

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
 Data File : VW032393.D
 Acq On : 20 Oct 2025 16:46
 Operator : SY/MD
 Sample : Q3393-01
 Misc : 8.02g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PR132-S10-000022-20251017

Quant Time: Oct 21 01:31:02 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	222878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	495532	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	494383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	205827	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	209091	64.320	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 128.640%	
35) Dibromofluoromethane	7.904	113	176785	55.088	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 110.180%	
50) Toluene-d8	10.324	98	636458	53.736	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 107.480%	
62) 4-Bromofluorobenzene	12.617	95	257079	57.426	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 114.860%	

Target Compounds					Qvalue	
11) Tert butyl alcohol	5.215	59	2628	10.680	ug/l #	69
13) Acrolein	3.929	56	3659	9.162	ug/l #	14
16) Acetone	4.161	43	217401	241.522	ug/l	100
17) Carbon Disulfide	4.423	76	160809	23.463	ug/l	98
18) Methyl Acetate	4.722	43	7100	2.754	ug/l	96
20) Methylene Chloride	4.953	84	12582	Below Cal		93
25) 2-Butanone	7.197	43	80561	65.714	ug/l	100
31) Cyclohexane	7.959	56	8416	1.839	ug/l #	24
36) 1,1-Dichloropropene	7.959	75	20593	4.547	ug/l #	51
37) Ethyl Acetate	7.197	43	80561	26.724	ug/l #	68
38) Carbon Tetrachloride	7.959	117	25122	5.895	ug/l #	18
39) Methylcyclohexane	9.306	83	22156	4.056	ug/l #	1
40) Benzene	8.337	78	18202	1.282	ug/l	99
43) Isopropyl Acetate	8.428	43	15512	2.901	ug/l #	52
47) Bromodichloromethane	9.623	83	11341	2.276	ug/l #	32
48) Methyl methacrylate	9.477	41	8402	3.231	ug/l #	25
55) 1,1,2-Trichloroethane	10.763	97	18726	6.430	ug/l #	19
56) Ethyl methacrylate	10.623	69	34126	8.372	ug/l #	88
59) 2-Hexanone	10.934	43	210524	96.368	ug/l #	30
67) Ethyl Benzene	11.733	91	35079	1.935	ug/l	100
68) m/p-Xylenes	11.842	106	52085	7.449	ug/l	98
69) o-Xylene	12.165	106	77196	11.806	ug/l	95
71) Bromoform	12.312	173	2003	1.031	ug/l #	28
73) Isopropylbenzene	12.464	105	30189	2.144	ug/l	98
74) N-amyl acetate	12.251	43	224410	49.955	ug/l #	50
75) 1,1,2,2-Tetrachloroethane	12.696	83	34005	9.726	ug/l #	30
76) 1,2,3-Trichloropropane	12.617	75	114911	42.425	ug/l #	1
78) n-propylbenzene	12.799	91	35908	2.041	ug/l	99
79) 2-Chlorotoluene	12.891	91	24482	2.276	ug/l #	52
80) 1,3,5-Trimethylbenzene	12.940	105	27053	2.222	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.617	75	114911	107.474	ug/l #	14
83) tert-Butylbenzene	13.440	119	11707	1.172	ug/l	79
84) 1,2,4-Trimethylbenzene	13.245	105	72770	5.877	ug/l	91
85) sec-Butylbenzene	13.379	105	19385	1.270	ug/l #	50
86) p-Isopropyltoluene	13.494	119	14921	1.178	ug/l	85
87) 1,3-Dichlorobenzene	13.501	146	13659	1.987	ug/l #	73

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

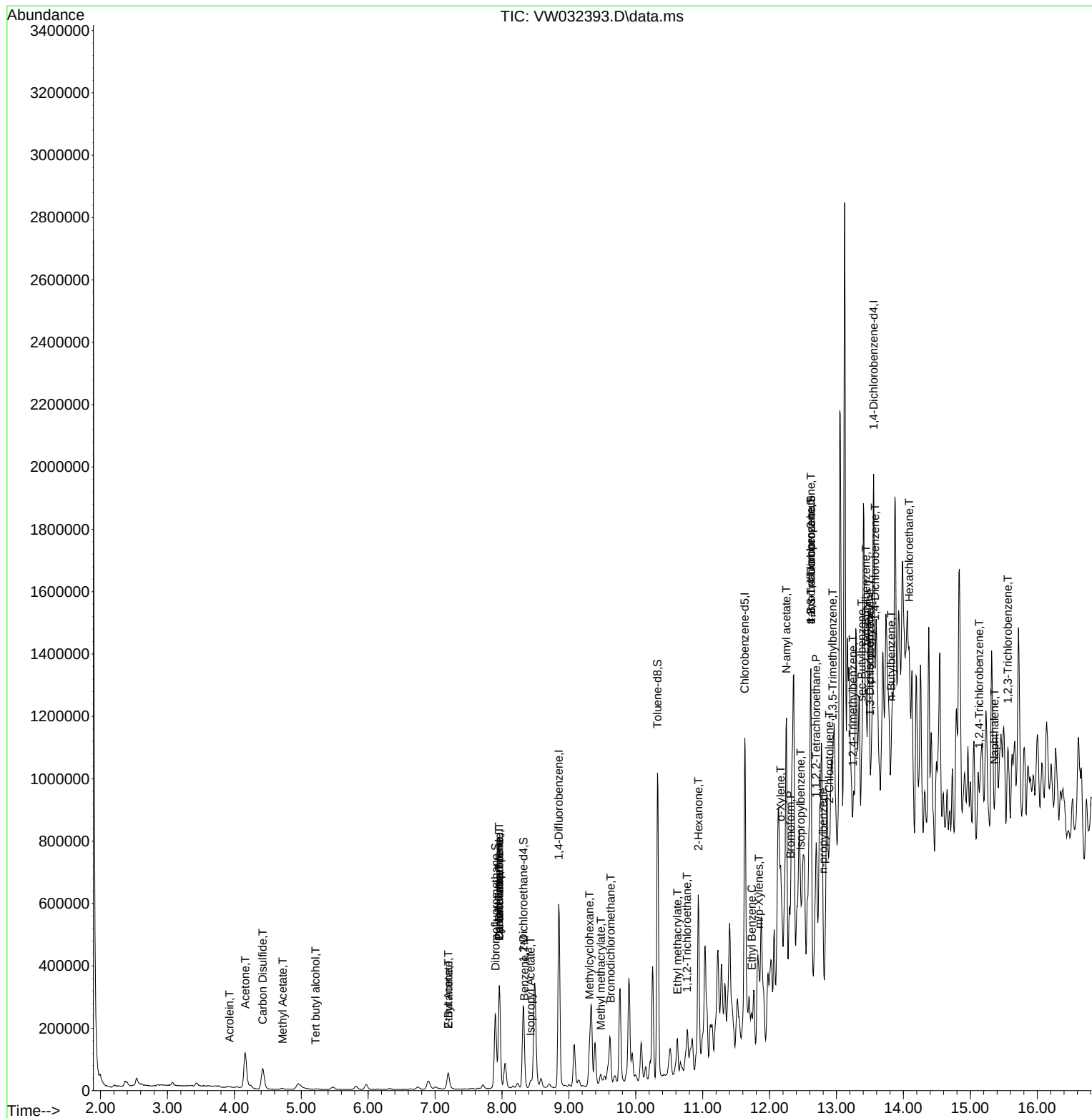
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) 1,4-Dichlorobenzene	13.574	146	25346	3.688	ug/l #	1
89) n-Butylbenzene	13.818	91	15711	1.270	ug/l #	79
90) Hexachloroethane	14.086	117	4672	2.058	ug/l #	17
93) 1,2,4-Trichlorobenzene	15.134	180	3727	1.000	ug/l #	1
95) Naphthalene	15.360	128	57551	6.432	ug/l #	78
96) 1,2,3-Trichlorobenzene	15.561	180	4097	1.167	ug/l #	12

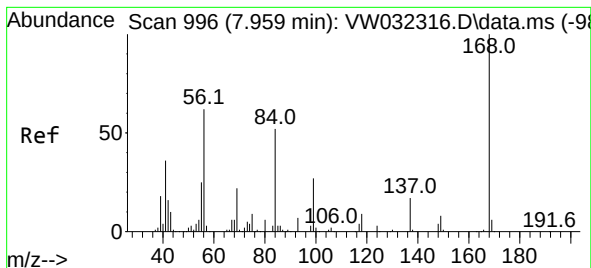
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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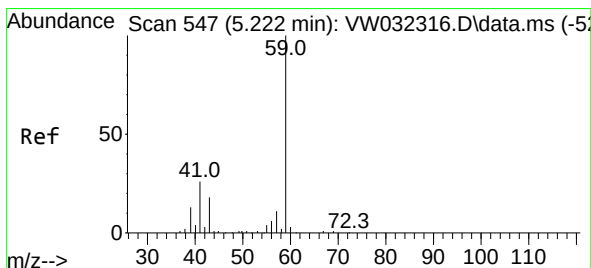
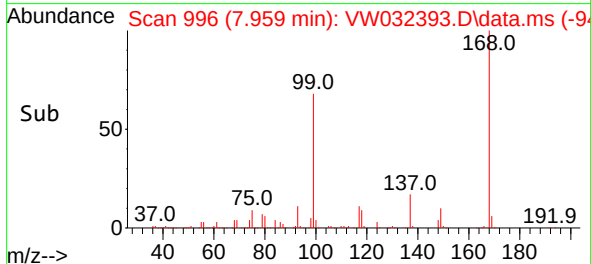
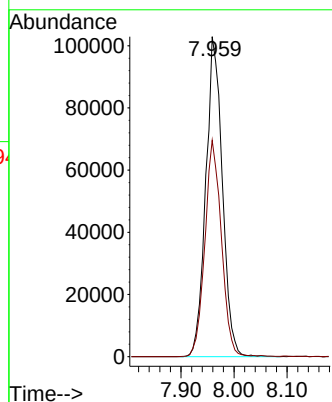
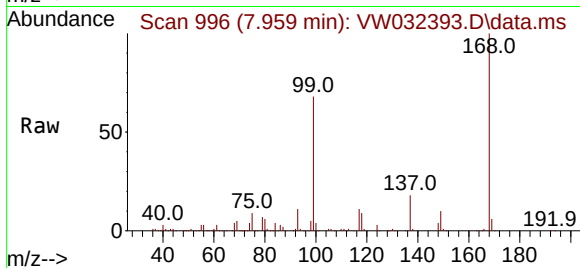




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW032393.D
Acq: 20 Oct 2025 16:46

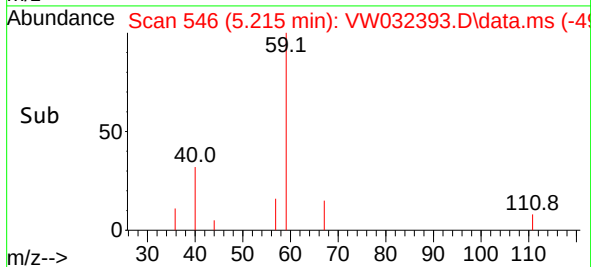
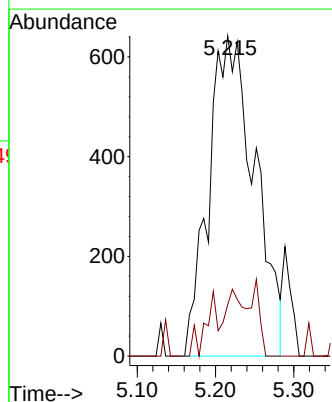
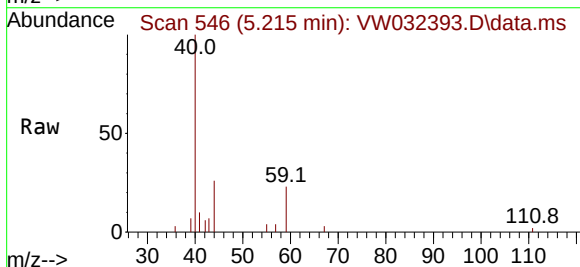
Instrument :
MSVOA_W
ClientSampleId :
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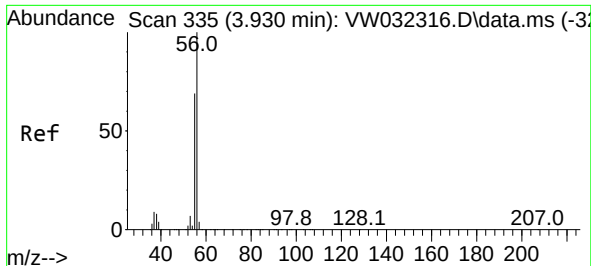
Tgt Ion:168 Resp: 222878
Ion Ratio Lower Upper
168 100
99 67.5 49.3 73.9



#11
Tert butyl alcohol
Concen: 10.680 ug/l
RT: 5.215 min Scan# 546
Delta R.T. -0.007 min
Lab File: VW032393.D
Acq: 20 Oct 2025 16:46

Tgt Ion: 59 Resp: 2628
Ion Ratio Lower Upper
59 100
57 0.0 9.8 14.6#

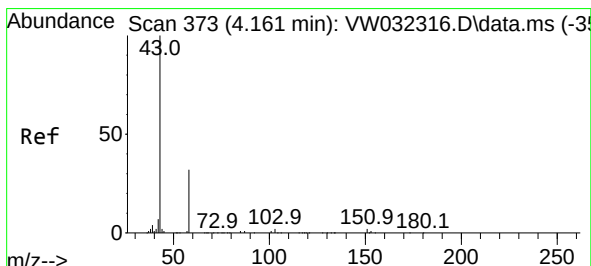
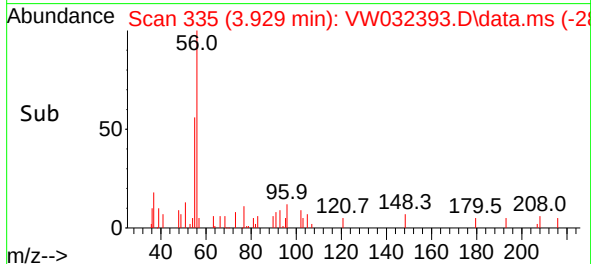
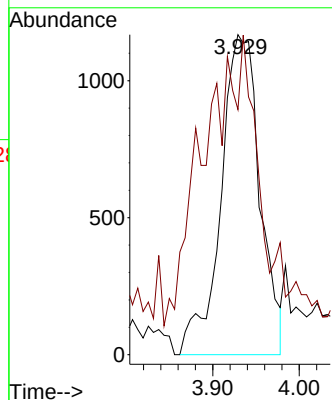
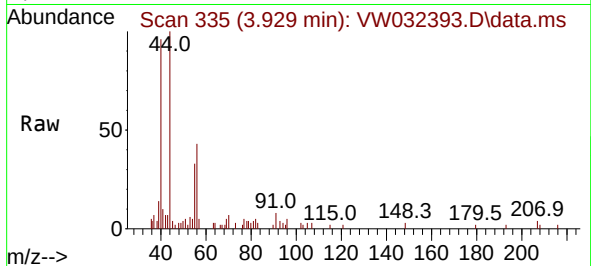




#13
Acrolein
Concen: 9.162 ug/l
RT: 3.929 min Scan# 31
Delta R.T. -0.000 min
Lab File: VW032393.D
Acq: 20 Oct 2025 16:46

