

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
 Data File : VW032398.D
 Acq On : 20 Oct 2025 18:36
 Operator : SY/MD
 Sample : Q3395-05
 Misc : 4.92g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PR132-S07-102116-20251017

Quant Time: Oct 21 01:33:51 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	238348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	525564	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	518256	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.550	152	242674	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	209559	60.280	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 120.560%	
35) Dibromofluoromethane	7.898	113	176996	52.002	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 104.000%	
50) Toluene-d8	10.325	98	691135	55.018	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 110.040%	
62) 4-Bromofluorobenzene	12.617	95	339211	71.443	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 142.880%	

Target Compounds					Qvalue	
11) Tert butyl alcohol	5.222	59	3485	13.244	ug/l #	69
13) Acrolein	3.936	56	4059	9.504	ug/l #	14
16) Acetone	4.161	43	210624	218.806	ug/l	100
17) Carbon Disulfide	4.423	76	73268	9.996	ug/l	99
18) Methyl Acetate	4.710	43	6625	2.403	ug/l	99
20) Methylene Chloride	4.954	84	8335	Below Cal		95
25) 2-Butanone	7.197	43	83888	63.987	ug/l	98
29) Tetrahydrofuran	7.563	42	1009	1.224	ug/l #	47
31) Cyclohexane	7.965	56	33642	6.874	ug/l #	84
36) 1,1-Dichloropropene	7.953	75	21647	4.507	ug/l #	54
37) Ethyl Acetate	7.197	43	83888	26.237	ug/l #	69
38) Carbon Tetrachloride	7.959	117	27527	6.090	ug/l #	17
39) Methylcyclohexane	9.337	83	291539	50.317	ug/l	90
43) Isopropyl Acetate	8.429	43	35387	6.239	ug/l #	53
45) 1,2-Dichloropropane	9.337	63	3922	1.044	ug/l #	1
47) Bromodichloromethane	9.617	83	15314	2.897	ug/l #	45
48) Methyl methacrylate	9.386	41	66298	24.041	ug/l #	26
51) 4-Methyl-2-Pentanone	10.245	43	20654	6.287	ug/l #	66
55) 1,1,2-Trichloroethane	10.764	97	158725	51.391	ug/l #	24
56) Ethyl methacrylate	10.623	69	119473	27.636	ug/l #	77
59) 2-Hexanone	10.934	43	601557	259.631	ug/l #	29
60) Dibromochloromethane	10.934	129	6400	1.825	ug/l	63
68) m/p-Xylenes	11.837	106	10173	1.388	ug/l #	67
69) o-Xylene	12.166	106	19732	2.879	ug/l	47
73) Isopropylbenzene	12.464	105	46646	2.810	ug/l	97
74) N-amyl acetate	12.251	43	444465	83.917	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	12.775	83	114733	27.832	ug/l #	25
76) 1,2,3-Trichloropropane	12.617	75	124505	38.987	ug/l #	1
79) 2-Chlorotoluene	12.861	91	15526	1.224	ug/l #	57
80) 1,3,5-Trimethylbenzene	12.940	105	21007	1.463	ug/l	85
81) trans-1,4-Dichloro-2-b...	12.617	75	124505	98.766	ug/l #	17
84) 1,2,4-Trimethylbenzene	13.245	105	70905	4.857	ug/l	94
85) sec-Butylbenzene	13.379	105	60236	3.346	ug/l	79
86) p-Isopropyltoluene	13.495	119	35272	2.362	ug/l	91
90) Hexachloroethane	14.086	117	5178	1.934	ug/l #	20
95) Naphthalene	15.360	128	78109	7.404	ug/l #	81

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Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration

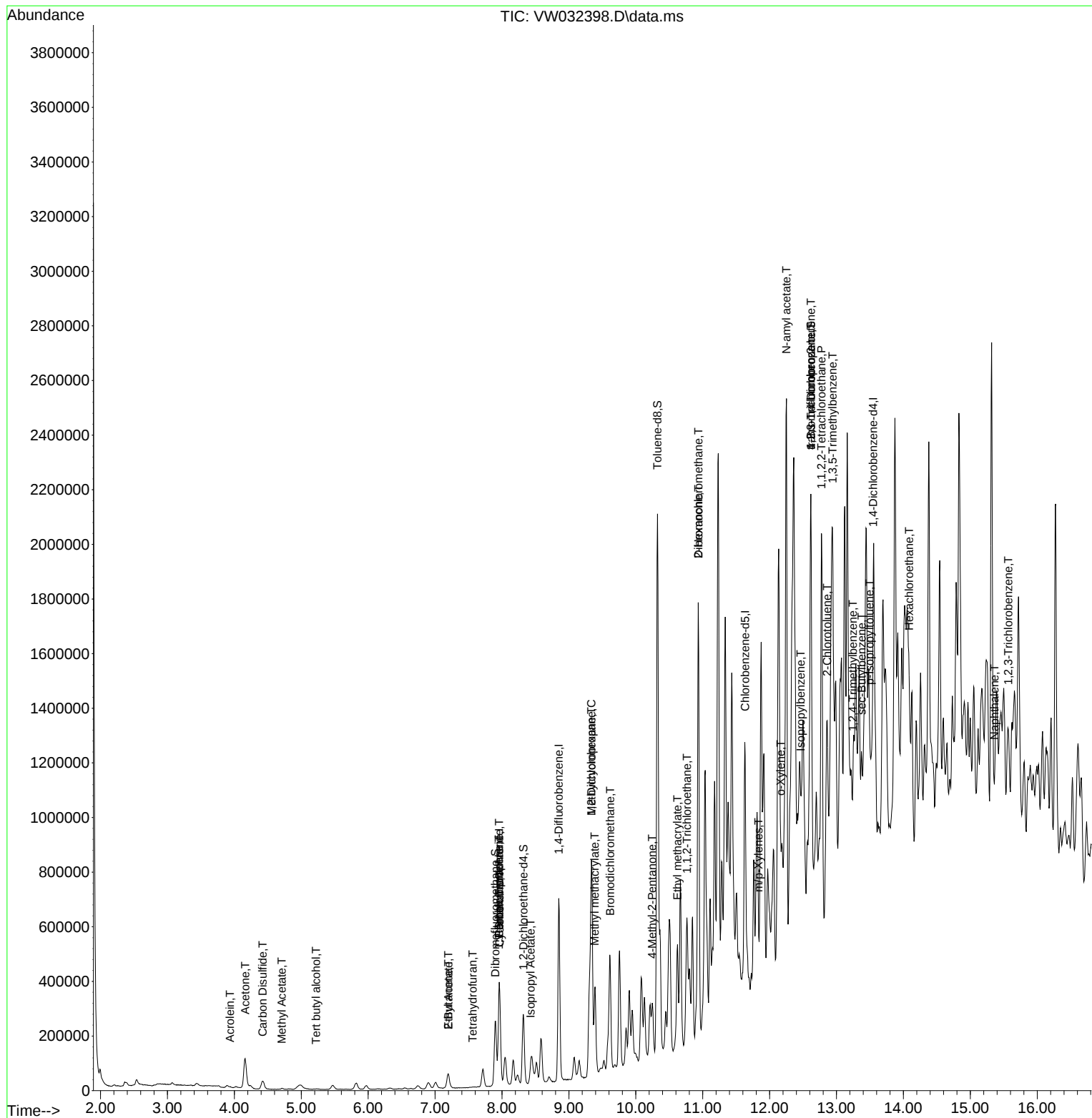
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.568	180	5191	1.254	ug/l #	12

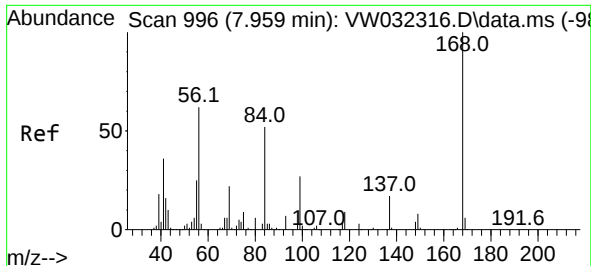
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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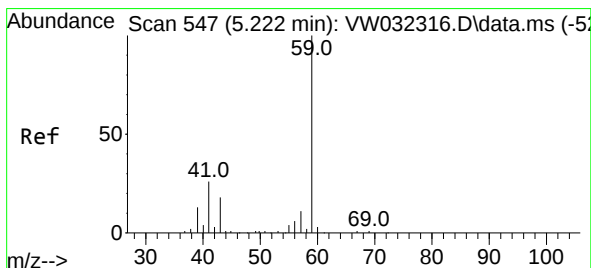
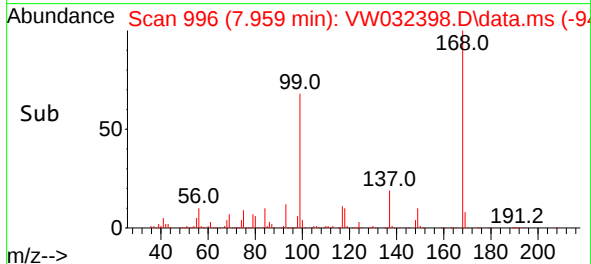
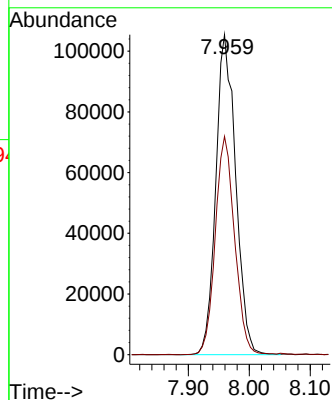
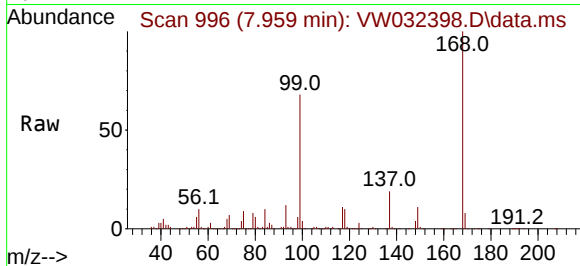




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW032398.D
Acq: 20 Oct 2025 18:36

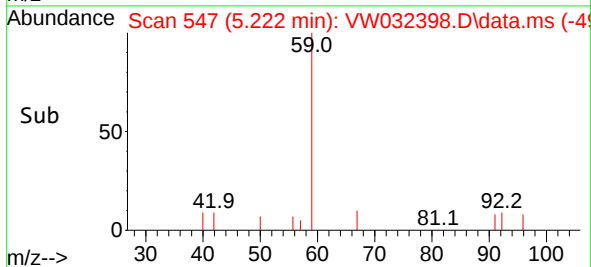
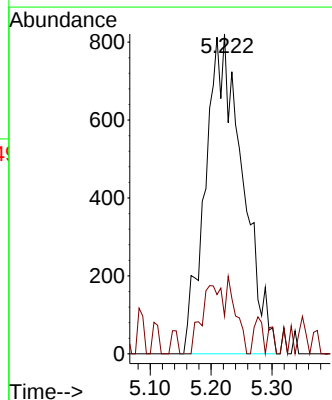
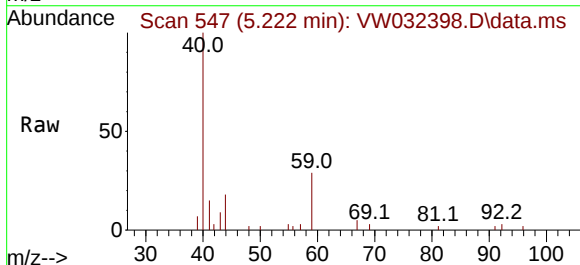
Instrument :
MSVOA_W
ClientSampleId :
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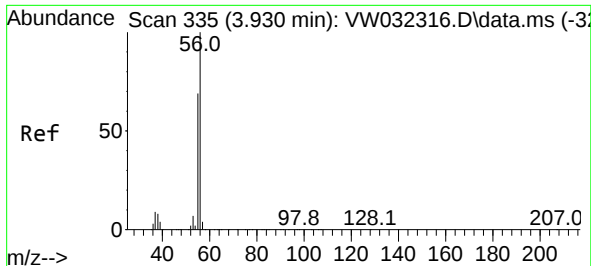
Tgt Ion:168 Resp: 238348
Ion Ratio Lower Upper
168 100
99 68.2 49.3 73.9



#11
Tert butyl alcohol
Concen: 13.244 ug/l
RT: 5.222 min Scan# 547
Delta R.T. -0.000 min
Lab File: VW032398.D
Acq: 20 Oct 2025 18:36

Tgt Ion: 59 Resp: 3485
Ion Ratio Lower Upper
59 100
57 0.0 9.8 14.6

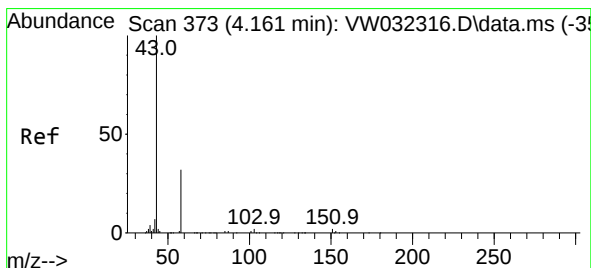
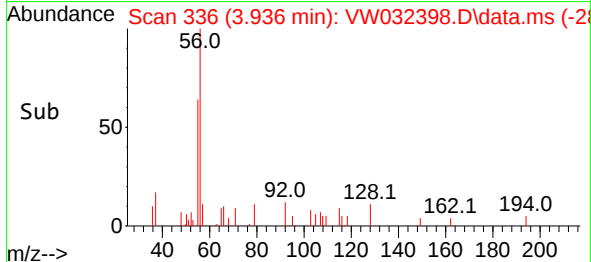
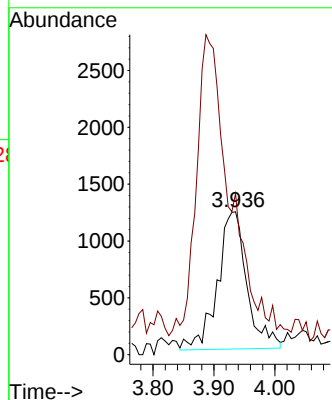
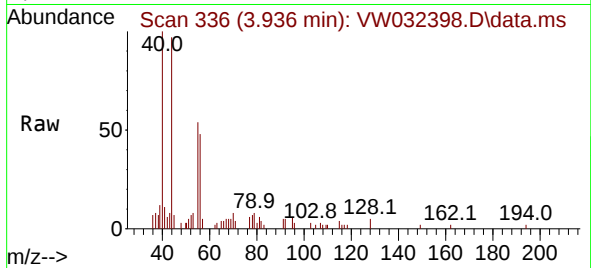




