

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

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

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

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

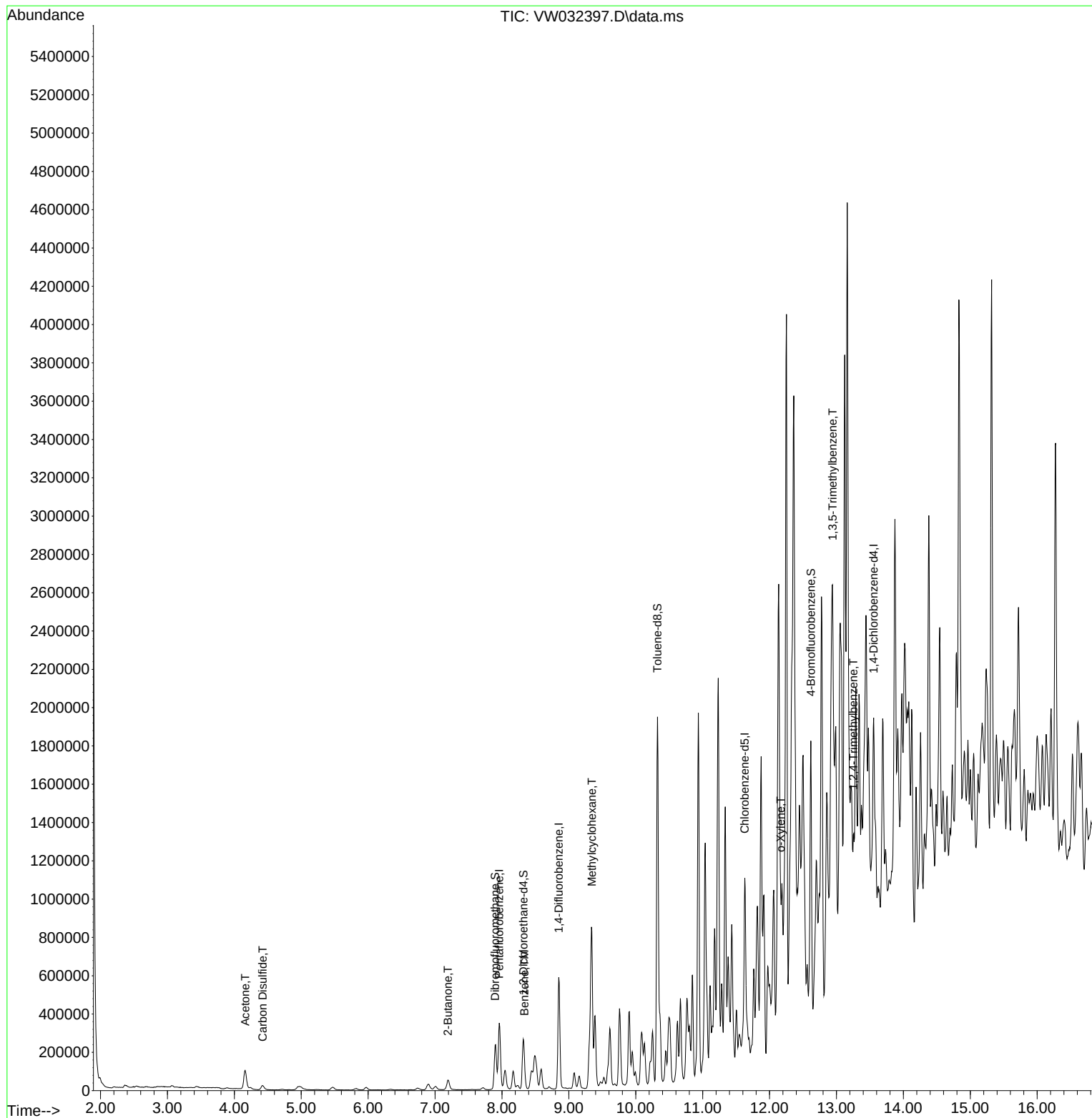
Internal Standards						
1) Pentafluorobenzene	7.959	168	223455	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	495591	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	505431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	270145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	199880	61.327	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 122.660%		
35) Dibromofluoromethane	7.898	113	176402	54.962	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 109.920%		
50) Toluene-d8	10.325	98	689108	58.174	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 116.340%		
62) 4-Bromofluorobenzene	12.617	95	304455	68.001	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 136.000%		
Target Compounds						
						Qvalue
16) Acetone	4.161	43	180799	200.341	ug/l	99
17) Carbon Disulfide	4.423	76	53078	7.724	ug/l	96
25) 2-Butanone	7.191	43	78309	63.712	ug/l	95
39) Methylcyclohexane	9.343	83	273121	49.989	ug/l	92
40) Benzene	8.337	78	44000	3.099	ug/l	91
69) o-Xylene	12.166	106	36513	5.462	ug/l	84
80) 1,3,5-Trimethylbenzene	12.940	105	65963	4.128	ug/l	99
84) 1,2,4-Trimethylbenzene	13.251	105	77416	4.764	ug/l	98

