

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
 Data File : VW032383.D
 Acq On : 20 Oct 2025 13:07
 Operator : SY/MD
 Sample : Q3375-01
 Misc : 5.83g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PR132-S02-074099-20251016

Quant Time: Oct 21 01:25:48 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)

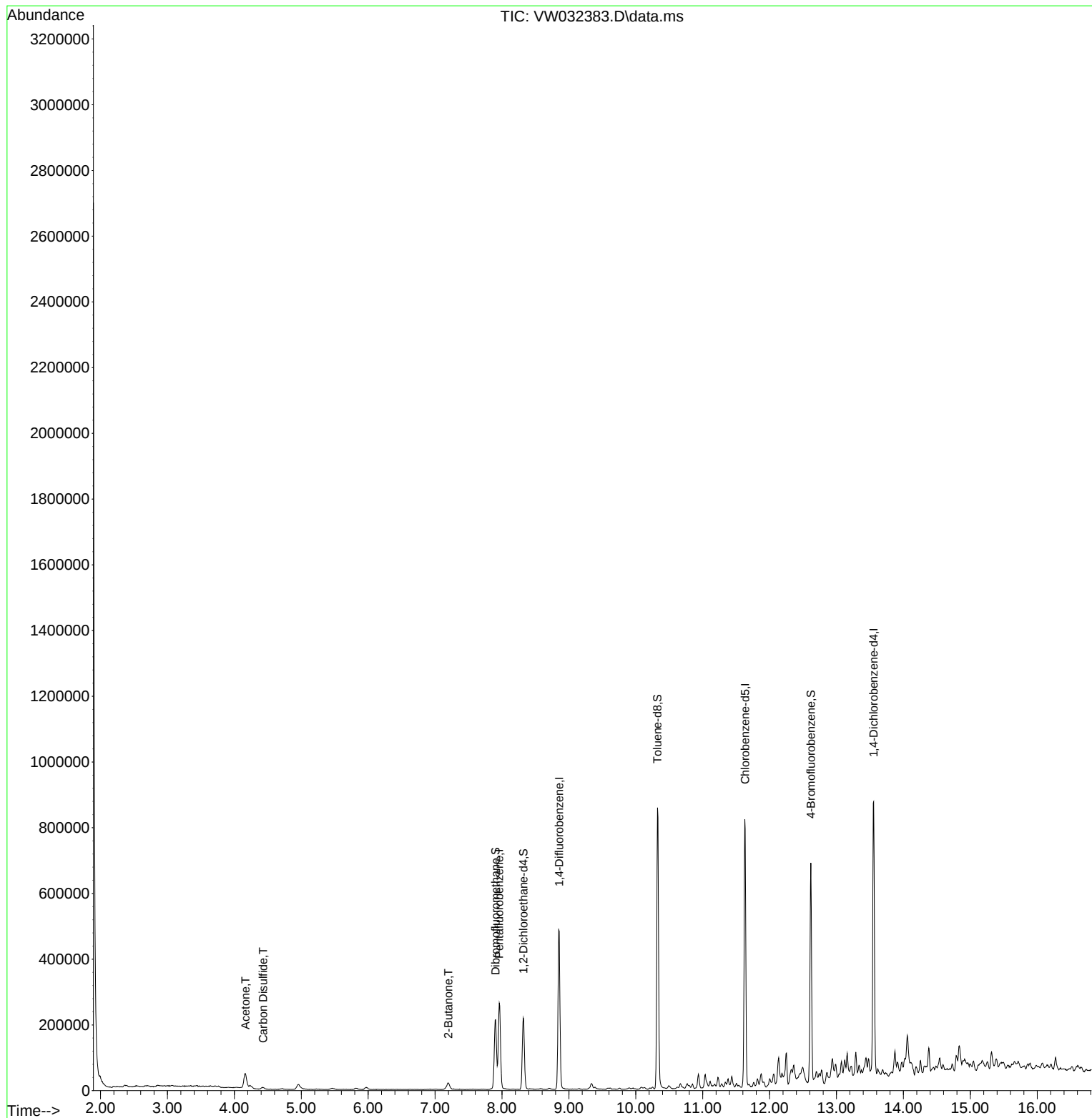
Internal Standards						
1) Pentafluorobenzene	7.959	168	182142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	406610	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	455957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	230143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	180914	68.098	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 136.200%			
35) Dibromofluoromethane	7.904	113	156656	59.492	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 118.980%			
50) Toluene-d8	10.325	98	563922	58.024	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 116.040%			
62) 4-Bromofluorobenzene	12.617	95	218940	59.602	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 119.200%			
Target Compounds					Qvalue	
16) Acetone	4.167	43	85638	116.418	ug/l	96
17) Carbon Disulfide	4.429	76	12340	2.203	ug/l #	94
25) 2-Butanone	7.197	43	30117	30.061	ug/l	91