#13
Acrolein
Concen: 9.504 ug/l
RT: 3.936 min Scan# 31
Delta R.T. 0.006 min
Lab File: VW032398.D
Acq: 20 Oct 2025 18:36

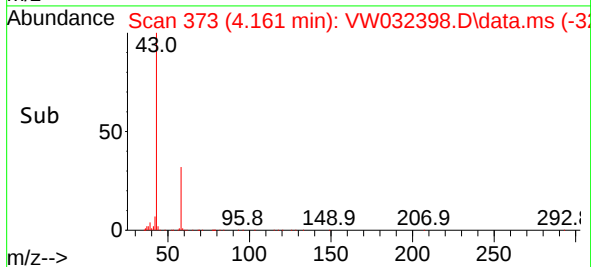
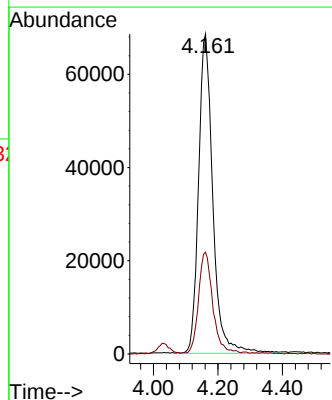
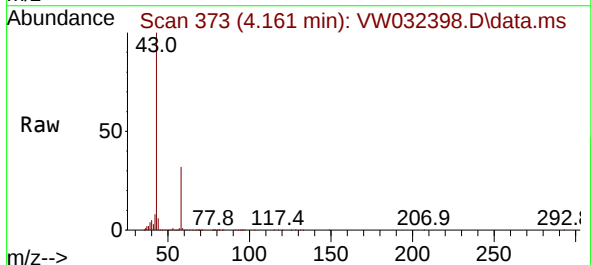
Instrument :
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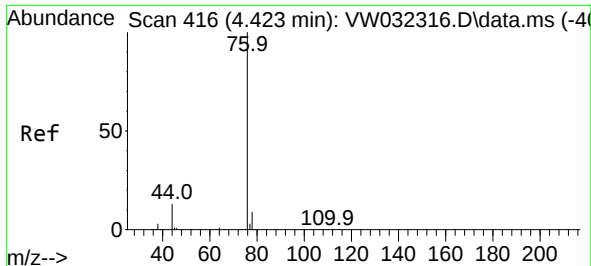
Tgt Ion: 56 Resp: 4059
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 218.806 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032398.D
Acq: 20 Oct 2025 18:36

Tgt Ion: 43 Resp: 210624
Ion Ratio Lower Upper
43 100
58 31.7 25.3 37.9

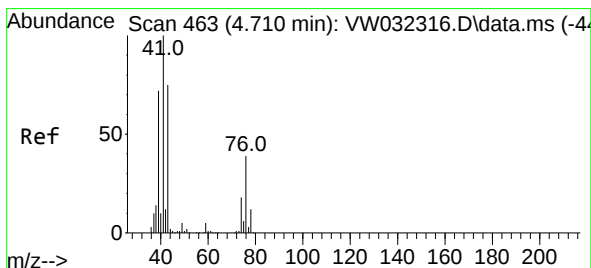
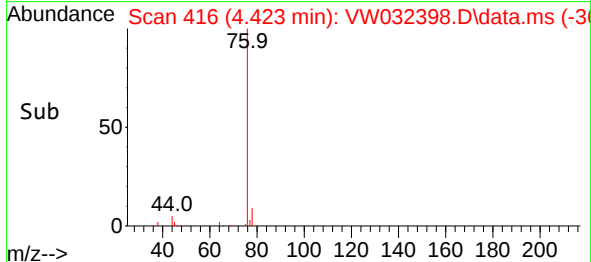
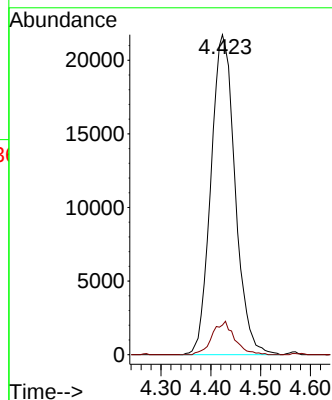
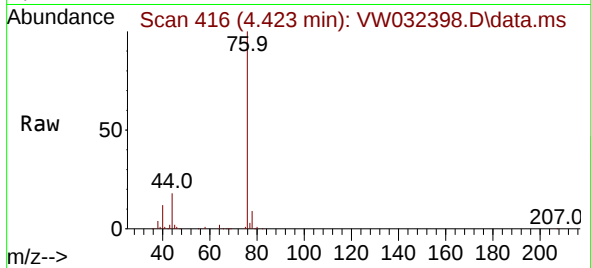




#17
Carbon Disulfide
Concen: 9.996 ug/l
RT: 4.423 min Scan# 416
Delta R.T. -0.000 min
Lab File: VW032398.D
Acq: 20 Oct 2025 18:36

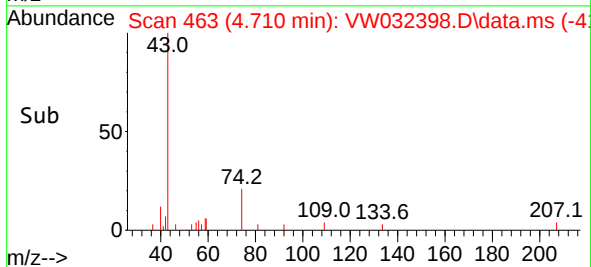
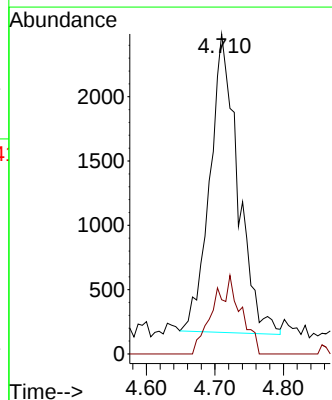
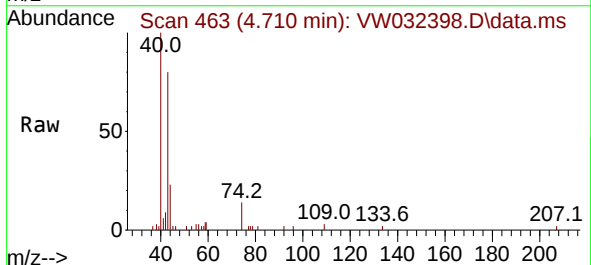
Instrument :
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ClientSampleId :
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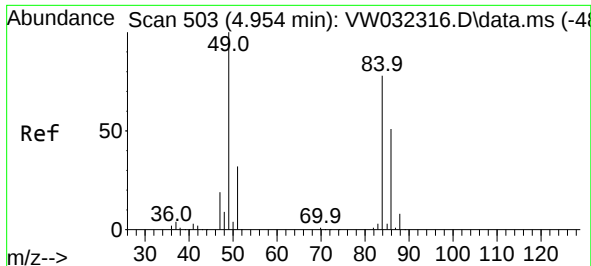
Tgt Ion: 76 Resp: 73268
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6



#18
Methyl Acetate
Concen: 2.403 ug/l
RT: 4.710 min Scan# 463
Delta R.T. -0.000 min
Lab File: VW032398.D
Acq: 20 Oct 2025 18:36

Tgt Ion: 43 Resp: 6625
Ion Ratio Lower Upper
43 100
74 25.8 20.2 30.4

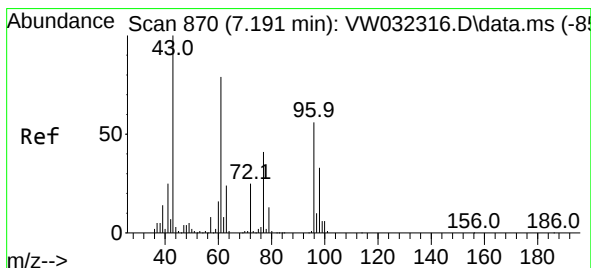
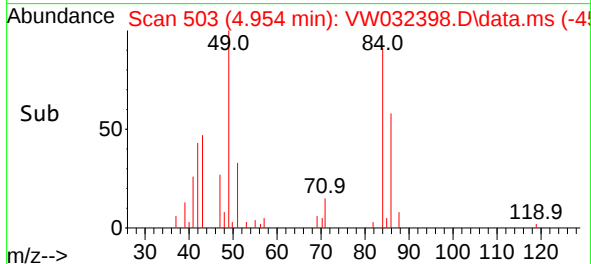
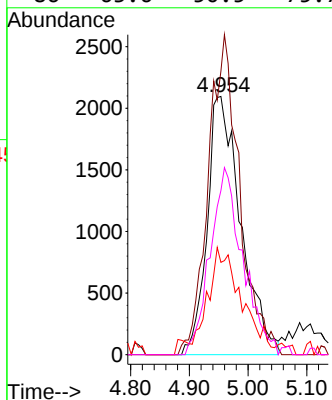
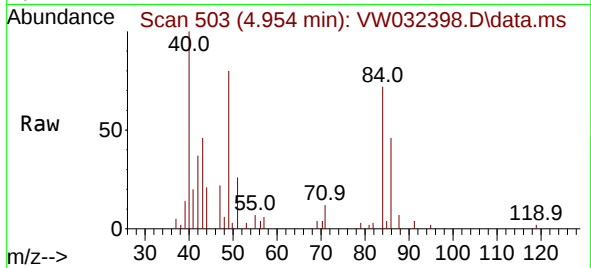




#20
Methylene Chloride
Concen: Below Cal
RT: 4.954 min Scan# 503
Delta R.T. -0.006 min
Lab File: VW032398.D
Acq: 20 Oct 2025 18:36

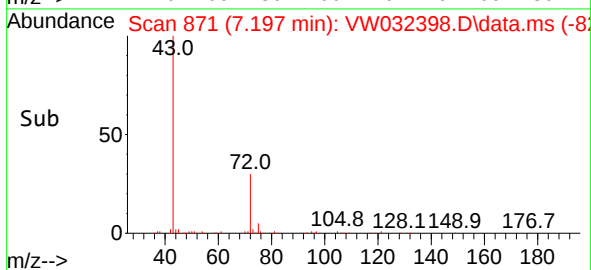
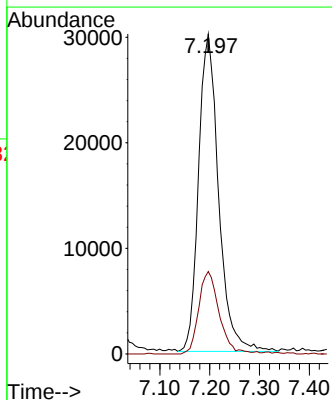
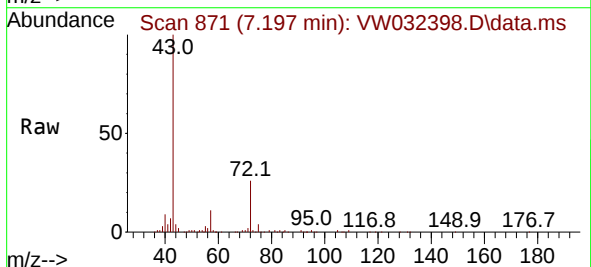
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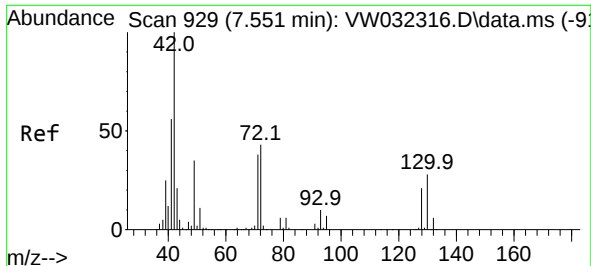
Tgt Ion:	84	Resp:	8335
Ion	Ratio	Lower	Upper
84	100		
49	109.8	92.2	138.4
51	32.0	31.0	46.6
86	63.6	50.5	75.7



#25
2-Butanone
Concen: 63.987 ug/l
RT: 7.197 min Scan# 871
Delta R.T. 0.006 min
Lab File: VW032398.D
Acq: 20 Oct 2025 18:36

Tgt Ion:	43	Resp:	83888
Ion	Ratio	Lower	Upper
43	100		
72	25.9	21.4	32.2

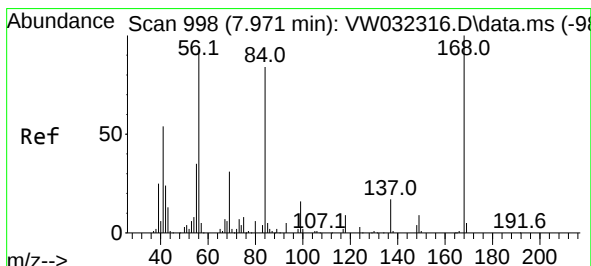
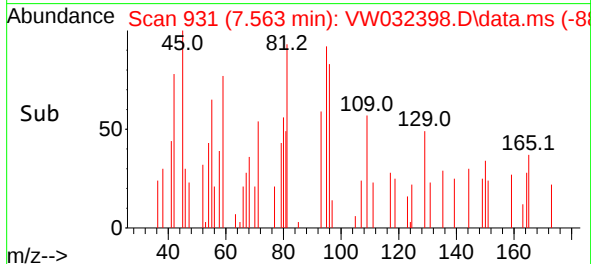
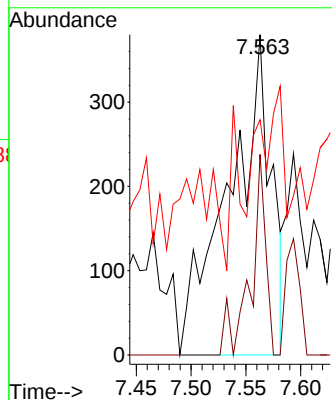
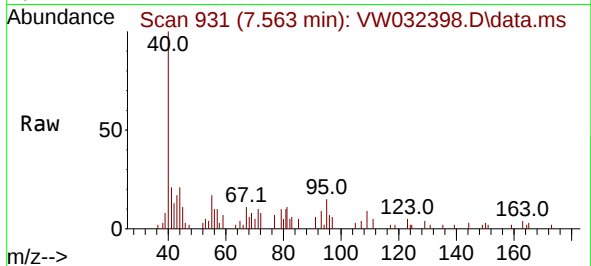