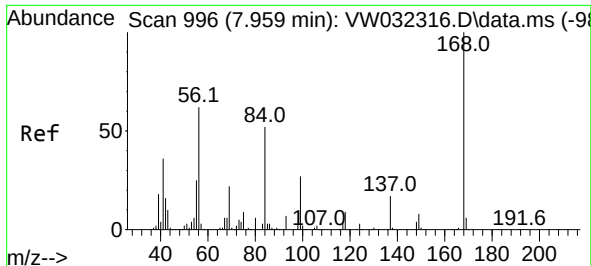
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

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

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

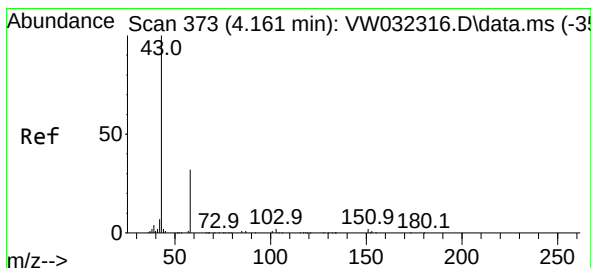
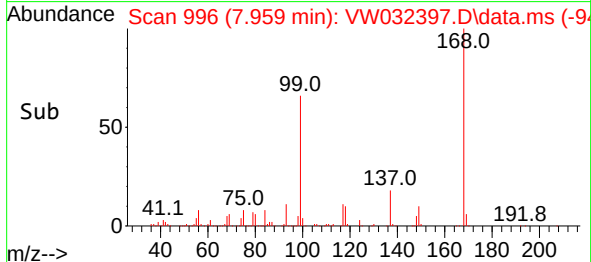
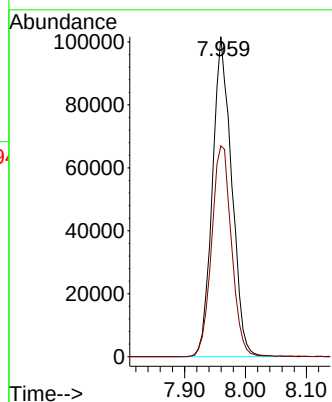
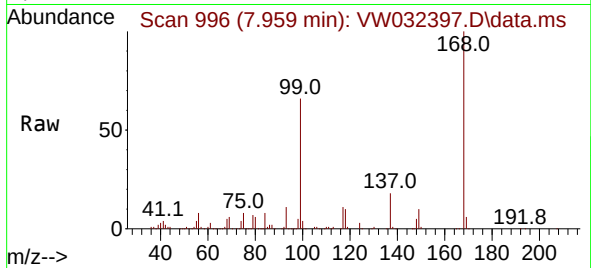




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW032397.D
Acq: 20 Oct 2025 18:14

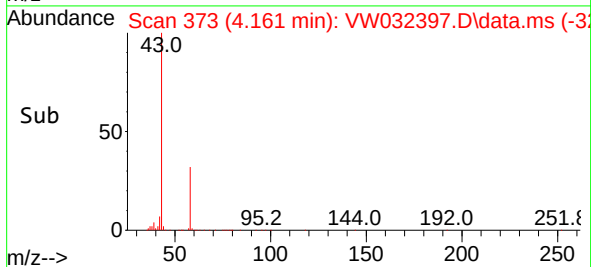
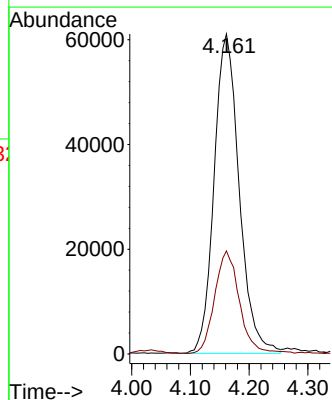
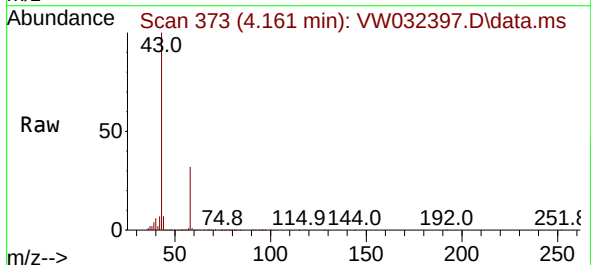
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-000102-20251017

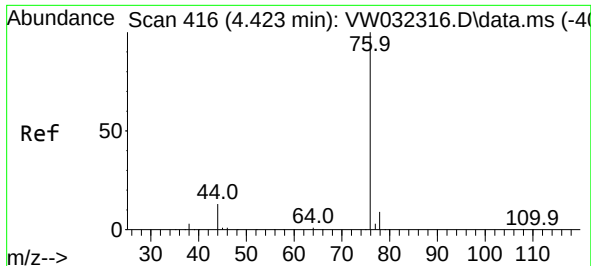
Tgt Ion:168 Resp: 223455
Ion Ratio Lower Upper
168 100
99 65.9 49.3 73.9