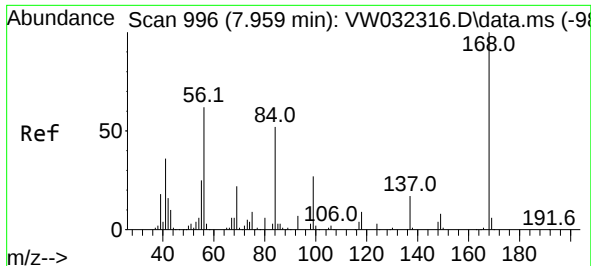
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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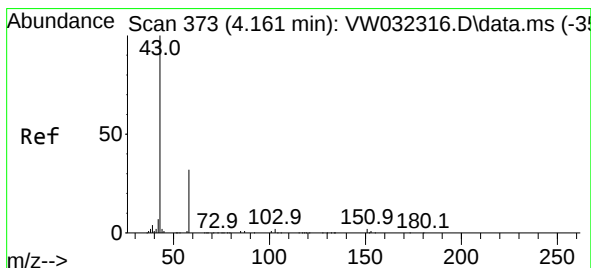
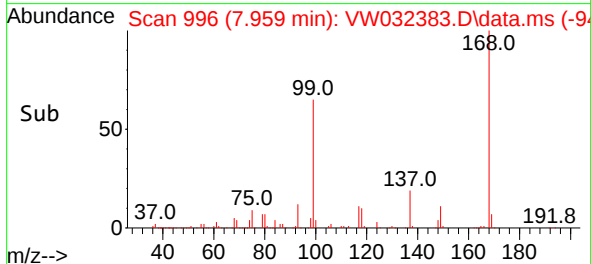
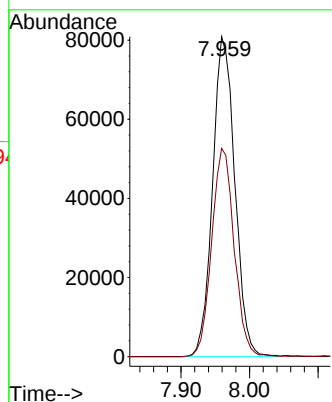
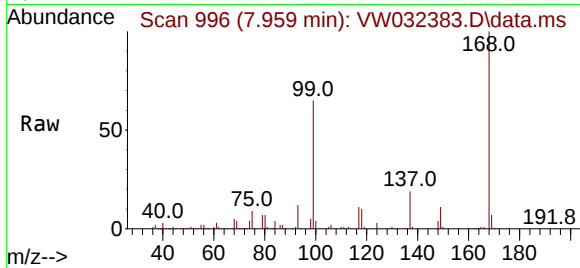




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW032383.D
Acq: 20 Oct 2025 13:07