#29
Tetrahydrofuran
Concen: 1.224 ug/l
RT: 7.563 min Scan# 91
Delta R.T. 0.012 min
Lab File: VW032398.D
Acq: 20 Oct 2025 18:36

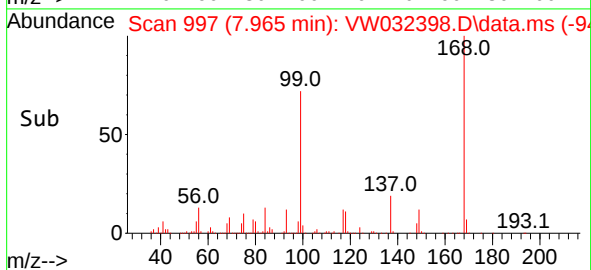
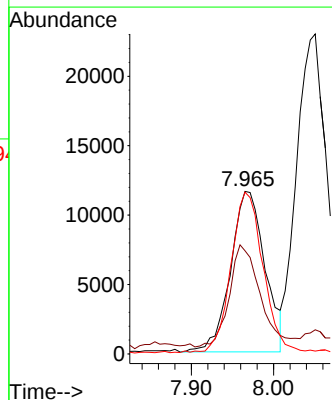
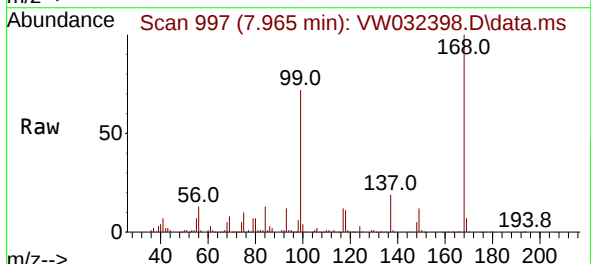
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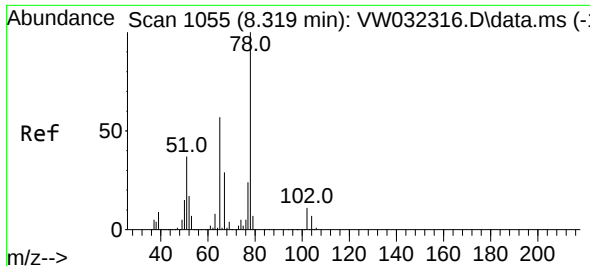
Tgt Ion: 42 Resp: 1009
Ion Ratio Lower Upper
42 100
72 22.2 37.4 56.2#
71 0.0 36.0 54.0#



#31
Cyclohexane
Concen: 6.874 ug/l
RT: 7.965 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW032398.D
Acq: 20 Oct 2025 18:36

Tgt Ion: 56 Resp: 33642
Ion Ratio Lower Upper
56 100
69 59.2 27.7 41.5#
84 99.0 74.6 112.0

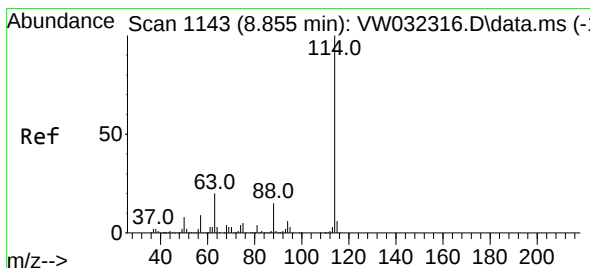
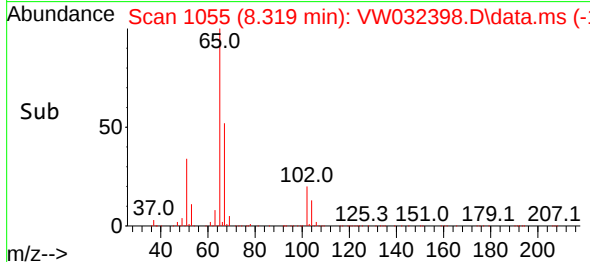
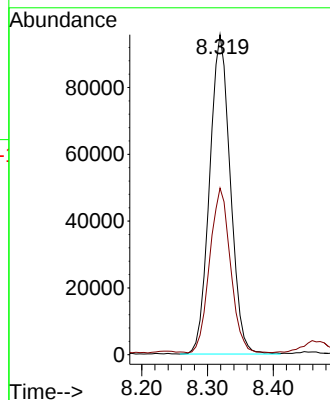
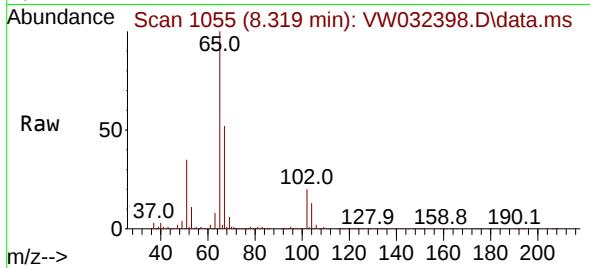




#33
 1,2-Dichloroethane-d4
 Concen: 60.280 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032398.D
 Acq: 20 Oct 2025 18:36

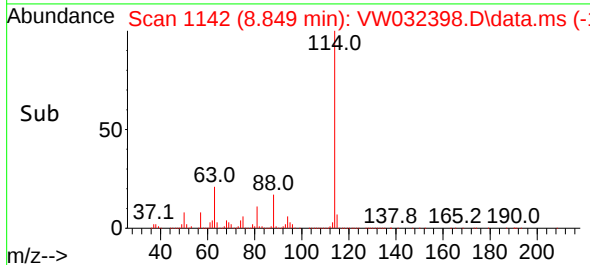
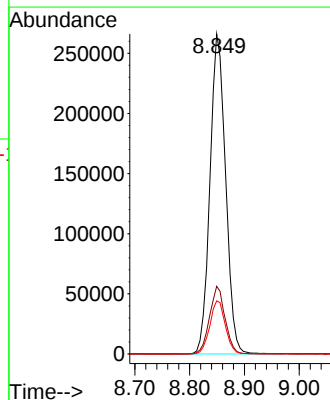
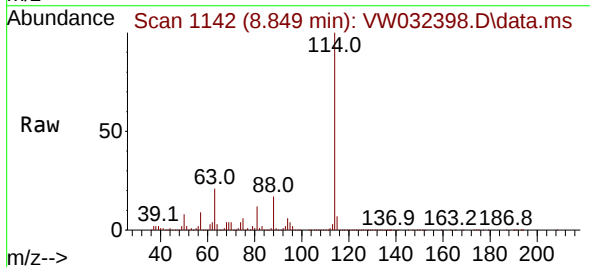
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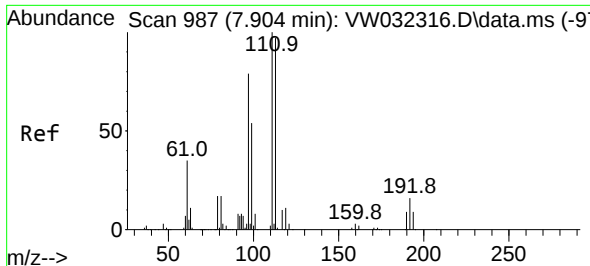
Tgt Ion: 65 Resp: 209559
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW032398.D
 Acq: 20 Oct 2025 18:36

Tgt Ion: 114 Resp: 525564
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 40.4
 88 16.6 0.0 32.0

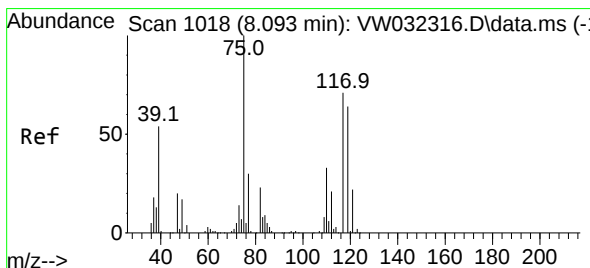
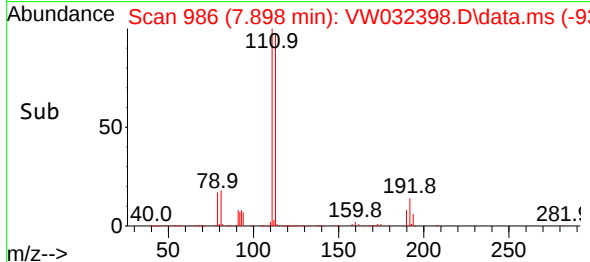
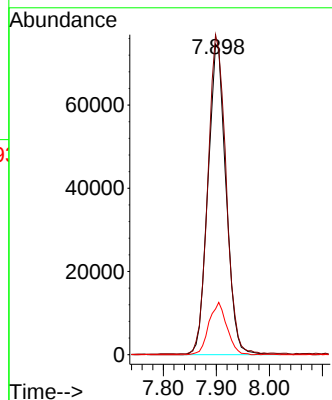
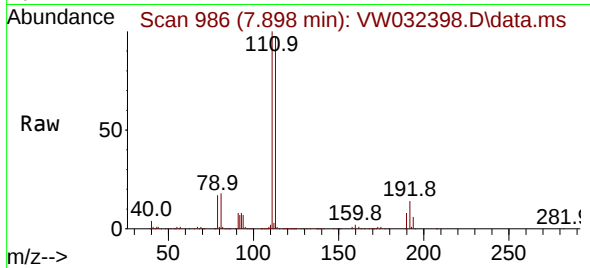




#35
Dibromofluoromethane
Concen: 52.002 ug/l
RT: 7.898 min Scan# 911
Delta R.T. -0.006 min
Lab File: VW032398.D
Acq: 20 Oct 2025 18:36

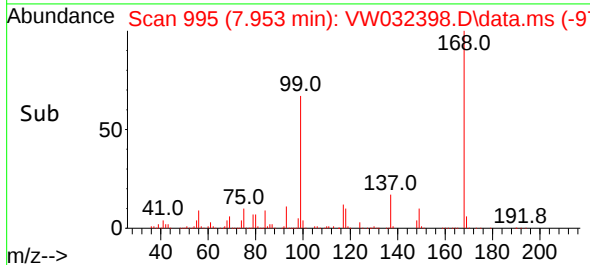
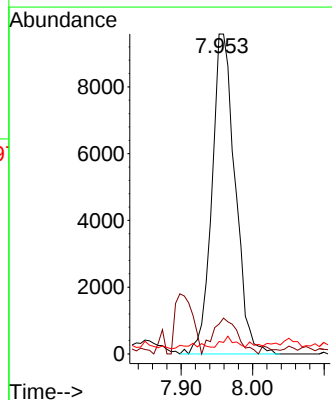
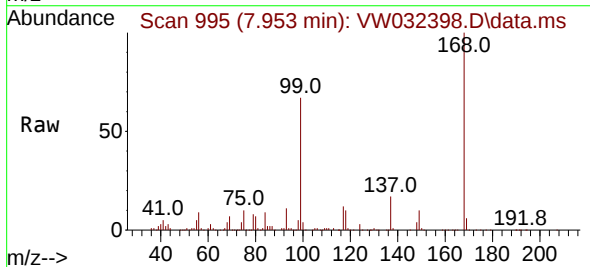
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-102116-20251017

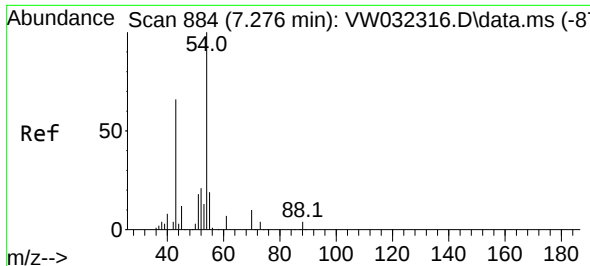
Tgt Ion:113 Resp: 176996
Ion Ratio Lower Upper
113 100
111 102.9 83.9 125.9
192 16.8 14.6 21.8



#36
1,1-Dichloropropene
Concen: 4.507 ug/l
RT: 7.953 min Scan# 995
Delta R.T. -0.146 min
Lab File: VW032398.D
Acq: 20 Oct 2025 18:36

Tgt Ion: 75 Resp: 21647
Ion Ratio Lower Upper
75 100
110 11.8 17.5 52.5#
77 1.7 24.1 36.1#

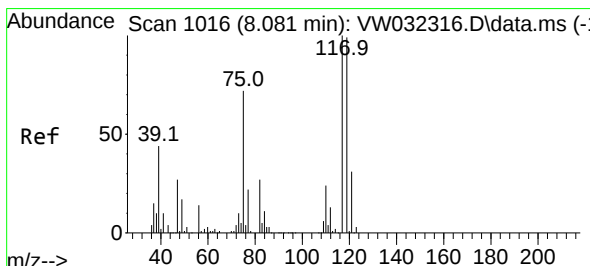
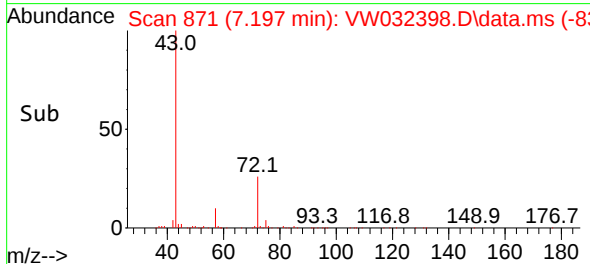
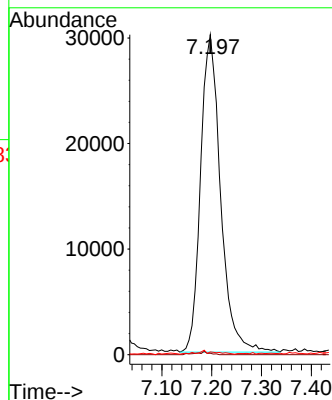
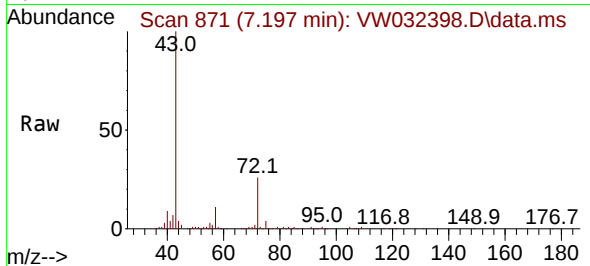