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

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

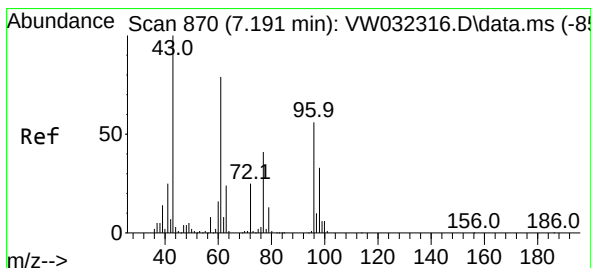
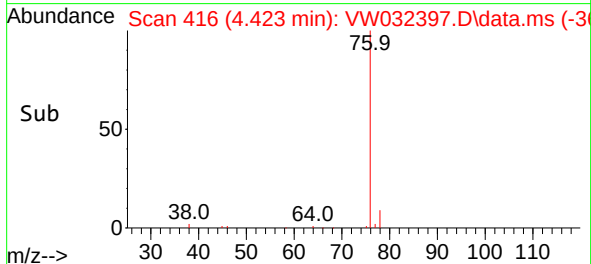
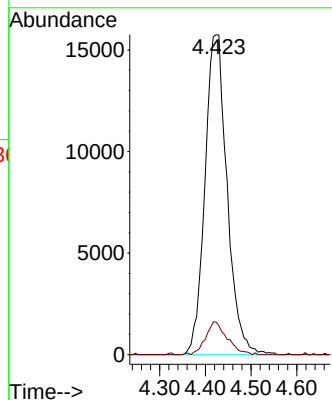
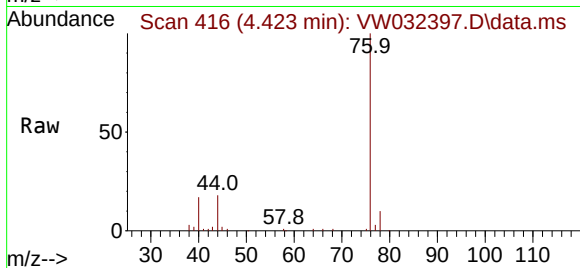




#17
Carbon Disulfide
Concen: 7.724 ug/l
RT: 4.423 min Scan# 416
Delta R.T. 0.000 min
Lab File: VW032397.D
Acq: 20 Oct 2025 18:14

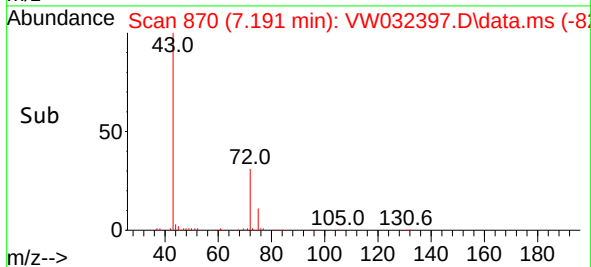
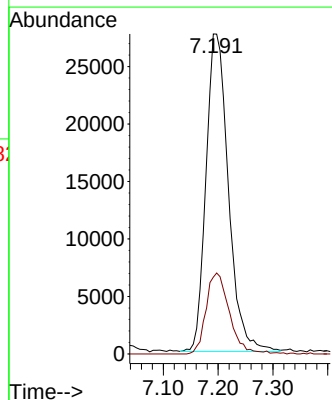
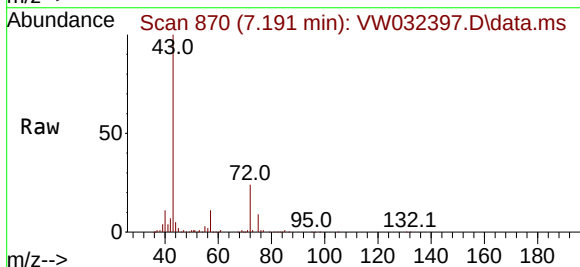
Instrument : MSVOA_W
ClientSampleId : PR132-S07-000102-20251017

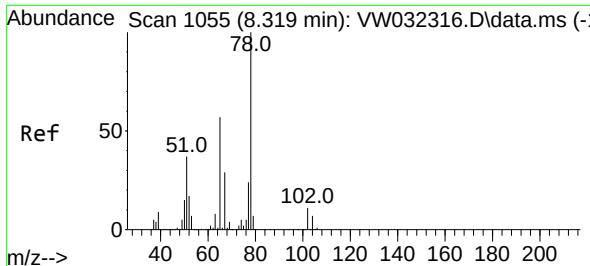
Tgt Ion: 76 Resp: 53078
Ion Ratio Lower Upper
76 100
78 10.2 7.0 10.6