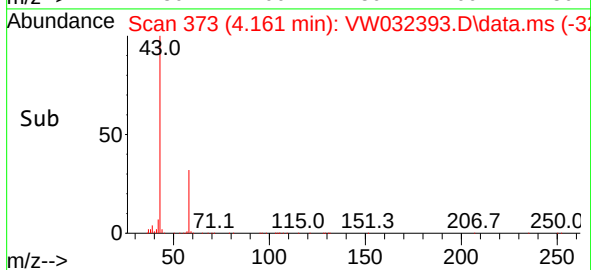
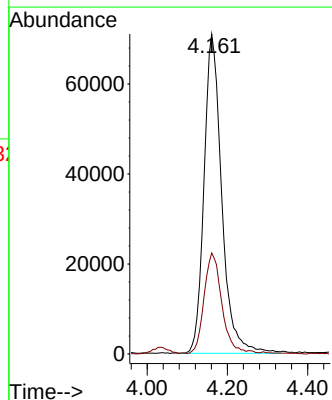
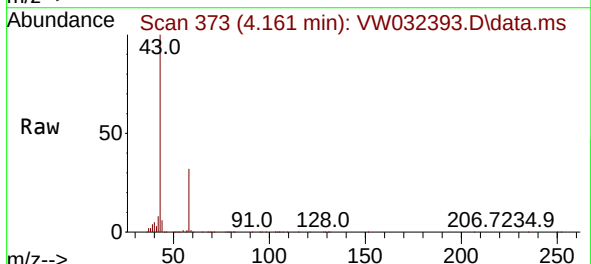
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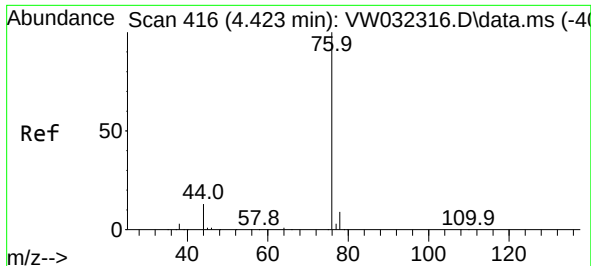
Tgt Ion: 56 Resp: 3659
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 241.522 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032393.D
Acq: 20 Oct 2025 16:46

Tgt Ion: 43 Resp: 217401
Ion Ratio Lower Upper
43 100
58 31.4 25.3 37.9

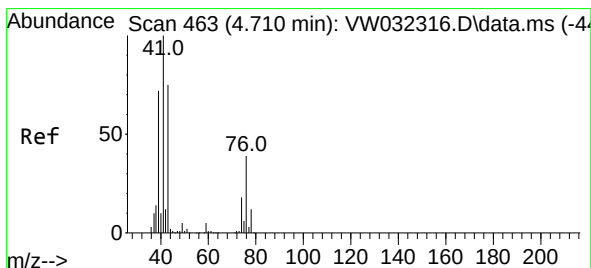
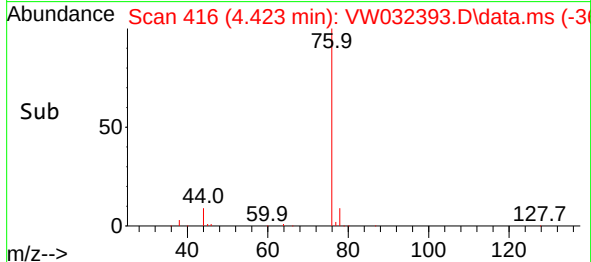
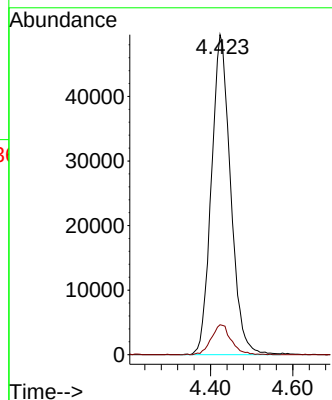
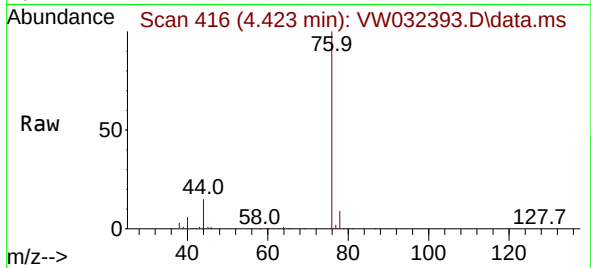




#17
Carbon Disulfide
Concen: 23.463 ug/l
RT: 4.423 min Scan# 416
Delta R.T. -0.000 min
Lab File: VW032393.D
Acq: 20 Oct 2025 16:46

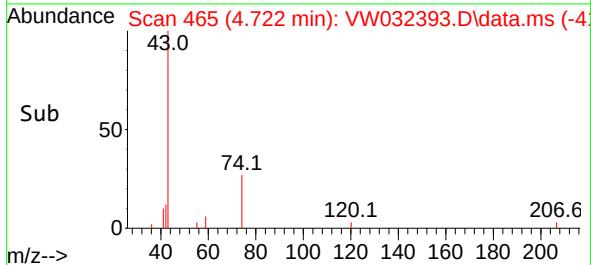
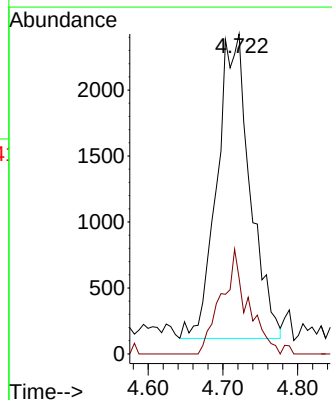
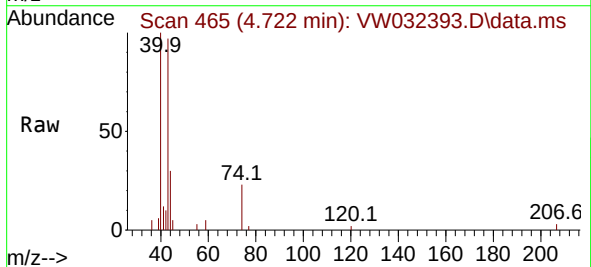
Instrument : MSVOA_W
ClientSampleId : PR132-S10-000022-20251017

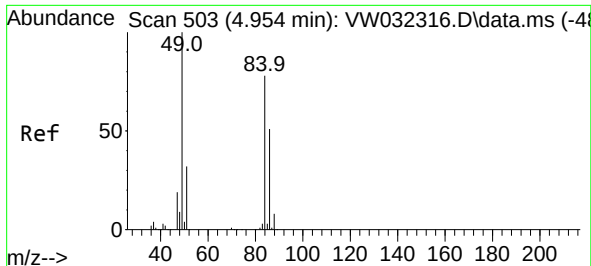
Tgt Ion: 76 Resp: 160809
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6



#18
Methyl Acetate
Concen: 2.754 ug/l
RT: 4.722 min Scan# 465
Delta R.T. 0.012 min
Lab File: VW032393.D
Acq: 20 Oct 2025 16:46

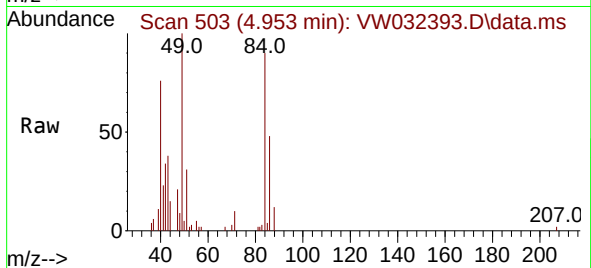
Tgt Ion: 43 Resp: 7100
Ion Ratio Lower Upper
43 100
74 27.5 20.2 30.4



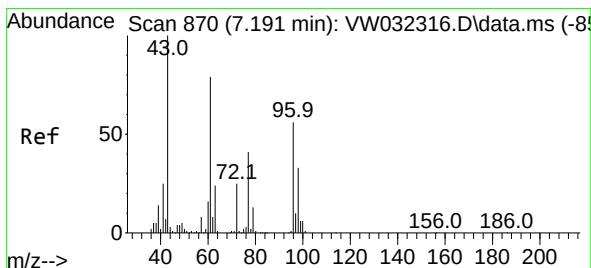
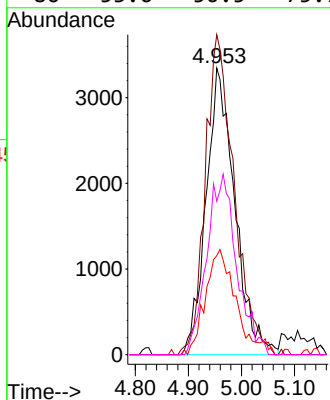
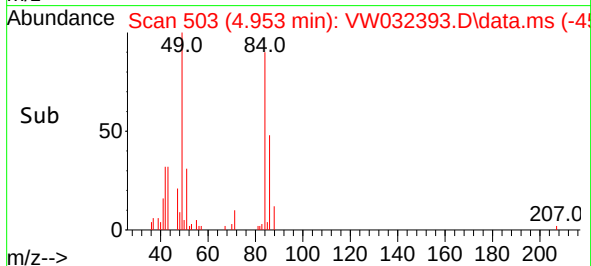


#20
Methylene Chloride
Concen: Below Cal
RT: 4.953 min Scan# 503
Delta R.T. -0.007 min
Lab File: VW032393.D
Acq: 20 Oct 2025 16:46

Instrument :
MSVOA_W
ClientSampleId :
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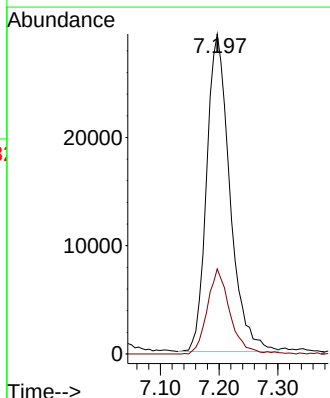
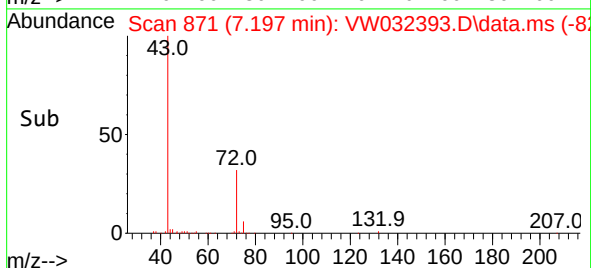
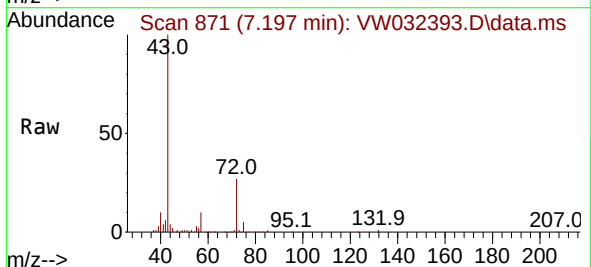


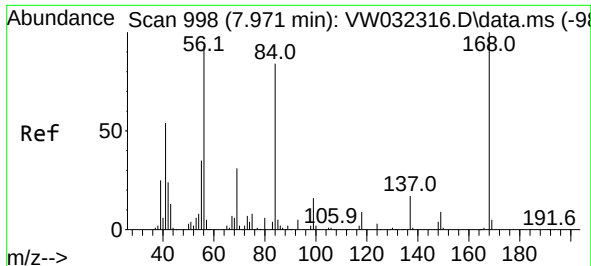
Tgt Ion:	84	Resp:	12582
Ion	Ratio	Lower	Upper
84	100		
49	111.7	92.2	138.4
51	34.6	31.0	46.6
86	53.6	50.5	75.7



#25
2-Butanone
Concen: 65.714 ug/l
RT: 7.197 min Scan# 871
Delta R.T. 0.006 min
Lab File: VW032393.D
Acq: 20 Oct 2025 16:46

Tgt Ion:	43	Resp:	80561
Ion	Ratio	Lower	Upper
43	100		
72	26.8	21.4	32.2

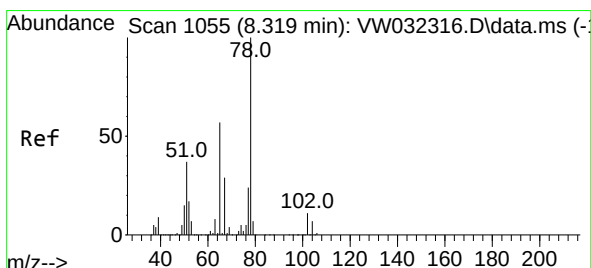
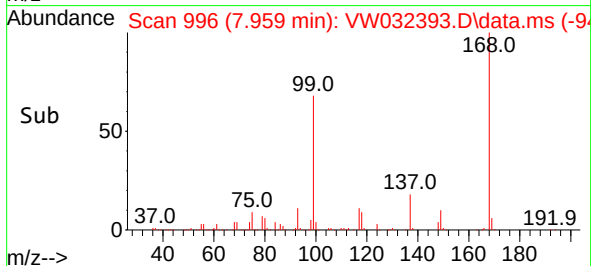
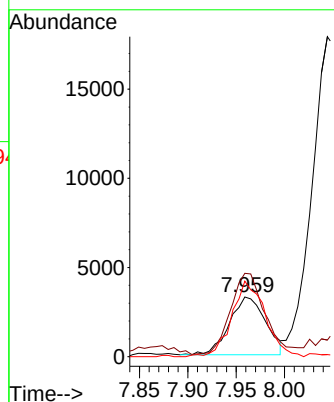
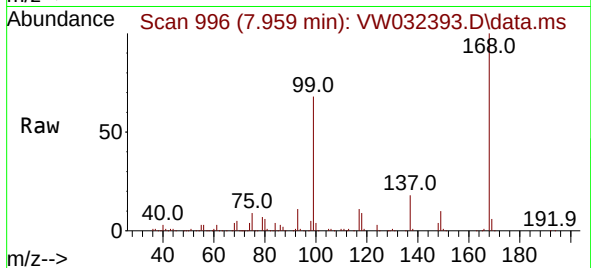




#31
Cyclohexane
Concen: 1.839 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.013 min
Lab File: VW032393.D
Acq: 20 Oct 2025 16:46

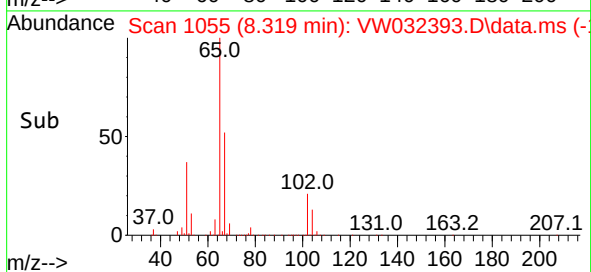
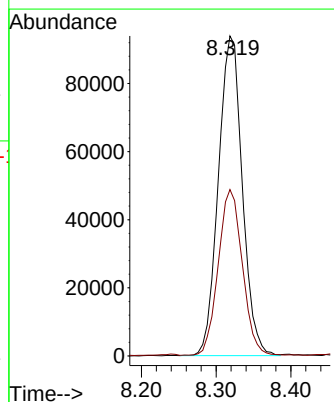
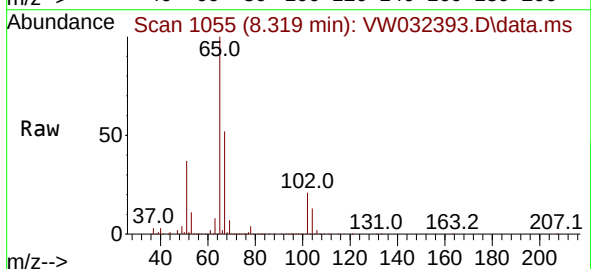
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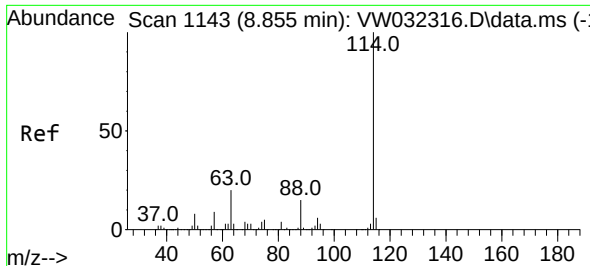
Tgt Ion: 56 Resp: 8416
Ion Ratio Lower Upper
56 100
69 135.8 27.7 41.5#
84 130.5 74.6 112.0#



