

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
 Data File : VW032385.D
 Acq On : 20 Oct 2025 13:50
 Operator : SY/MD
 Sample : Q3375-03
 Misc : 5.09g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PR132-S05-000057-20251016

Quant Time: Oct 21 01:26:31 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)

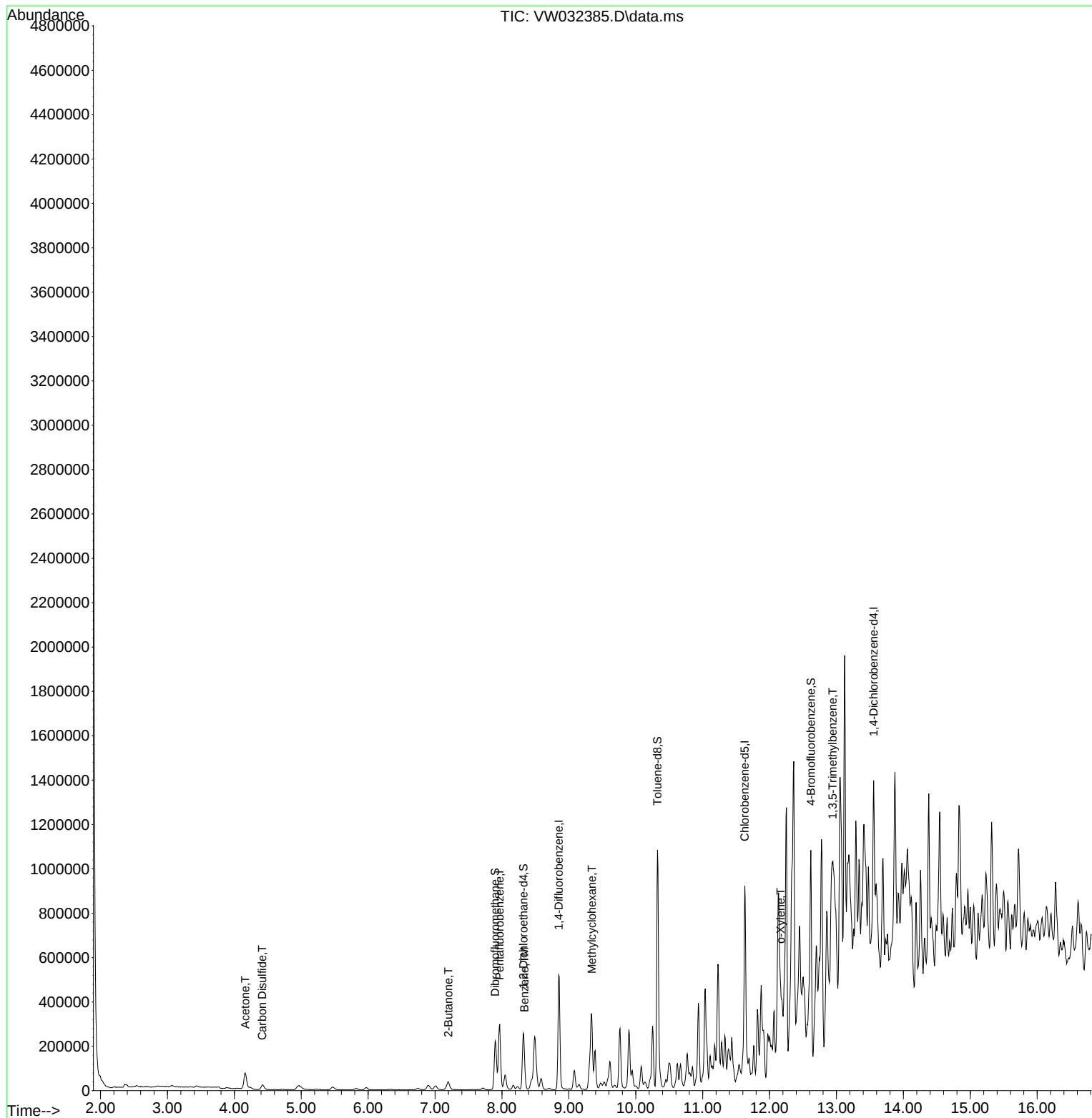
Internal Standards						
1) Pentafluorobenzene	7.965	168	183471	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	434639	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	460571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	221559	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	193822	72.429	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 144.860%	
35) Dibromofluoromethane	7.898	113	165721	58.876	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 117.760%	
50) Toluene-d8	10.325	98	616419	59.336	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 118.680%	
62) 4-Bromofluorobenzene	12.617	95	250023	63.674	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 127.340%	
Target Compounds						
					Qvalue	
16) Acetone	4.161	43	135620	183.029	ug/l	96
17) Carbon Disulfide	4.417	76	50963	9.033	ug/l	96
25) 2-Butanone	7.197	43	51481	51.013	ug/l	94
39) Methylcyclohexane	9.343	83	88897	18.552	ug/l #	82
40) Benzene	8.337	78	38535	3.095	ug/l	94
69) o-Xylene	12.166	106	39936	6.556	ug/l	91
80) 1,3,5-Trimethylbenzene	12.940	105	41327	3.153	ug/l	97