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

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

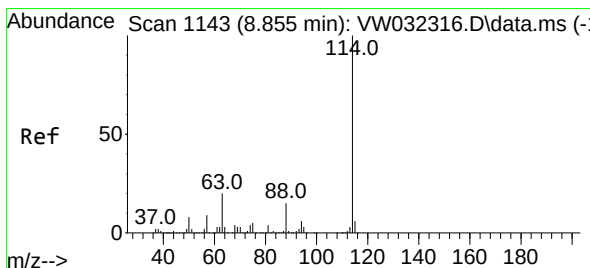
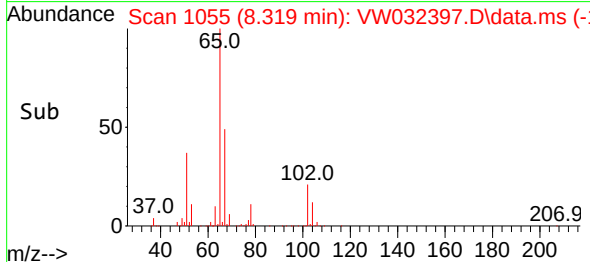
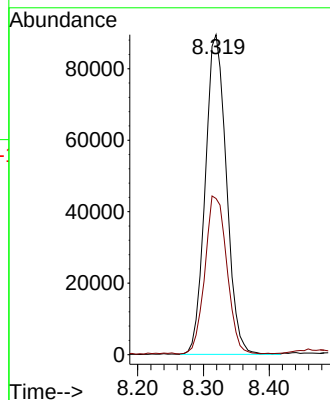
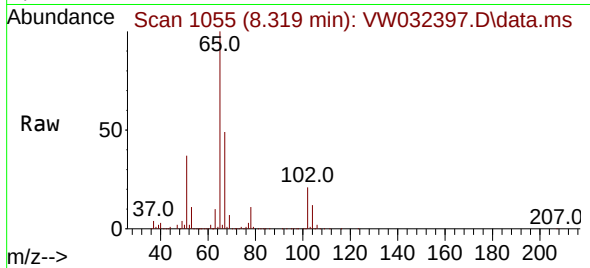




#33
 1,2-Dichloroethane-d4
 Concen: 61.327 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW032397.D
 Acq: 20 Oct 2025 18:14

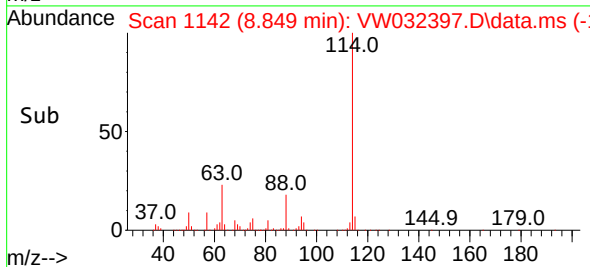
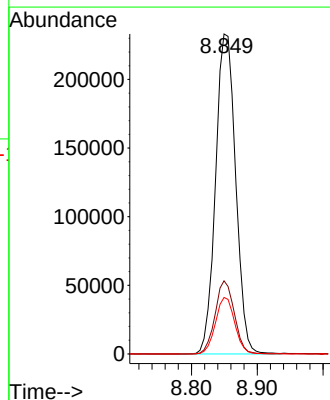
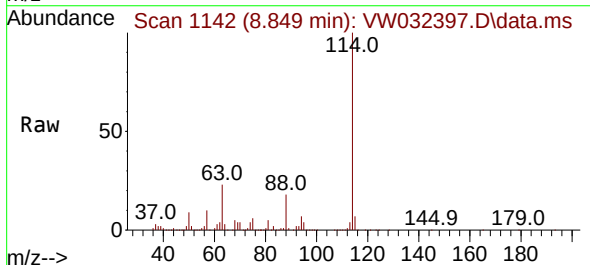
Instrument :
 MSVOA_W
 ClientSampleId :
 PR132-S07-000102-20251017

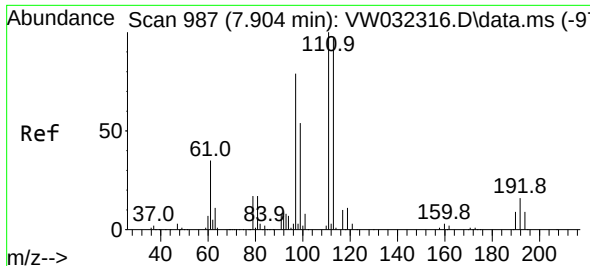
Tgt Ion: 65 Resp: 199880
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 99.6



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

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

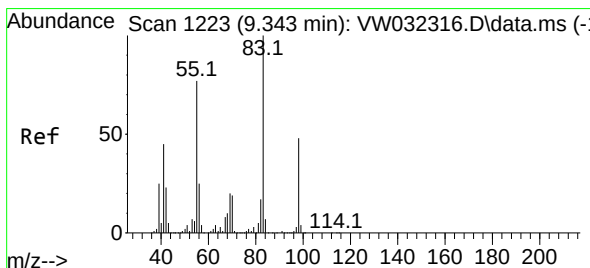
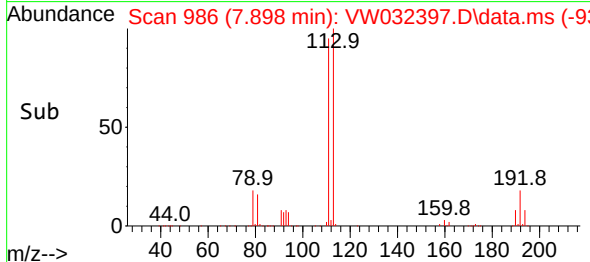
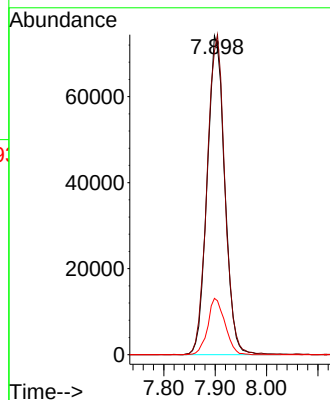
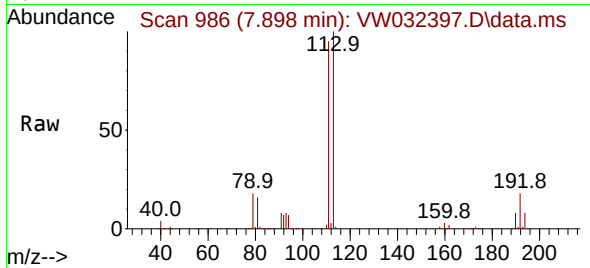