#37
Ethyl Acetate
Concen: 26.237 ug/l
RT: 7.197 min Scan# 81
Delta R.T. -0.079 min
Lab File: VW032398.D
Acq: 20 Oct 2025 18:36

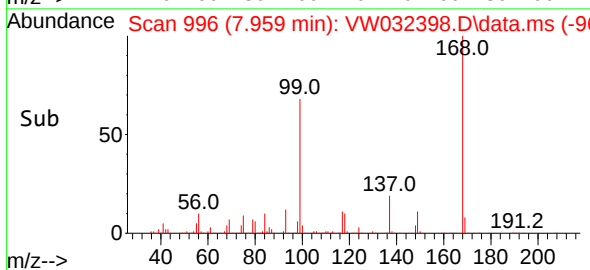
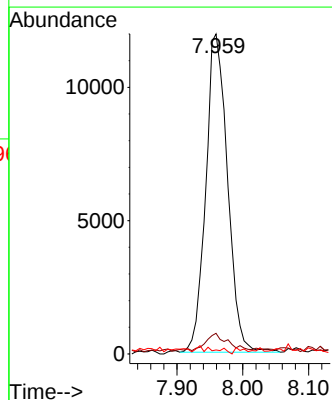
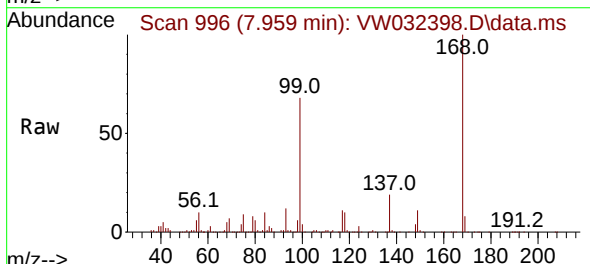
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-102116-20251017

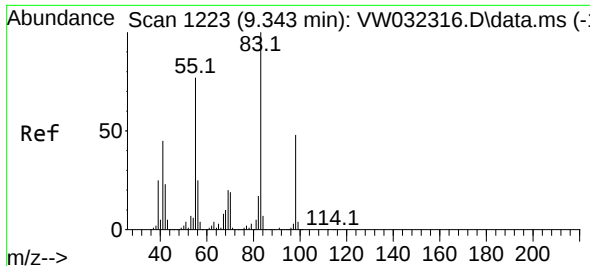
Tgt Ion: 43 Resp: 83888
Ion Ratio Lower Upper
43 100
61 0.6 11.3 16.9#
70 0.7 8.9 13.3#



#38
Carbon Tetrachloride
Concen: 6.090 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.128 min
Lab File: VW032398.D
Acq: 20 Oct 2025 18:36

Tgt Ion: 117 Resp: 27527
Ion Ratio Lower Upper
117 100
119 5.1 74.2 111.2#
121 0.0 25.6 38.4#

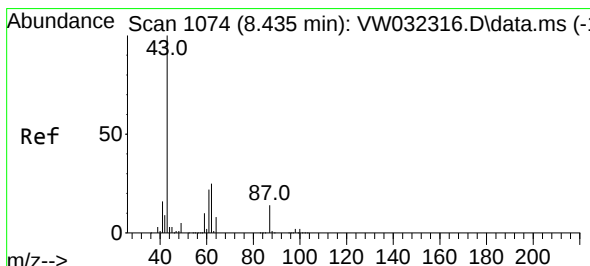
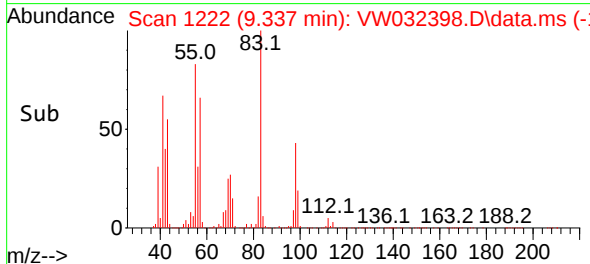
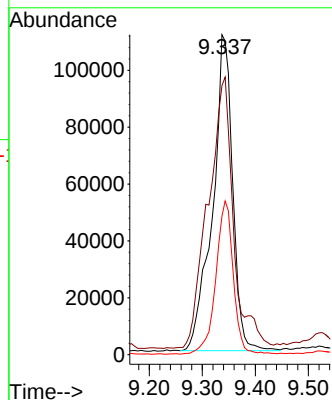
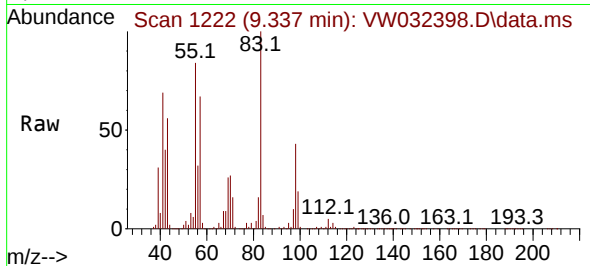




#39
Methylcyclohexane
Concen: 50.317 ug/l
RT: 9.337 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032398.D
Acq: 20 Oct 2025 18:36

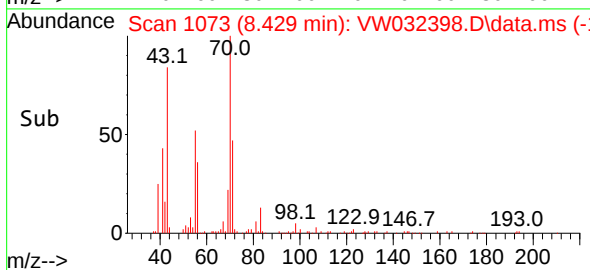
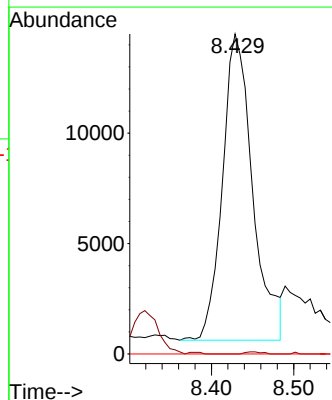
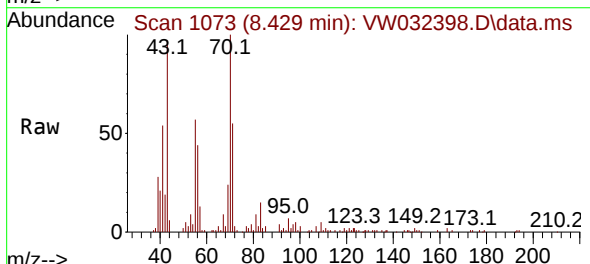
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-102116-20251017

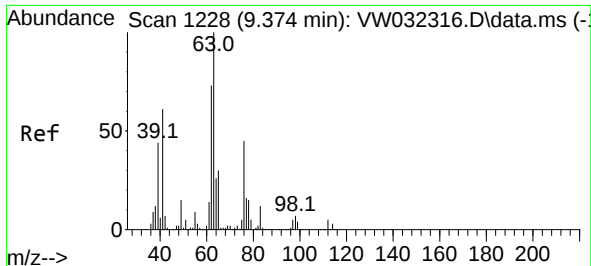
Tgt Ion: 83 Resp: 291539
Ion Ratio Lower Upper
83 100
55 82.9 58.4 87.6
98 43.7 39.4 59.2



#43
Isopropyl Acetate
Concen: 6.239 ug/l
RT: 8.429 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VW032398.D
Acq: 20 Oct 2025 18:36

Tgt Ion: 43 Resp: 35387
Ion Ratio Lower Upper
43 100
61 0.4 23.3 34.9#
87 0.0 11.1 16.7#





#45

1,2-Dichloropropane

Concen: 1.044 ug/l

RT: 9.337 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW032398.D

Acq: 20 Oct 2025 18:36

Instrument :

MSVOA_W

ClientSampleId :

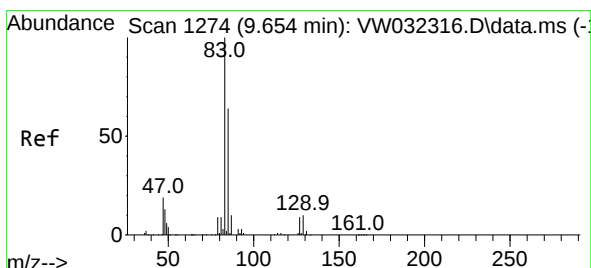
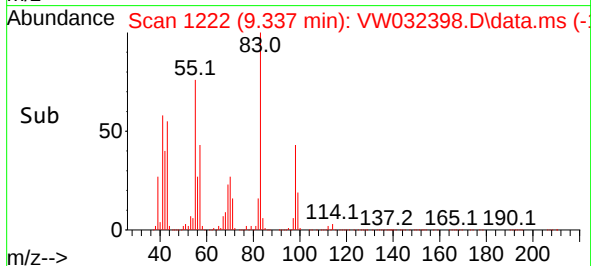
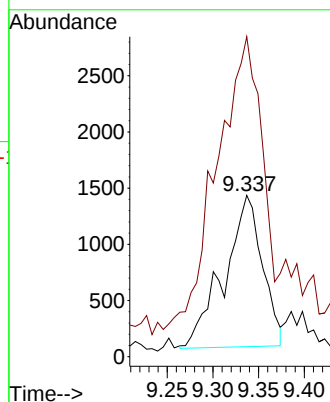
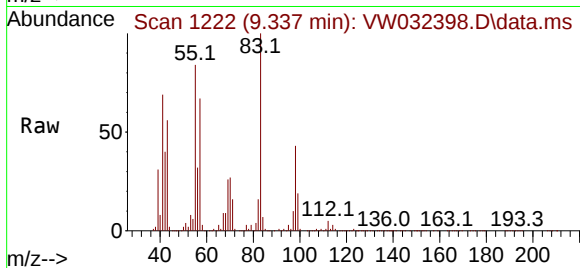
PR132-S07-102116-20251017

Tgt Ion: 63 Resp: 3922

Ion Ratio Lower Upper

63 100

65 183.3 24.3 36.5#



#47

Bromodichloromethane

Concen: 2.897 ug/l

RT: 9.617 min Scan# 1268

Delta R.T. -0.031 min

Lab File: VW032398.D

Acq: 20 Oct 2025 18:36

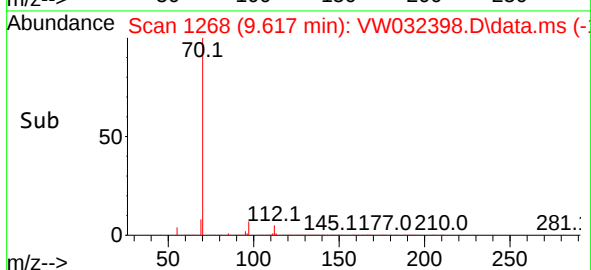
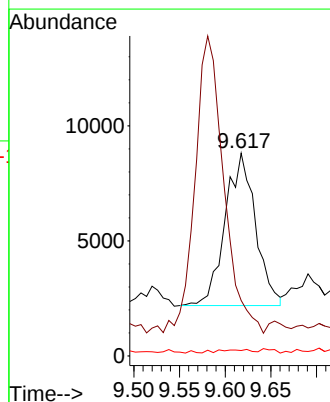
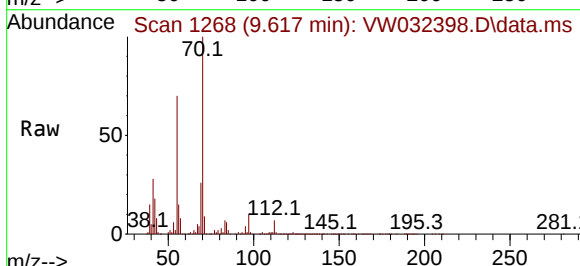
Tgt Ion: 83 Resp: 15314

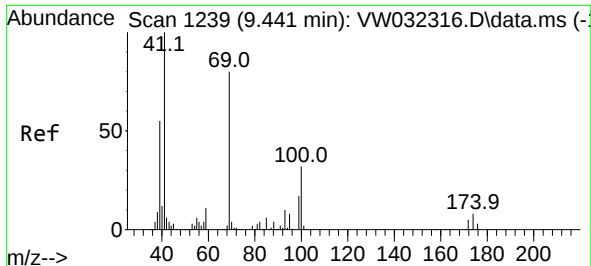
Ion Ratio Lower Upper

83 100

85 15.3 48.7 73.1#

127 1.6 6.4 9.6#

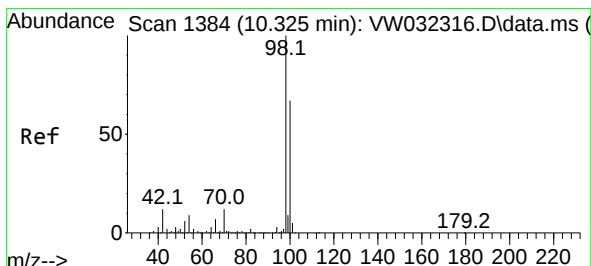
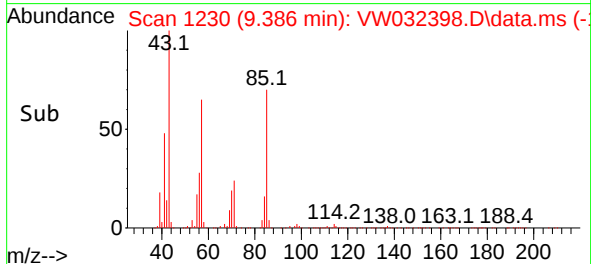
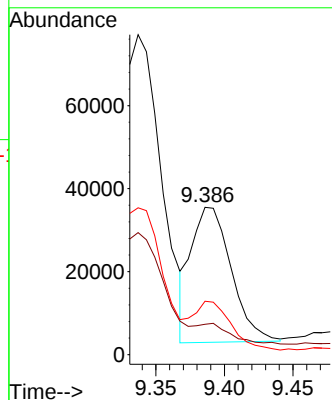
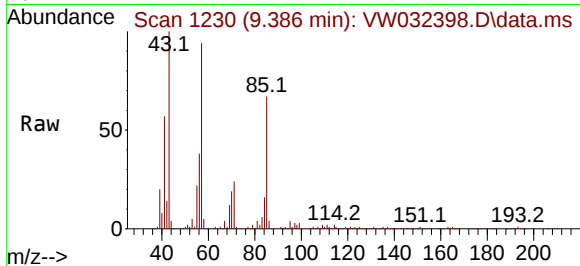




