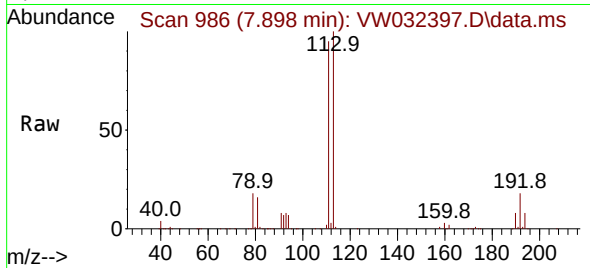




#35
Dibromofluoromethane
Concen: 54.962 ug/l
RT: 7.898 min Scan# 911
Delta R.T. -0.006 min
Lab File: VW032397.D
Acq: 20 Oct 2025 18:14

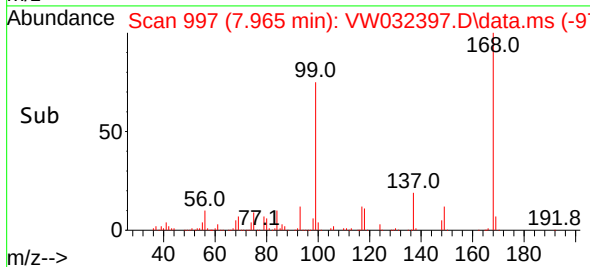
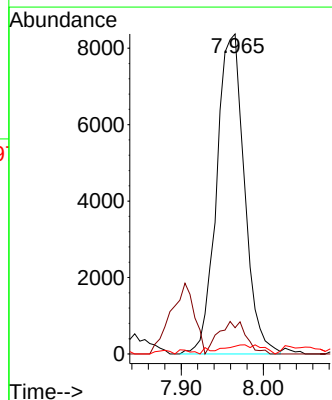
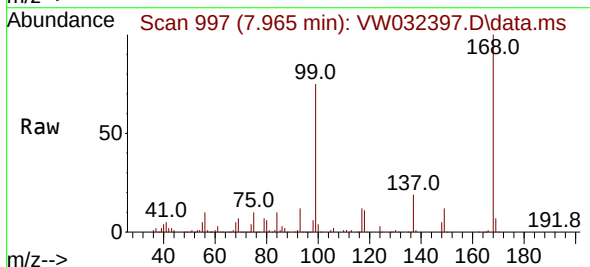
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-000102-20251017

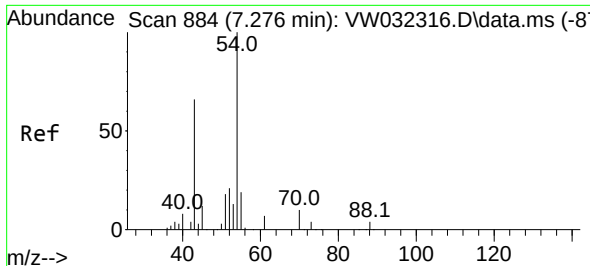
Tgt Ion:113 Resp: 176402
Ion Ratio Lower Upper
113 100
111 101.5 83.9 125.9
192 17.3 14.6 21.8



#36
1,1-Dichloropropene
Concen: 4.345 ug/l
RT: 7.965 min Scan# 997
Delta R.T. -0.134 min
Lab File: VW032397.D
Acq: 20 Oct 2025 18:14

Tgt Ion: 75 Resp: 19683
Ion Ratio Lower Upper
75 100
110 10.1 17.5 52.5#
77 4.3 24.1 36.1#

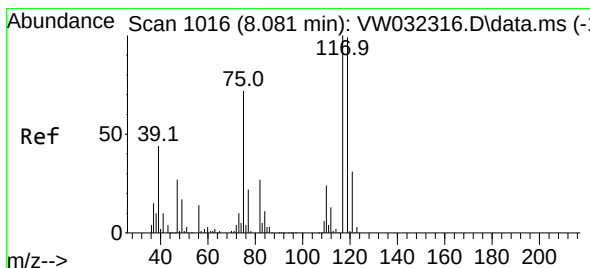
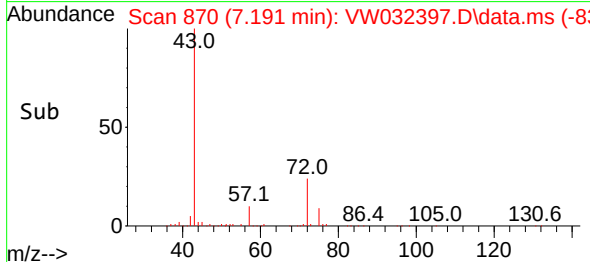
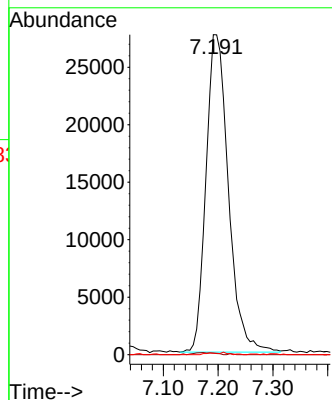
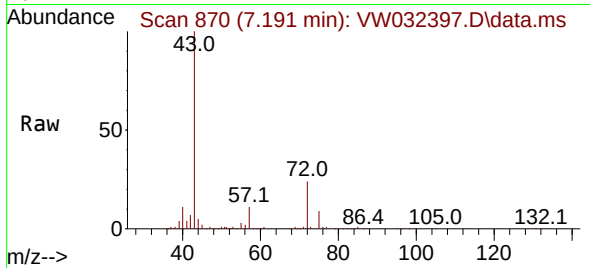




#37
Ethyl Acetate
Concen: 25.974 ug/l
RT: 7.191 min Scan# 81
Delta R.T. -0.085 min
Lab File: VW032397.D
Acq: 20 Oct 2025 18:14

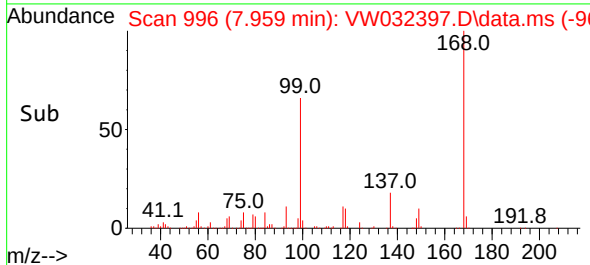
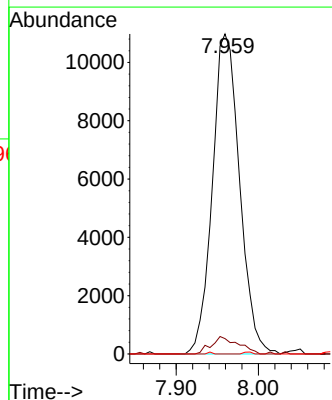
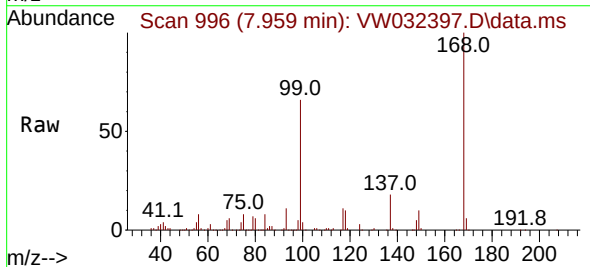
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-000102-20251017

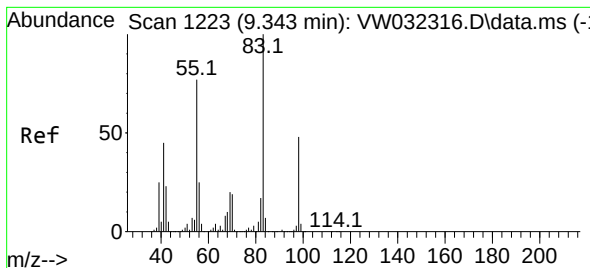
Tgt Ion: 43 Resp: 78309
Ion Ratio Lower Upper
43 100
61 0.6 11.3 16.9#
70 0.3 8.9 13.3#



#38
Carbon Tetrachloride
Concen: 5.927 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.128 min
Lab File: VW032397.D
Acq: 20 Oct 2025 18:14

Tgt Ion: 117 Resp: 25264
Ion Ratio Lower Upper
117 100
119 4.8 74.2 111.2#
121 0.0 25.6 38.4#





#39

Methylcyclohexane

Concen: 49.989 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032397.D

Acq: 20 Oct 2025 18:14

Instrument :

MSVOA_W

ClientSampleId :

PR132-S07-000102-20251017

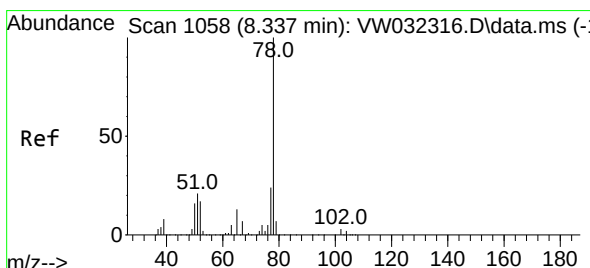
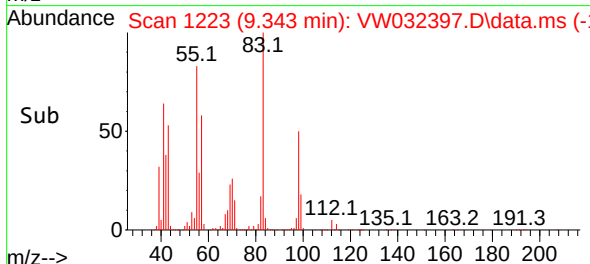
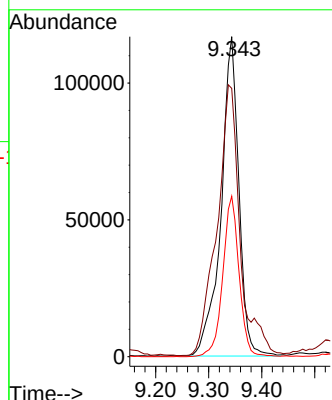
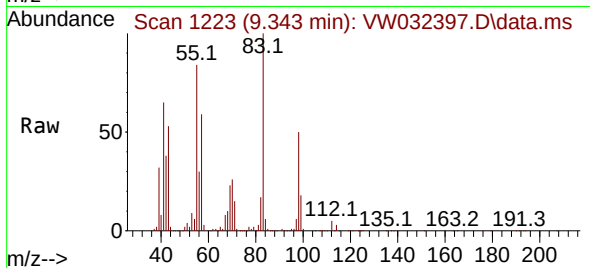
Tgt Ion: 83 Resp: 273121