#35
 Dibromofluoromethane
 Concen: 54.962 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW032397.D
 Acq: 20 Oct 2025 18:14

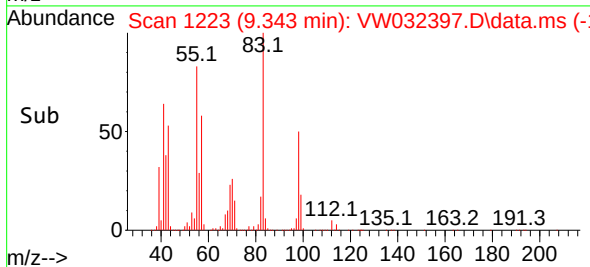
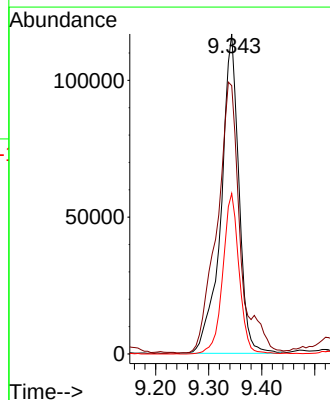
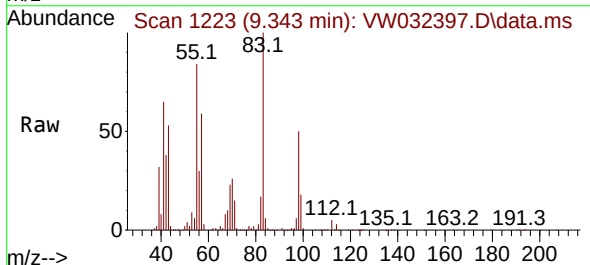
Instrument :
 MSVOA_W
 ClientSampleId :
 PR132-S07-000102-20251017

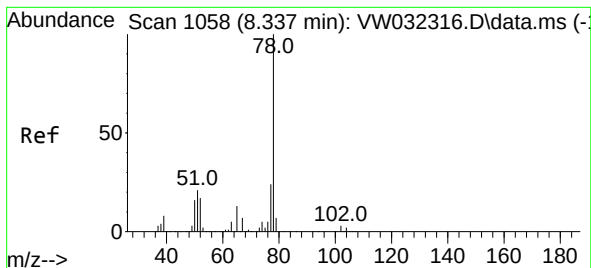
Tgt Ion:113 Resp: 176402
 Ion Ratio Lower Upper
 113 100
 111 101.5 83.9 125.9
 192 17.3 14.6 21.8



#39
 Methylcyclohexane
 Concen: 49.989 ug/l
 RT: 9.343 min Scan# 1223
 Delta R.T. 0.000 min
 Lab File: VW032397.D
 Acq: 20 Oct 2025 18:14

Tgt Ion: 83 Resp: 273121
 Ion Ratio Lower Upper
 83 100
 55 83.7 58.4 87.6
 98 50.2 39.4 59.2





#40

Benzene

Concen: 3.099 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW032397.D

Acq: 20 Oct 2025 18:14

Instrument :

MSVOA_W

ClientSampleId :

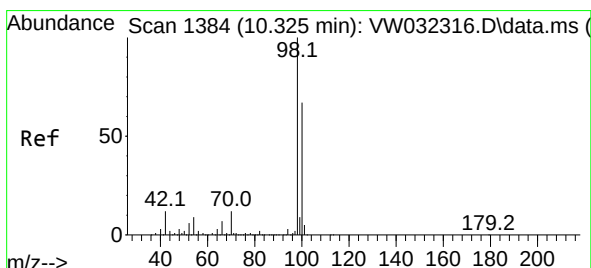
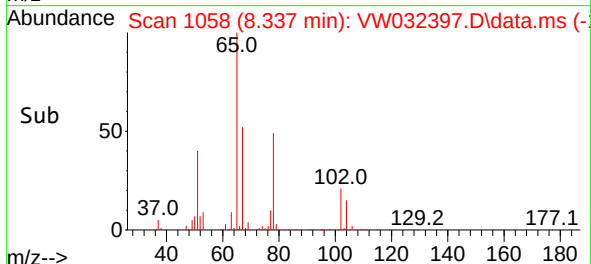
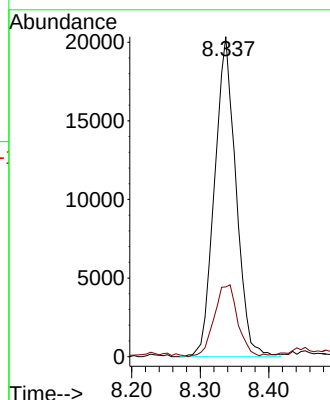
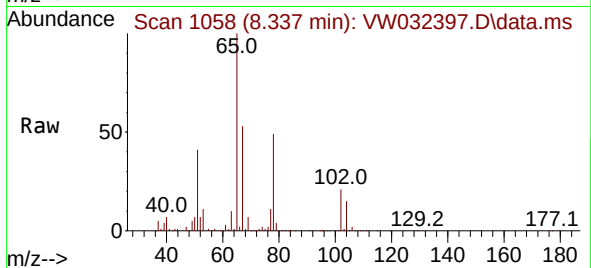
PR132-S07-000102-20251017