#48
Methyl methacrylate
Concen: 24.041 ug/l
RT: 9.386 min Scan# 11
Delta R.T. -0.055 min
Lab File: VW032398.D
Acq: 20 Oct 2025 18:36

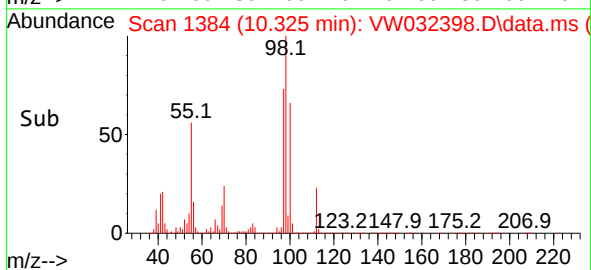
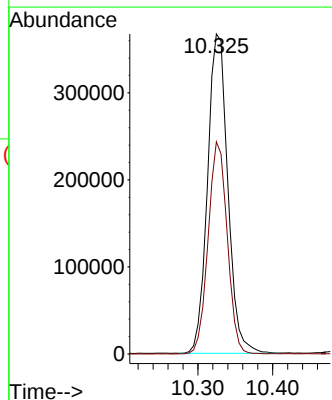
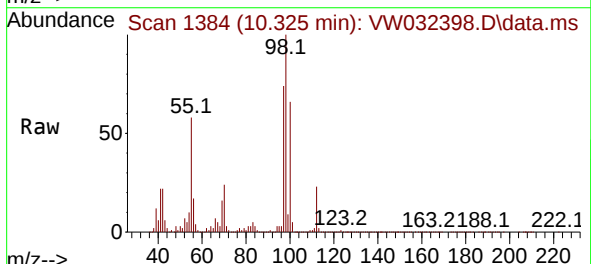
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-102116-20251017

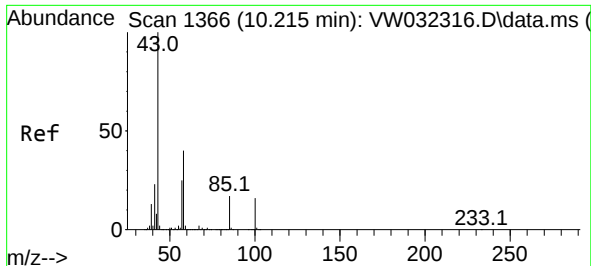
Tgt Ion: 41 Resp: 66298
Ion Ratio Lower Upper
41 100
69 0.0 71.5 107.3#
39 31.5 55.9 83.9#



#50
Toluene-d8
Concen: 55.018 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VW032398.D
Acq: 20 Oct 2025 18:36

Tgt Ion: 98 Resp: 691135
Ion Ratio Lower Upper
98 100
100 62.5 51.4 77.2

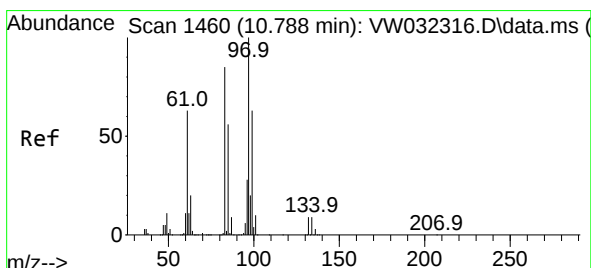
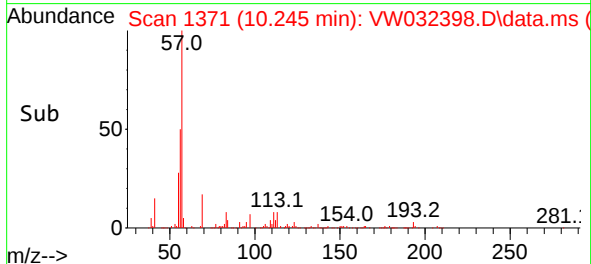
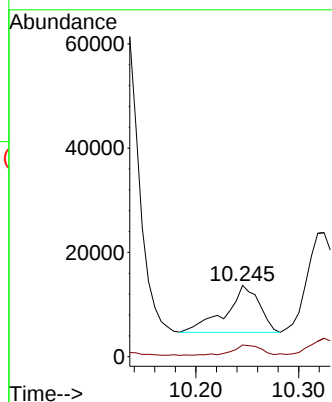
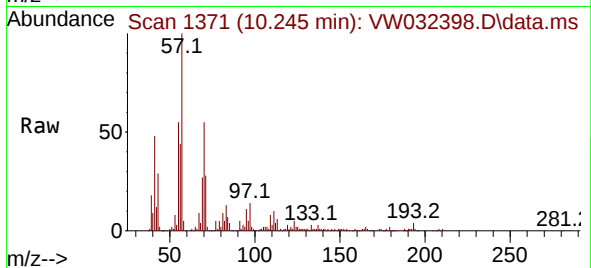




#51
4-Methyl-2-Pentanone
Concen: 6.287 ug/l
RT: 10.245 min Scan# 11
Delta R.T. 0.030 min
Lab File: VW032398.D
Acq: 20 Oct 2025 18:36

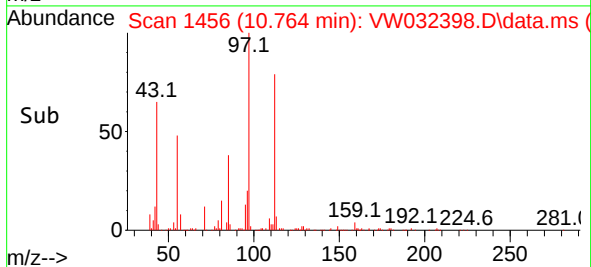
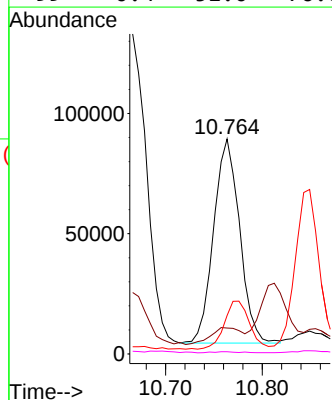
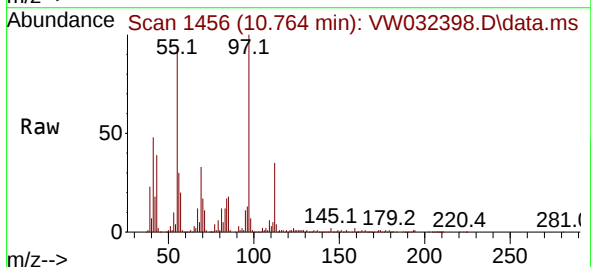
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-102116-20251017

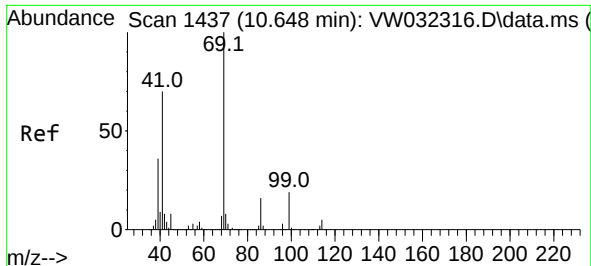
Tgt Ion: 43 Resp: 20654
Ion Ratio Lower Upper
43 100
58 18.8 32.0 48.0#



#55
1,1,2-Trichloroethane
Concen: 51.391 ug/l
RT: 10.764 min Scan# 1456
Delta R.T. -0.024 min
Lab File: VW032398.D
Acq: 20 Oct 2025 18:36

Tgt Ion: 97 Resp: 158725
Ion Ratio Lower Upper
97 100
83 7.1 71.0 106.6#
85 16.2 42.8 64.2#
99 0.4 51.0 76.6#

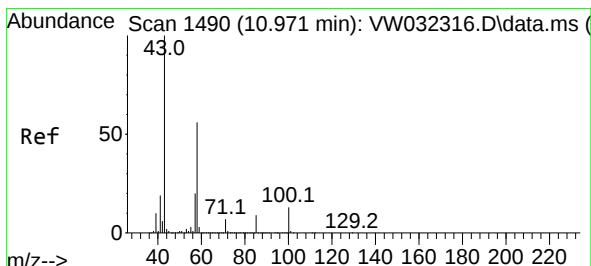
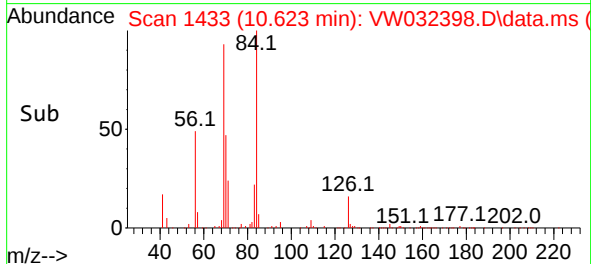
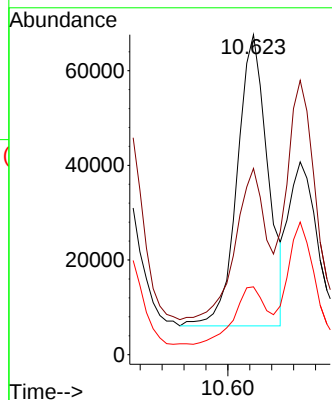
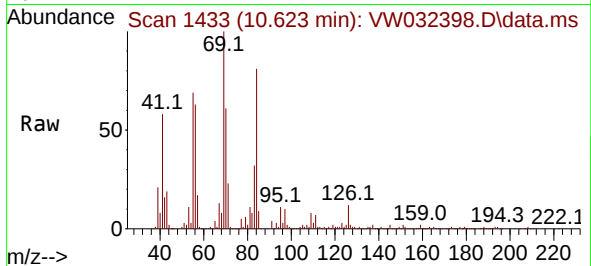




#56
Ethyl methacrylate
Concen: 27.636 ug/l
RT: 10.623 min Scan# 1433
Delta R.T. -0.024 min
Lab File: VW032398.D
Acq: 20 Oct 2025 18:36

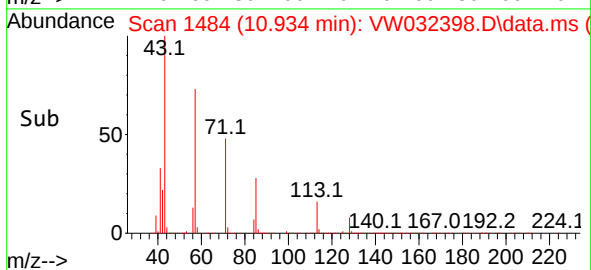
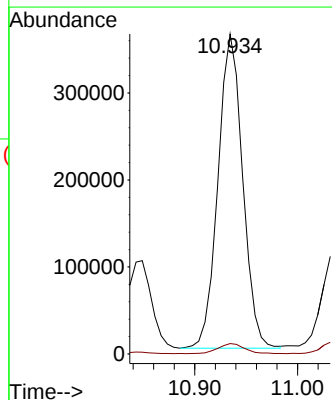
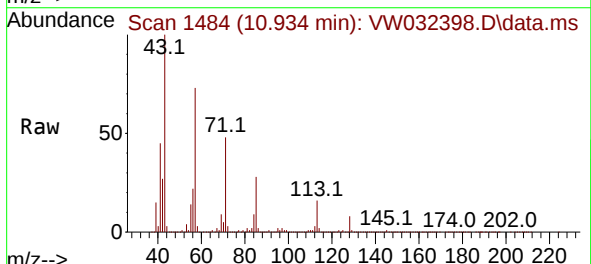
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-102116-20251017

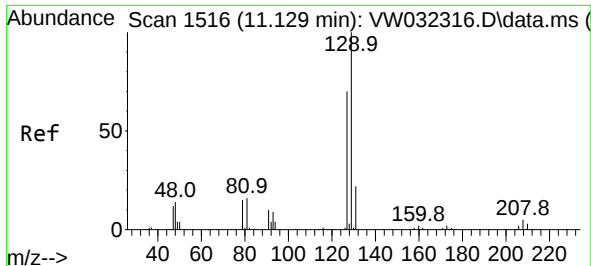
Tgt Ion: 69 Resp: 119473
Ion Ratio Lower Upper
69 100
41 52.4 53.2 79.8#
39 21.3 32.9 49.3#



#59
2-Hexanone
Concen: 259.631 ug/l
RT: 10.934 min Scan# 1484
Delta R.T. -0.037 min
Lab File: VW032398.D
Acq: 20 Oct 2025 18:36