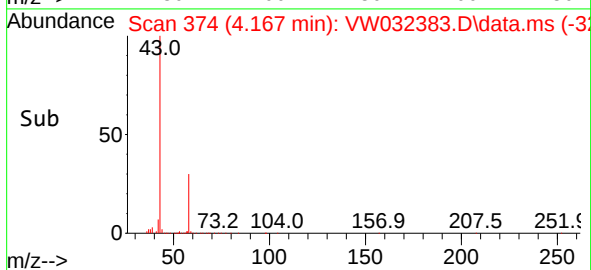
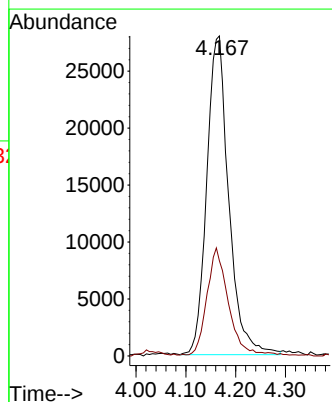
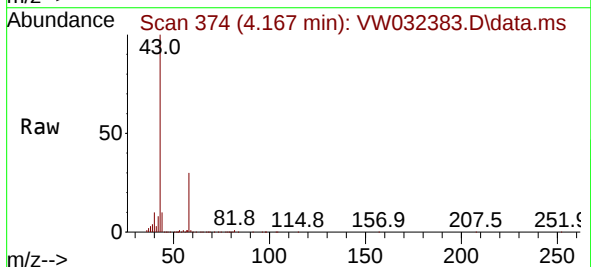
Instrument :
MSVOA_W
ClientSampleId :
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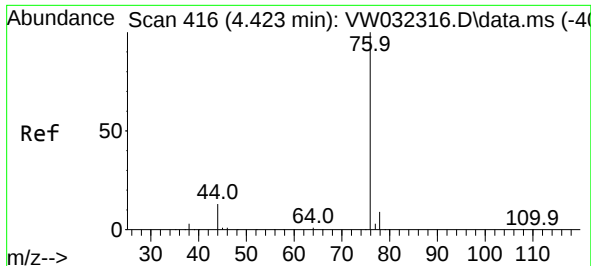
Tgt Ion:168 Resp: 182142
Ion Ratio Lower Upper
168 100
99 65.1 49.3 73.9



#16
Acetone
Concen: 116.418 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.006 min
Lab File: VW032383.D
Acq: 20 Oct 2025 13:07

Tgt Ion: 43 Resp: 85638
Ion Ratio Lower Upper
43 100
58 29.6 25.3 37.9

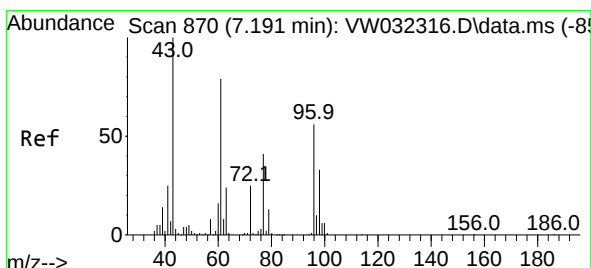
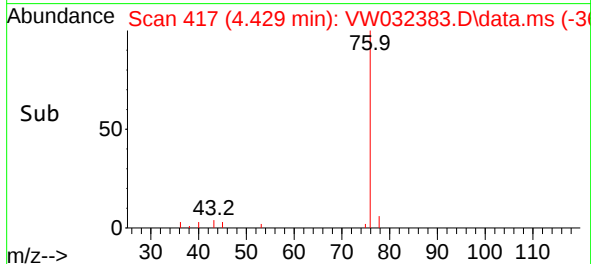
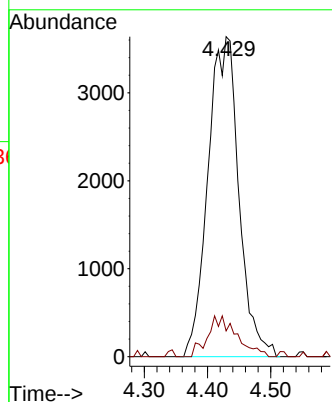
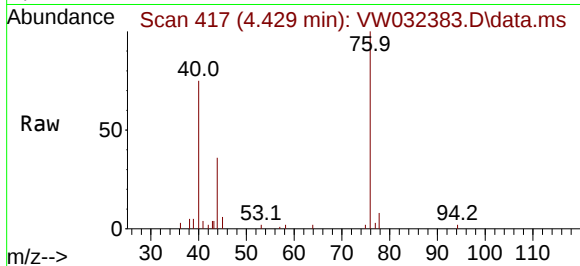




#17
Carbon Disulfide
Concen: 2.203 ug/l
RT: 4.429 min Scan# 416
Delta R.T. 0.006 min
Lab File: VW032383.D
Acq: 20 Oct 2025 13:07