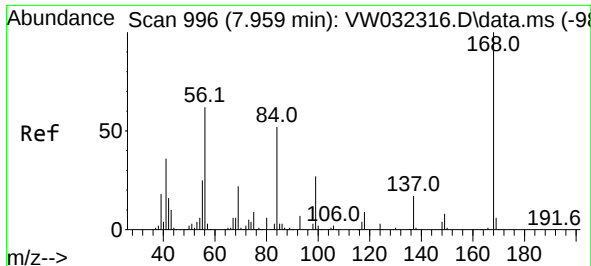
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
Data File : VW032385.D
Acq On : 20 Oct 2025 13:50
Operator : SY/MD
Sample : Q3375-03
Misc : 5.09g/5mL/MSVOA_W/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
PR132-S05-000057-20251016

Quant Time: Oct 21 01:26:31 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

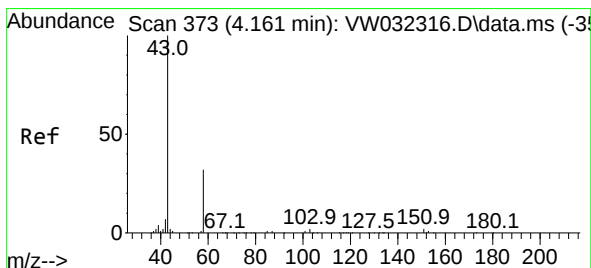
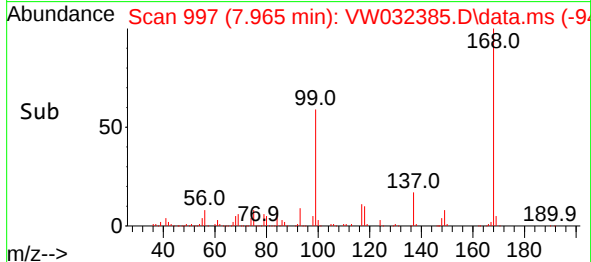
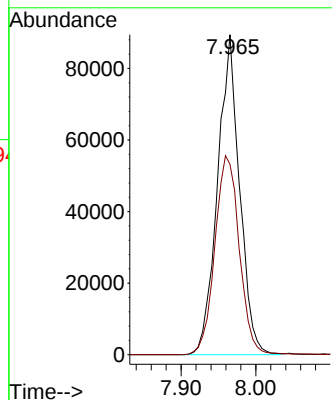
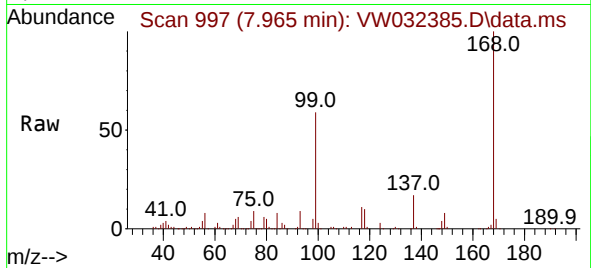




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW032385.D
Acq: 20 Oct 2025 13:50

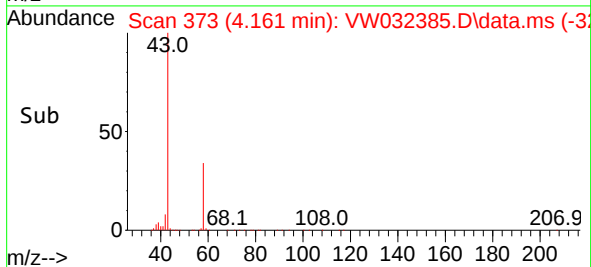
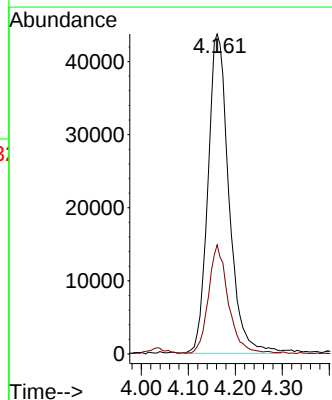
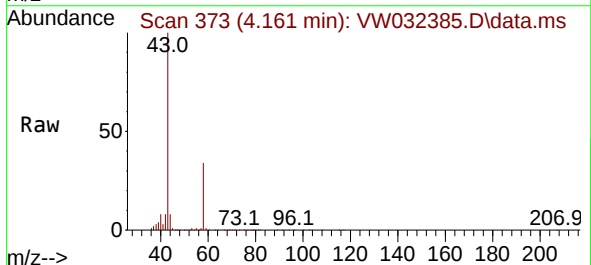
Instrument :
MSVOA_W
ClientSampleId :
PR132-S05-000057-20251016