Tgt Ion: 43 Resp: 601557
Ion Ratio Lower Upper
43 100
58 3.4 27.5 82.4#

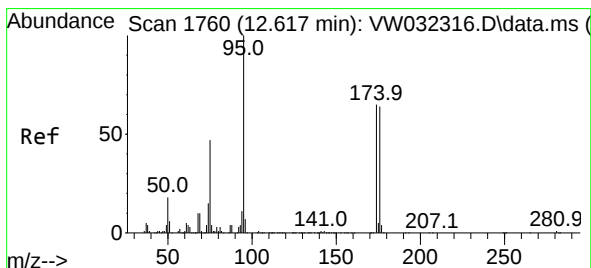
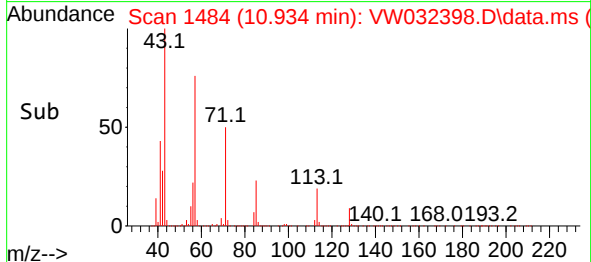
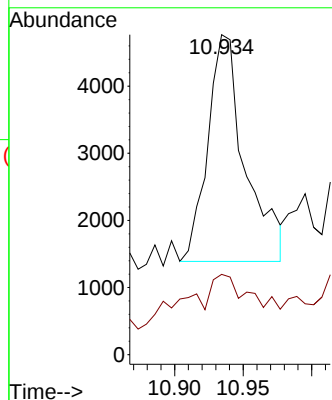
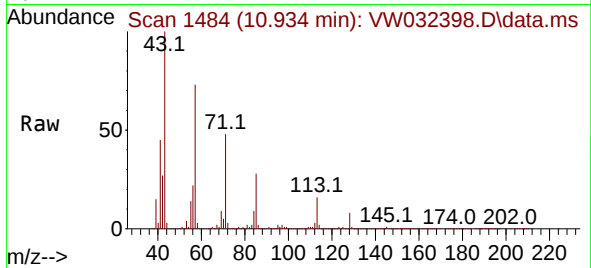




#60
Dibromochloromethane
Concen: 1.825 ug/l
RT: 10.934 min Scan# 14
Delta R.T. -0.195 min
Lab File: VW032398.D
Acq: 20 Oct 2025 18:36

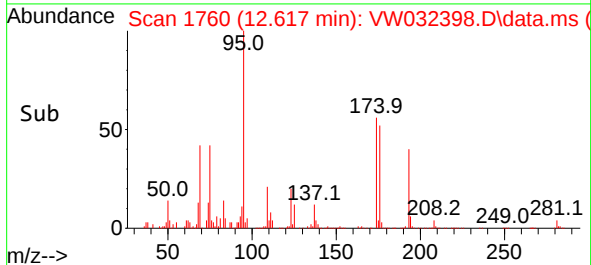
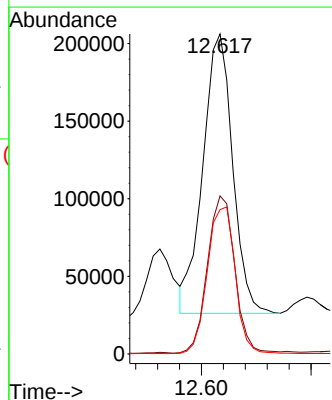
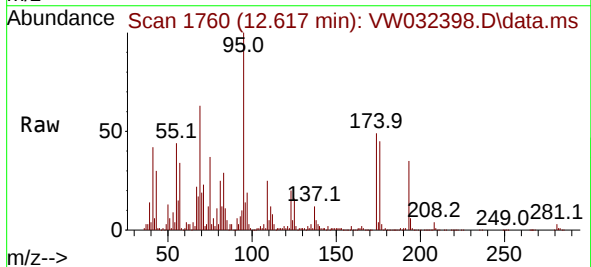
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-102116-20251017

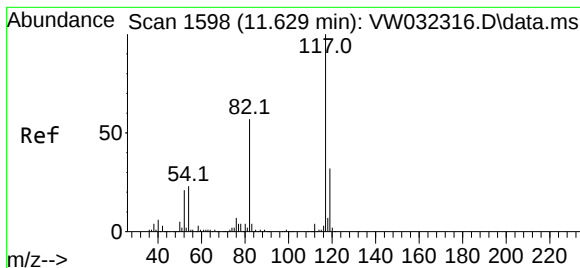
Tgt Ion:129 Resp: 6400
Ion Ratio Lower Upper
129 100
127 44.2 38.1 114.5



#62
4-Bromofluorobenzene
Concen: 71.443 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032398.D
Acq: 20 Oct 2025 18:36

Tgt Ion: 95 Resp: 339211
Ion Ratio Lower Upper
95 100
174 51.8 0.0 145.6
176 49.2 0.0 140.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.635 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW032398.D

Acq: 20 Oct 2025 18:36

Instrument :

MSVOA_W

ClientSampleId :

PR132-S07-102116-20251017

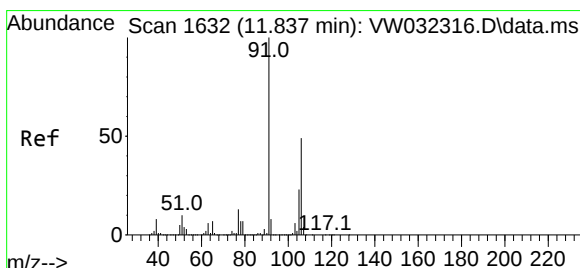
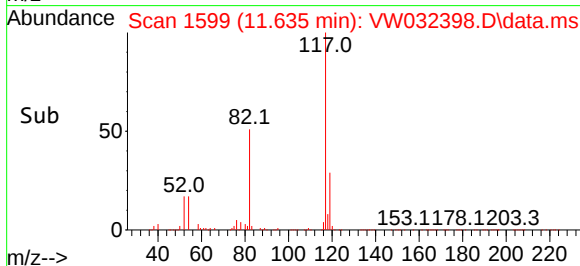
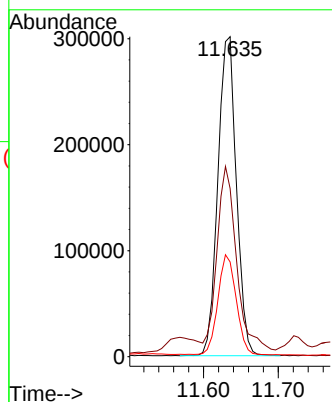
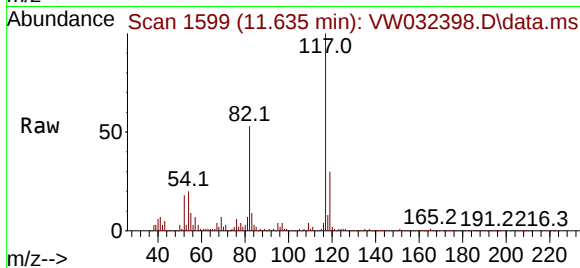
Tgt Ion:117 Resp: 518256

Ion Ratio Lower Upper

117 100

82 49.9 42.7 64.1

119 29.1 25.2 37.8



#68

m/p-Xylenes

Concen: 1.388 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW032398.D

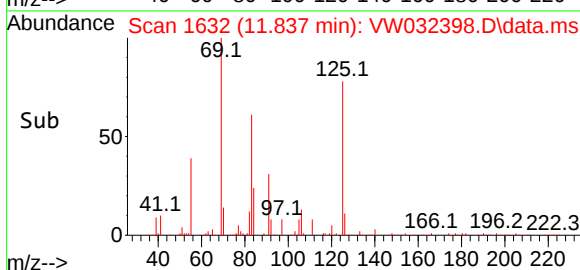
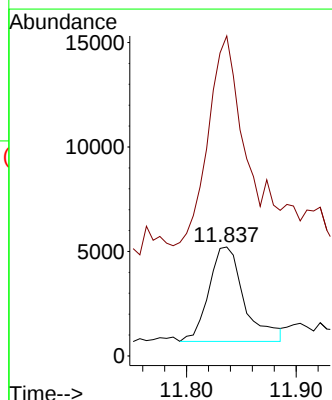
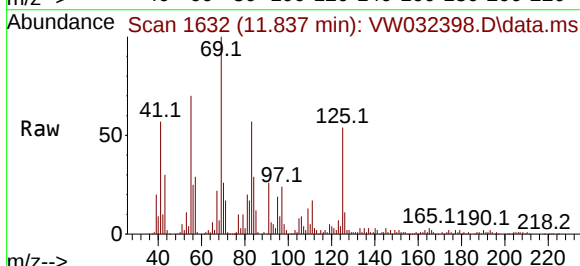
Acq: 20 Oct 2025 18:36

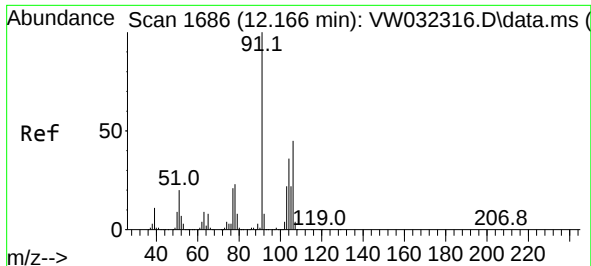
Tgt Ion:106 Resp: 10173

Ion Ratio Lower Upper

106 100

91 256.0 164.2 246.2#

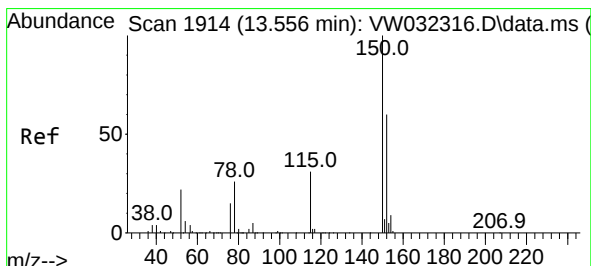
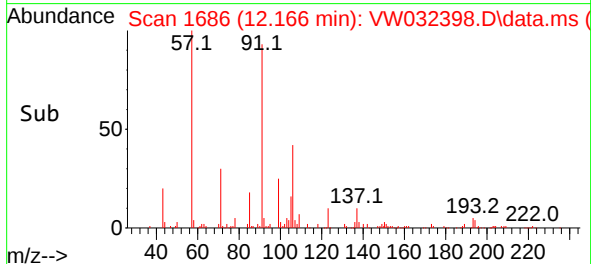
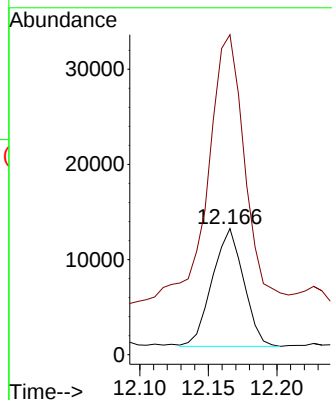
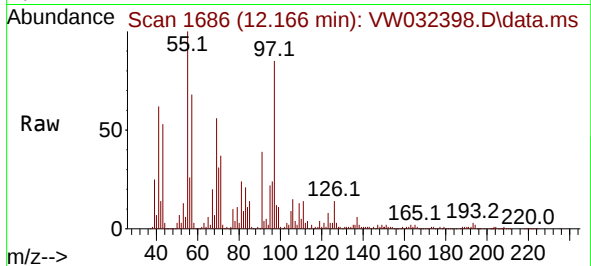




#69
o-Xylene
Concen: 2.879 ug/l
RT: 12.166 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032398.D
Acq: 20 Oct 2025 18:36

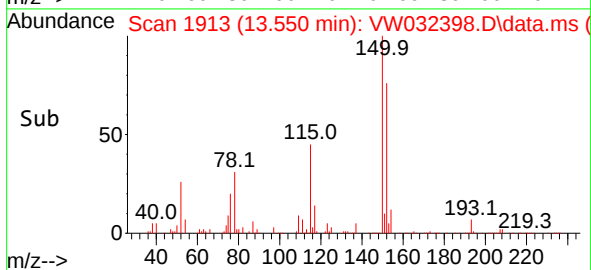
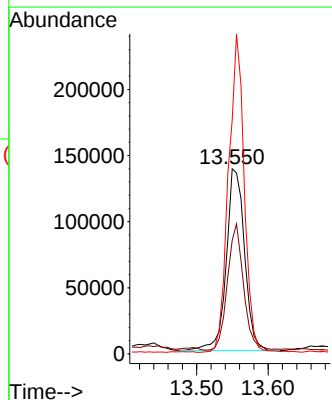
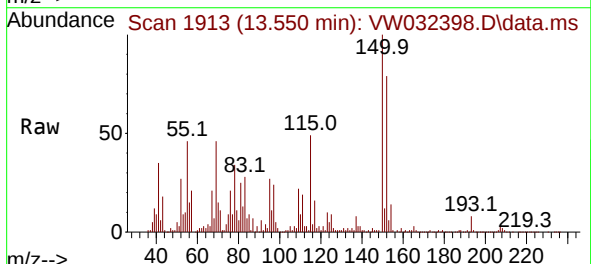
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-102116-20251017

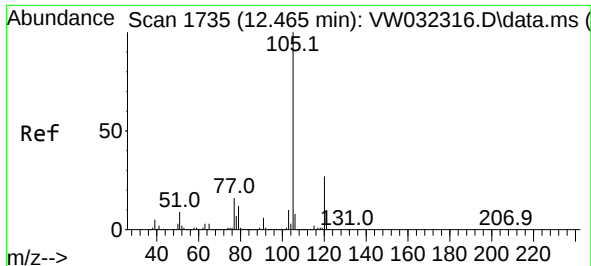
Tgt Ion:106 Resp: 19732
Ion Ratio Lower Upper
106 100
91 301.9 108.7 326.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.550 min Scan# 1913
Delta R.T. -0.006 min
Lab File: VW032398.D
Acq: 20 Oct 2025 18:36

Tgt Ion:152 Resp: 242674
Ion Ratio Lower Upper
152 100
115 61.1 31.8 95.4
150 152.1 0.0 343.0

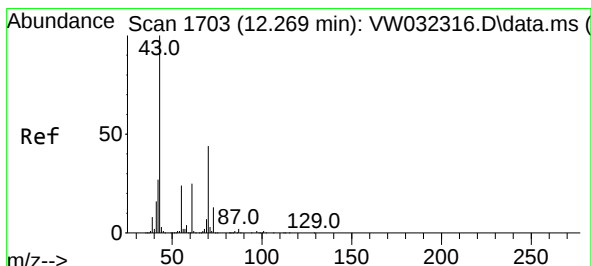
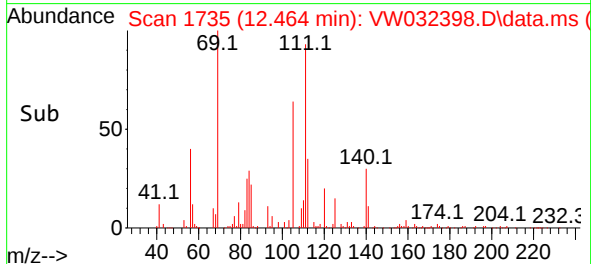
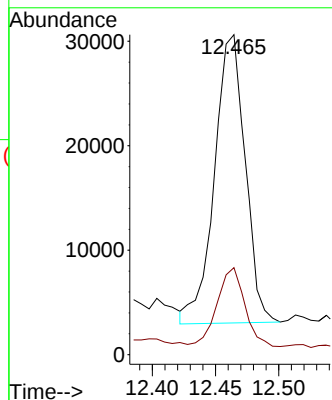
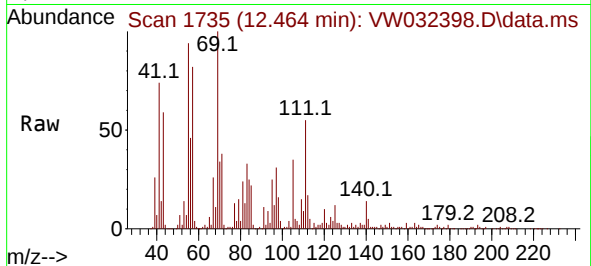