#33
1,2-Dichloroethane-d4
Concen: 64.320 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032393.D
Acq: 20 Oct 2025 16:46

Tgt Ion: 65 Resp: 209091
Ion Ratio Lower Upper
65 100
67 52.0 0.0 99.6

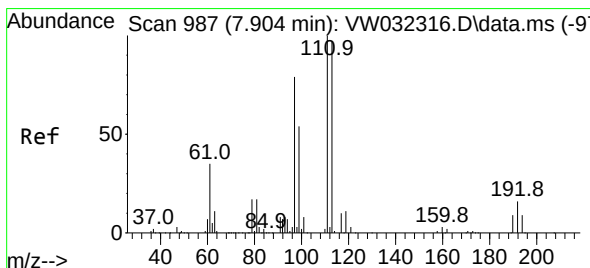
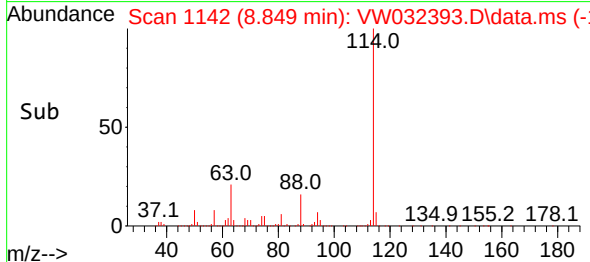
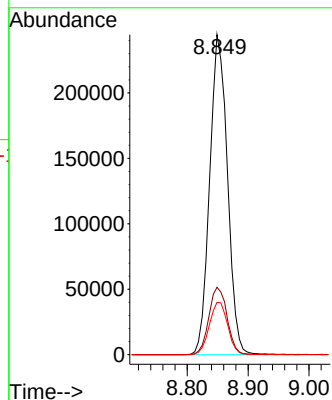
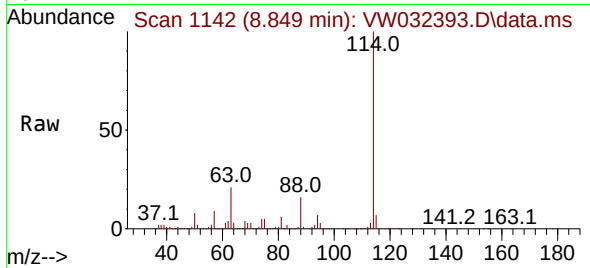




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1143
Delta R.T. -0.007 min
Lab File: VW032393.D
Acq: 20 Oct 2025 16:46

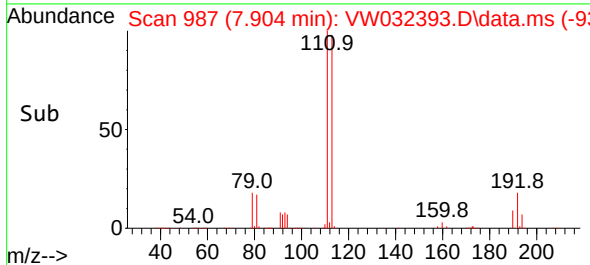
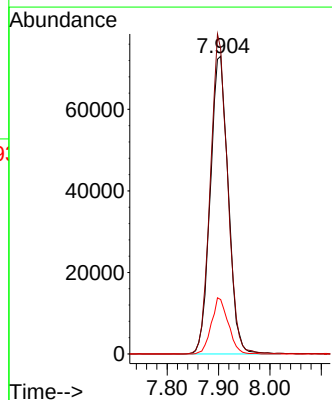
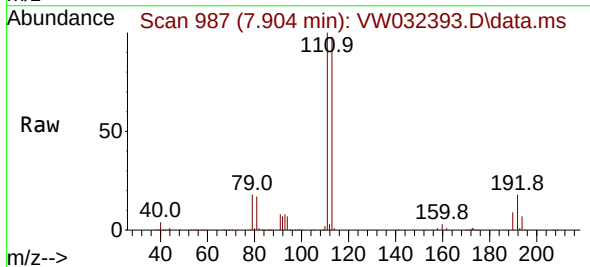
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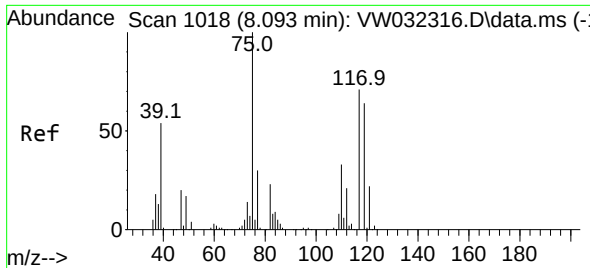
Tgt Ion:114 Resp: 495532
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.4
88 16.4 0.0 32.0



#35
Dibromofluoromethane
Concen: 55.088 ug/l
RT: 7.904 min Scan# 987
Delta R.T. -0.000 min
Lab File: VW032393.D
Acq: 20 Oct 2025 16:46

Tgt Ion:113 Resp: 176785
Ion Ratio Lower Upper
113 100
111 103.3 83.9 125.9
192 17.7 14.6 21.8

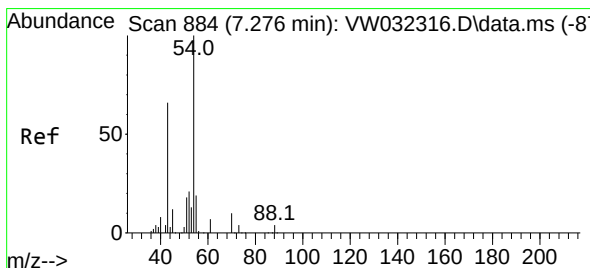
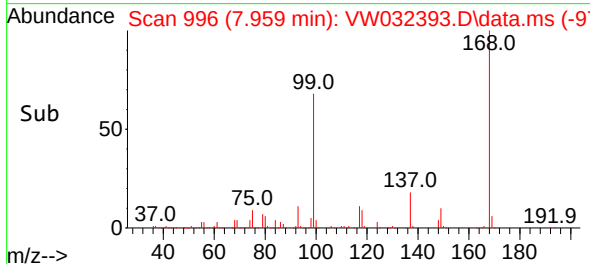
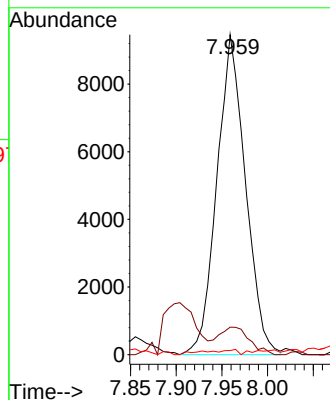
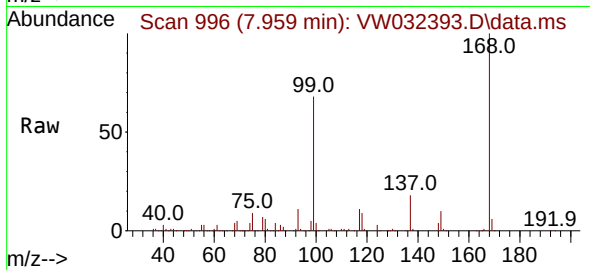




#36
1,1-Dichloropropene
Concen: 4.547 ug/l
RT: 7.959 min Scan# 91
Delta R.T. -0.141 min
Lab File: VW032393.D
Acq: 20 Oct 2025 16:46

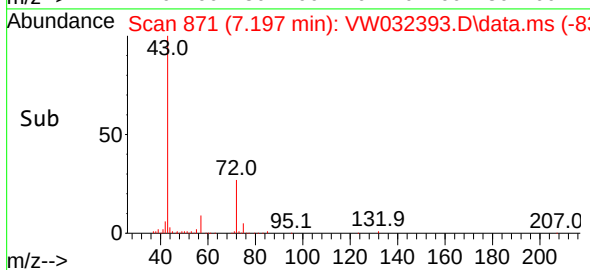
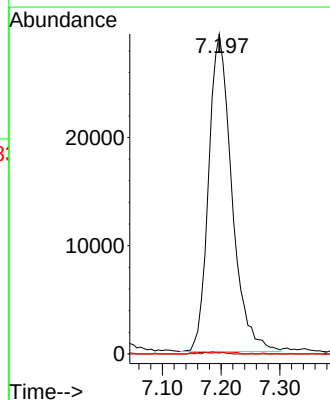
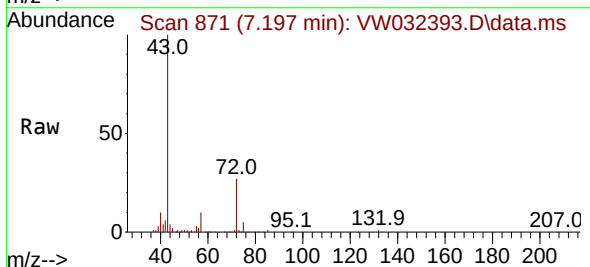
Instrument :
MSVOA_W
ClientSampleId :
PR132-S10-000022-20251017

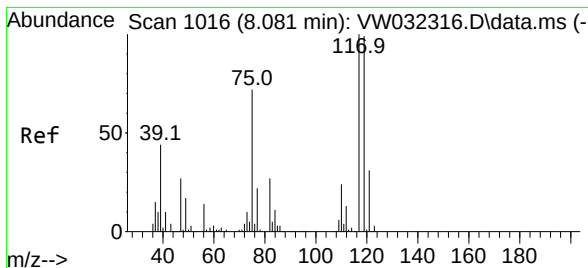
Tgt Ion: 75 Resp: 20593
Ion Ratio Lower Upper
75 100
110 9.6 17.5 52.5#
77 0.7 24.1 36.1#



#37
Ethyl Acetate
Concen: 26.724 ug/l
RT: 7.197 min Scan# 871
Delta R.T. -0.080 min
Lab File: VW032393.D
Acq: 20 Oct 2025 16:46

Tgt Ion: 43 Resp: 80561
Ion Ratio Lower Upper
43 100
61 0.0 11.3 16.9#
70 0.4 8.9 13.3#





#38

Carbon Tetrachloride

Concen: 5.895 ug/l

RT: 7.959 min Scan# 91

Delta R.T. -0.128 min

Lab File: VW032393.D

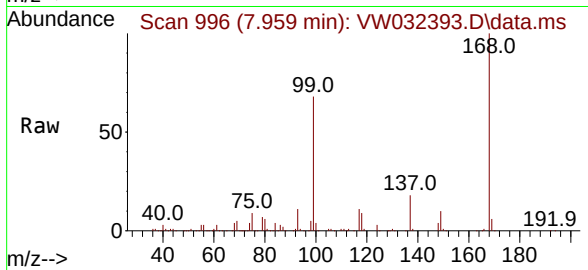
Acq: 20 Oct 2025 16:46

Instrument :

MSVOA_W

ClientSampleId :

PR132-S10-000022-20251017



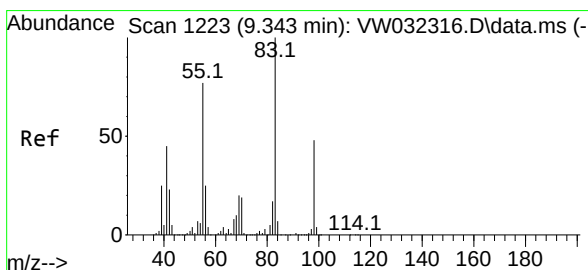
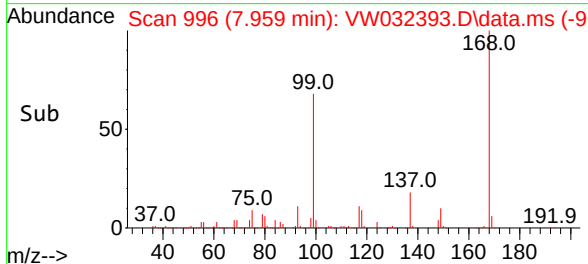
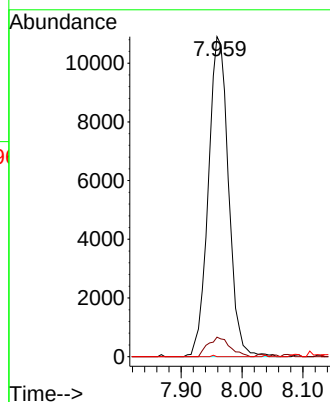
Tgt Ion:117 Resp: 25122

Ion Ratio Lower Upper

117 100

119 6.1 74.2 111.2#

121 0.0 25.6 38.4#



#39

Methylcyclohexane

Concen: 4.056 ug/l

RT: 9.306 min Scan# 1217

Delta R.T. -0.037 min

Lab File: VW032393.D

Acq: 20 Oct 2025 16:46

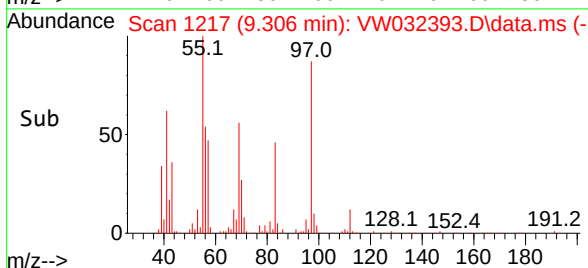
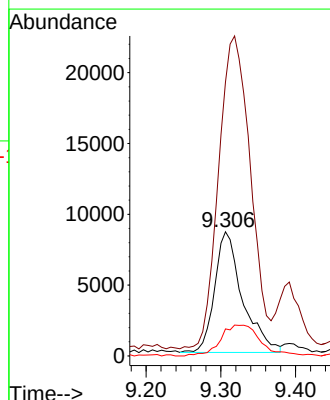
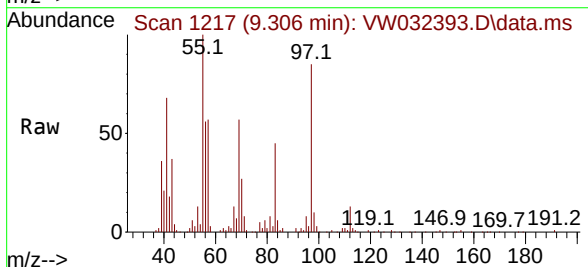
Tgt Ion: 83 Resp: 22156

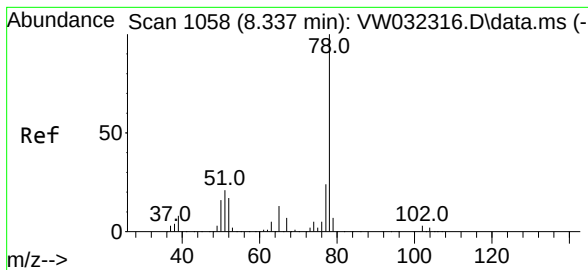
Ion Ratio Lower Upper

83 100

55 220.9 58.4 87.6#

98 22.4 39.4 59.2#





#40

Benzene

Concen: 1.282 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VW032393.D

Acq: 20 Oct 2025 16:46

Instrument :

MSVOA_W

ClientSampleId :