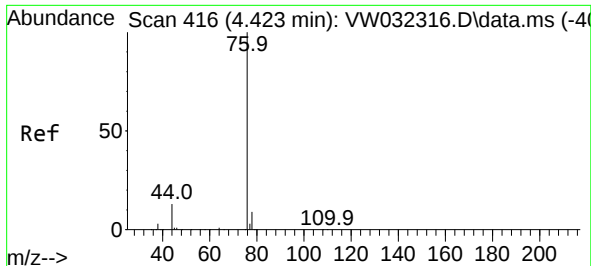
Tgt Ion:168 Resp: 183471
Ion Ratio Lower Upper
168 100
99 59.5 49.3 73.9



#16
Acetone
Concen: 183.029 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032385.D
Acq: 20 Oct 2025 13:50

Tgt Ion: 43 Resp: 135620
Ion Ratio Lower Upper
43 100
58 33.9 25.3 37.9

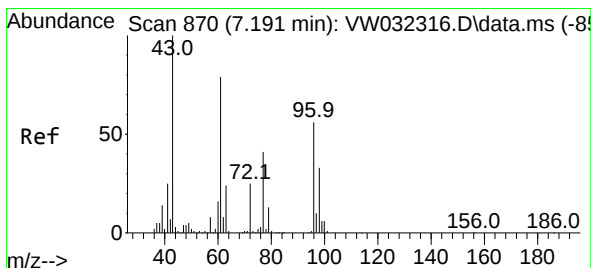
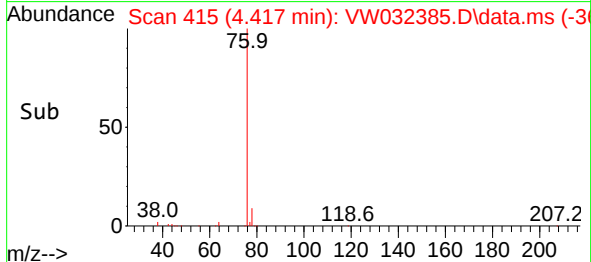
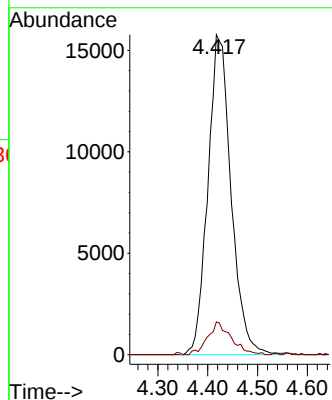
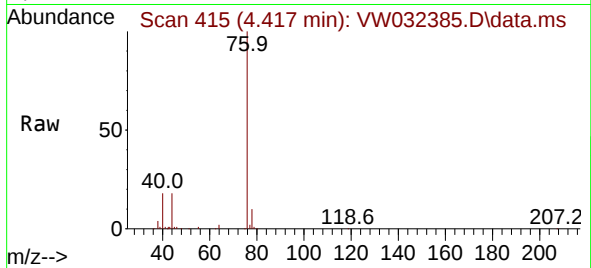




#17
Carbon Disulfide
Concen: 9.033 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW032385.D
Acq: 20 Oct 2025 13:50

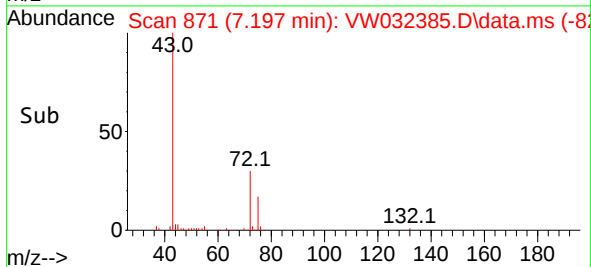
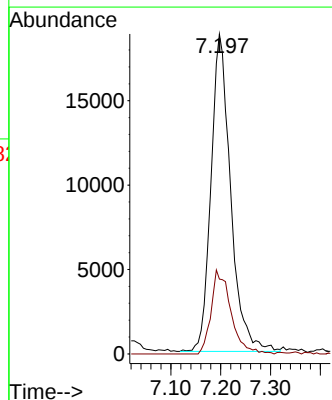
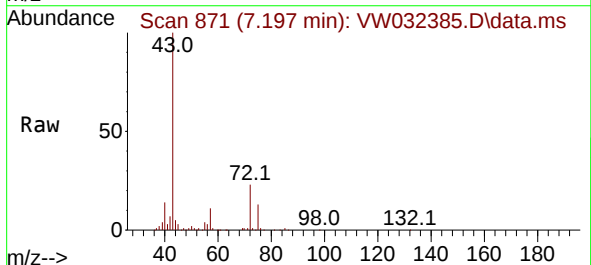
Instrument :
MSVOA_W
ClientSampleId :
PR132-S05-000057-20251016

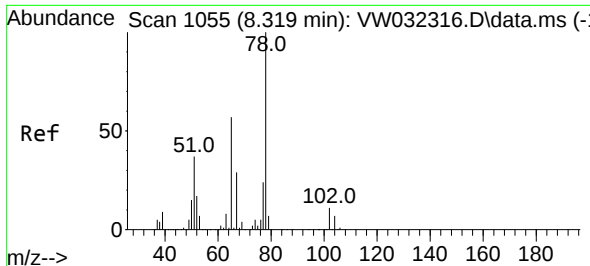
Tgt Ion: 76 Resp: 50963
Ion Ratio Lower Upper
76 100
78 10.3 7.0 10.6