Ion Ratio Lower Upper

83 100

55 83.7 58.4 87.6

98 50.2 39.4 59.2



#40

Benzene

Concen: 3.099 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW032397.D

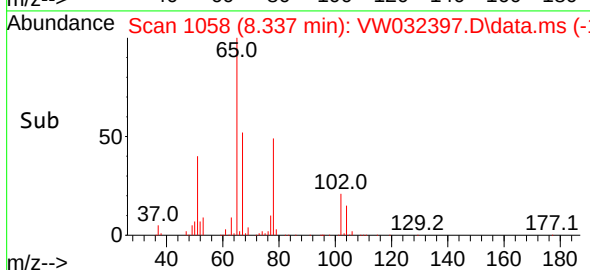
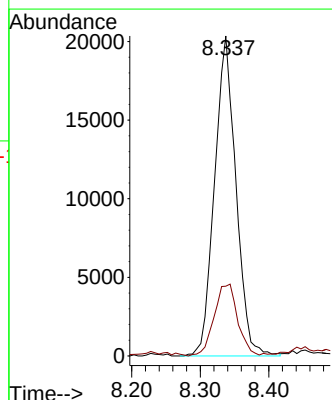
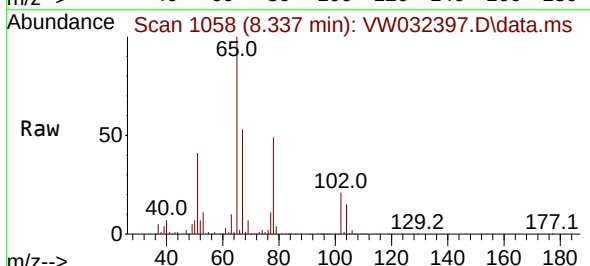
Acq: 20 Oct 2025 18:14

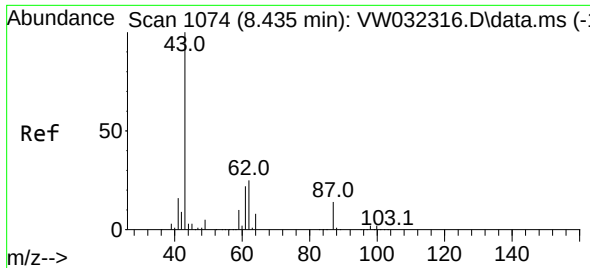
Tgt Ion: 78 Resp: 44000

Ion Ratio Lower Upper

78 100

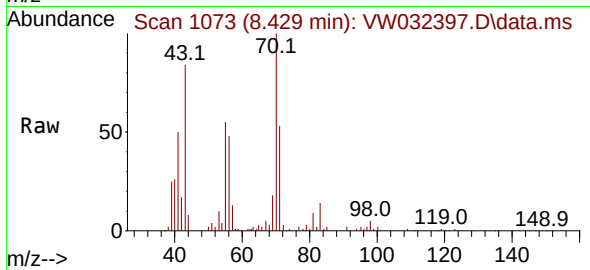
77 21.3 20.7 31.1



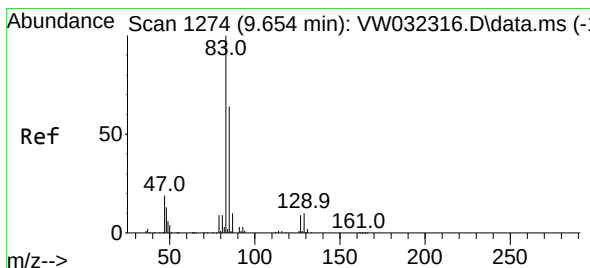
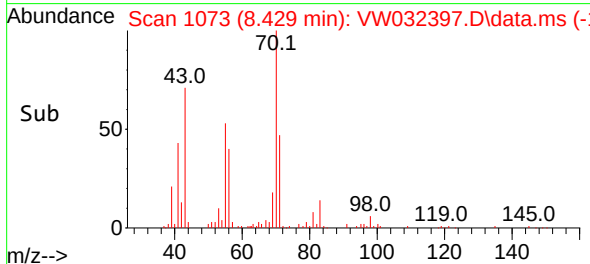
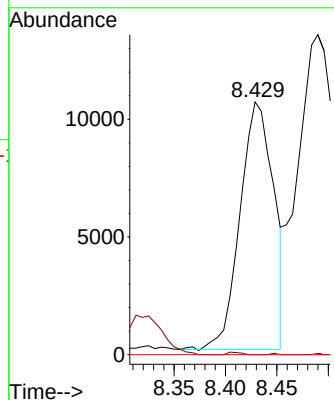


#43
Isopropyl Acetate
Concen: 4.479 ug/l
RT: 8.429 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VW032397.D
Acq: 20 Oct 2025 18:14

Instrument : MSVOA_W
ClientSampleId : PR132-S07-000102-20251017

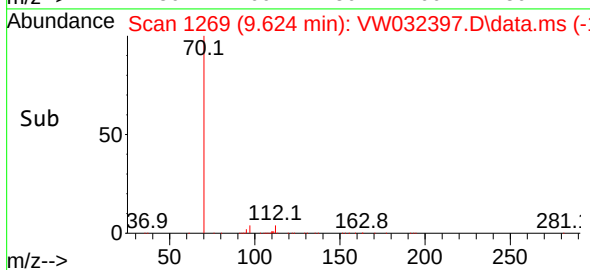
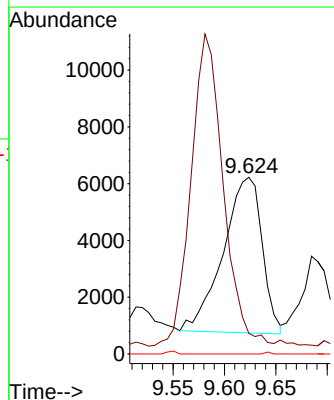
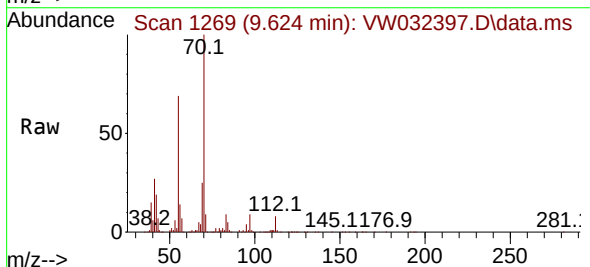


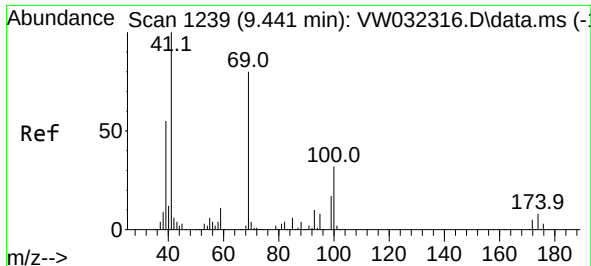
Tgt Ion: 43 Resp: 23956
Ion Ratio Lower Upper
43 100
61 0.0 23.3 34.9#
87 0.0 11.1 16.7#



#47
Bromodichloromethane
Concen: 2.905 ug/l
RT: 9.624 min Scan# 1269
Delta R.T. -0.024 min
Lab File: VW032397.D
Acq: 20 Oct 2025 18:14

Tgt Ion: 83 Resp: 14481
Ion Ratio Lower Upper
83 100
85 4.4 48.7 73.1#
127 0.0 6.4 9.6#

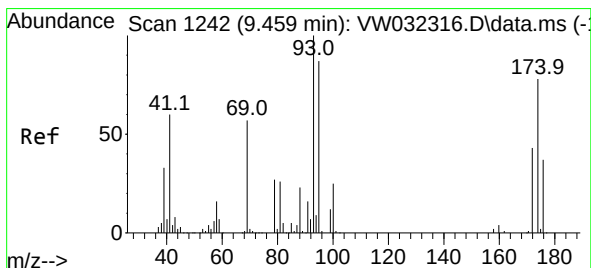
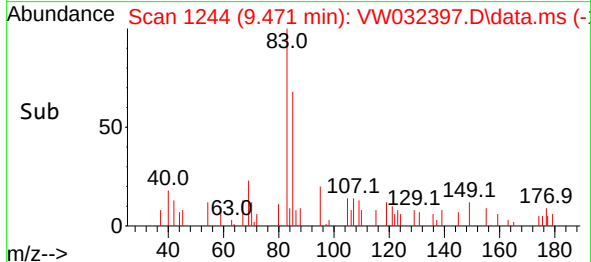
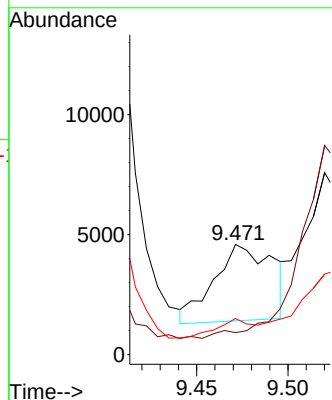
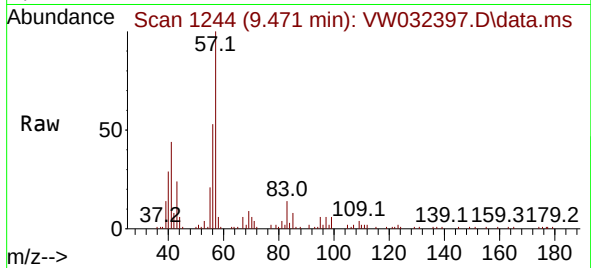