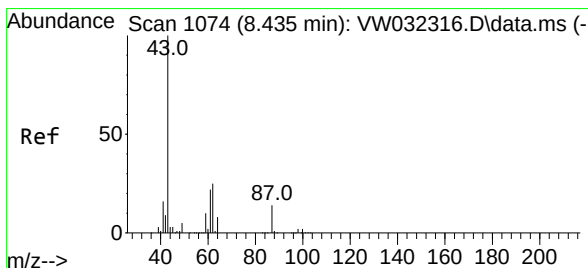
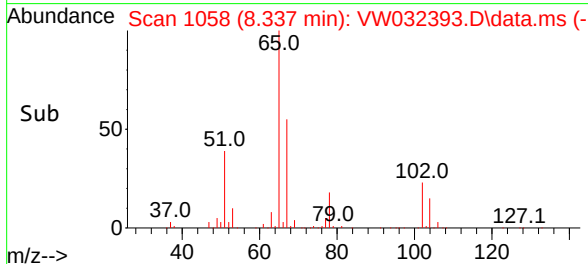
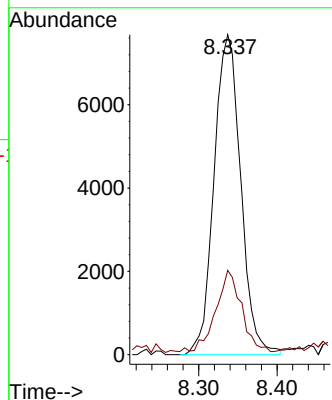
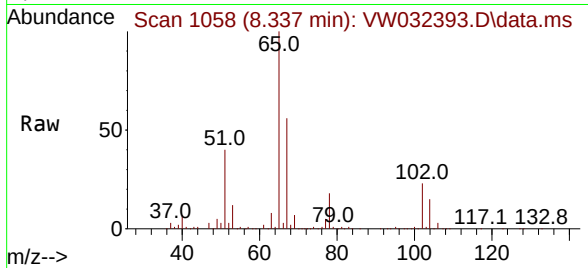
PR132-S10-000022-20251017

Tgt Ion: 78 Resp: 18202

Ion Ratio Lower Upper

78 100

77 25.4 20.7 31.1



#43

Isopropyl Acetate

Concen: 2.901 ug/l

RT: 8.428 min Scan# 1073

Delta R.T. -0.007 min

Lab File: VW032393.D

Acq: 20 Oct 2025 16:46

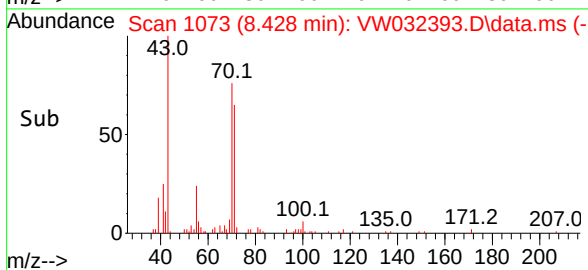
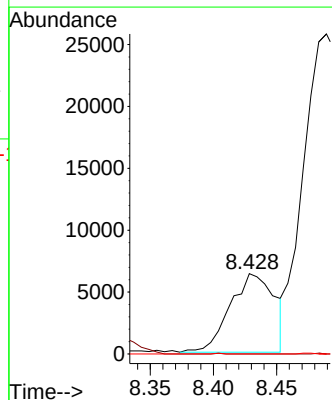
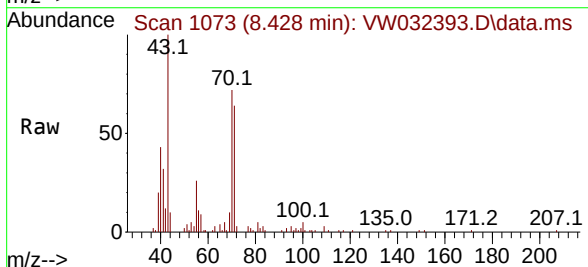
Tgt Ion: 43 Resp: 15512

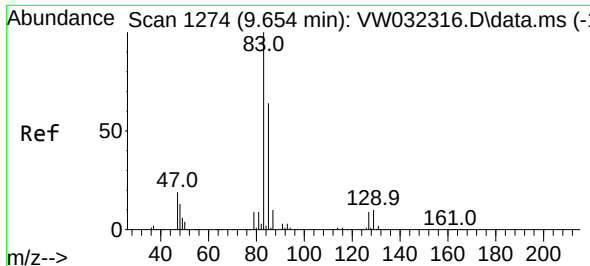
Ion Ratio Lower Upper

43 100

61 0.0 23.3 34.9#

87 0.0 11.1 16.7#

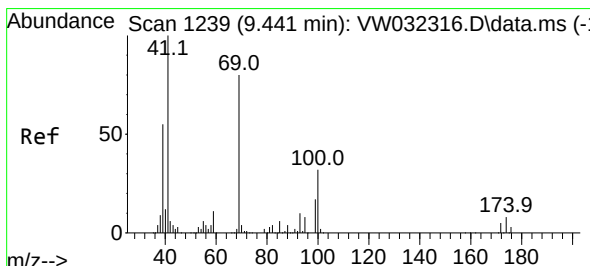
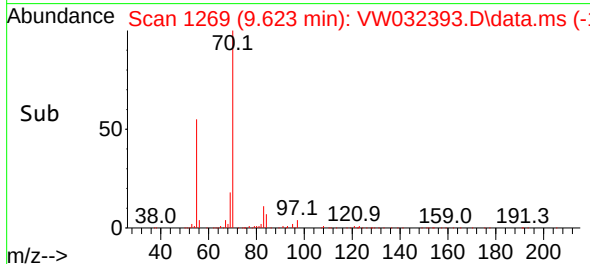
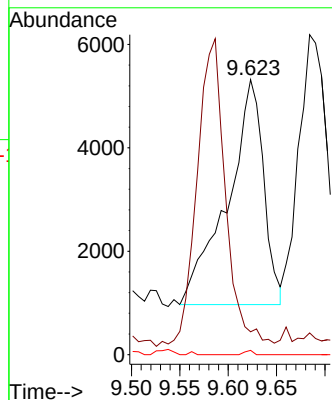
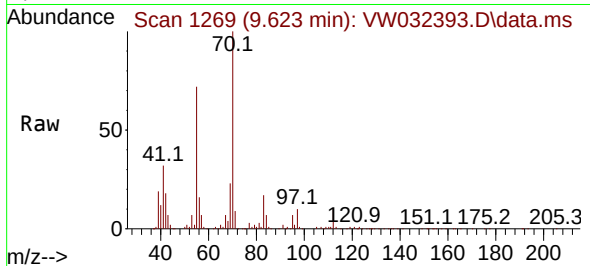




#47
Bromodichloromethane
Concen: 2.276 ug/l
RT: 9.623 min Scan# 11
Delta R.T. -0.025 min
Lab File: VW032393.D
Acq: 20 Oct 2025 16:46

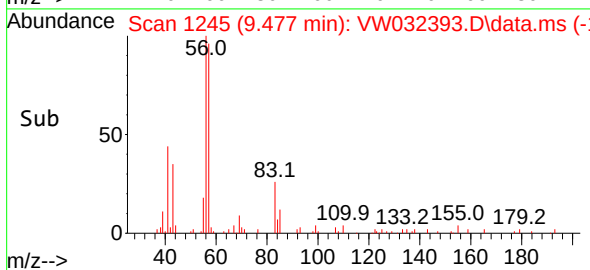
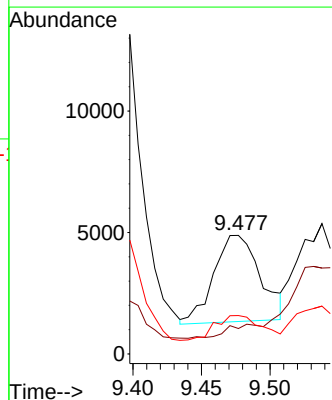
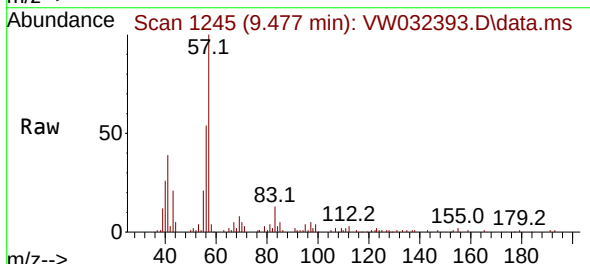
Instrument :
MSVOA_W
ClientSampleId :
PR132-S10-000022-20251017

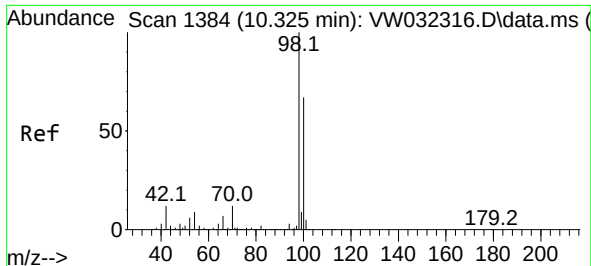
Tgt Ion: 83 Resp: 11341
Ion Ratio Lower Upper
83 100
85 3.8 48.7 73.1#
127 1.9 6.4 9.6#



#48
Methyl methacrylate
Concen: 3.231 ug/l
RT: 9.477 min Scan# 1245
Delta R.T. 0.036 min
Lab File: VW032393.D
Acq: 20 Oct 2025 16:46

Tgt Ion: 41 Resp: 8402
Ion Ratio Lower Upper
41 100
69 0.0 71.5 107.3#
39 30.3 55.9 83.9#

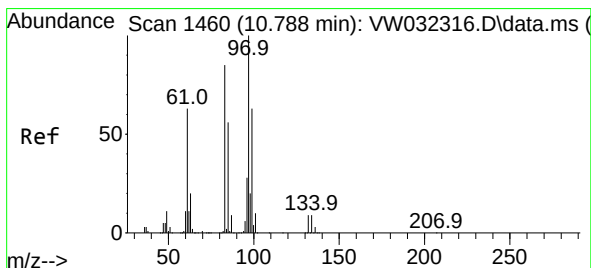
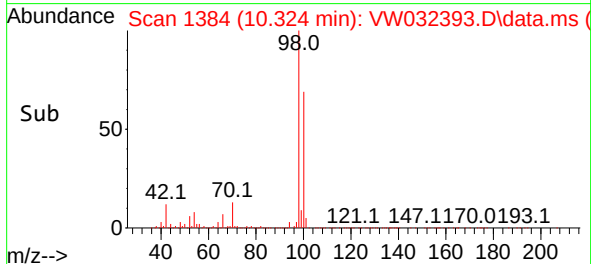
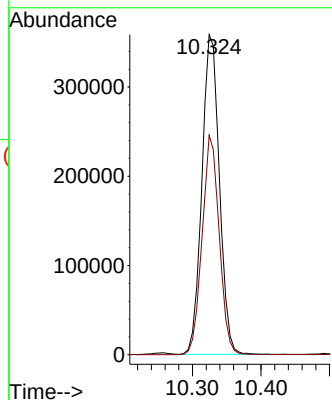
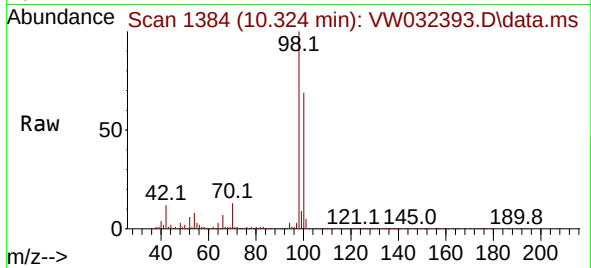




#50
Toluene-d8
Concen: 53.736 ug/l
RT: 10.324 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032393.D
Acq: 20 Oct 2025 16:46

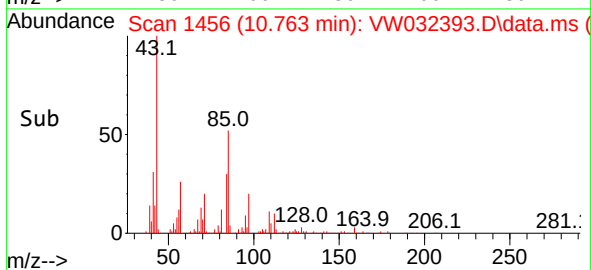
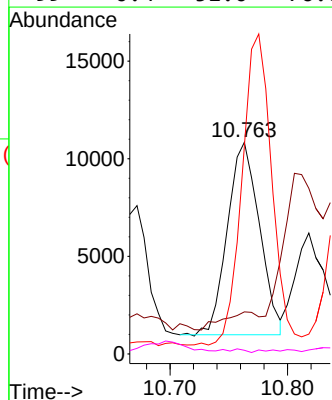
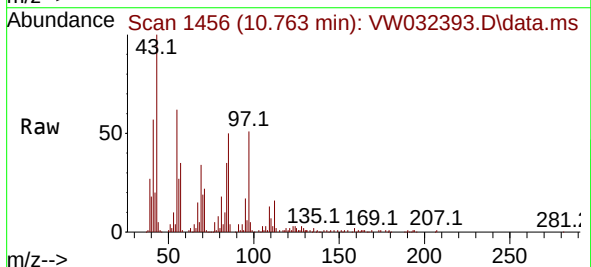
Instrument :
MSVOA_W
ClientSampleId :
PR132-S10-000022-20251017

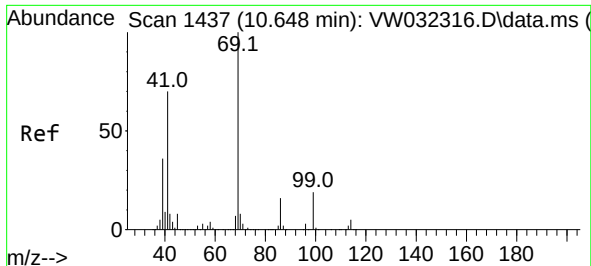
Tgt Ion: 98 Resp: 636458
Ion Ratio Lower Upper
98 100
100 67.0 51.4 77.2



#55
1,1,2-Trichloroethane
Concen: 6.430 ug/l
RT: 10.763 min Scan# 1456
Delta R.T. -0.025 min
Lab File: VW032393.D
Acq: 20 Oct 2025 16:46

Tgt Ion: 97 Resp: 18726
Ion Ratio Lower Upper
97 100
83 6.2 71.0 106.6#
85 102.9 42.8 64.2#
99 0.4 51.0 76.6#

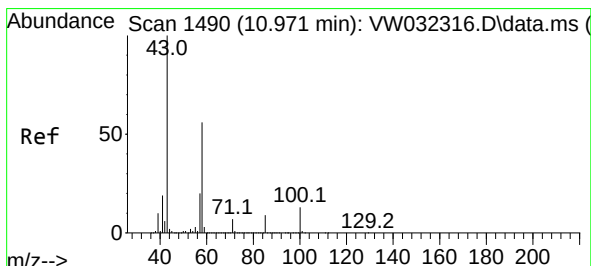
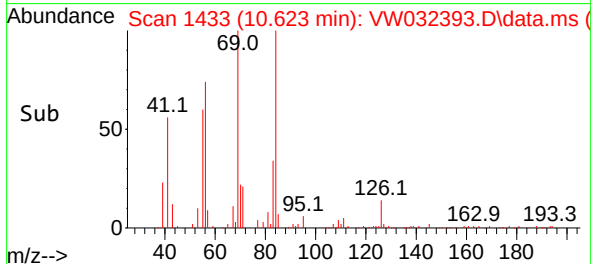
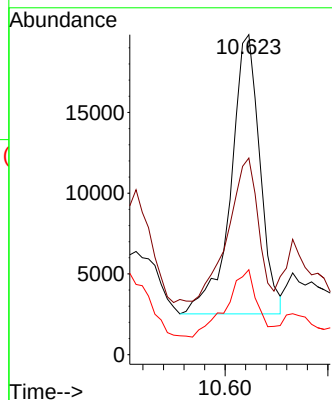
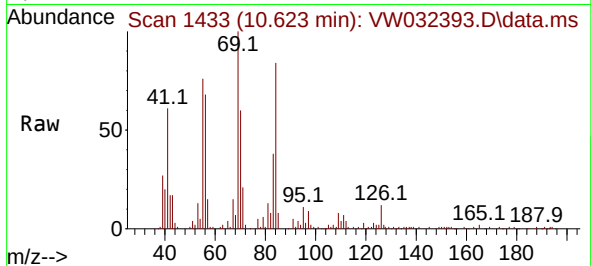




#56
Ethyl methacrylate
Concen: 8.372 ug/l
RT: 10.623 min Scan# 1433
Delta R.T. -0.025 min
Lab File: VW032393.D
Acq: 20 Oct 2025 16:46