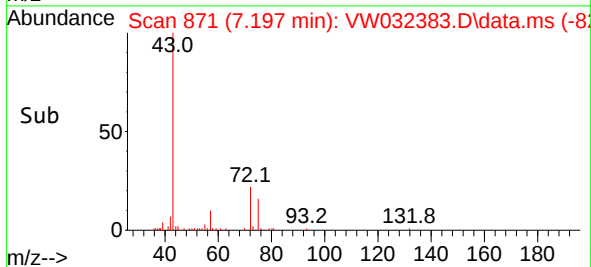
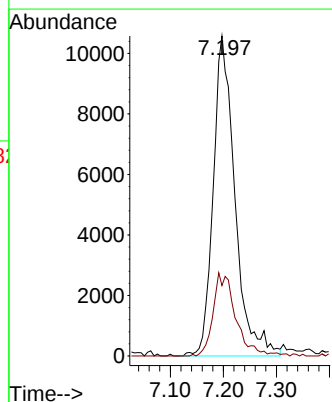
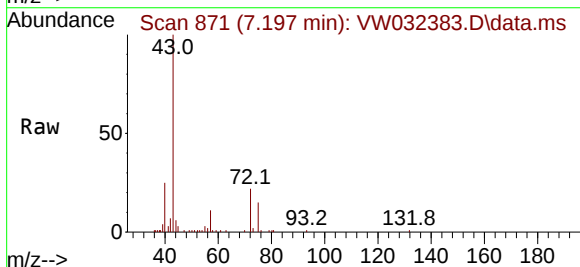
Instrument :
MSVOA_W
ClientSampleId :
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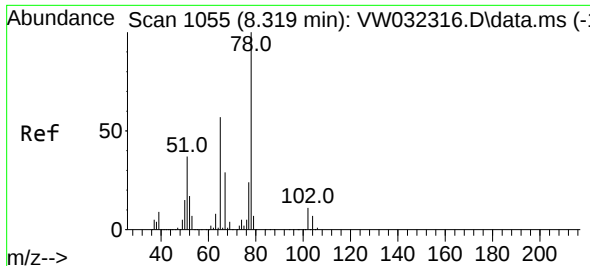
Tgt Ion: 76 Resp: 12340
Ion Ratio Lower Upper
76 100
78 6.5 7.0 10.6#



#25
2-Butanone
Concen: 30.061 ug/l
RT: 7.197 min Scan# 871
Delta R.T. 0.006 min
Lab File: VW032383.D
Acq: 20 Oct 2025 13:07

Tgt Ion: 43 Resp: 30117
Ion Ratio Lower Upper
43 100
72 22.0 21.4 32.2

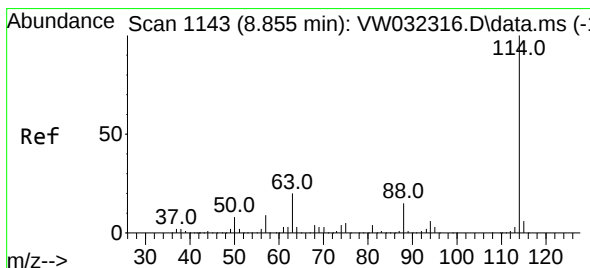
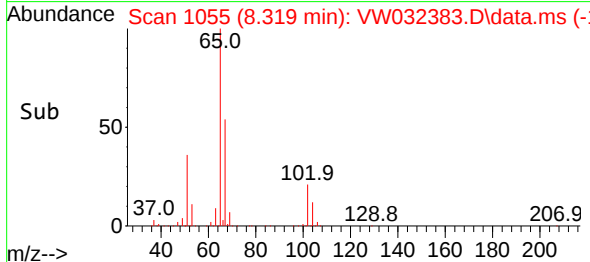
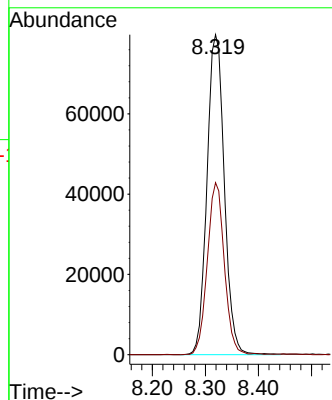
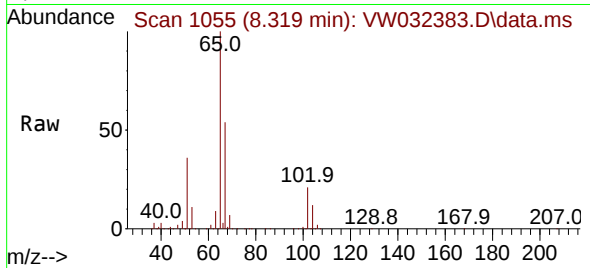




#33
 1,2-Dichloroethane-d4
 Concen: 68.098 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032383.D
 Acq: 20 Oct 2025 13:07