#48
Methyl methacrylate
Concen: 2.716 ug/l
RT: 9.471 min Scan# 11
Delta R.T. 0.031 min
Lab File: VW032397.D
Acq: 20 Oct 2025 18:14

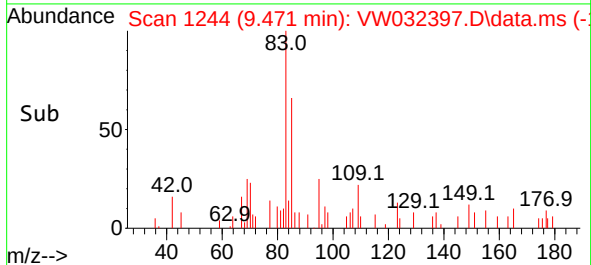
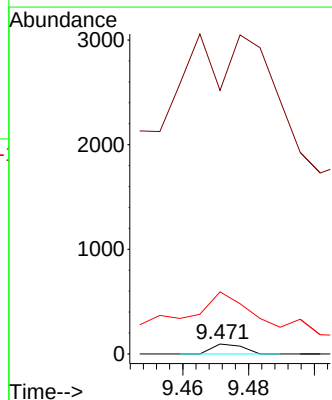
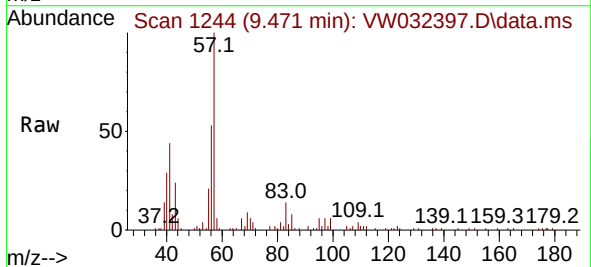
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-000102-20251017

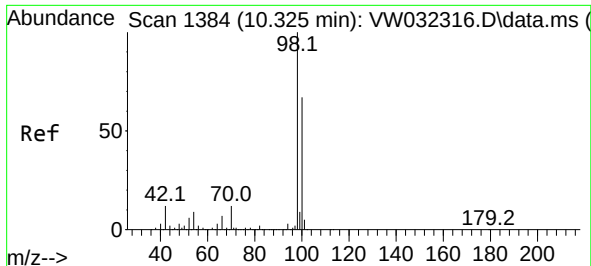
Tgt Ion: 41 Resp: 7063
Ion Ratio Lower Upper
41 100
69 0.0 71.5 107.3#
39 0.0 55.9 83.9#



#49
1,4-Dioxane
Concen: 2.082 ug/l
RT: 9.471 min Scan# 1244
Delta R.T. 0.012 min
Lab File: VW032397.D
Acq: 20 Oct 2025 18:14

Tgt Ion: 88 Resp: 62
Ion Ratio Lower Upper
88 100
43 0.0 18.0 27.0#
58 1871.0 55.4 83.0#

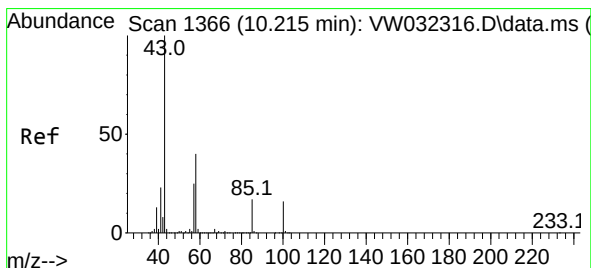
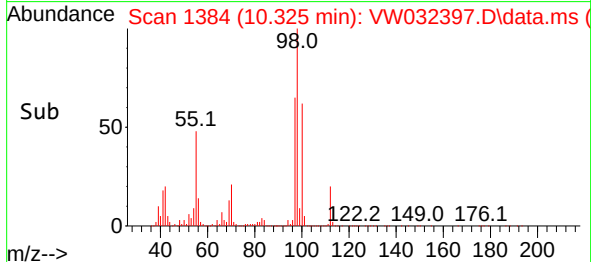
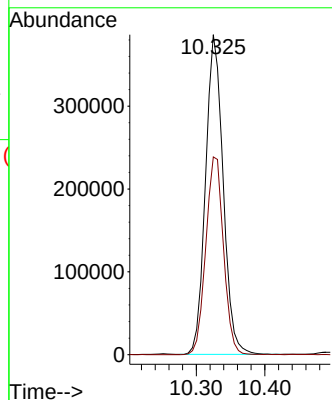
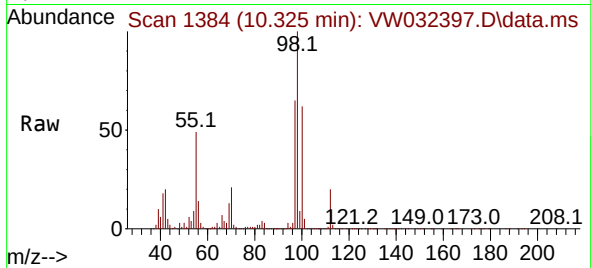




#50
Toluene-d8
Concen: 58.174 ug/l
RT: 10.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032397.D
Acq: 20 Oct 2025 18:14

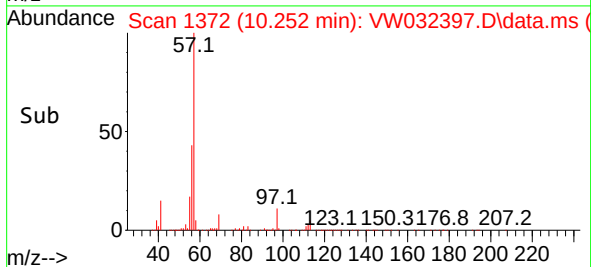
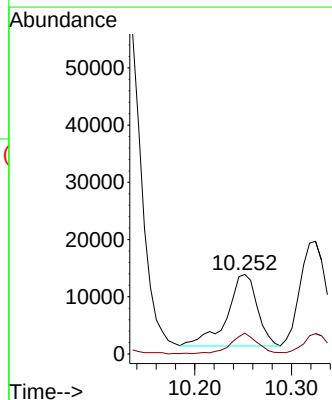
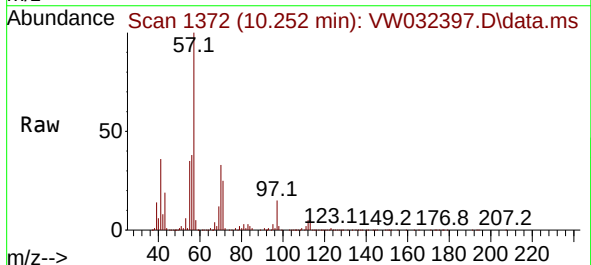
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-000102-20251017

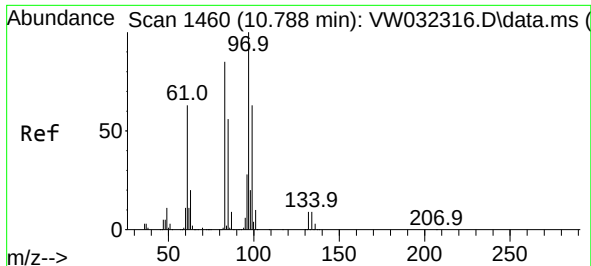
Tgt Ion: 98 Resp: 689108
Ion Ratio Lower Upper
98 100
100 62.3 51.4 77.2



#51
4-Methyl-2-Pentanone
Concen: 8.778 ug/l
RT: 10.252 min Scan# 1372
Delta R.T. 0.037 min
Lab File: VW032397.D
Acq: 20 Oct 2025 18:14

Tgt Ion: 43 Resp: 27191
Ion Ratio Lower Upper
43 100
58 25.0 32.0 48.0#

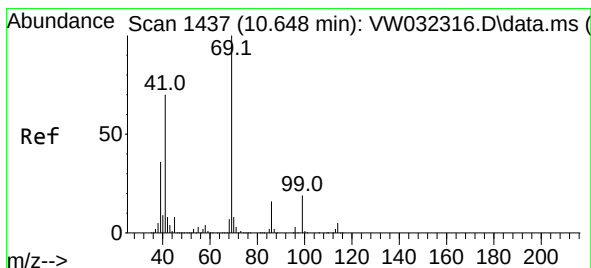
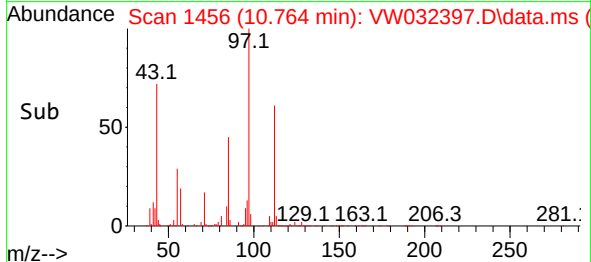
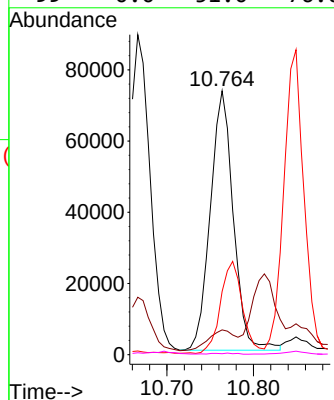
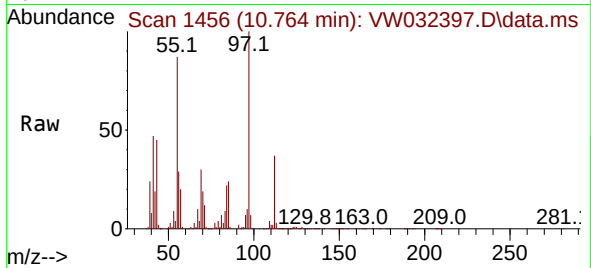