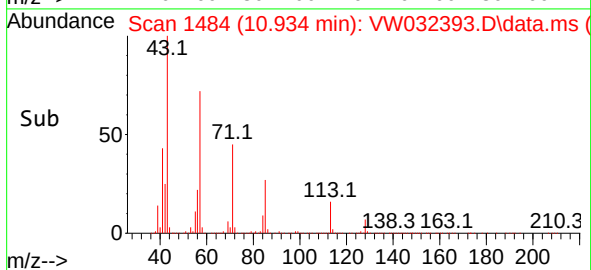
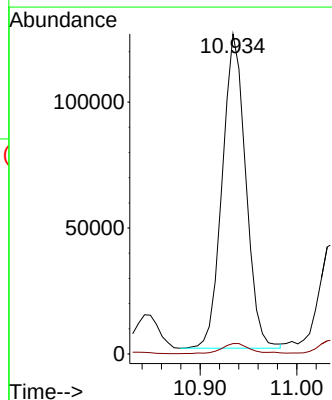
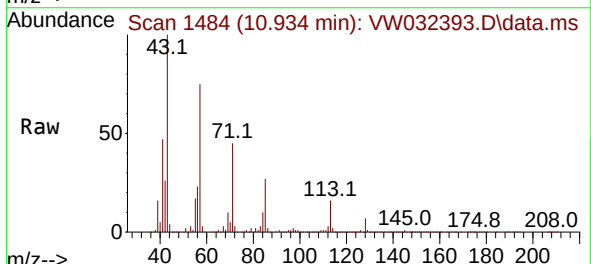
Instrument : MSVOA_W
ClientSampleId : PR132-S10-000022-20251017

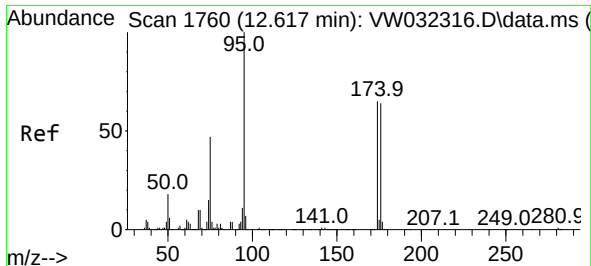
Tgt Ion: 69 Resp: 34126
Ion Ratio Lower Upper
69 100
41 62.9 53.2 79.8
39 25.7 32.9 49.3#



#59
2-Hexanone
Concen: 96.368 ug/l
RT: 10.934 min Scan# 1484
Delta R.T. -0.037 min
Lab File: VW032393.D
Acq: 20 Oct 2025 16:46

Tgt Ion: 43 Resp: 210524
Ion Ratio Lower Upper
43 100
58 4.0 27.5 82.4#

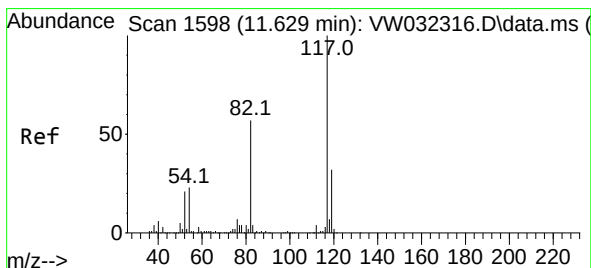
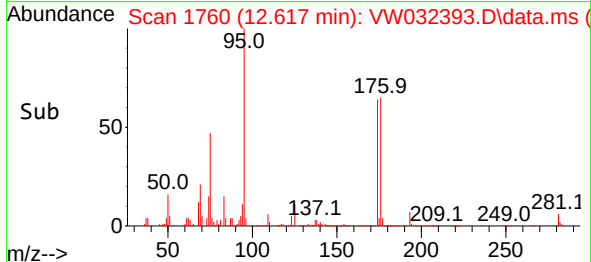
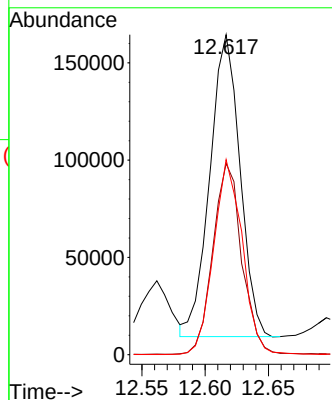
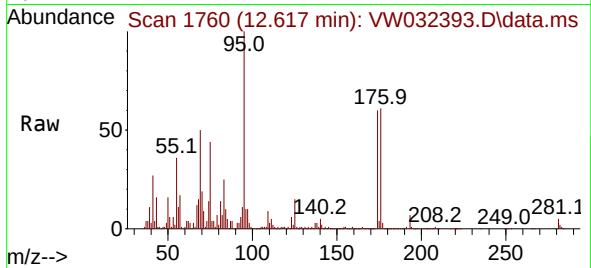




#62
4-Bromofluorobenzene
Concen: 57.426 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032393.D
Acq: 20 Oct 2025 16:46

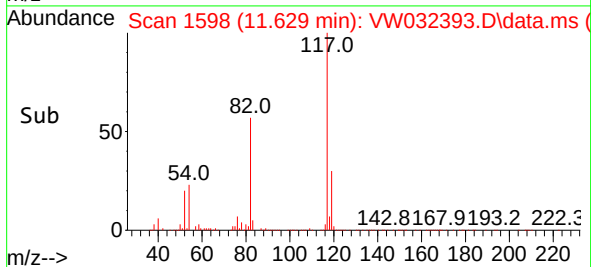
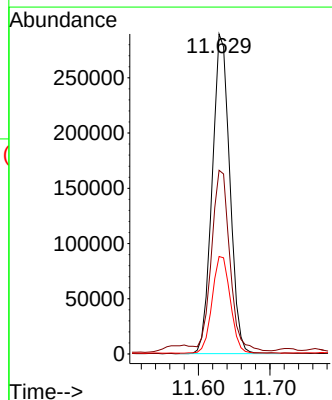
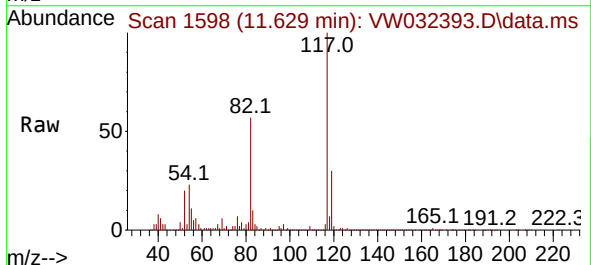
Instrument :
MSVOA_W
ClientSampleId :
PR132-S10-000022-20251017

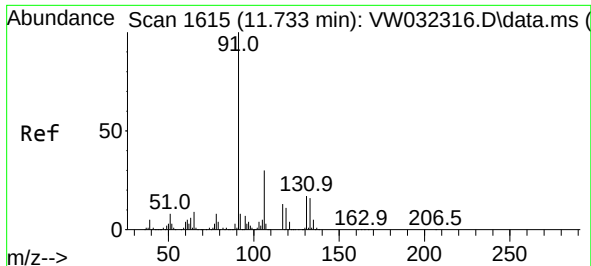
Tgt Ion: 95 Resp: 257079
Ion Ratio Lower Upper
95 100
174 61.2 0.0 145.6
176 61.8 0.0 140.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VW032393.D
Acq: 20 Oct 2025 16:46

Tgt Ion:117 Resp: 494383
Ion Ratio Lower Upper
117 100
82 55.9 42.7 64.1
119 30.2 25.2 37.8





#67

Ethyl Benzene

Concen: 1.935 ug/l

RT: 11.733 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032393.D

Acq: 20 Oct 2025 16:46

Instrument :

MSVOA_W

ClientSampleId :

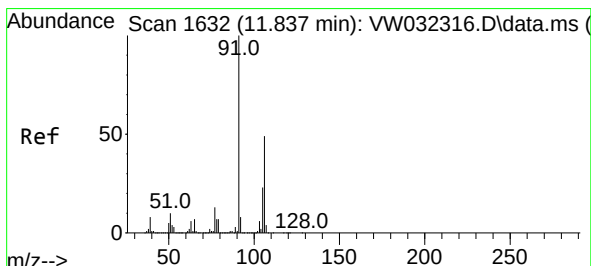
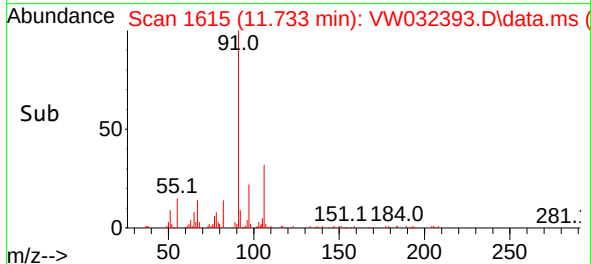
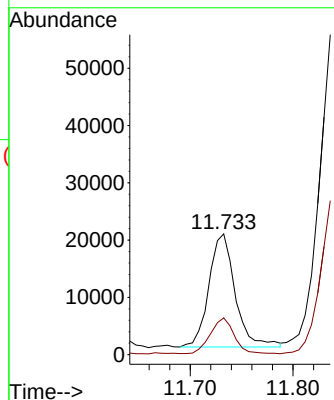
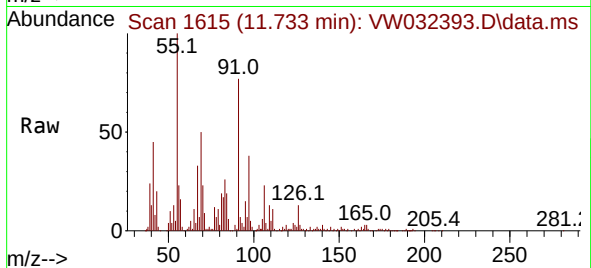
PR132-S10-000022-20251017

Tgt Ion: 91 Resp: 35079

Ion Ratio Lower Upper

91 100

106 31.6 25.3 37.9



#68

m/p-Xylenes

Concen: 7.449 ug/l

RT: 11.842 min Scan# 1633

Delta R.T. 0.006 min

Lab File: VW032393.D

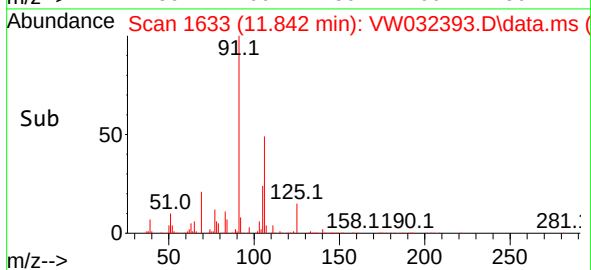
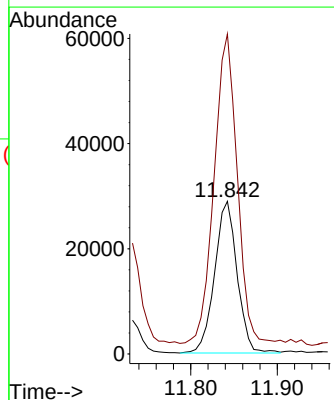
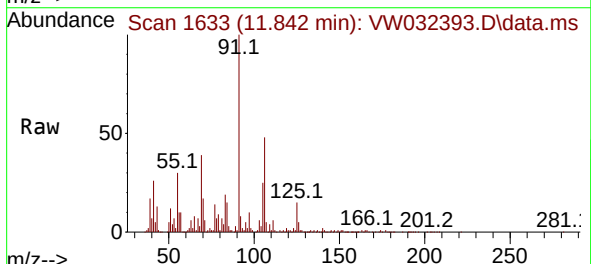
Acq: 20 Oct 2025 16:46

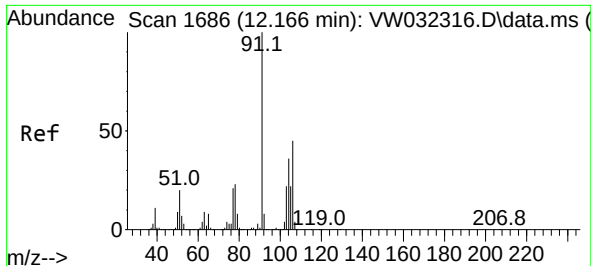
Tgt Ion:106 Resp: 52085

Ion Ratio Lower Upper

106 100

91 208.5 164.2 246.2

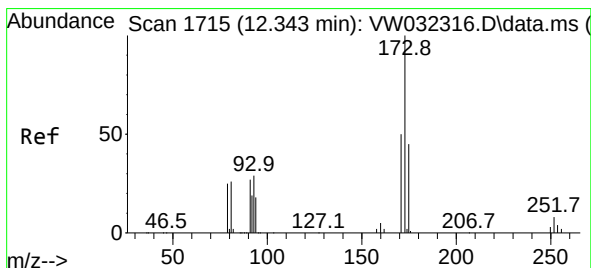
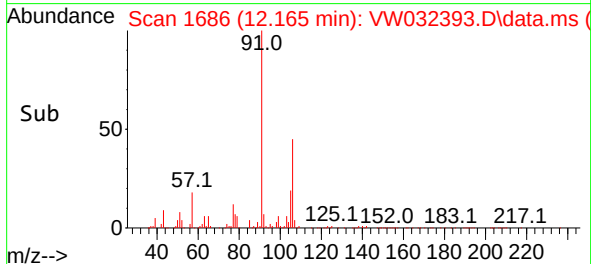
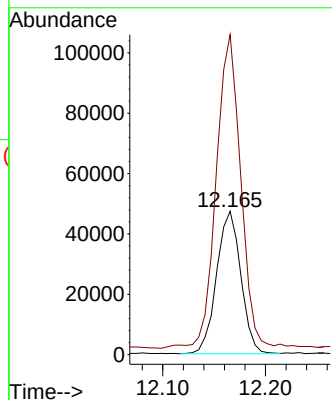
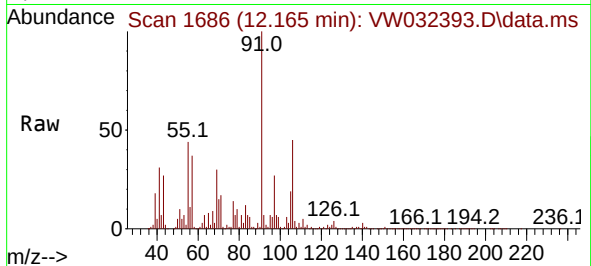




#69
o-Xylene
Concen: 11.806 ug/l
RT: 12.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032393.D
Acq: 20 Oct 2025 16:46

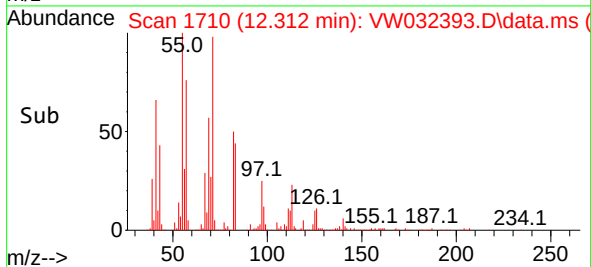
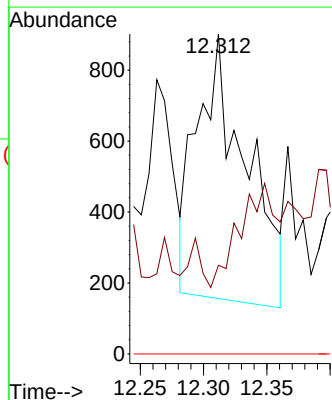
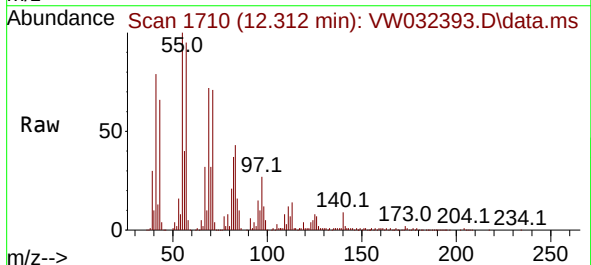
Instrument :
MSVOA_W
ClientSampleId :
PR132-S10-000022-20251017