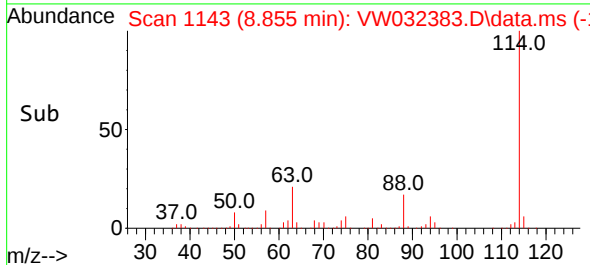
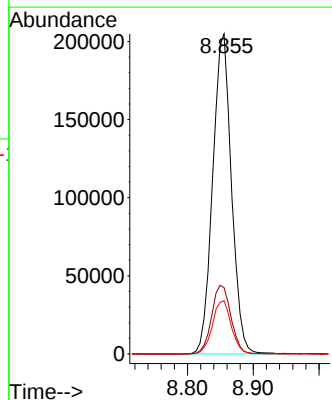
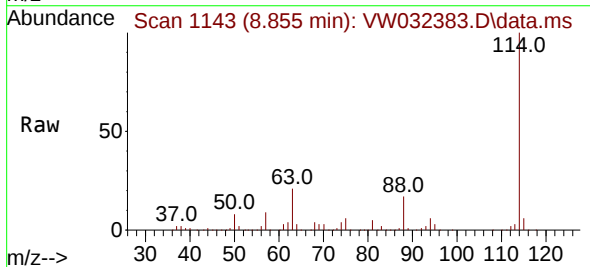
Instrument : MSVOA_W
 ClientSampleId : PR132-S02-074099-20251016

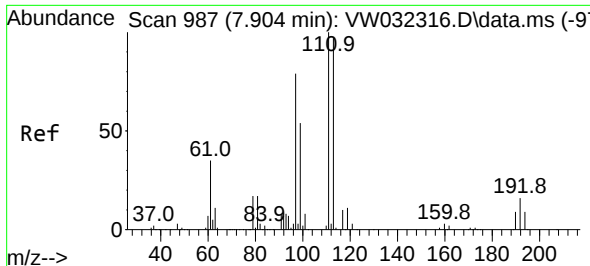
Tgt Ion: 65 Resp: 180914
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VW032383.D
 Acq: 20 Oct 2025 13:07

Tgt Ion: 114 Resp: 406610
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.4
 88 16.7 0.0 32.0

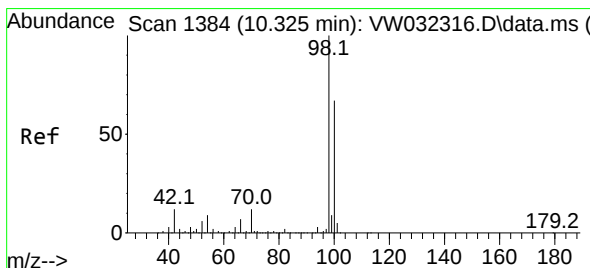
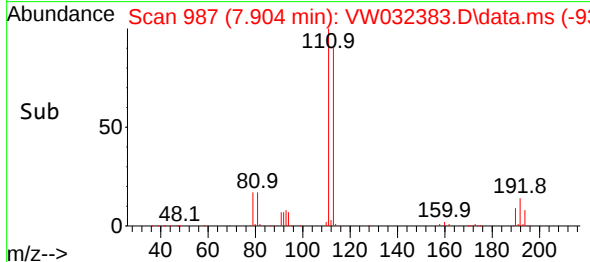
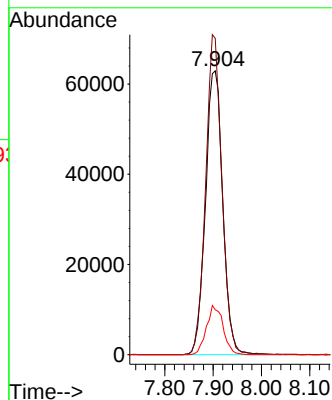
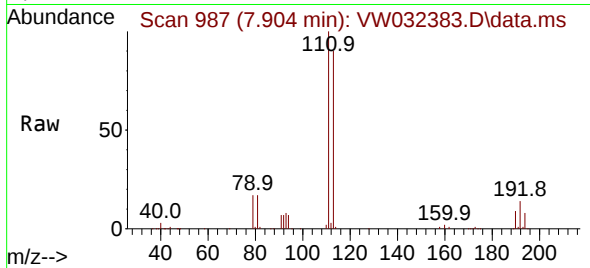