#55
1,1,2-Trichloroethane
Concen: 46.280 ug/l
RT: 10.764 min Scan# 1456
Delta R.T. -0.024 min
Lab File: VW032397.D
Acq: 20 Oct 2025 18:14

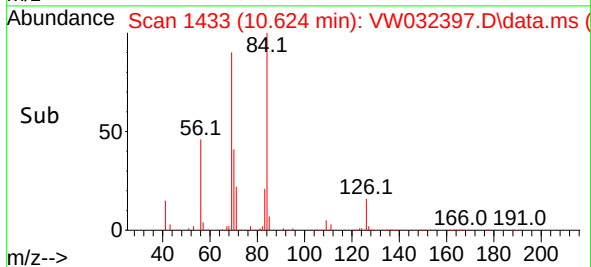
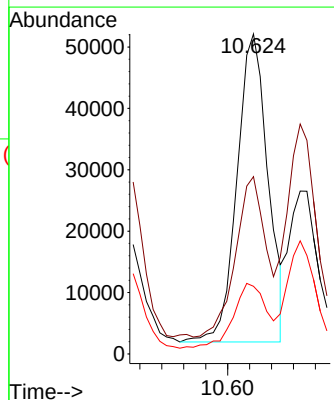
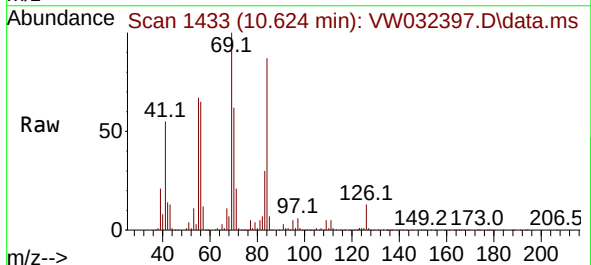
Instrument : MSVOA_W
ClientSampleId : PR132-S07-000102-20251017

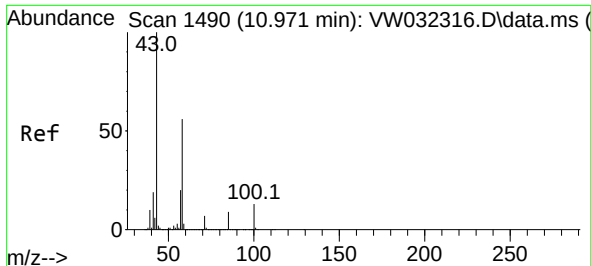
Tgt Ion: 97 Resp: 134788
Ion Ratio Lower Upper
97 100
83 8.0 71.0 106.6#
85 23.8 42.8 64.2#
99 0.0 51.0 76.6#



#56
Ethyl methacrylate
Concen: 24.070 ug/l
RT: 10.624 min Scan# 1433
Delta R.T. -0.024 min
Lab File: VW032397.D
Acq: 20 Oct 2025 18:14

Tgt Ion: 69 Resp: 98124
Ion Ratio Lower Upper
69 100
41 50.9 53.2 79.8#
39 22.4 32.9 49.3#

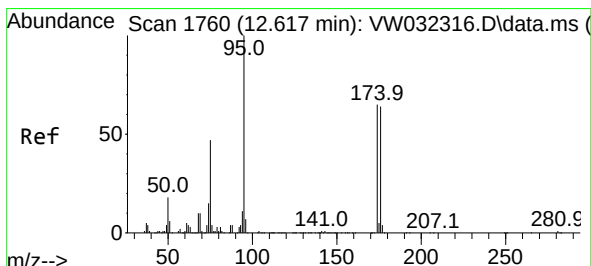
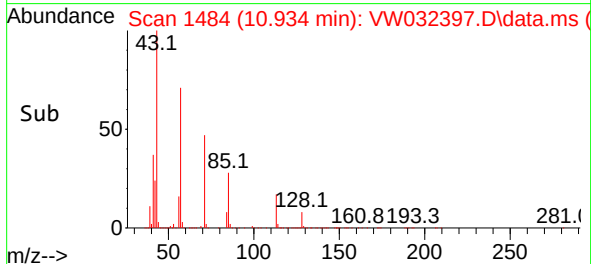
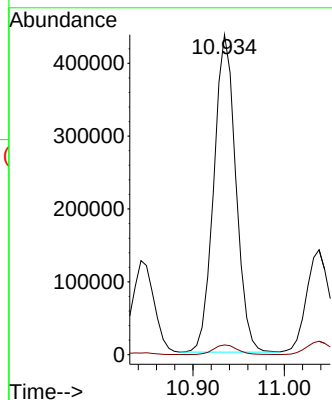
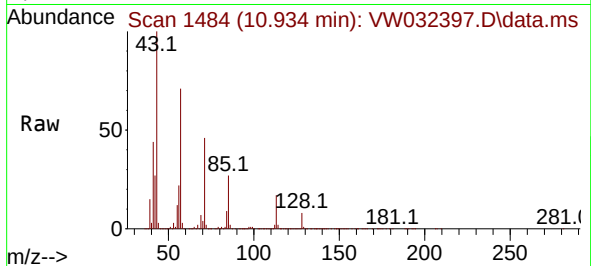




#59
2-Hexanone
Concen: 333.642 ug/l
RT: 10.934 min Scan# 1490
Delta R.T. -0.037 min
Lab File: VW032397.D
Acq: 20 Oct 2025 18:14

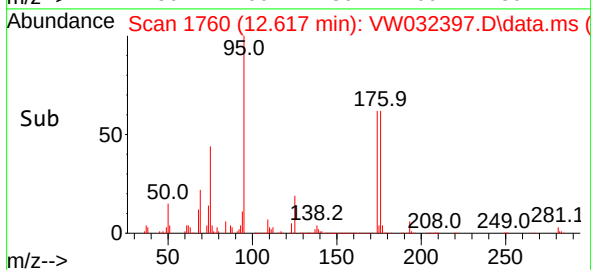
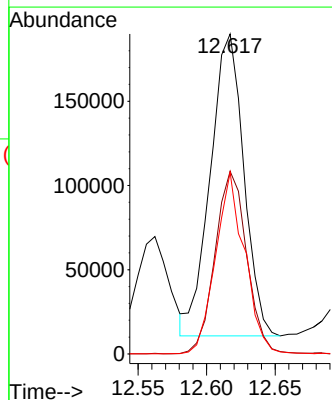
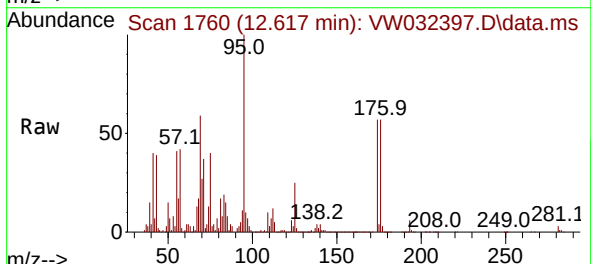
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-000102-20251017

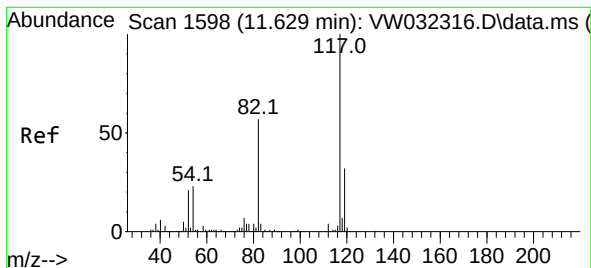
Tgt Ion: 43 Resp: 728953
Ion Ratio Lower Upper
43 100
58 3.4 27.5 82.4#



#62
4-Bromofluorobenzene
Concen: 68.001 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032397.D
Acq: 20 Oct 2025 18:14

Tgt Ion: 95 Resp: 304455
Ion Ratio Lower Upper
95 100
174 57.6 0.0 145.6
176 52.4 0.0 140.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032397.D

Acq: 20 Oct 2025 18:14

Instrument :

MSVOA_W

ClientSampleId :

PR132-S07-000102-20251017

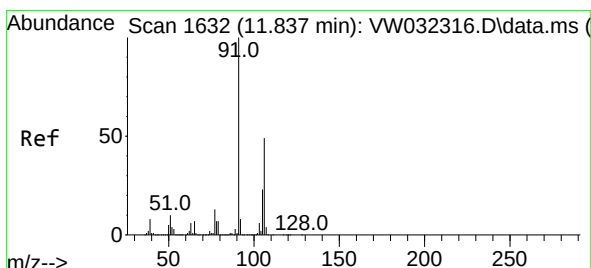
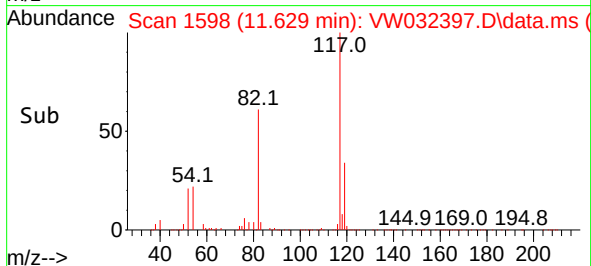
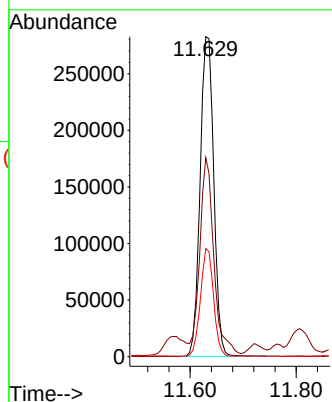
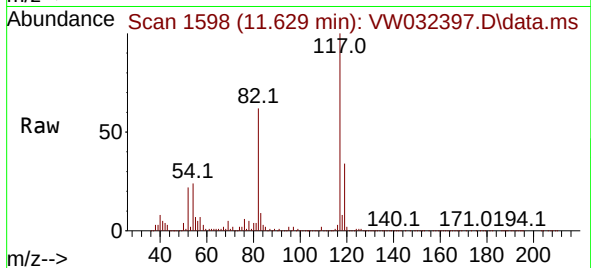
Tgt Ion:117 Resp: 505431