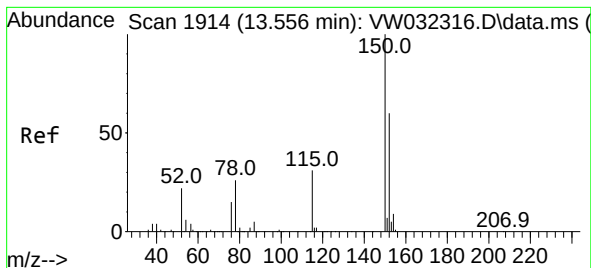
Tgt Ion:106 Resp: 77196
Ion Ratio Lower Upper
106 100
91 225.1 108.7 326.3



#71
Bromoform
Concen: 1.031 ug/l
RT: 12.312 min Scan# 1710
Delta R.T. -0.037 min
Lab File: VW032393.D
Acq: 20 Oct 2025 16:46

Tgt Ion:173 Resp: 2003
Ion Ratio Lower Upper
173 100
175 0.0 24.9 74.7#
254 0.0 0.2 0.2#

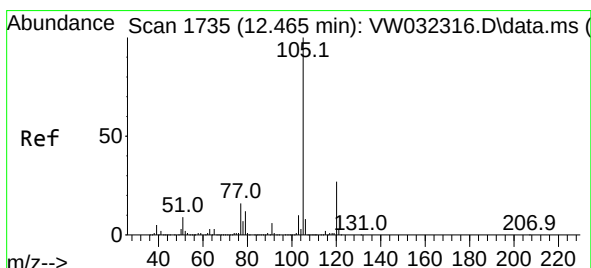
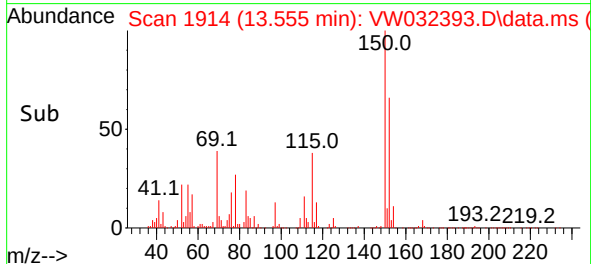
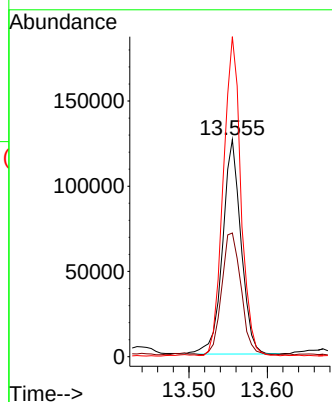
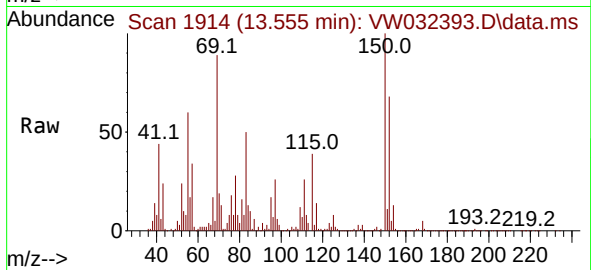




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032393.D
Acq: 20 Oct 2025 16:46

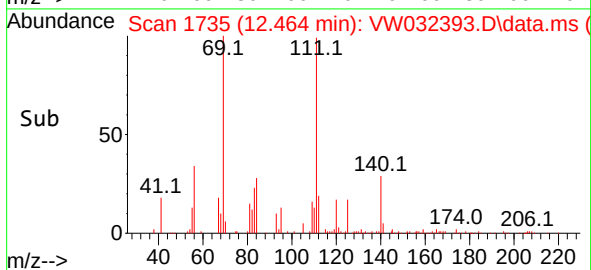
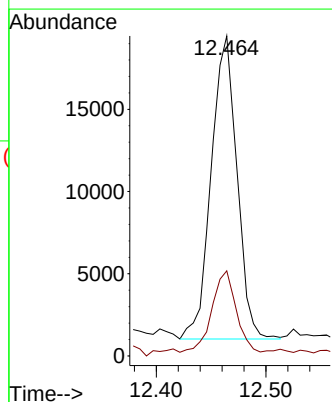
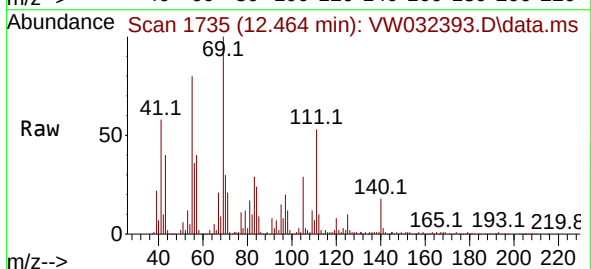
Instrument :
MSVOA_W
ClientSampleId :
PR132-S10-000022-20251017

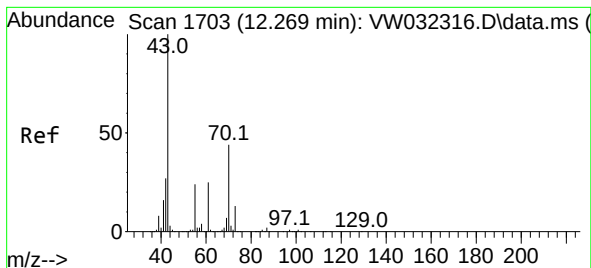
Tgt Ion:152 Resp: 205827
Ion Ratio Lower Upper
152 100
115 59.1 31.8 95.4
150 142.5 0.0 343.0



#73
Isopropylbenzene
Concen: 2.144 ug/l
RT: 12.464 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW032393.D
Acq: 20 Oct 2025 16:46

Tgt Ion:105 Resp: 30189
Ion Ratio Lower Upper
105 100
120 25.1 13.0 38.9



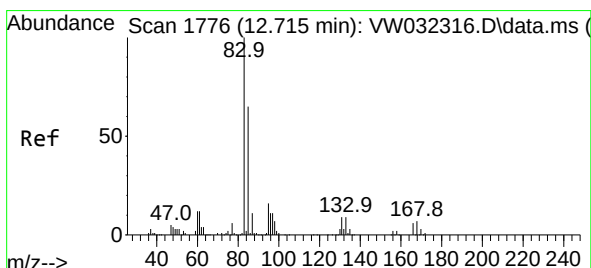
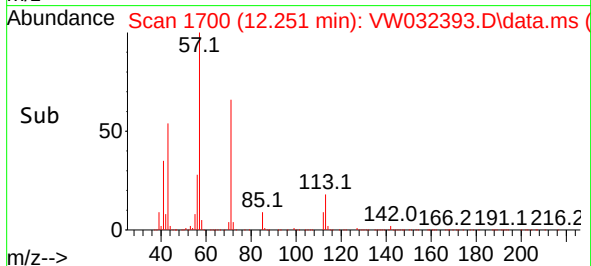
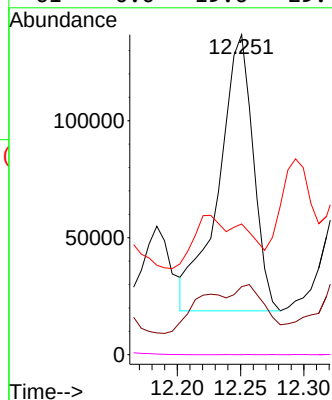
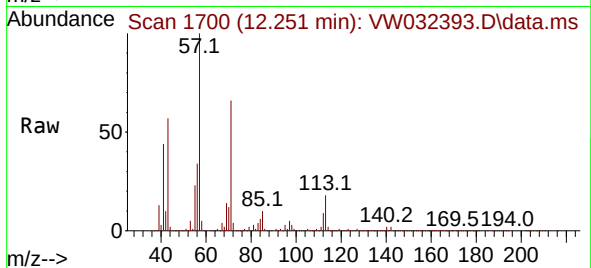


#74
N-amy1 acetate
Concen: 49.955 ug/l
RT: 12.251 min Scan# 1
Delta R.T. -0.019 min
Lab File: VW032393.D
Acq: 20 Oct 2025 16:46

Instrument :
MSVOA_W
ClientSampleId :
PR132-S10-000022-20251017

Tgt Ion: 43 Resp: 224410

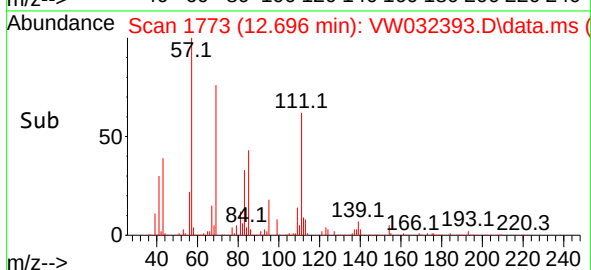
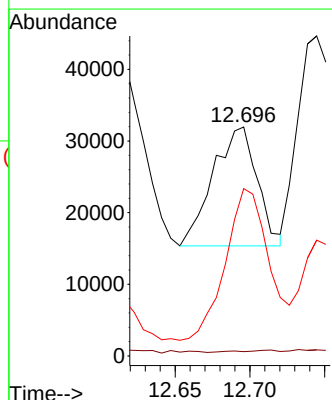
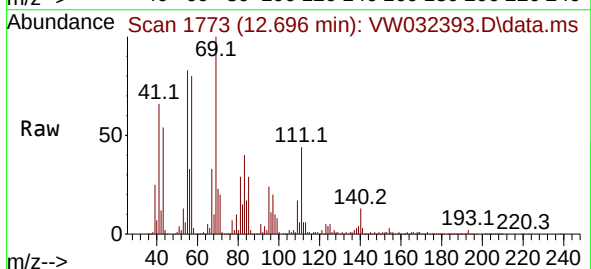
Ion	Ratio	Lower	Upper
43	100		
70	11.1	35.3	52.9#
55	0.0	19.9	29.9#
61	0.0	19.6	29.4#

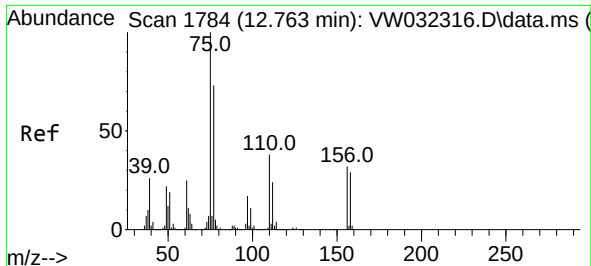


#75
1,1,2,2-Tetrachloroethane
Concen: 9.726 ug/l
RT: 12.696 min Scan# 1773
Delta R.T. -0.019 min
Lab File: VW032393.D
Acq: 20 Oct 2025 16:46

Tgt Ion: 83 Resp: 34005

Ion	Ratio	Lower	Upper
83	100		
131	1.5	5.1	15.4#
85	125.6	32.2	96.6#

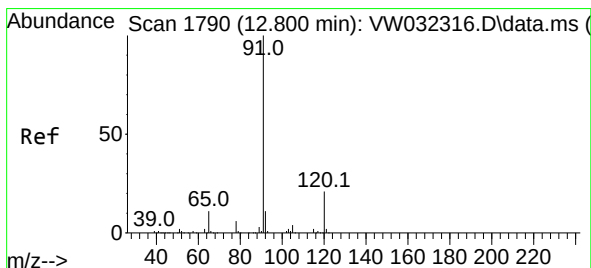
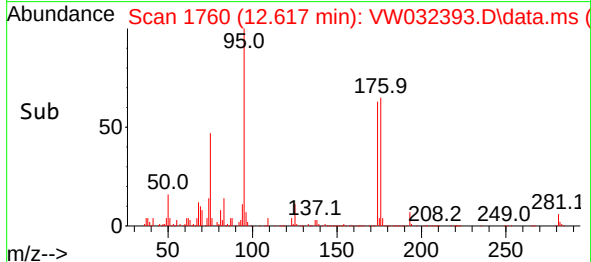
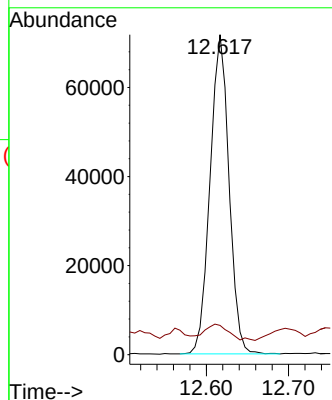
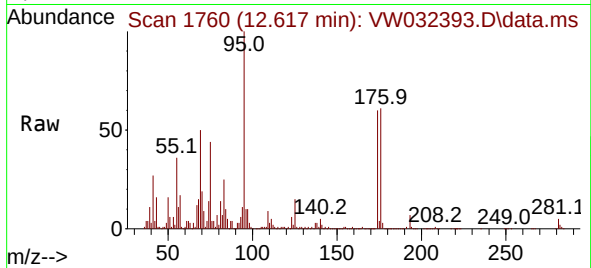




#76
1,2,3-Trichloropropane
Concen: 42.425 ug/l
RT: 12.617 min Scan# 11
Delta R.T. -0.147 min
Lab File: VW032393.D
Acq: 20 Oct 2025 16:46

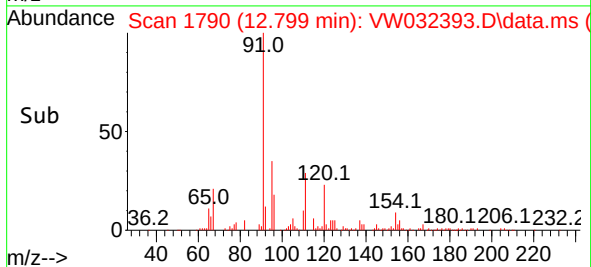
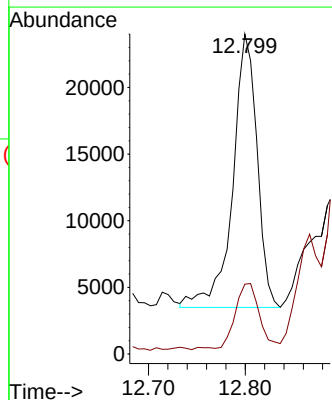
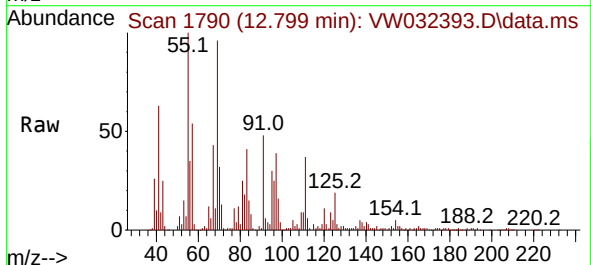
Instrument :
MSVOA_W
ClientSampleId :
PR132-S10-000022-20251017

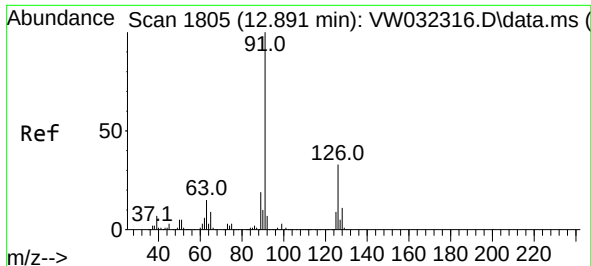
Tgt Ion: 75 Resp: 114911
Ion Ratio Lower Upper
75 100
77 6.7 141.7 425.1#



#78
n-propylbenzene
Concen: 2.041 ug/l
RT: 12.799 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VW032393.D
Acq: 20 Oct 2025 16:46