#25
2-Butanone
Concen: 51.013 ug/l
RT: 7.197 min Scan# 871
Delta R.T. 0.006 min
Lab File: VW032385.D
Acq: 20 Oct 2025 13:50

Tgt Ion: 43 Resp: 51481
Ion Ratio Lower Upper
43 100
72 23.6 21.4 32.2

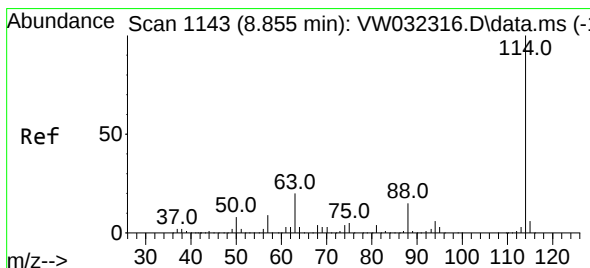
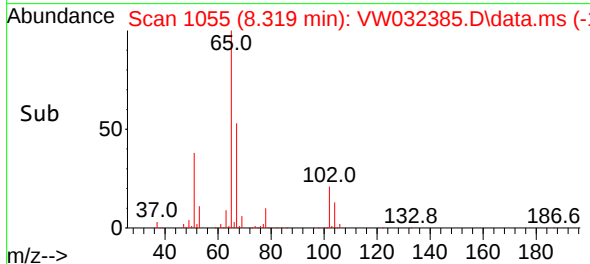
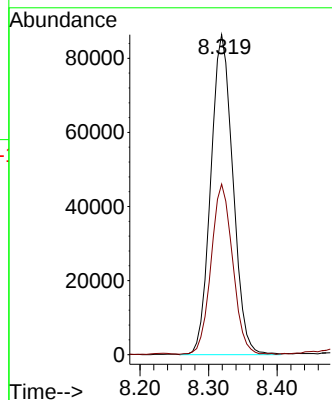
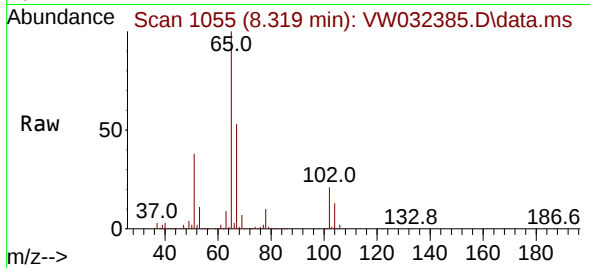




#33
 1,2-Dichloroethane-d4
 Concen: 72.429 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW032385.D
 Acq: 20 Oct 2025 13:50

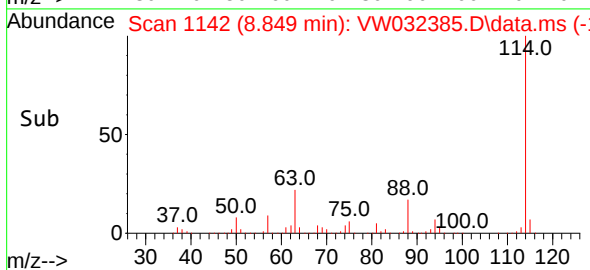
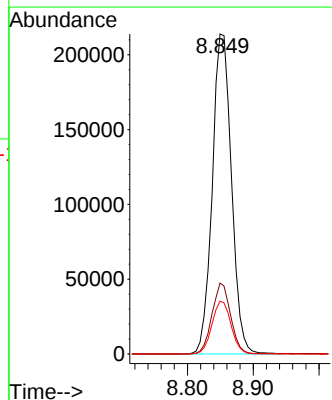
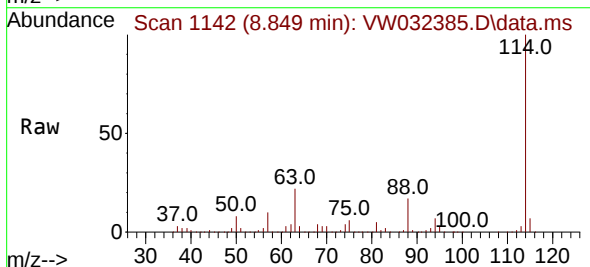
Instrument :
 MSVOA_W
 ClientSampleId :
 PR132-S05-000057-20251016

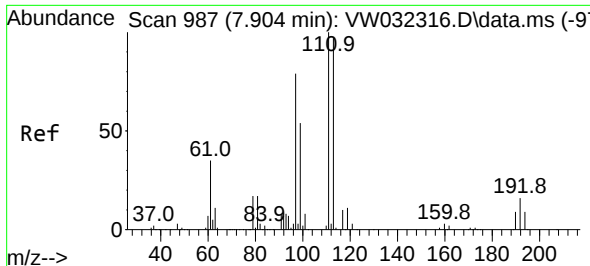
Tgt Ion: 65 Resp: 193822
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW032385.D
 Acq: 20 Oct 2025 13:50