Ion Ratio Lower Upper

117 100

82 58.5 42.7 64.1

119 33.7 25.2 37.8



#68

m/p-Xylenes

Concen: 2.374 ug/l

RT: 11.831 min Scan# 1631

Delta R.T. -0.006 min

Lab File: VW032397.D

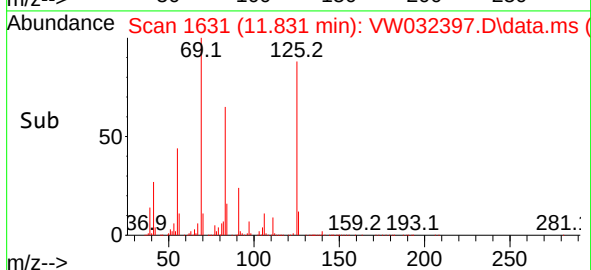
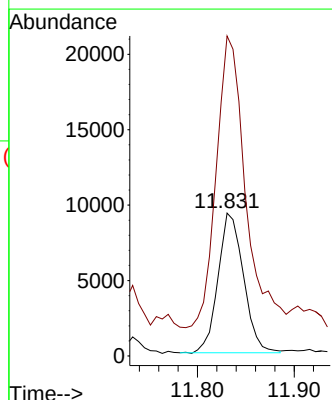
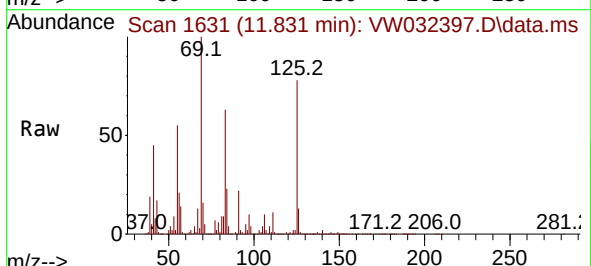
Acq: 20 Oct 2025 18:14

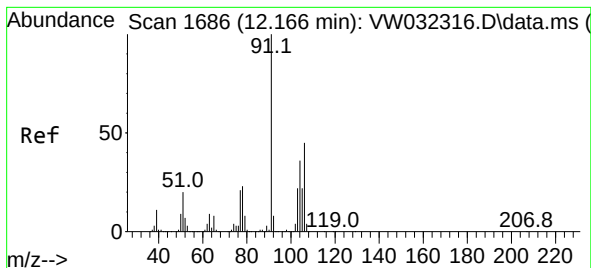
Tgt Ion:106 Resp: 16968

Ion Ratio Lower Upper

106 100

91 239.4 164.2 246.2





#69

o-Xylene

Concen: 5.462 ug/l

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032397.D

Acq: 20 Oct 2025 18:14

Instrument :

MSVOA_W

ClientSampleId :

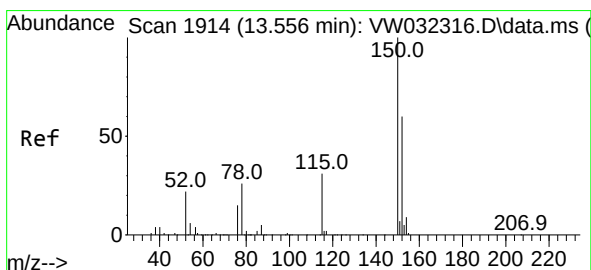
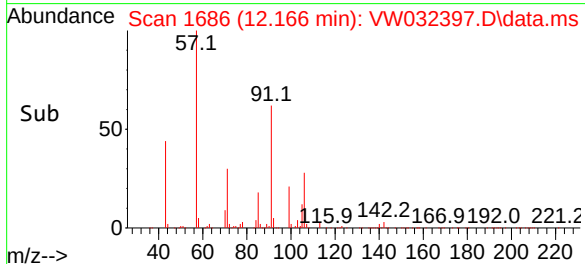
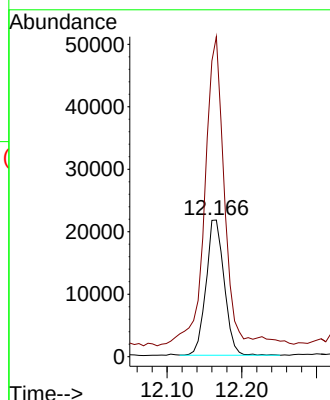
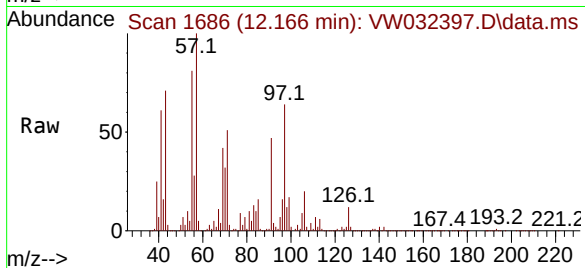
PR132-S07-000102-20251017

Tgt Ion:106 Resp: 36513

Ion Ratio Lower Upper

106 100

91 243.2 108.7 326.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW032397.D

Acq: 20 Oct 2025 18:14

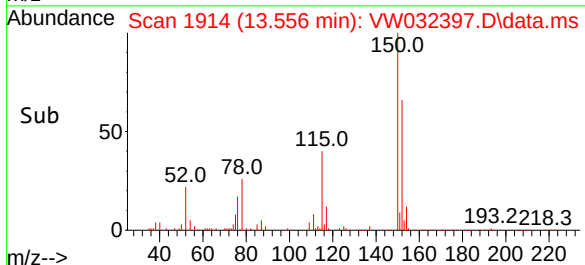
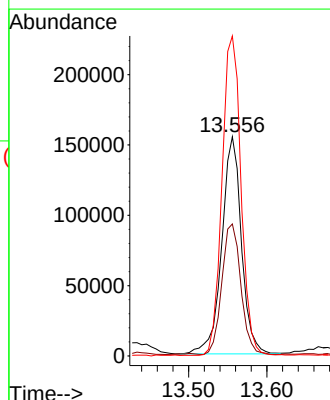
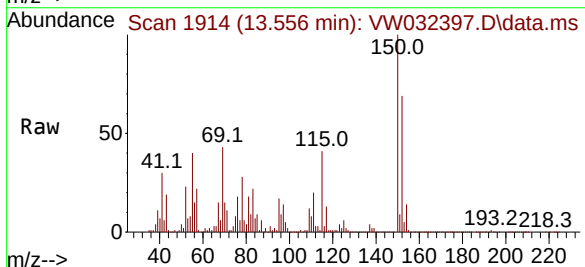
Tgt Ion:152 Resp: 270145

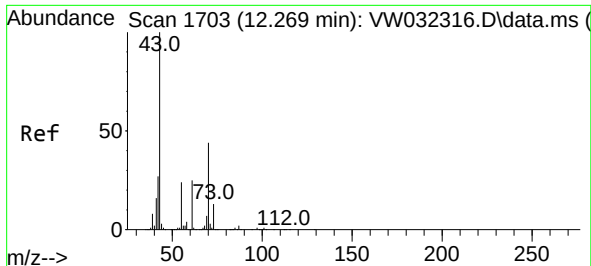
Ion Ratio Lower Upper

152 100

115 57.9 31.8 95.4

150 141.5 0.0 343.0



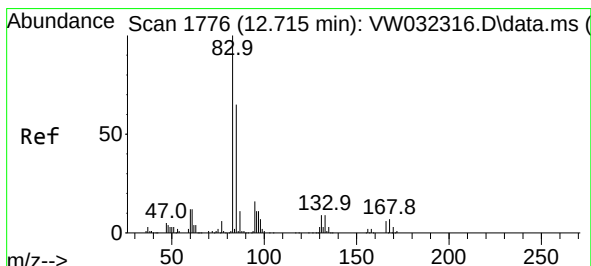
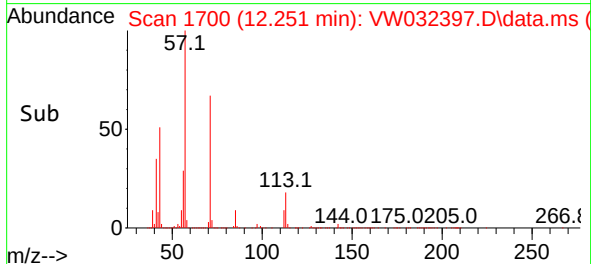
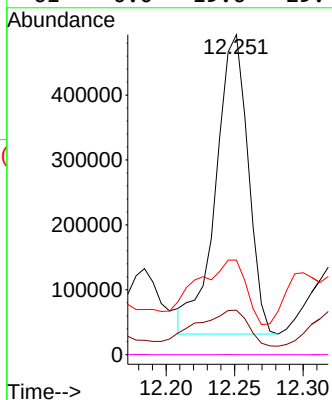
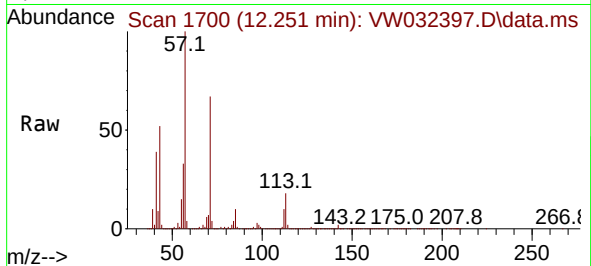


#74
N-ethyl acetate
Concen: 128.591 ug/l
RT: 12.251 min Scan# 1700
Delta R.T. -0.018 min
Lab File: VW032397.D
Acq: 20 Oct 2025 18:14

Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-000102-20251017

Tgt Ion: 43 Resp: 758179

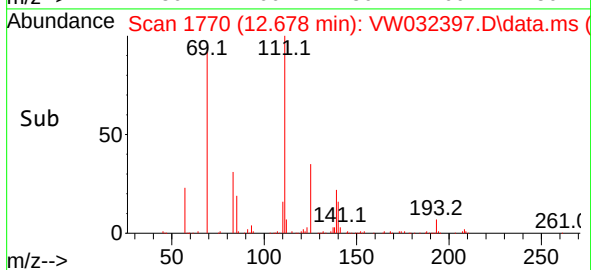
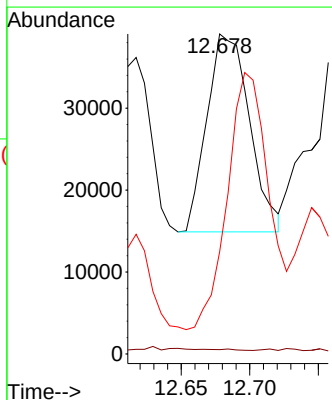
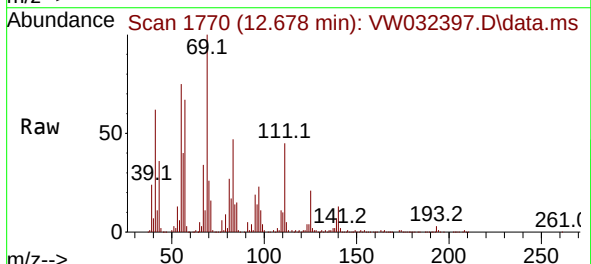
Ion	Ratio	Lower	Upper
43	100		
70	19.2	35.3	52.9#
55	43.3	19.9	29.9#
61	0.0	19.6	29.4#

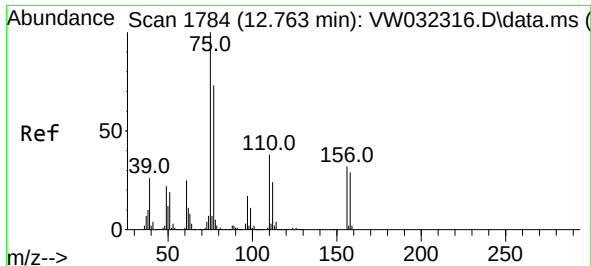


#75
1,1,2,2-Tetrachloroethane
Concen: 11.362 ug/l
RT: 12.678 min Scan# 1770
Delta R.T. -0.037 min
Lab File: VW032397.D
Acq: 20 Oct 2025 18:14

Tgt Ion: 83 Resp: 52139

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.1	15.4#
85	126.0	32.2	96.6#

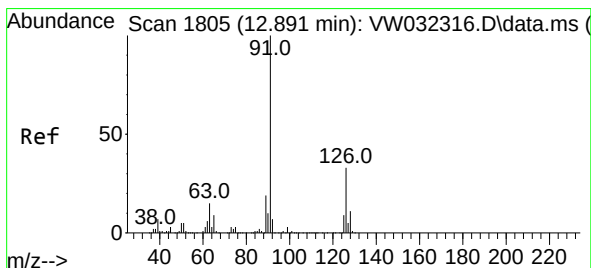
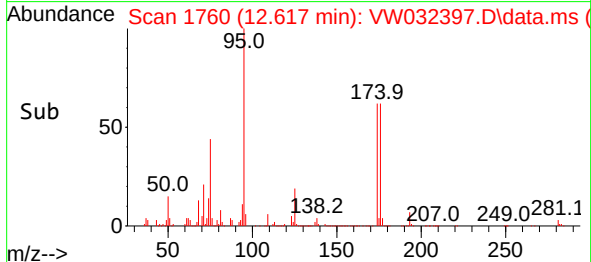
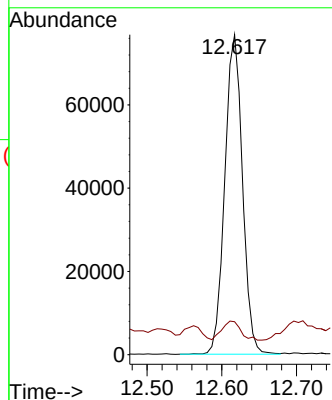
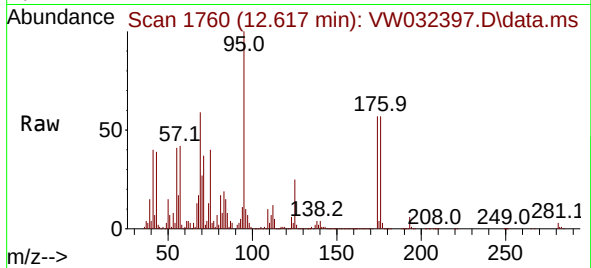




#76
1,2,3-Trichloropropane
Concen: 35.532 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.146 min
Lab File: VW032397.D
Acq: 20 Oct 2025 18:14

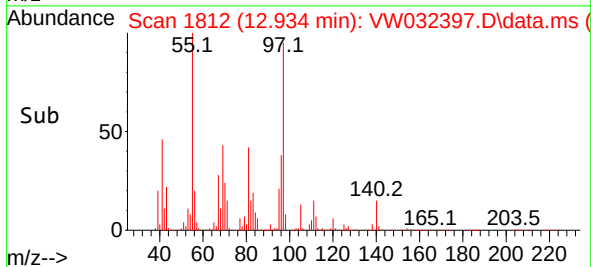
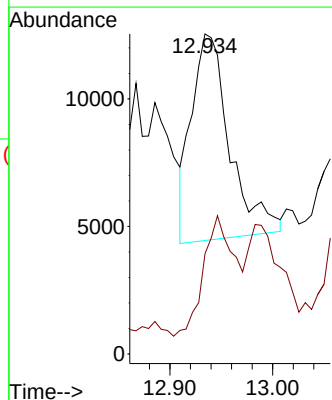
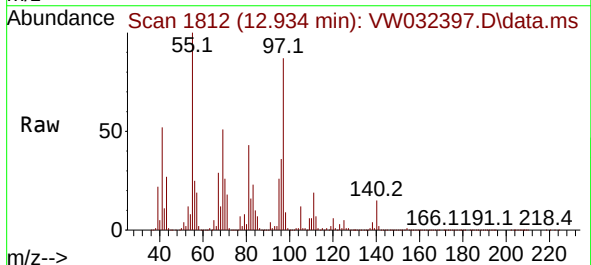
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-000102-20251017

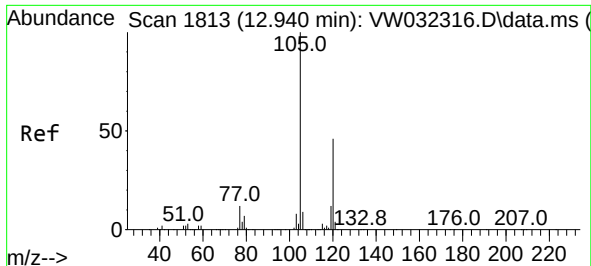
Tgt Ion: 75 Resp: 126315
Ion Ratio Lower Upper
75 100
77 6.2 141.7 425.1#



#79
2-Chlorotoluene
Concen: 1.477 ug/l
RT: 12.934 min Scan# 1812
Delta R.T. 0.049 min
Lab File: VW032397.D
Acq: 20 Oct 2025 18:14

Tgt Ion: 91 Resp: 20854
Ion Ratio Lower Upper
91 100
126 48.1 16.6 49.7

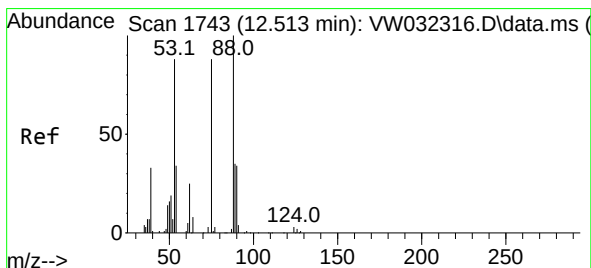
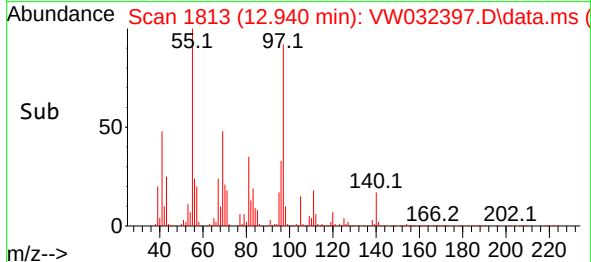
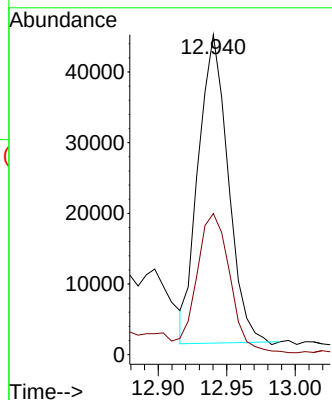
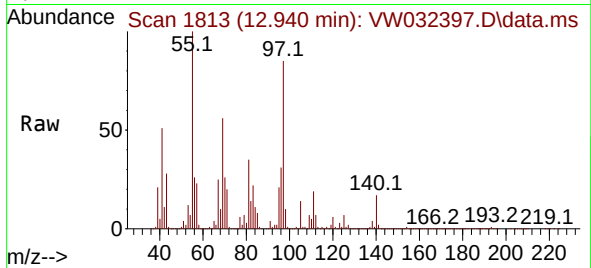




#80
1,3,5-Trimethylbenzene
Concen: 4.128 ug/l
RT: 12.940 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032397.D
Acq: 20 Oct 2025 18:14