#73
Isopropylbenzene
Concen: 2.810 ug/l
RT: 12.464 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032398.D
Acq: 20 Oct 2025 18:36

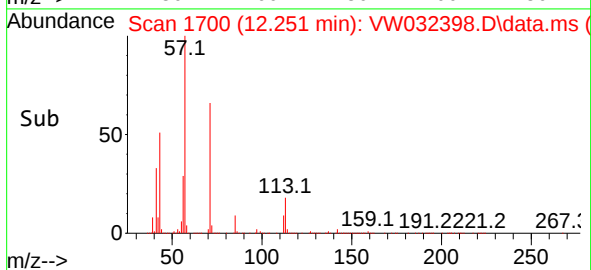
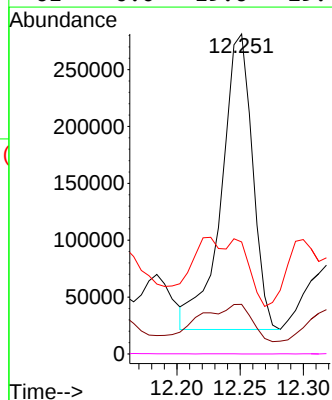
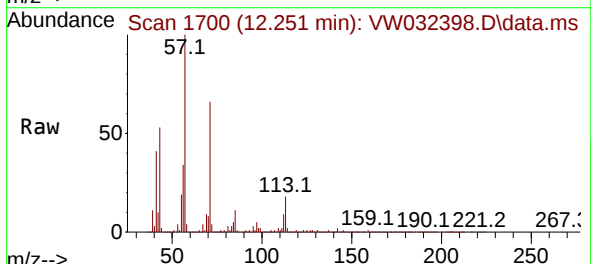
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-102116-20251017

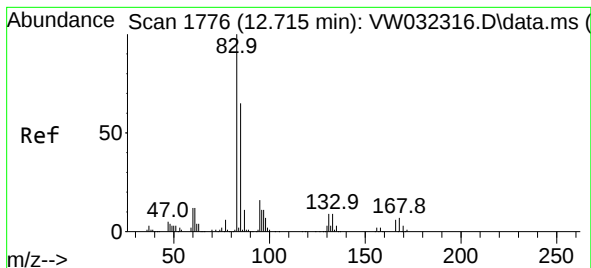
Tgt Ion:105 Resp: 46646
Ion Ratio Lower Upper
105 100
120 24.6 13.0 38.9



#74
N-ethyl acetate
Concen: 83.917 ug/l
RT: 12.251 min Scan# 1700
Delta R.T. -0.018 min
Lab File: VW032398.D
Acq: 20 Oct 2025 18:36

Tgt Ion: 43 Resp: 444465
Ion Ratio Lower Upper
43 100
70 21.0 35.3 52.9#
55 0.0 19.9 29.9#
61 0.0 19.6 29.4#

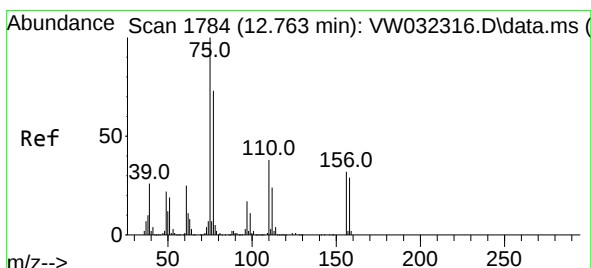
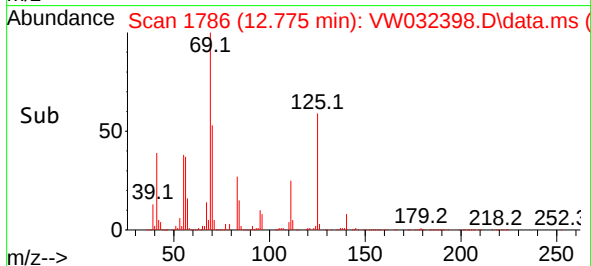
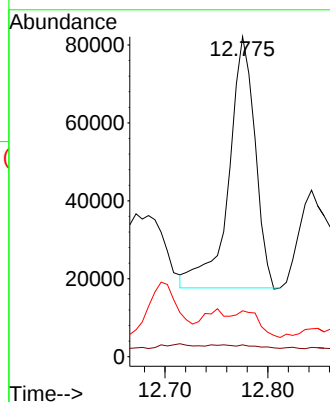
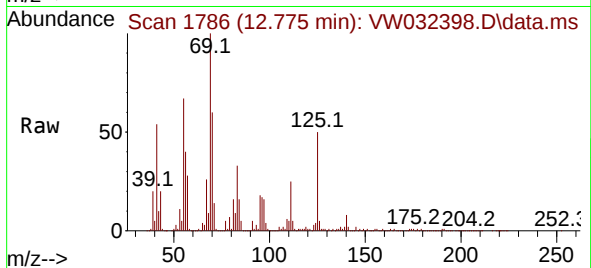




#75
1,1,2,2-Tetrachloroethane
Concen: 27.832 ug/l
RT: 12.775 min Scan# 1775
Delta R.T. 0.061 min
Lab File: VW032398.D
Acq: 20 Oct 2025 18:36

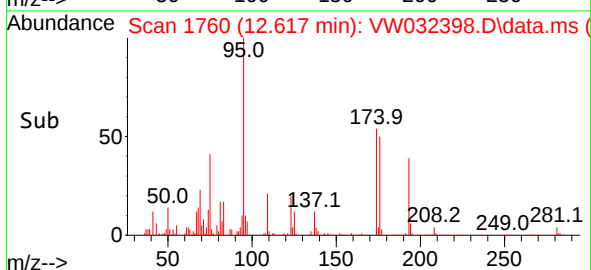
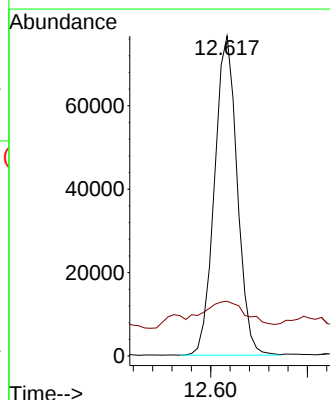
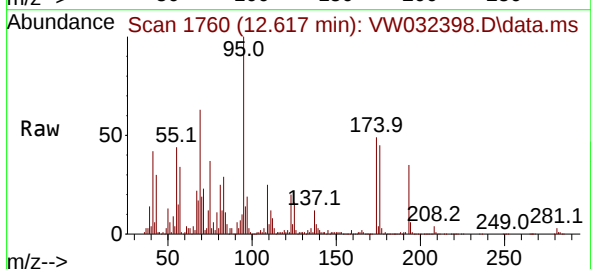
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-102116-20251017

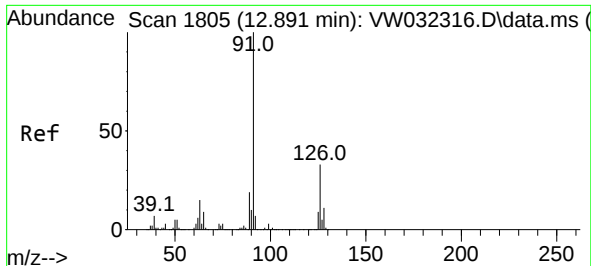
Tgt Ion: 83 Resp: 114733
Ion Ratio Lower Upper
83 100
131 0.0 5.1 15.4#
85 0.0 32.2 96.6#



#76
1,2,3-Trichloropropane
Concen: 38.987 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.146 min
Lab File: VW032398.D
Acq: 20 Oct 2025 18:36

Tgt Ion: 75 Resp: 124505
Ion Ratio Lower Upper
75 100
77 15.8 141.7 425.1#

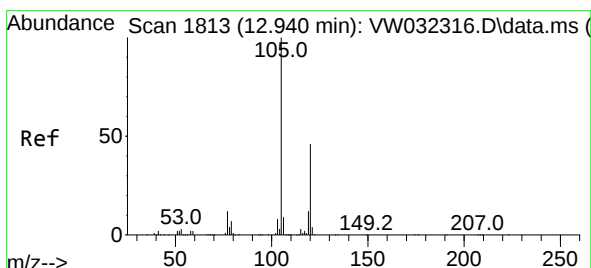
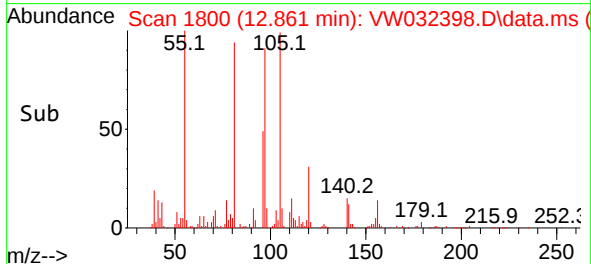
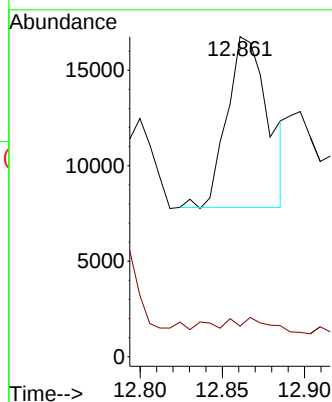
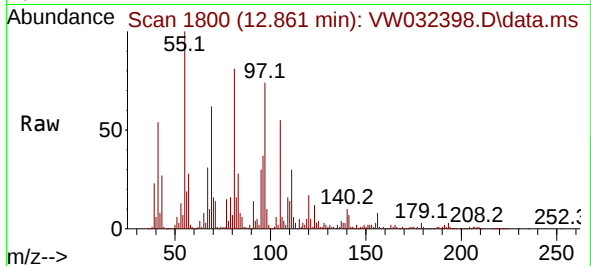




#79
2-Chlorotoluene
Concen: 1.224 ug/l
RT: 12.861 min Scan# 11
Delta R.T. -0.024 min
Lab File: VW032398.D
Acq: 20 Oct 2025 18:36

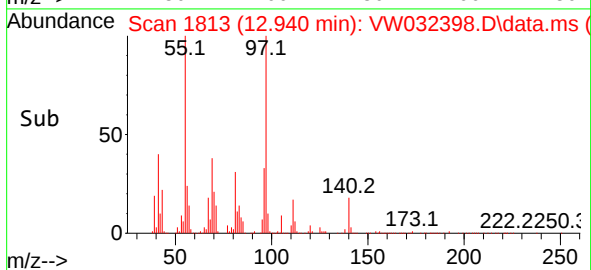
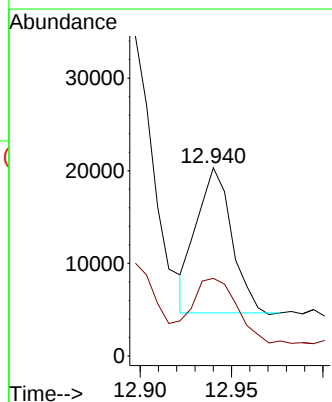
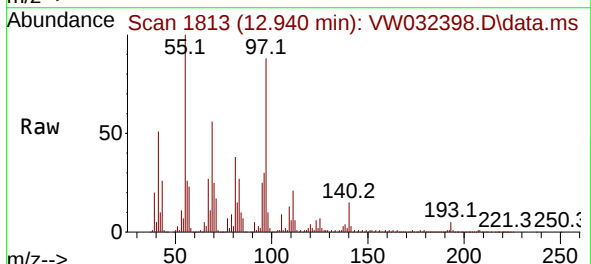
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-102116-20251017

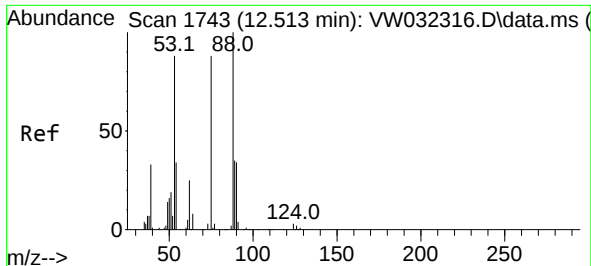
Tgt Ion: 91 Resp: 15526
Ion Ratio Lower Upper
91 100
126 8.7 16.6 49.7#



#80
1,3,5-Trimethylbenzene
Concen: 1.463 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032398.D
Acq: 20 Oct 2025 18:36