Tgt Ion: 114 Resp: 434639
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 40.4
 88 16.5 0.0 32.0

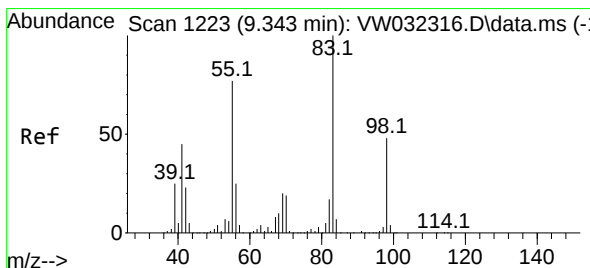
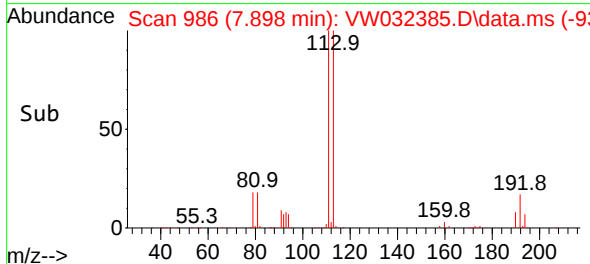
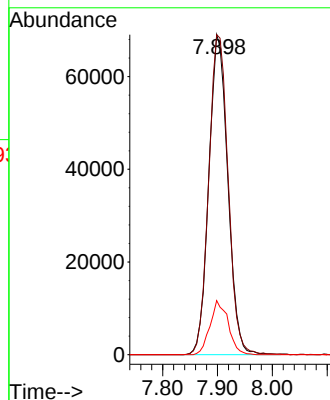
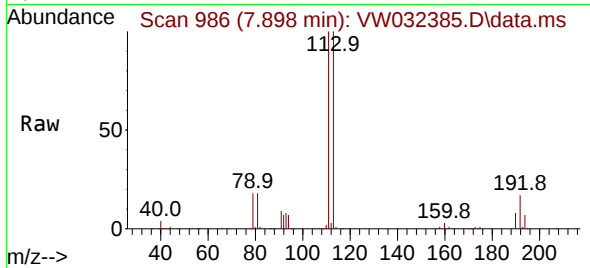




#35
Dibromofluoromethane
Concen: 58.876 ug/l
RT: 7.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW032385.D
Acq: 20 Oct 2025 13:50

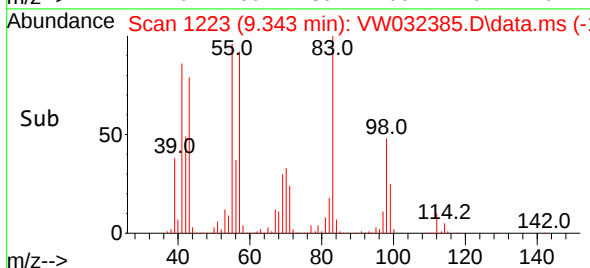
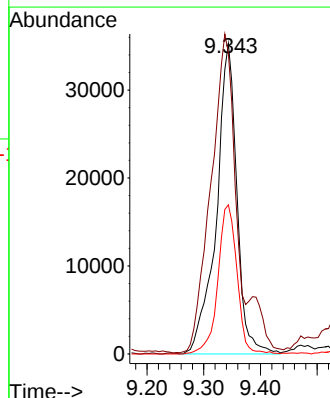
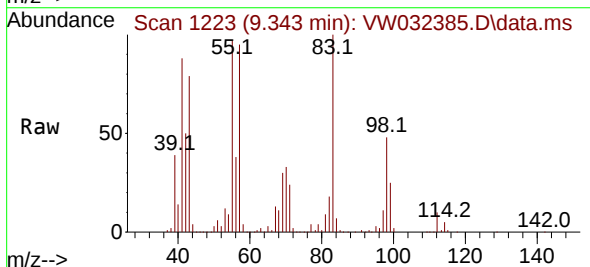
Instrument :
MSVOA_W
ClientSampleId :
PR132-S05-000057-20251016

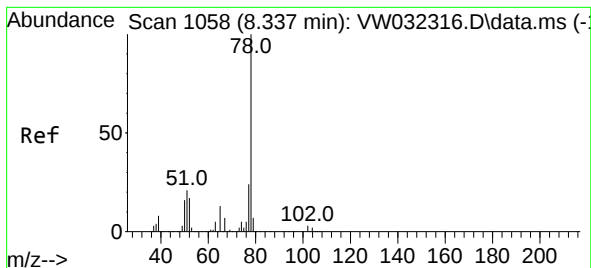
Tgt Ion:113 Resp: 165721
Ion Ratio Lower Upper
113 100
111 102.2 83.9 125.9
192 16.2 14.6 21.8