#35
 Dibromofluoromethane
 Concen: 59.492 ug/l
 RT: 7.904 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VW032383.D
 Acq: 20 Oct 2025 13:07

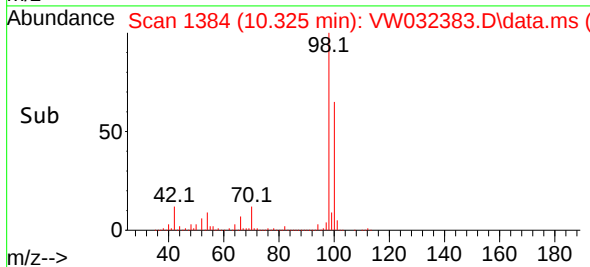
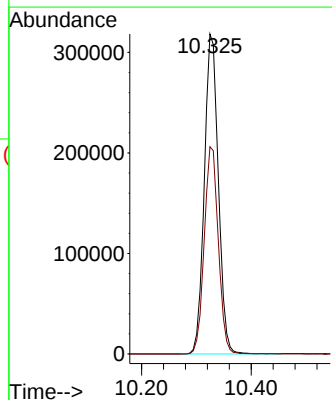
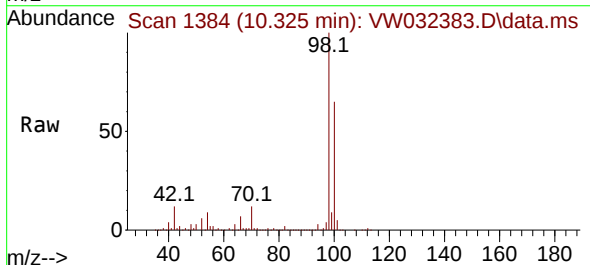
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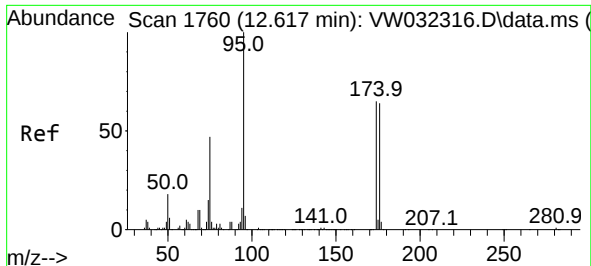
Tgt Ion:113 Resp: 156656
 Ion Ratio Lower Upper
 113 100
 111 105.8 83.9 125.9
 192 16.7 14.6 21.8



#50
 Toluene-d8
 Concen: 58.024 ug/l
 RT: 10.325 min Scan# 1384
 Delta R.T. -0.000 min
 Lab File: VW032383.D
 Acq: 20 Oct 2025 13:07

Tgt Ion: 98 Resp: 563922
 Ion Ratio Lower Upper
 98 100
 100 64.9 51.4 77.2

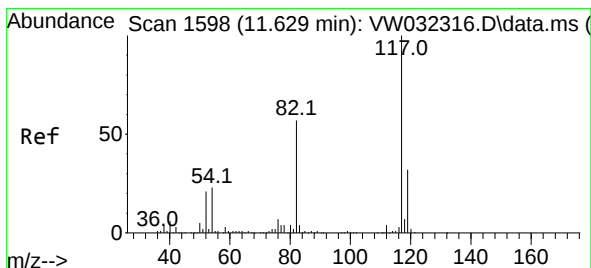
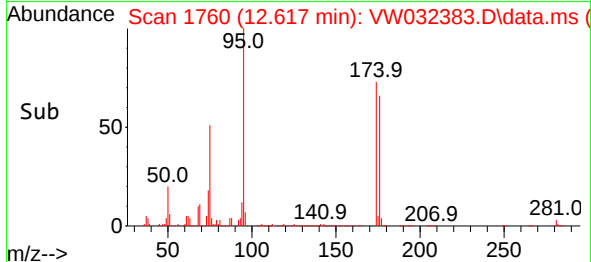
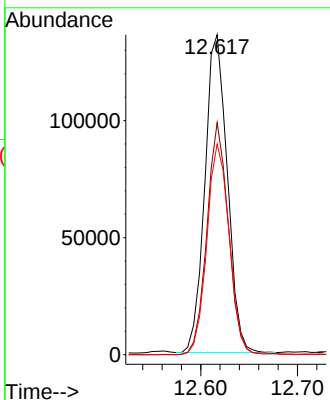
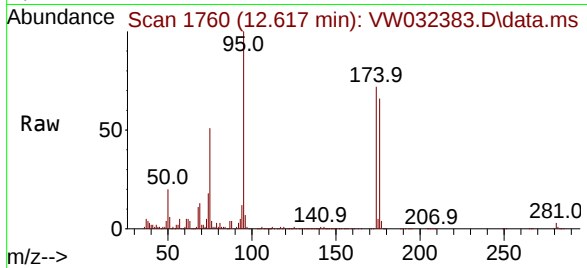