Tgt Ion:105 Resp: 21007
Ion Ratio Lower Upper
105 100
120 60.1 24.8 74.4

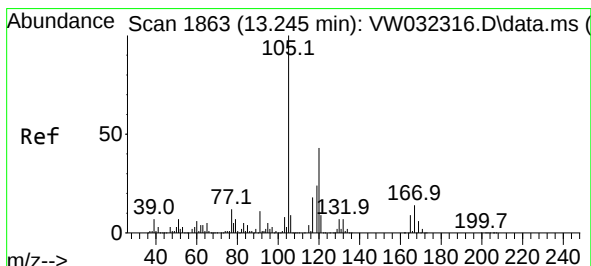
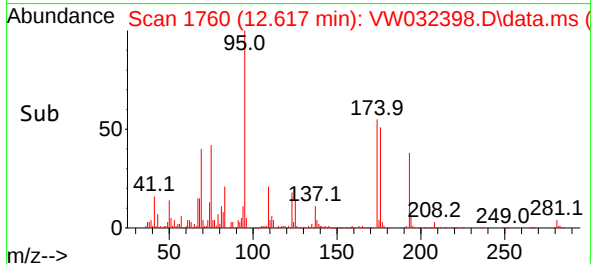
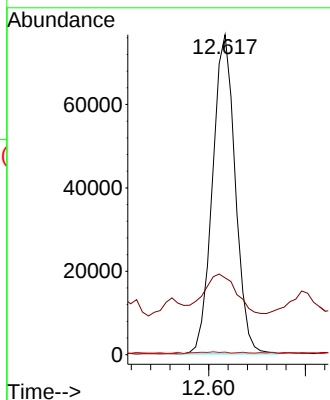
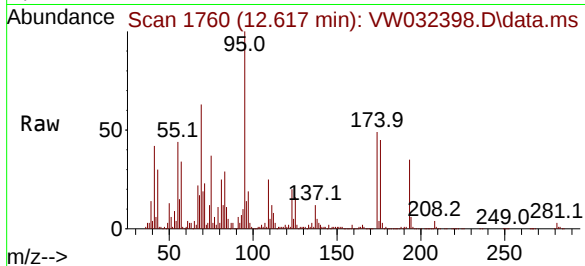




#81
trans-1,4-Dichloro-2-butene
Concen: 98.766 ug/l
RT: 12.617 min Scan# 11
Delta R.T. 0.104 min
Lab File: VW032398.D
Acq: 20 Oct 2025 18:36

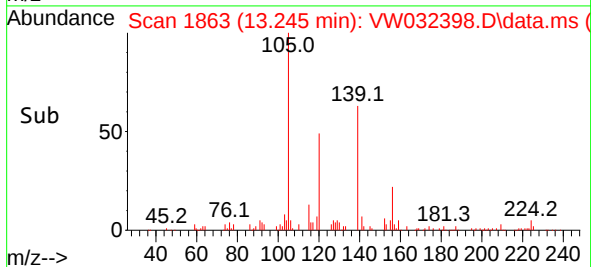
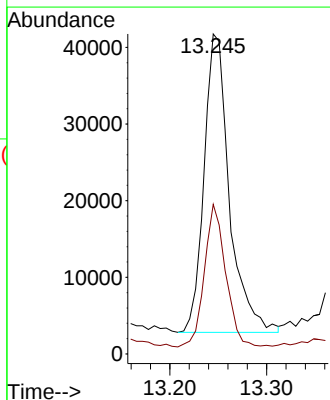
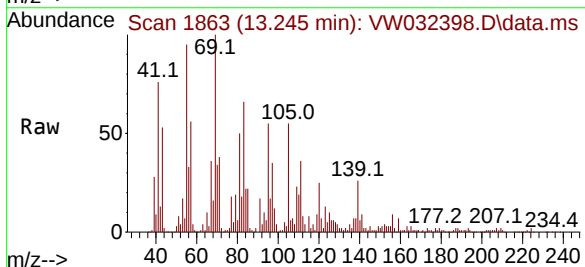
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-102116-20251017

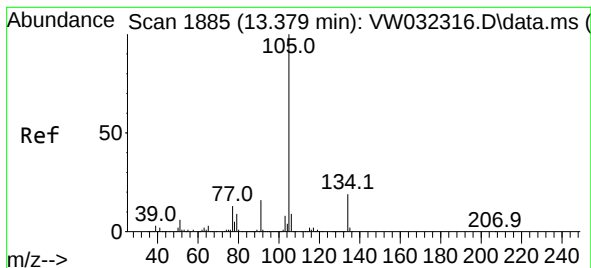
Tgt Ion: 75 Resp: 124505
Ion Ratio Lower Upper
75 100
53 18.1 91.0 136.6#
89 0.6 39.4 59.2#



#84
1,2,4-Trimethylbenzene
Concen: 4.857 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW032398.D
Acq: 20 Oct 2025 18:36

Tgt Ion: 105 Resp: 70905
Ion Ratio Lower Upper
105 100
120 40.1 22.1 66.3





#85

sec-Butylbenzene

Concen: 3.346 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VW032398.D

Acq: 20 Oct 2025 18:36

Instrument :

MSVOA_W

ClientSampleId :

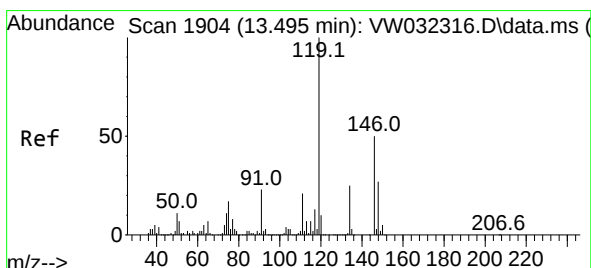
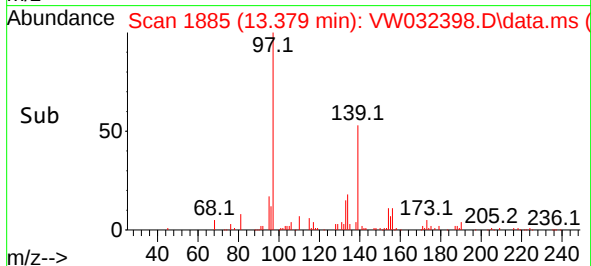
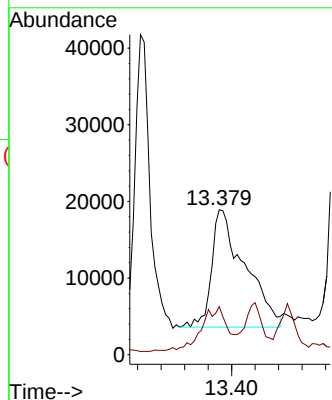
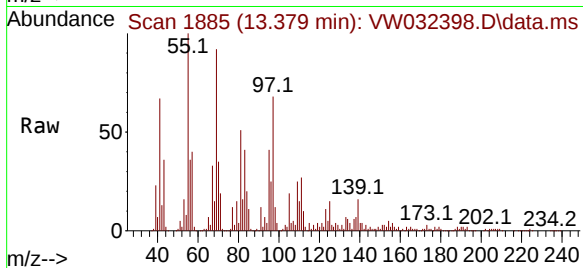
PR132-S07-102116-20251017

Tgt Ion:105 Resp: 60236

Ion Ratio Lower Upper

105 100

134 29.5 10.1 30.1



#86

p-Isopropyltoluene

Concen: 2.362 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032398.D

Acq: 20 Oct 2025 18:36

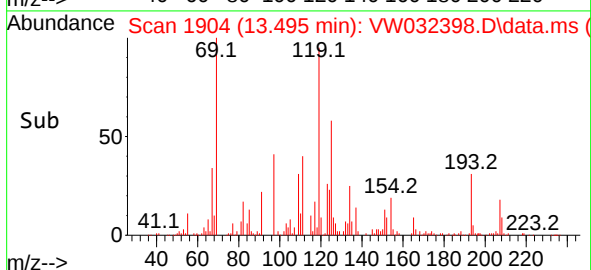
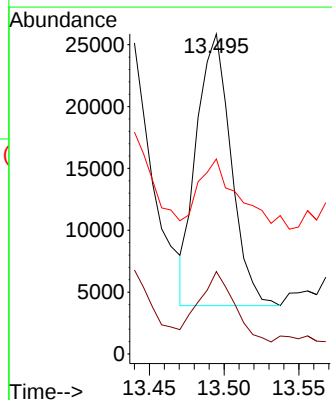
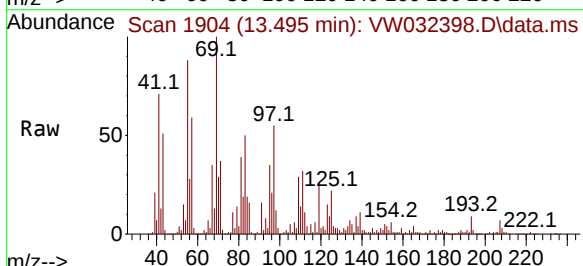
Tgt Ion:119 Resp: 35272

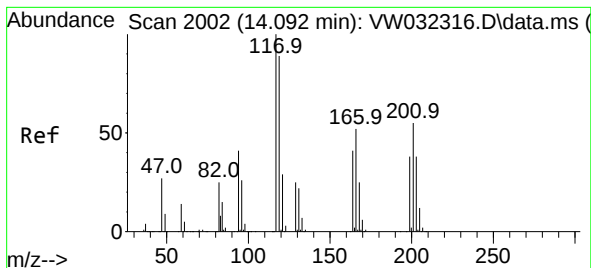
Ion Ratio Lower Upper

119 100

134 29.2 12.6 37.6

91 29.8 12.4 37.0





#90

Hexachloroethane

Concen: 1.934 ug/l

RT: 14.086 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VW032398.D

Acq: 20 Oct 2025 18:36

Instrument :

MSVOA_W

ClientSampleId :

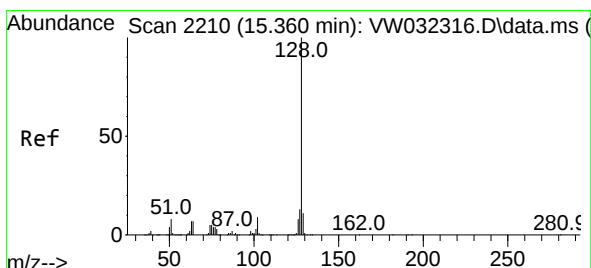
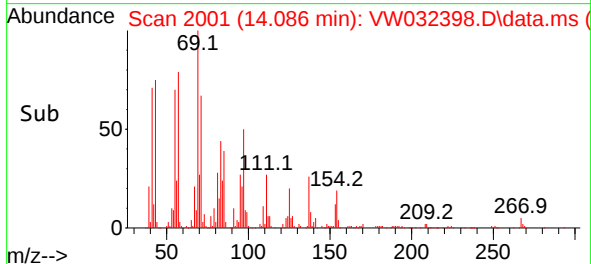
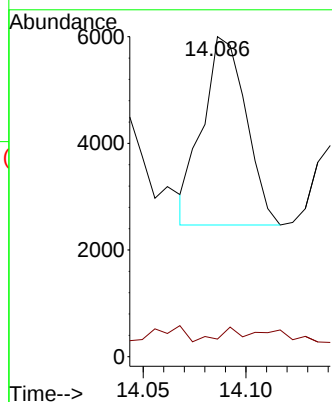
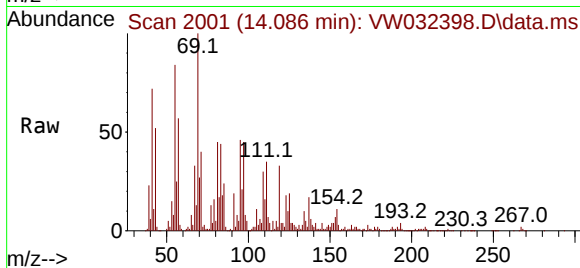
PR132-S07-102116-20251017

Tgt Ion:117 Resp: 5178

Ion Ratio Lower Upper

117 100

201 1.9 32.8 98.4#



#95

Naphthalene

Concen: 7.404 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW032398.D

Acq: 20 Oct 2025 18:36

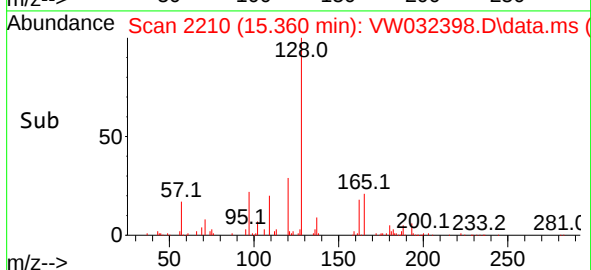
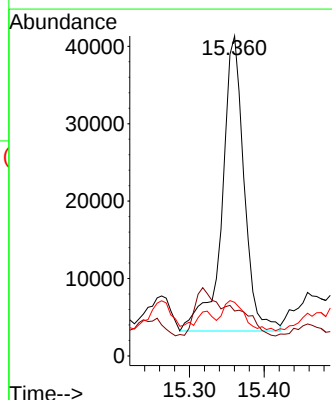
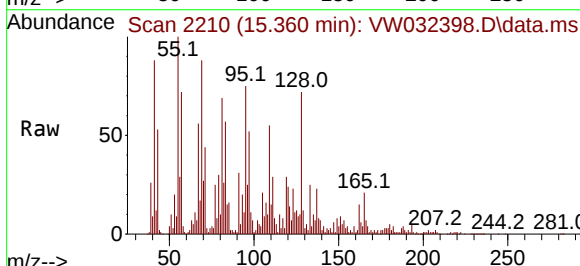
Tgt Ion:128 Resp: 78109

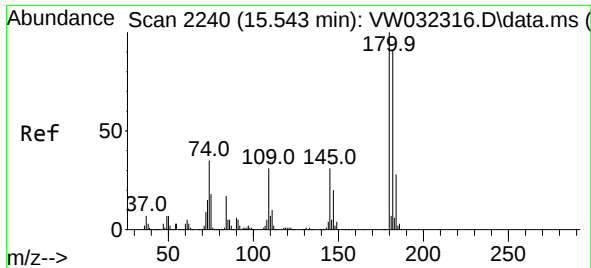
Ion Ratio Lower Upper

128 100

127 0.0 10.6 16.0#

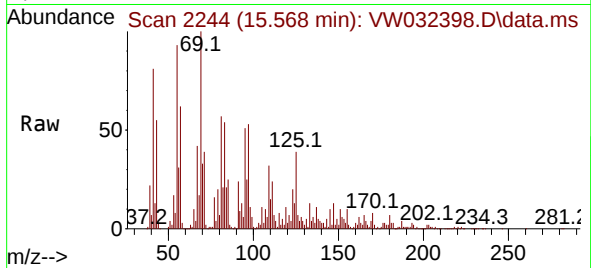
129 9.9 8.4 12.6





#96
1,2,3-Trichlorobenzene
Concen: 1.254 ug/l
RT: 15.568 min Scan# 21
Delta R.T. 0.024 min
Lab File: VW032398.D
Acq: 20 Oct 2025 18:36

Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-102116-20251017



Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.7	143.1#
145	0.0	17.2	51.6#