#39
Methylcyclohexane
Concen: 18.552 ug/l
RT: 9.343 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VW032385.D
Acq: 20 Oct 2025 13:50

Tgt Ion: 83 Resp: 88897
Ion Ratio Lower Upper
83 100
55 96.6 58.4 87.6#
98 48.0 39.4 59.2





#40

Benzene

Concen: 3.095 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW032385.D

Acq: 20 Oct 2025 13:50

Instrument :

MSVOA_W

ClientSampleId :

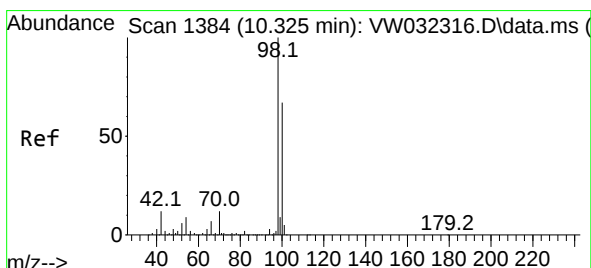
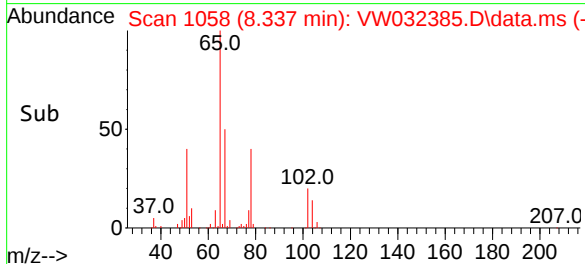
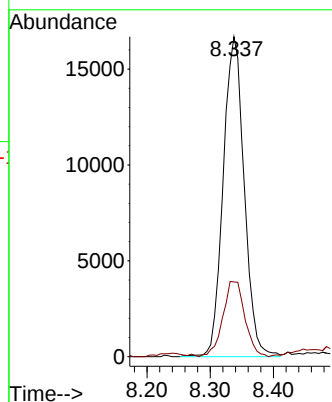
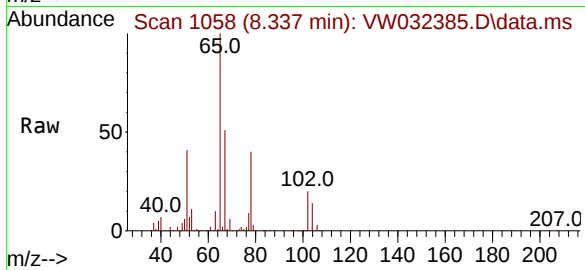
PR132-S05-000057-20251016

Tgt Ion: 78 Resp: 38535

Ion Ratio Lower Upper

78 100

77 22.9 20.7 31.1



#50

Toluene-d8

Concen: 59.336 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW032385.D

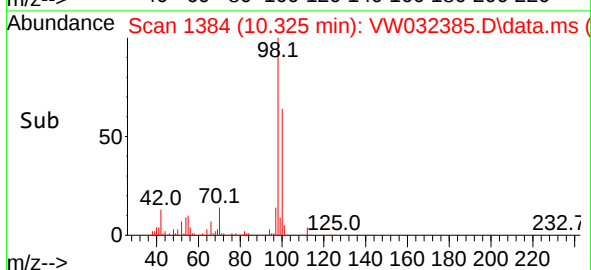
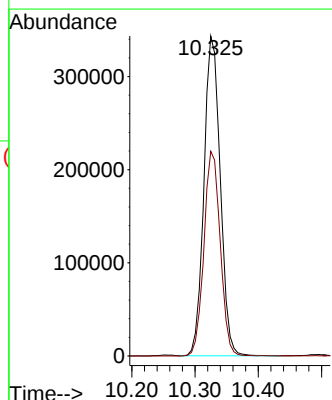
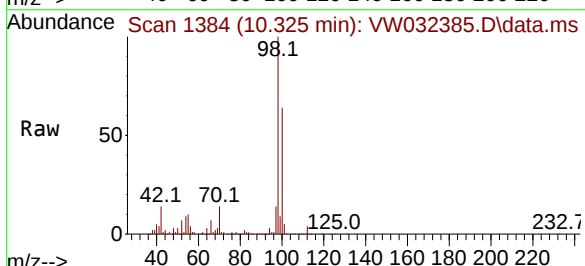
Acq: 20 Oct 2025 13:50