Tgt Ion: 91 Resp: 35908
Ion Ratio Lower Upper
91 100
120 23.3 11.8 35.4

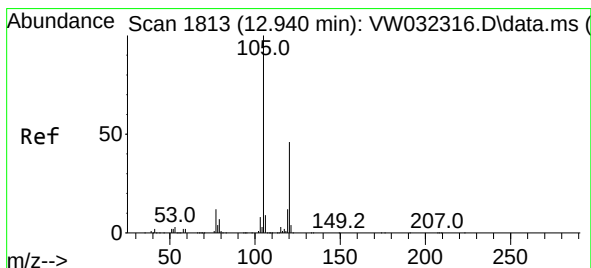
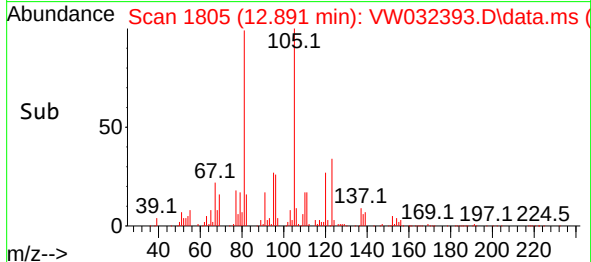
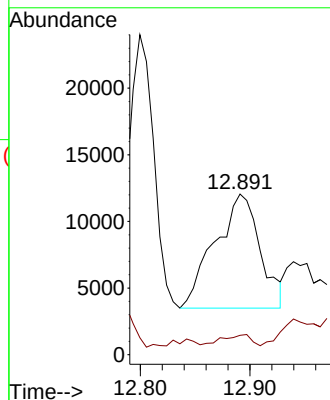
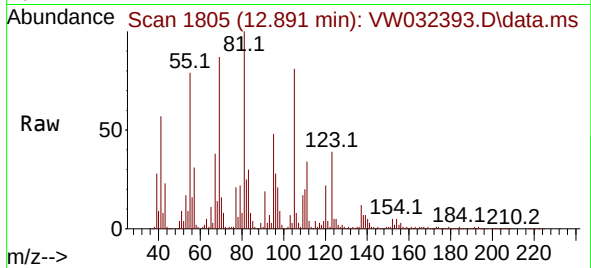




#79
2-Chlorotoluene
Concen: 2.276 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VW032393.D
Acq: 20 Oct 2025 16:46

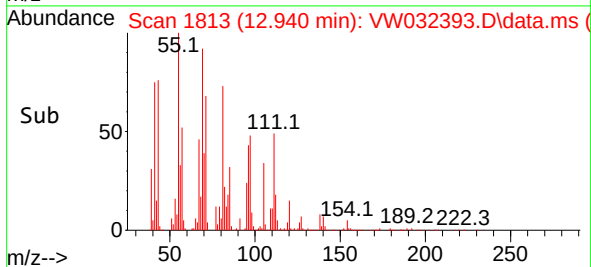
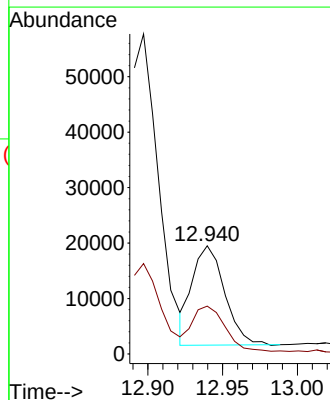
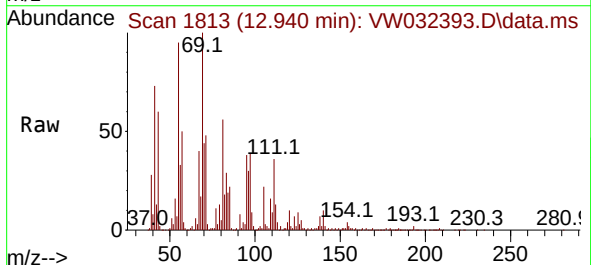
Instrument :
MSVOA_W
ClientSampleId :
PR132-S10-000022-20251017

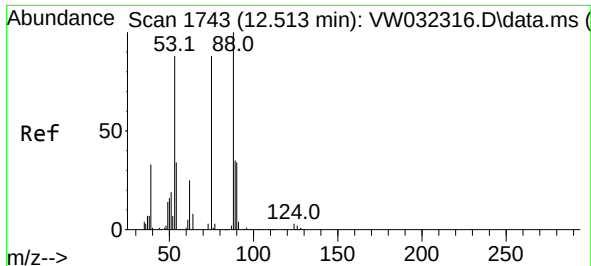
Tgt Ion: 91 Resp: 24482
Ion Ratio Lower Upper
91 100
126 6.0 16.6 49.7#



#80
1,3,5-Trimethylbenzene
Concen: 2.222 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032393.D
Acq: 20 Oct 2025 16:46

Tgt Ion: 105 Resp: 27053
Ion Ratio Lower Upper
105 100
120 46.4 24.8 74.4

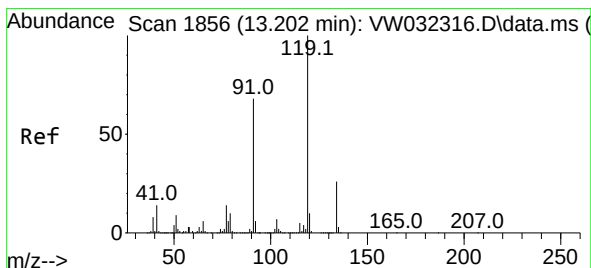
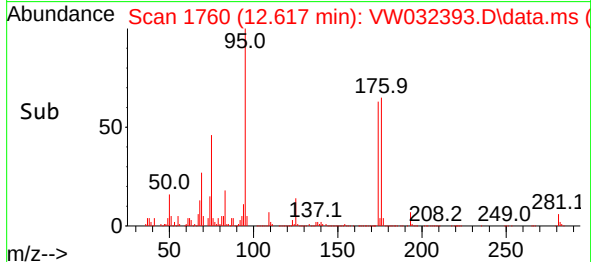
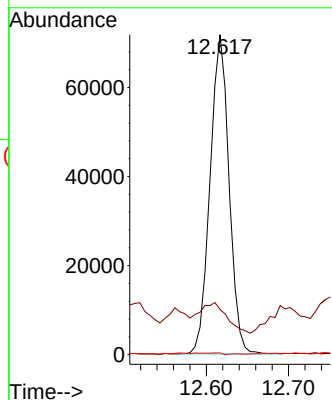
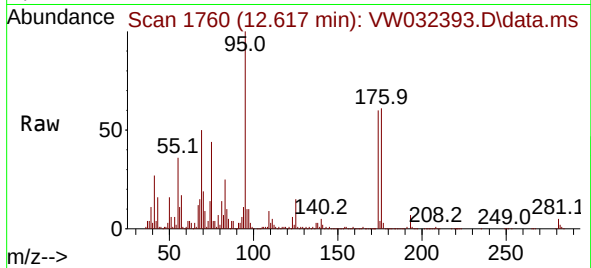




#81
trans-1,4-Dichloro-2-butene
Concen: 107.474 ug/l
RT: 12.617 min Scan# 114911
Delta R.T. 0.103 min
Lab File: VW032393.D
Acq: 20 Oct 2025 16:46

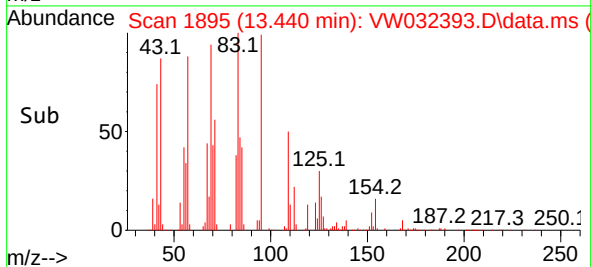
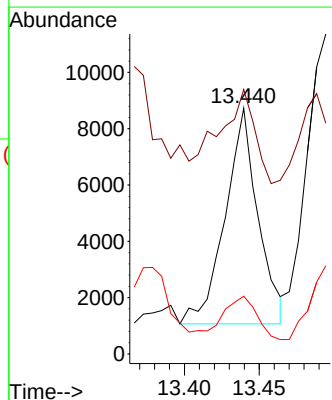
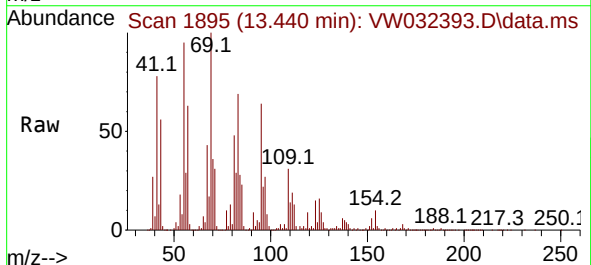
Instrument :
MSVOA_W
ClientSampleId :
PR132-S10-000022-20251017

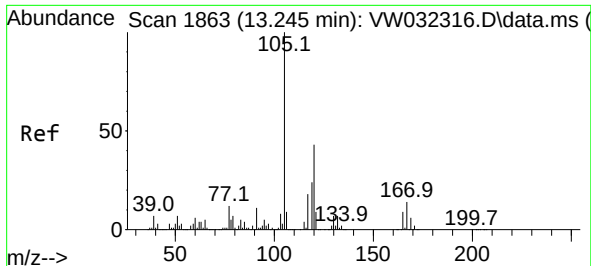
Tgt Ion: 75 Resp: 114911
Ion Ratio Lower Upper
75 100
53 14.0 91.0 136.6#
89 0.0 39.4 59.2#



#83
tert-Butylbenzene
Concen: 1.172 ug/l
RT: 13.440 min Scan# 1895
Delta R.T. 0.237 min
Lab File: VW032393.D
Acq: 20 Oct 2025 16:46

Tgt Ion: 119 Resp: 11707
Ion Ratio Lower Upper
119 100
91 46.7 33.8 101.3
134 21.0 12.5 37.5

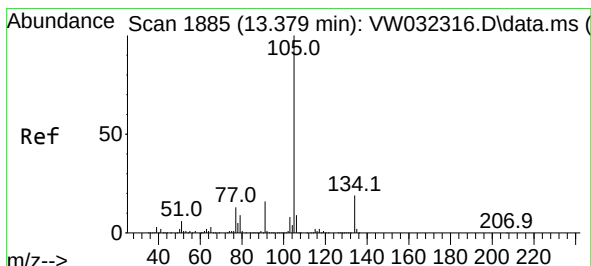
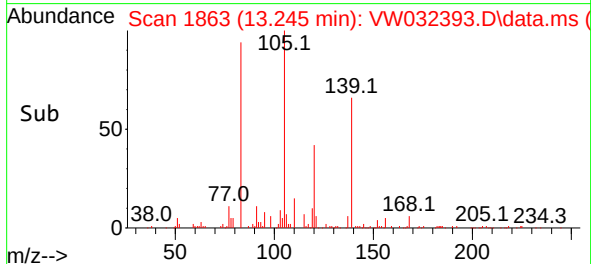
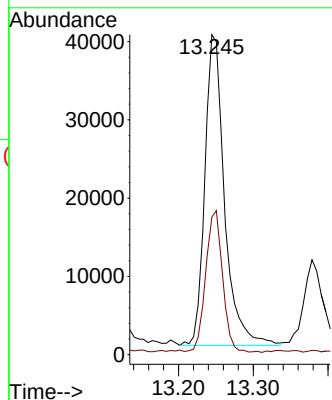
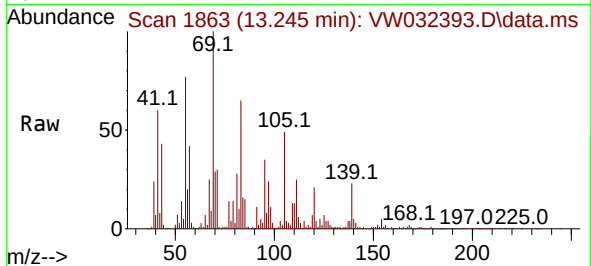




#84
1,2,4-Trimethylbenzene
Concen: 5.877 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW032393.D
Acq: 20 Oct 2025 16:46

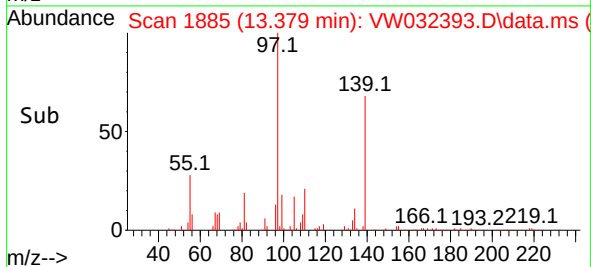
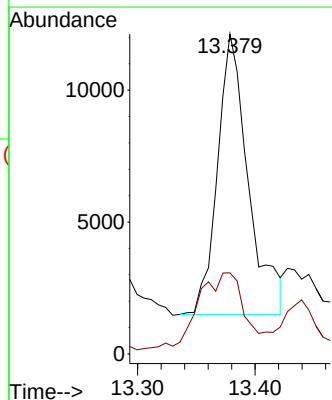
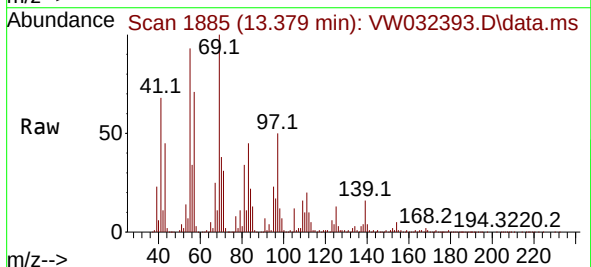
Instrument : MSVOA_W
ClientSampleId : PR132-S10-000022-20251017

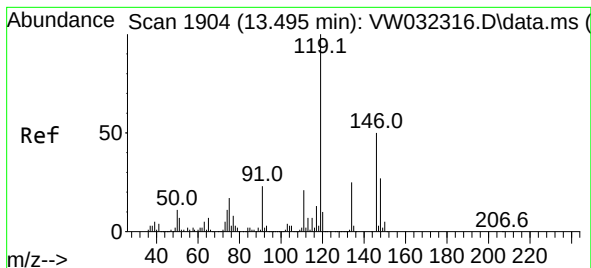
Tgt Ion:105 Resp: 72770
Ion Ratio Lower Upper
105 100
120 38.5 22.1 66.3



#85
sec-Butylbenzene
Concen: 1.270 ug/l
RT: 13.379 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VW032393.D
Acq: 20 Oct 2025 16:46

Tgt Ion:105 Resp: 19385
Ion Ratio Lower Upper
105 100
134 43.1 10.1 30.1#

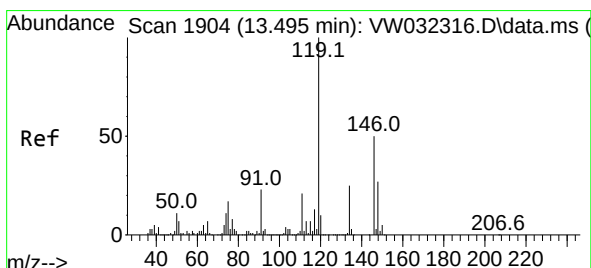
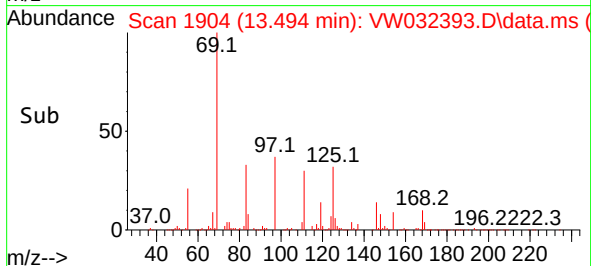
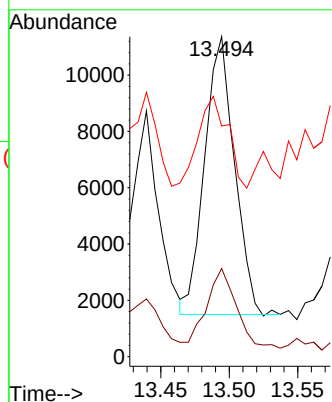
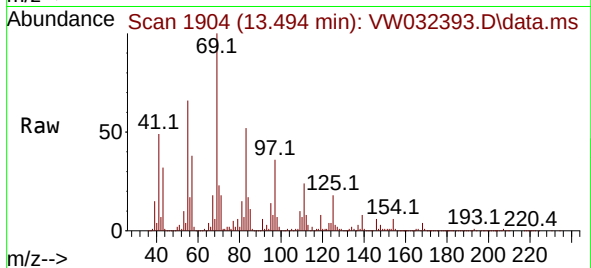