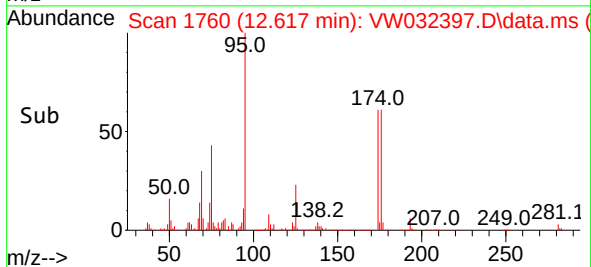
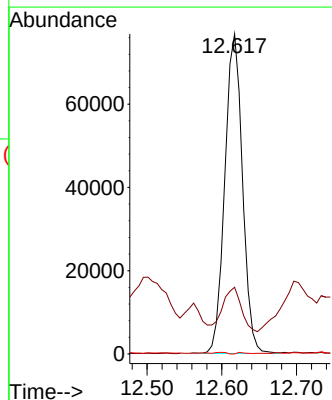
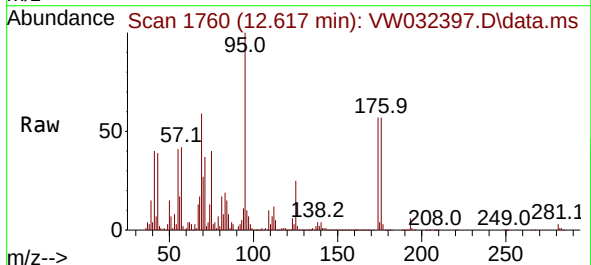
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-000102-20251017

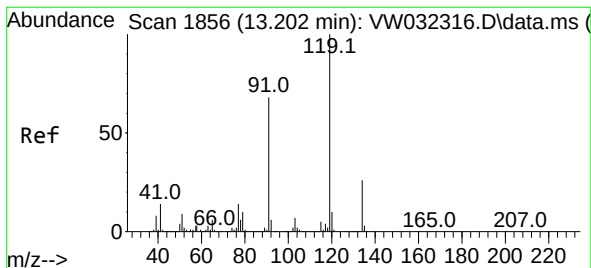
Tgt Ion:105 Resp: 65963
Ion Ratio Lower Upper
105 100
120 50.6 24.8 74.4



#81
trans-1,4-Dichloro-2-butene
Concen: 90.012 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.104 min
Lab File: VW032397.D
Acq: 20 Oct 2025 18:14

Tgt Ion: 75 Resp: 126315
Ion Ratio Lower Upper
75 100
53 14.3 91.0 136.6#
89 0.3 39.4 59.2#





#83

tert-Butylbenzene

Concen: 2.102 ug/l

RT: 13.440 min Scan# 1856

Delta R.T. 0.238 min

Lab File: VW032397.D

Acq: 20 Oct 2025 18:14

Instrument :

MSVOA_W

ClientSampleId :

PR132-S07-000102-20251017

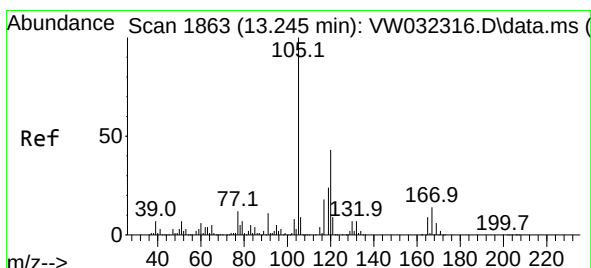
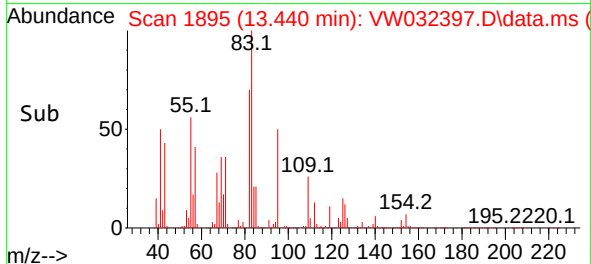
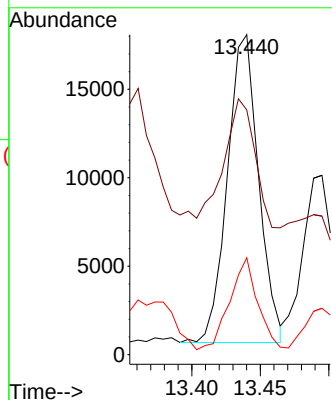
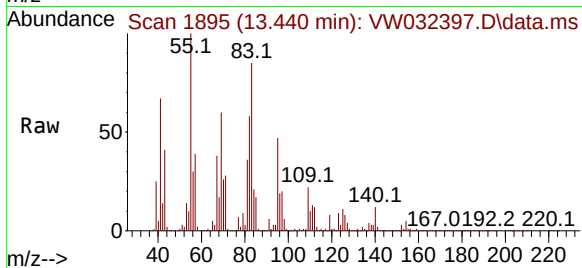
Tgt Ion:119 Resp: 27568

Ion Ratio Lower Upper

119 100

91 42.9 33.8 101.3

134 26.9 12.5 37.5



#84

1,2,4-Trimethylbenzene

Concen: 4.764 ug/l

RT: 13.251 min Scan# 1864

Delta R.T. 0.006 min

Lab File: VW032397.D

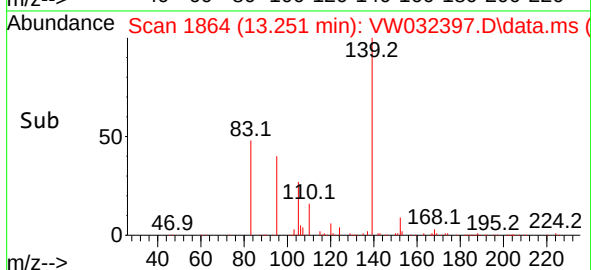
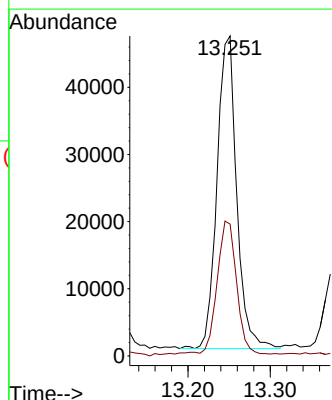
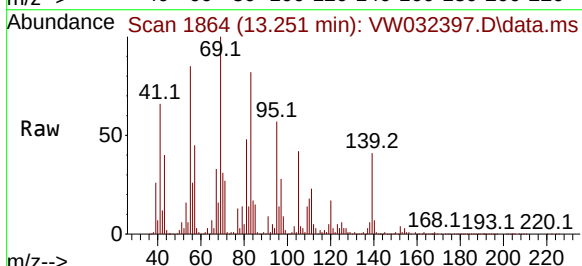
Acq: 20 Oct 2025 18:14

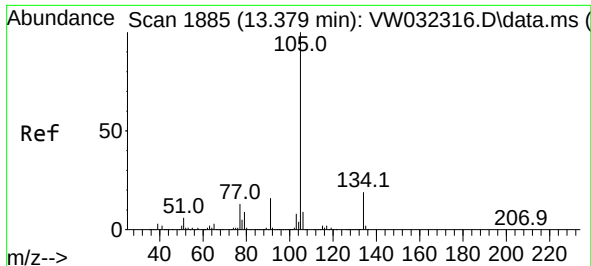
Tgt Ion:105 Resp: 77416

Ion Ratio Lower Upper

105 100

120 45.3 22.1 66.3

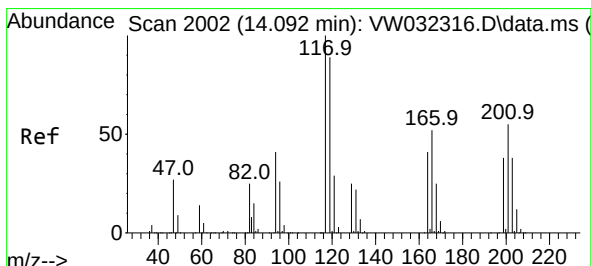
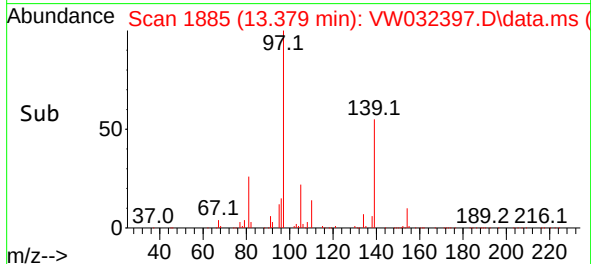
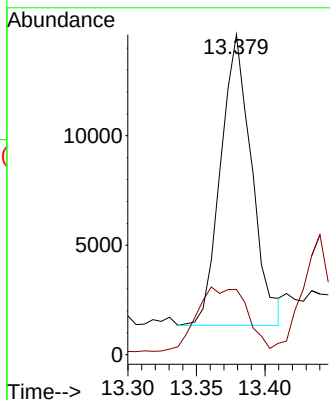
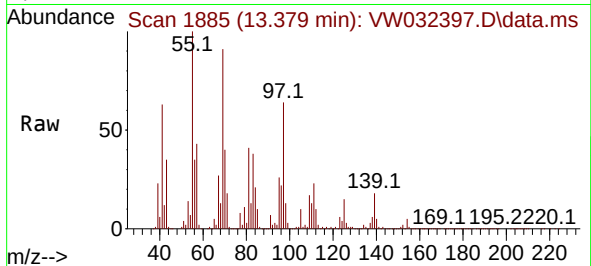




#85
 sec-Butylbenzene
 Concen: 1.042 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VW032397.D
 Acq: 20 Oct 2025 18:14