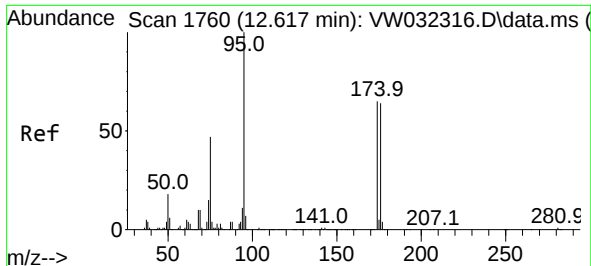
Tgt Ion: 98 Resp: 616419

Ion Ratio Lower Upper

98 100

100 63.9 51.4 77.2

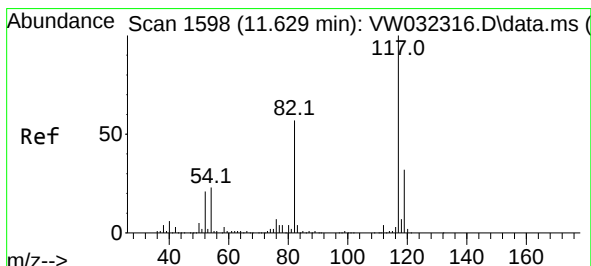
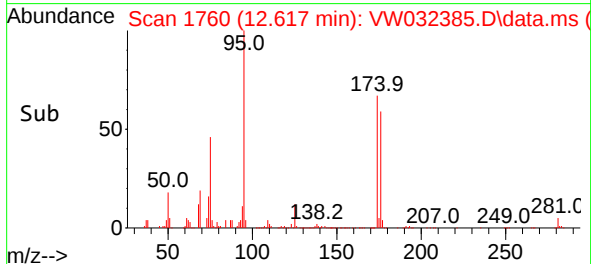
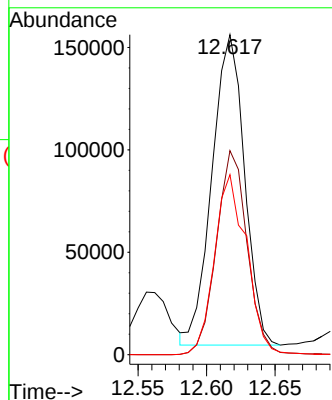
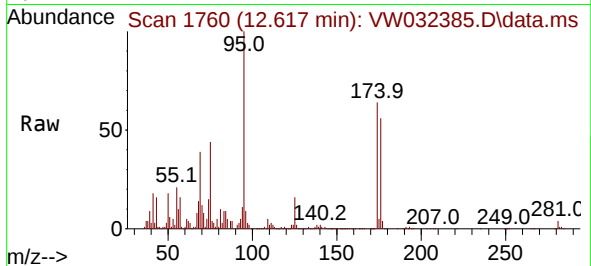




#62
4-Bromofluorobenzene
Concen: 63.674 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032385.D
Acq: 20 Oct 2025 13:50

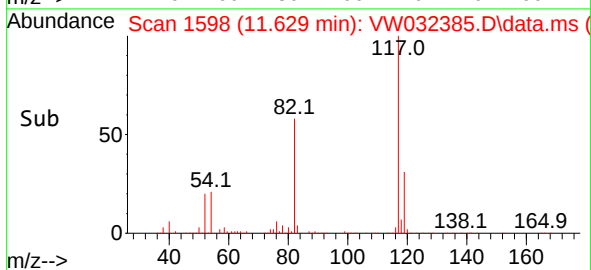
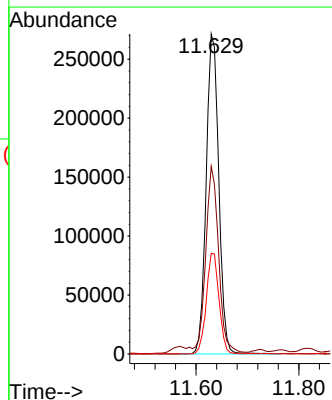
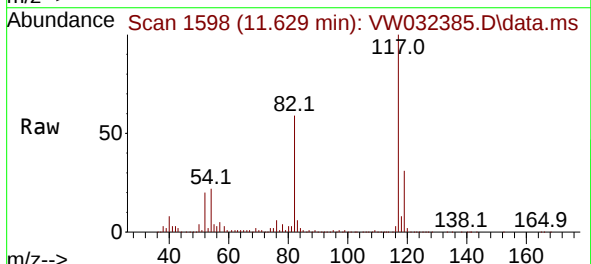
Instrument :
MSVOA_W
ClientSampleId :
PR132-S05-000057-20251016

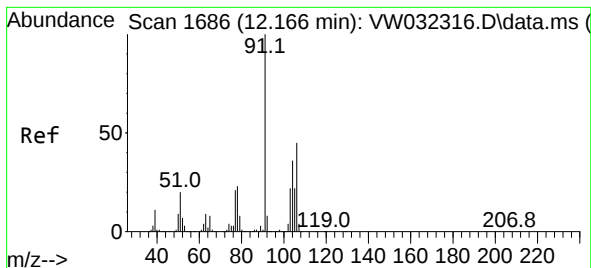
Tgt Ion: 95 Resp: 250023
Ion Ratio Lower Upper
95 100
174 62.6 0.0 145.6
176 57.4 0.0 140.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VW032385.D
Acq: 20 Oct 2025 13:50

Tgt Ion: 117 Resp: 460571
Ion Ratio Lower Upper
117 100
82 57.3 42.7 64.1
119 31.4 25.2 37.8





#69

o-Xylene

Concen: 6.556 ug/l

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032385.D

Acq: 20 Oct 2025 13:50

Instrument :

MSVOA_W

ClientSampleId :