#86
 p-Isopropyltoluene
 Concen: 1.178 ug/l
 RT: 13.494 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VW032393.D
 Acq: 20 Oct 2025 16:46

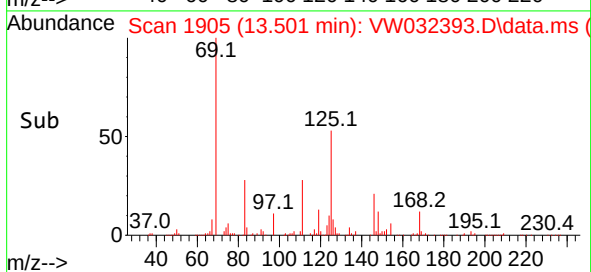
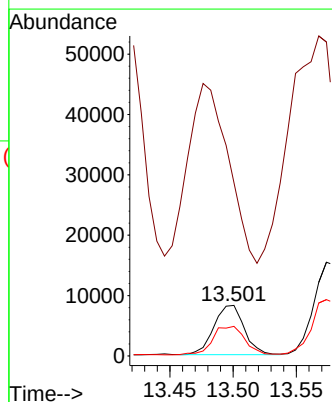
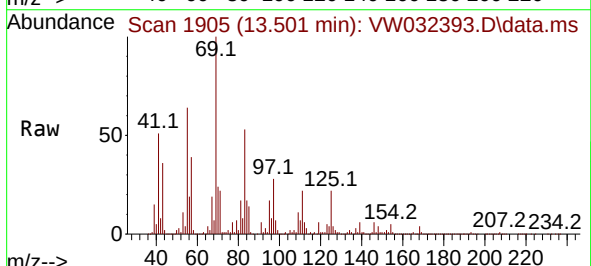
Instrument : MSVOA_W
 ClientSampleId : PR132-S10-000022-20251017

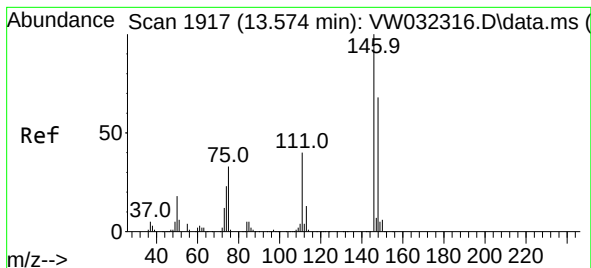
Tgt Ion:119 Resp: 14921
 Ion Ratio Lower Upper
 119 100
 134 28.3 12.6 37.6
 91 36.4 12.4 37.0



#87
 1,3-Dichlorobenzene
 Concen: 1.987 ug/l
 RT: 13.501 min Scan# 1905
 Delta R.T. 0.006 min
 Lab File: VW032393.D
 Acq: 20 Oct 2025 16:46

Tgt Ion:146 Resp: 13659
 Ion Ratio Lower Upper
 146 100
 111 0.0 20.6 61.9#
 148 61.9 30.6 92.0





#88

1,4-Dichlorobenzene

Concen: 3.688 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032393.D

Acq: 20 Oct 2025 16:46

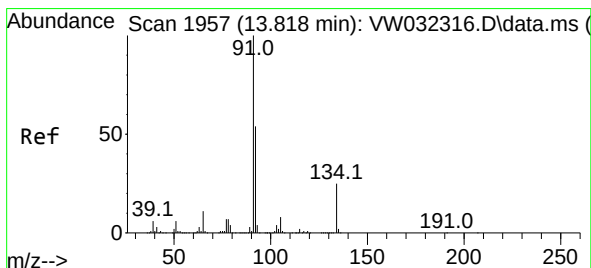
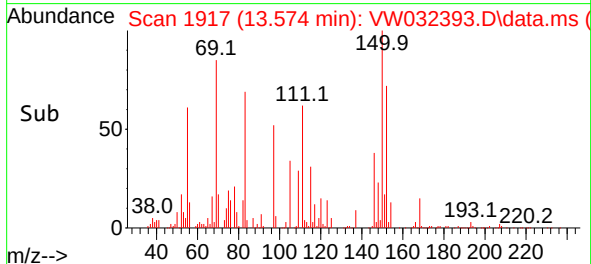
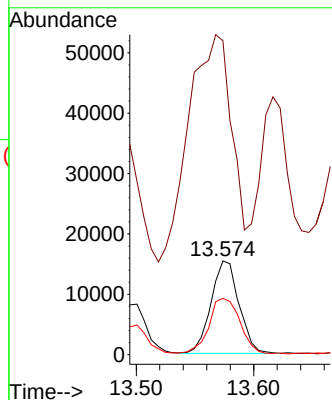
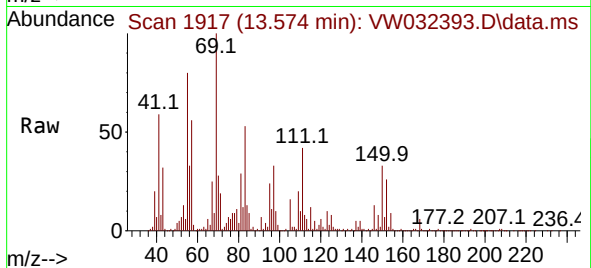
Instrument :

MSVOA_W

ClientSampleId :

PR132-S10-000022-20251017

Tgt Ion:	146	Resp:	25346
Ion	Ratio	Lower	Upper
146	100		
111	382.5	21.3	63.7#
148	66.5	33.4	100.1



#89

n-Butylbenzene

Concen: 1.270 ug/l

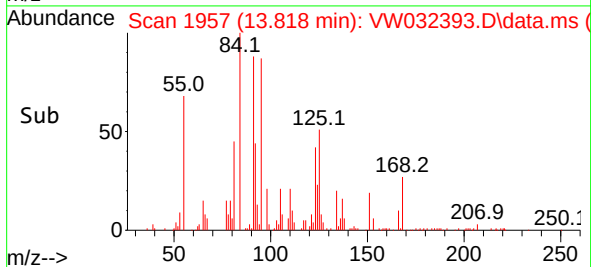
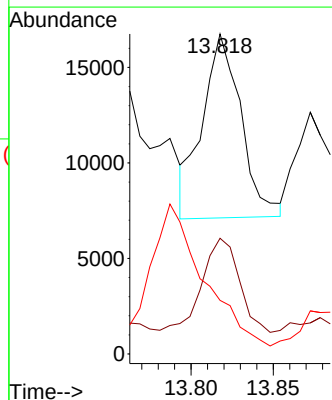
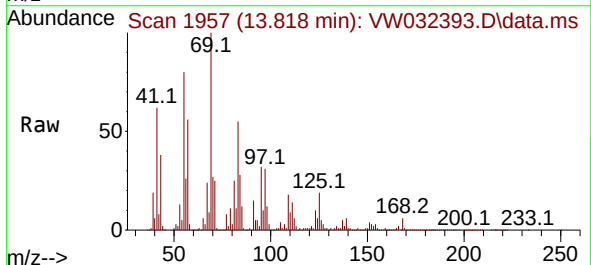
RT: 13.818 min Scan# 1957

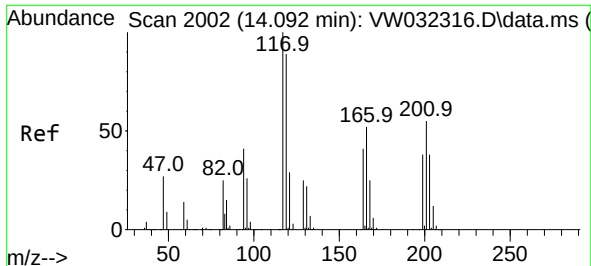
Delta R.T. -0.000 min

Lab File: VW032393.D

Acq: 20 Oct 2025 16:46

Tgt Ion:	91	Resp:	15711
Ion	Ratio	Lower	Upper
91	100		
92	49.3	27.0	81.0
134	0.0	13.1	39.3#

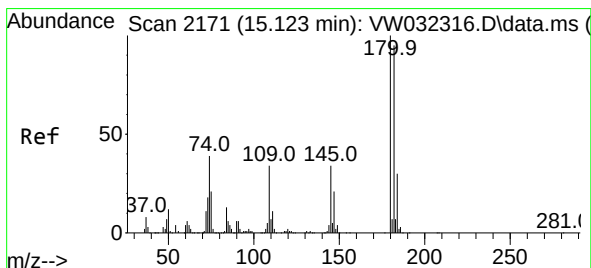
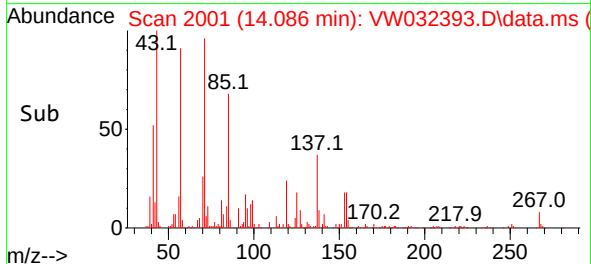
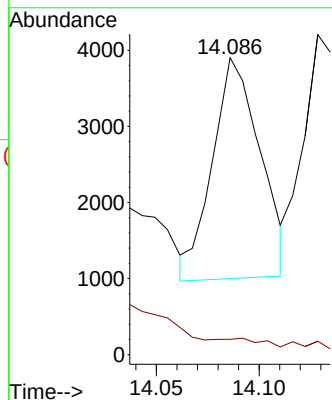
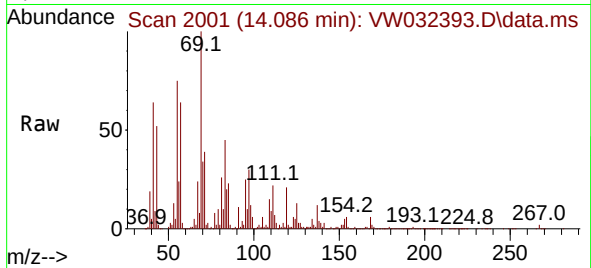




#90
Hexachloroethane
Concen: 2.058 ug/l
RT: 14.086 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VW032393.D
Acq: 20 Oct 2025 16:46

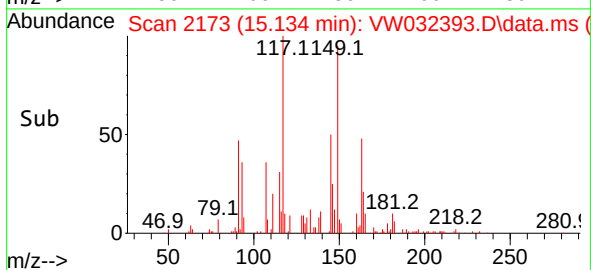
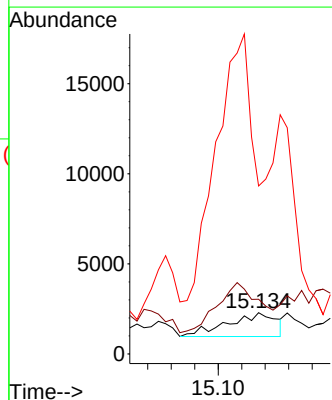
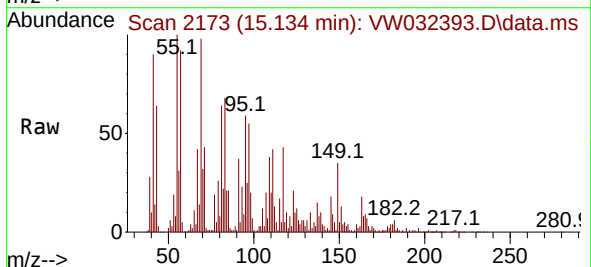
Instrument :
MSVOA_W
ClientSampleId :
PR132-S10-000022-20251017

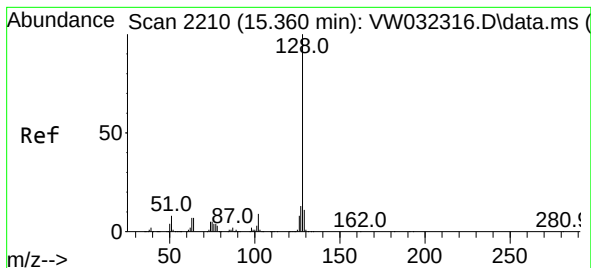
Tgt Ion:117 Resp: 4672
Ion Ratio Lower Upper
117 100
201 0.0 32.8 98.4#



#93
1,2,4-Trichlorobenzene
Concen: 1.000 ug/l
RT: 15.134 min Scan# 2173
Delta R.T. 0.012 min
Lab File: VW032393.D
Acq: 20 Oct 2025 16:46

Tgt Ion:180 Resp: 3727
Ion Ratio Lower Upper
180 100
182 175.0 47.4 142.2#
145 1039.0 16.4 49.1#





#95

Naphthalene

Concen: 6.432 ug/l

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW032393.D

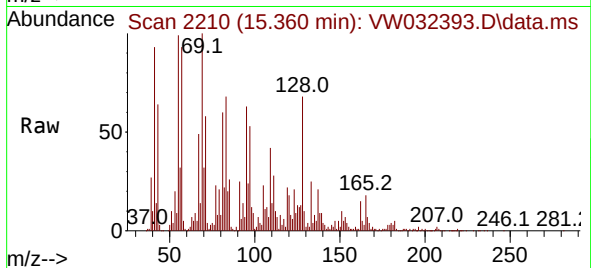
Acq: 20 Oct 2025 16:46

Instrument :

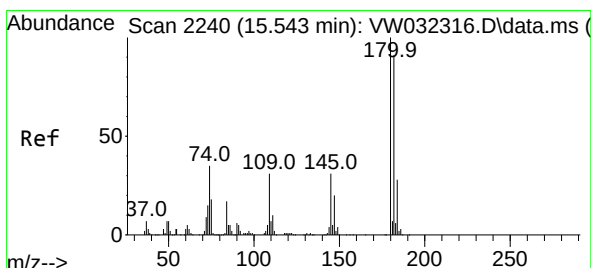
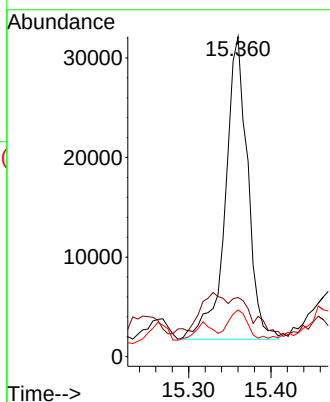
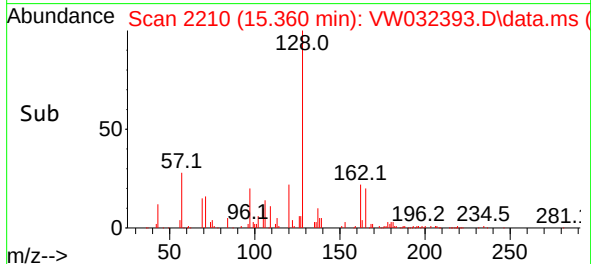
MSVOA_W

ClientSampleId :

PR132-S10-000022-20251017



Tgt Ion:	128	Resp:	57551
Ion Ratio	Lower	Upper	
128	100		
127	0.0	10.6	16.0#
129	7.8	8.4	12.6#



#96

1,2,3-Trichlorobenzene

Concen: 1.167 ug/l

RT: 15.561 min Scan# 2243

Delta R.T. 0.018 min

Lab File: VW032393.D

Acq: 20 Oct 2025 16:46

Tgt Ion:	180	Resp:	4097
Ion Ratio	Lower	Upper	
180	100		
182	0.0	47.7	143.1#
145	0.0	17.2	51.6#