Tgt Ion: 78 Resp: 44000

Ion Ratio Lower Upper

78 100

77 21.3 20.7 31.1



#50

Toluene-d8

Concen: 58.174 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW032397.D

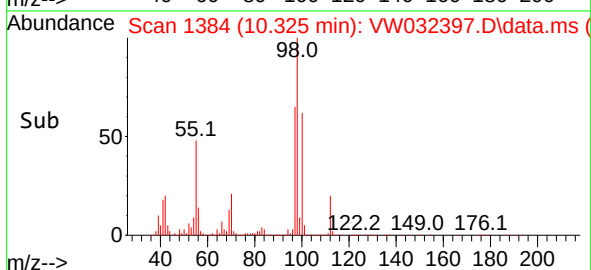
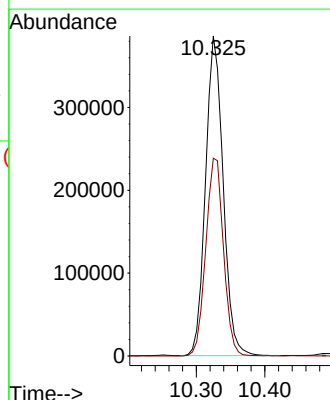
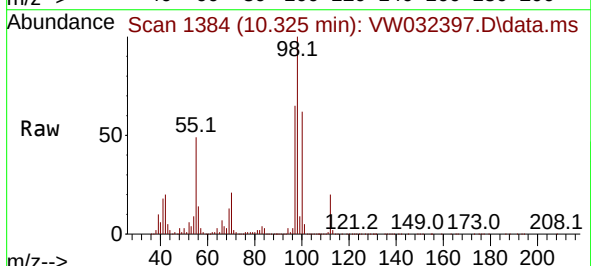
Acq: 20 Oct 2025 18:14

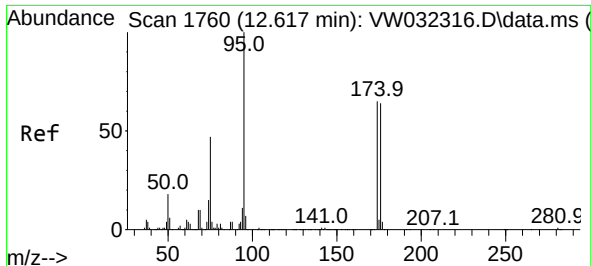
Tgt Ion: 98 Resp: 689108

Ion Ratio Lower Upper

98 100

100 62.3 51.4 77.2

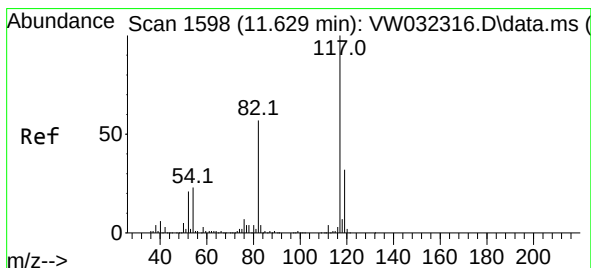
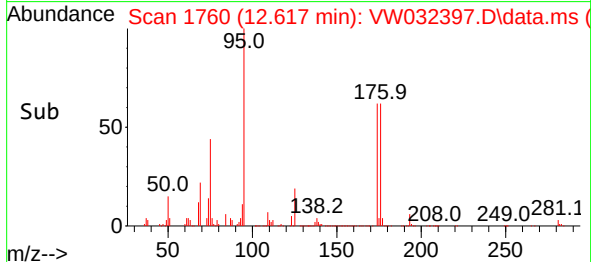
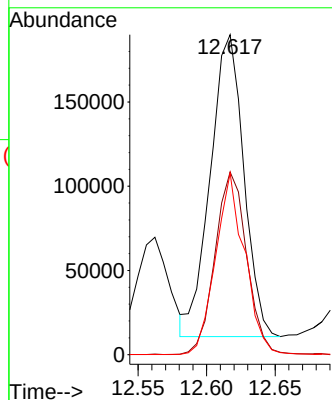
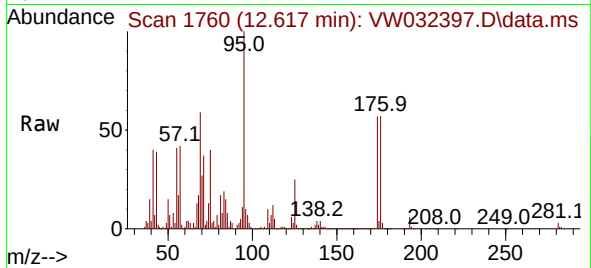