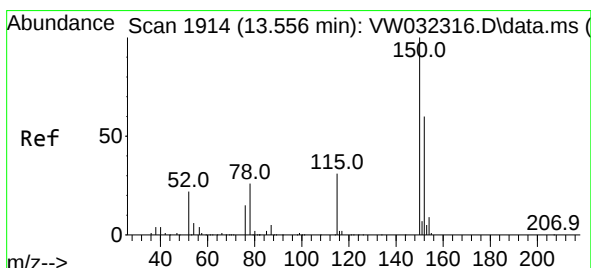
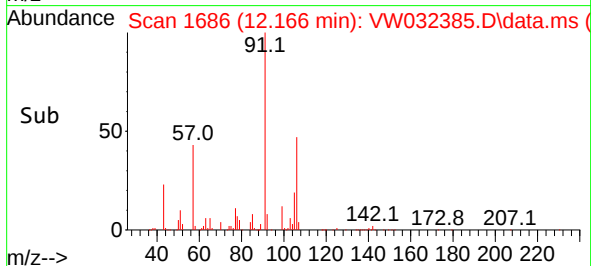
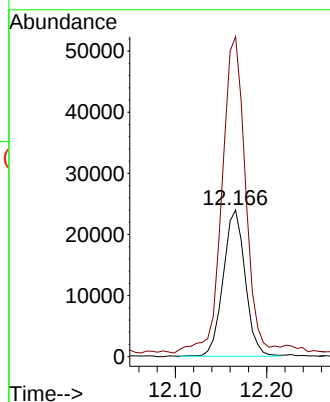
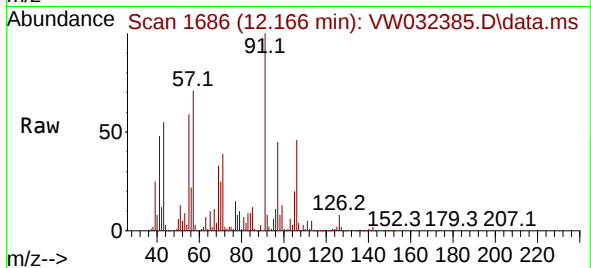
PR132-S05-000057-20251016

Tgt Ion:106 Resp: 39936

Ion Ratio Lower Upper

106 100

91 231.5 108.7 326.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW032385.D

Acq: 20 Oct 2025 13:50

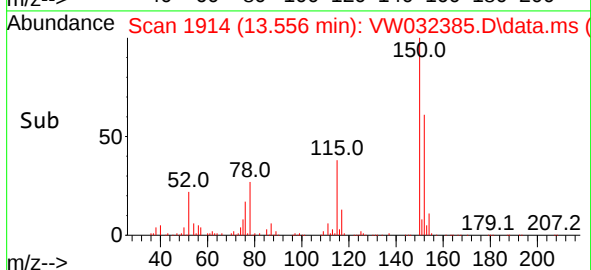
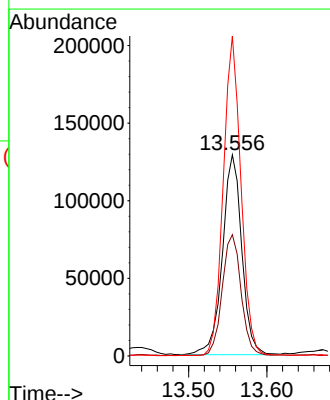
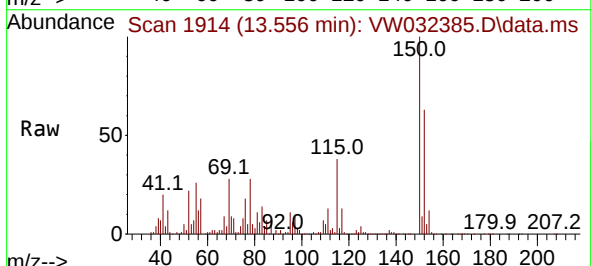
Tgt Ion:152 Resp: 221559

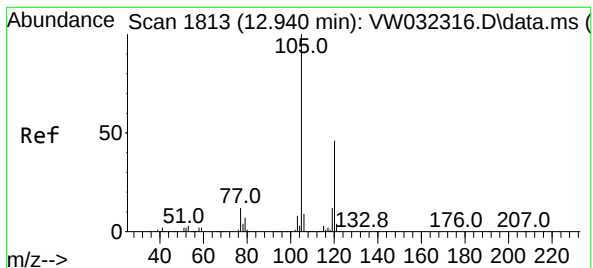
Ion Ratio Lower Upper

152 100

115 58.3 31.8 95.4

150 146.6 0.0 343.0





#80
 1,3,5-Trimethylbenzene
 Concen: 3.153 ug/l
 RT: 12.940 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW032385.D
 Acq: 20 Oct 2025 13:50

Instrument :
 MSVOA_W
 ClientSampleId :
 PR132-S05-000057-20251016

Tgt Ion:105 Resp: 41327
 Ion Ratio Lower Upper
 105 100
 120 47.6 24.8 74.4