#62
4-Bromofluorobenzene
Concen: 59.602 ug/l
RT: 12.617 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032383.D
Acq: 20 Oct 2025 13:07

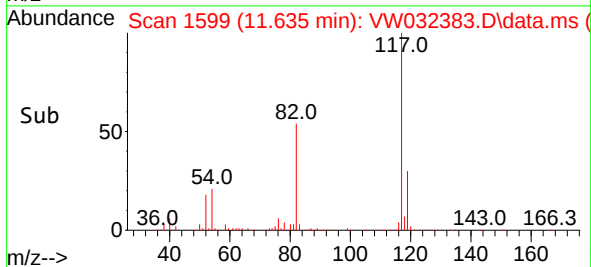
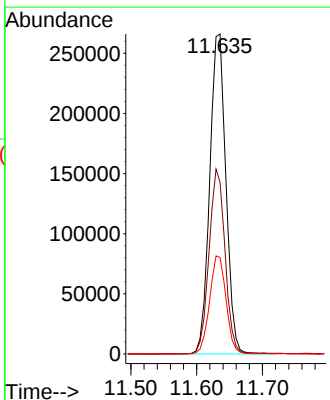
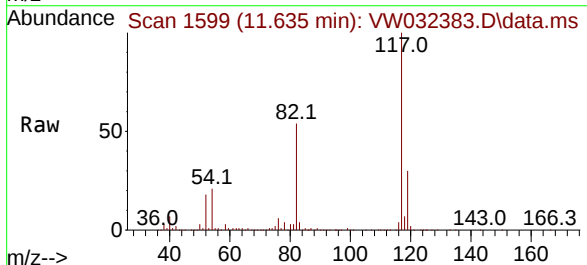
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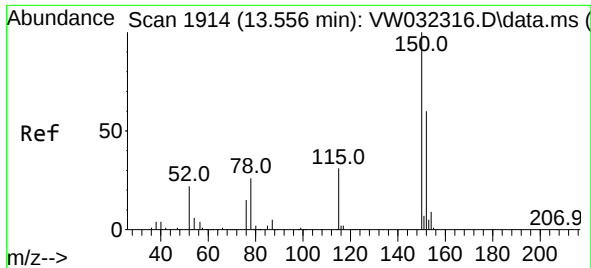
Tgt Ion: 95 Resp: 218940
Ion Ratio Lower Upper
95 100
174 70.1 0.0 145.6
176 66.0 0.0 140.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VW032383.D
Acq: 20 Oct 2025 13:07

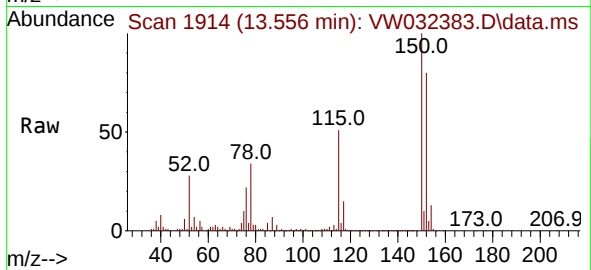
Tgt Ion: 117 Resp: 455957
Ion Ratio Lower Upper
117 100
82 53.6 42.7 64.1
119 30.2 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. -0.000 min
 Lab File: VW032383.D
 Acq: 20 Oct 2025 13:07

Instrument :
 MSVOA_W
 ClientSampleId :
 PR132-S02-074099-20251016



Tgt Ion:152 Resp: 230143
 Ion Ratio Lower Upper
 152 100
 115 63.5 31.8 95.4
 150 143.5 0.0 343.0