#62
4-Bromofluorobenzene
Concen: 68.001 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032397.D
Acq: 20 Oct 2025 18:14

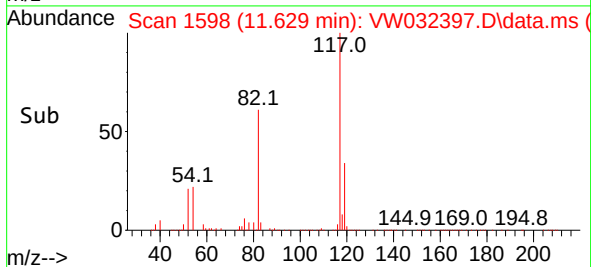
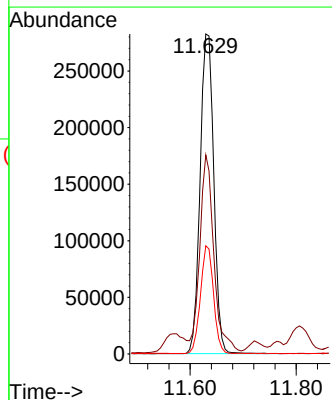
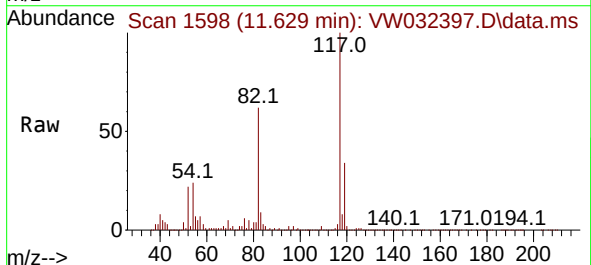
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-000102-20251017

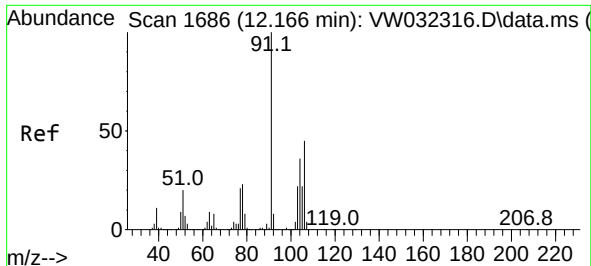
Tgt Ion: 95 Resp: 304455
Ion Ratio Lower Upper
95 100
174 57.6 0.0 145.6
176 52.4 0.0 140.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VW032397.D
Acq: 20 Oct 2025 18:14

Tgt Ion: 117 Resp: 505431
Ion Ratio Lower Upper
117 100
82 58.5 42.7 64.1
119 33.7 25.2 37.8

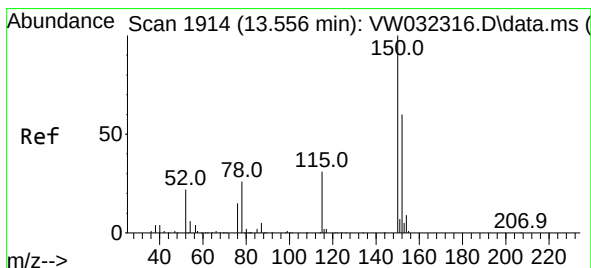
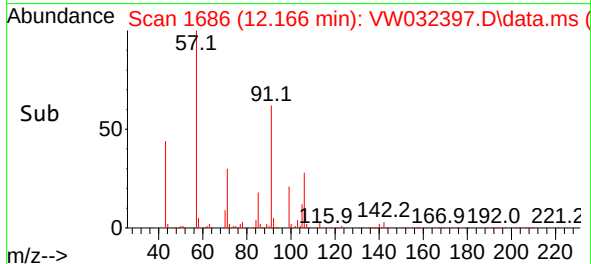
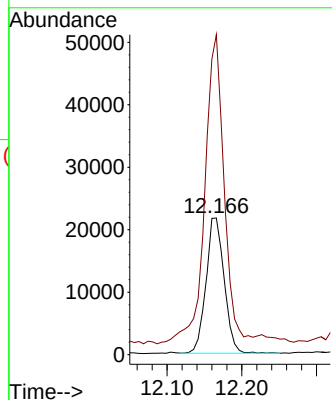
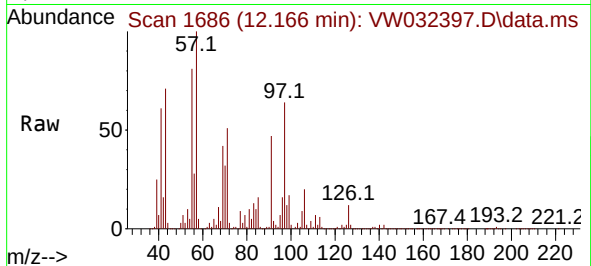