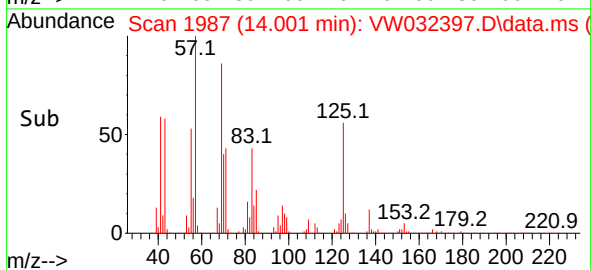
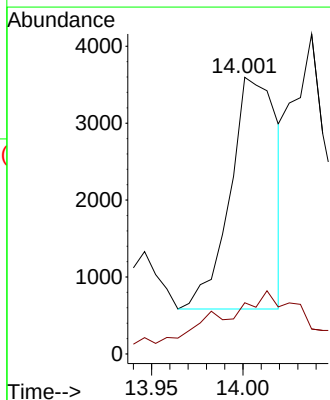
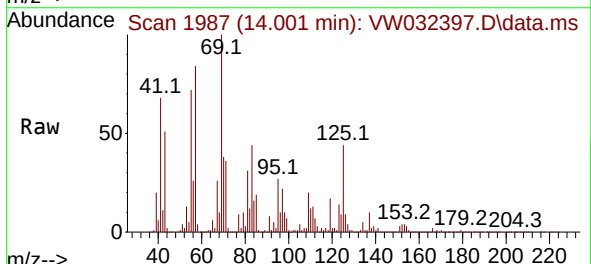
Instrument :
 MSVOA_W
 ClientSampleId :
 PR132-S07-000102-20251017

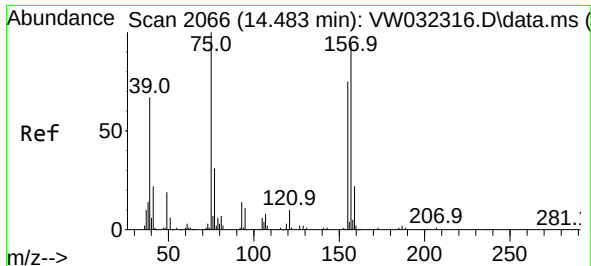
Tgt Ion:105 Resp: 20882
 Ion Ratio Lower Upper
 105 100
 134 36.1 10.1 30.1#



#90
 Hexachloroethane
 Concen: 1.796 ug/l
 RT: 14.001 min Scan# 1987
 Delta R.T. -0.085 min
 Lab File: VW032397.D
 Acq: 20 Oct 2025 18:14

Tgt Ion:117 Resp: 5354
 Ion Ratio Lower Upper
 117 100
 201 55.4 32.8 98.4

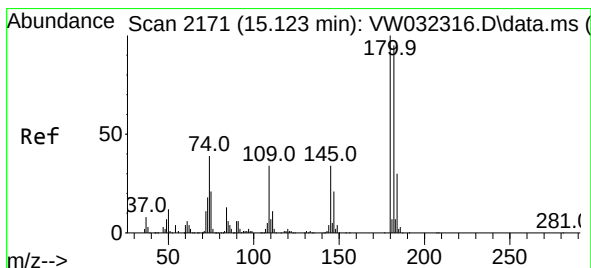
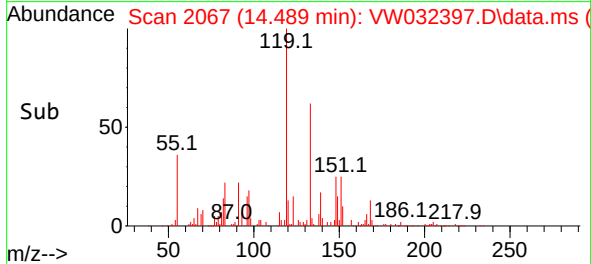
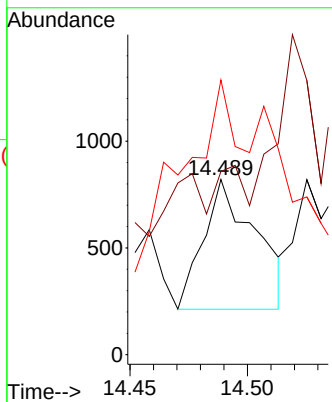
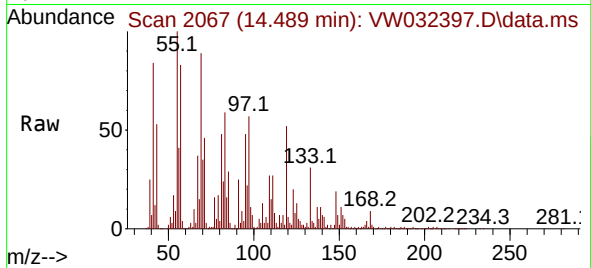




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.166 ug/l
RT: 14.489 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW032397.D
Acq: 20 Oct 2025 18:14

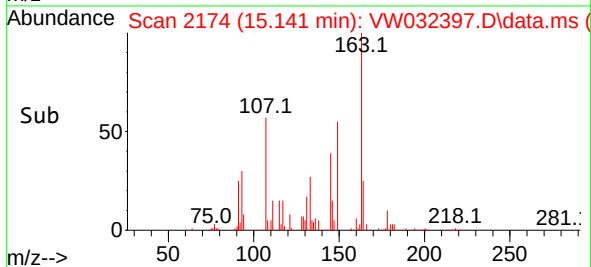
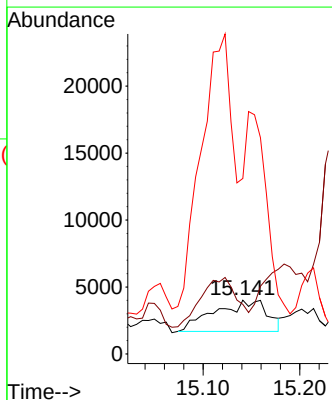
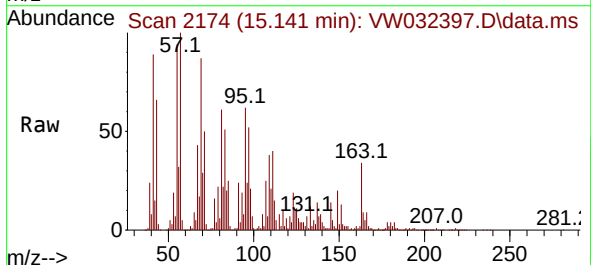
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-000102-20251017

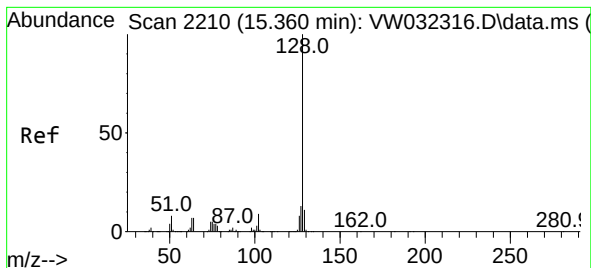
Tgt Ion: 75 Resp: 937
Ion Ratio Lower Upper
75 100
155 0.0 40.8 122.5#
157 186.2 51.8 155.4#



#93
1,2,4-Trichlorobenzene
Concen: 1.806 ug/l
RT: 15.141 min Scan# 2174
Delta R.T. 0.018 min
Lab File: VW032397.D
Acq: 20 Oct 2025 18:14

Tgt Ion:180 Resp: 8830
Ion Ratio Lower Upper
180 100
182 0.0 47.4 142.2#
145 297.0 16.4 49.1#





#95

Naphthalene

Concen: 5.126 ug/l

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW032397.D

Acq: 20 Oct 2025 18:14

Instrument :

MSVOA_W

ClientSampleId :

PR132-S07-000102-20251017

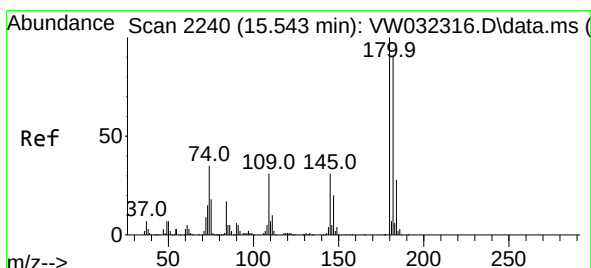
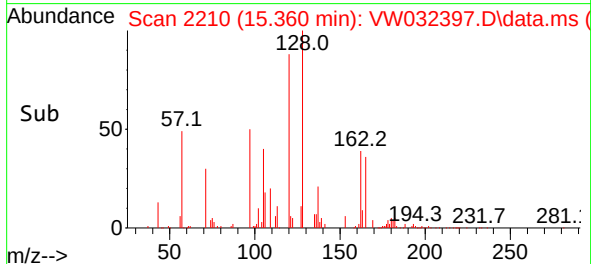
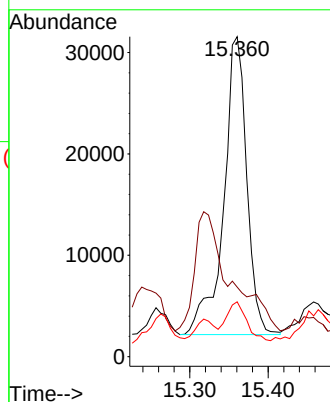
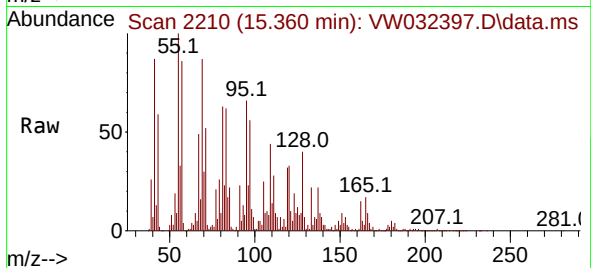
Tgt Ion:128 Resp: 60195

Ion Ratio Lower Upper

128 100

127 0.0 10.6 16.0#

129 11.2 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 1.479 ug/l

RT: 15.562 min Scan# 2243

Delta R.T. 0.018 min

Lab File: VW032397.D

Acq: 20 Oct 2025 18:14

Tgt Ion:180 Resp: 6819

Ion Ratio Lower Upper

180 100

182 0.0 47.7 143.1#

145 552.2 17.2 51.6#