#69
o-Xylene
Concen: 5.462 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032397.D
Acq: 20 Oct 2025 18:14

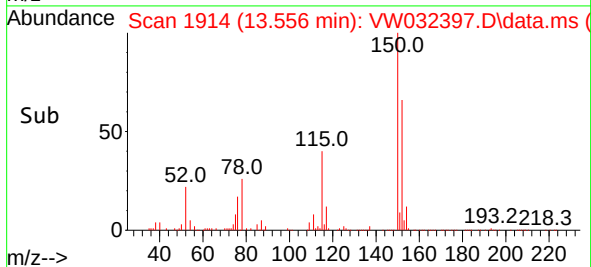
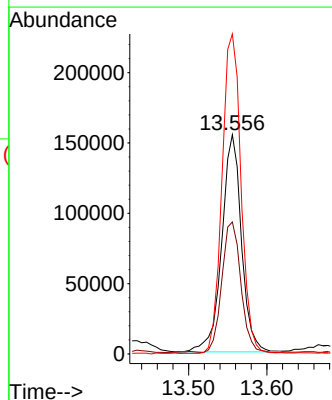
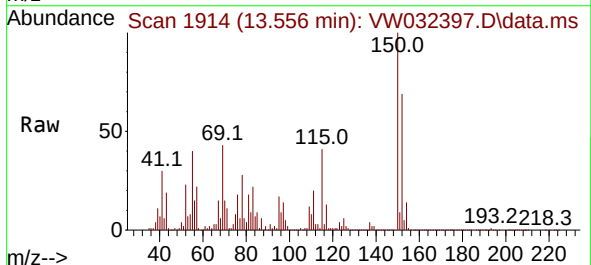
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-000102-20251017

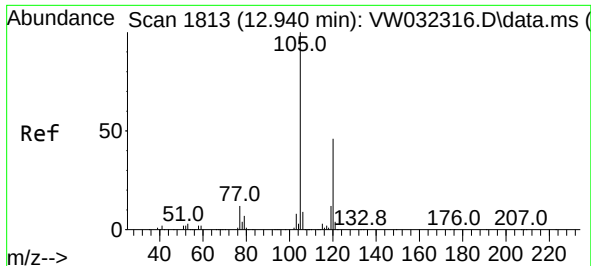
Tgt Ion:106 Resp: 36513
Ion Ratio Lower Upper
106 100
91 243.2 108.7 326.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032397.D
Acq: 20 Oct 2025 18:14

Tgt Ion:152 Resp: 270145
Ion Ratio Lower Upper
152 100
115 57.9 31.8 95.4
150 141.5 0.0 343.0

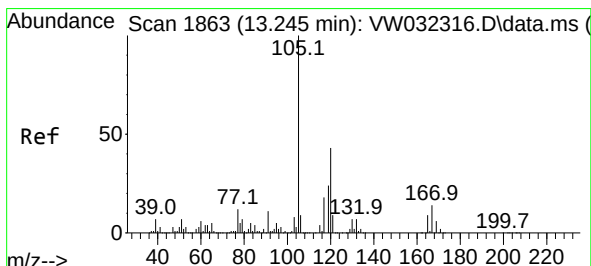
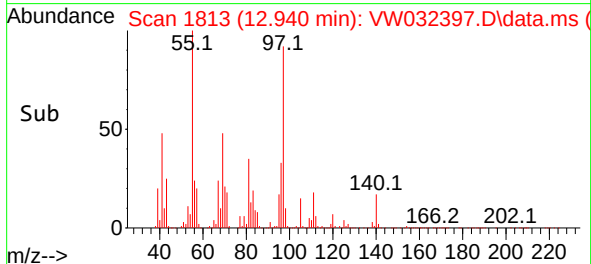
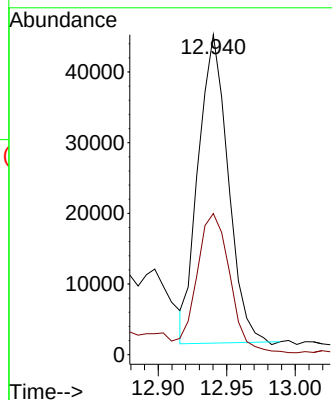
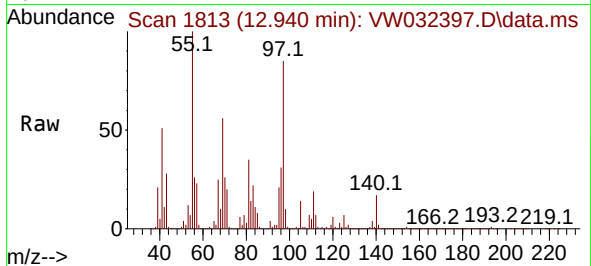




#80
1,3,5-Trimethylbenzene
Concen: 4.128 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032397.D
Acq: 20 Oct 2025 18:14

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

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



#84
1,2,4-Trimethylbenzene
Concen: 4.764 ug/l
RT: 13.251 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VW032397.D
Acq: 20 Oct 2025 18:14

Tgt Ion:105 Resp: 77416
Ion Ratio Lower Upper
105 100
120 45.3 22.1 66.3

