

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
 Data File : VW032389.D
 Acq On : 20 Oct 2025 15:18
 Operator : SY/MD
 Sample : Q3376-02
 Misc : 5.00g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PR132-DP01-20251016

Quant Time: Oct 21 01:28:47 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)

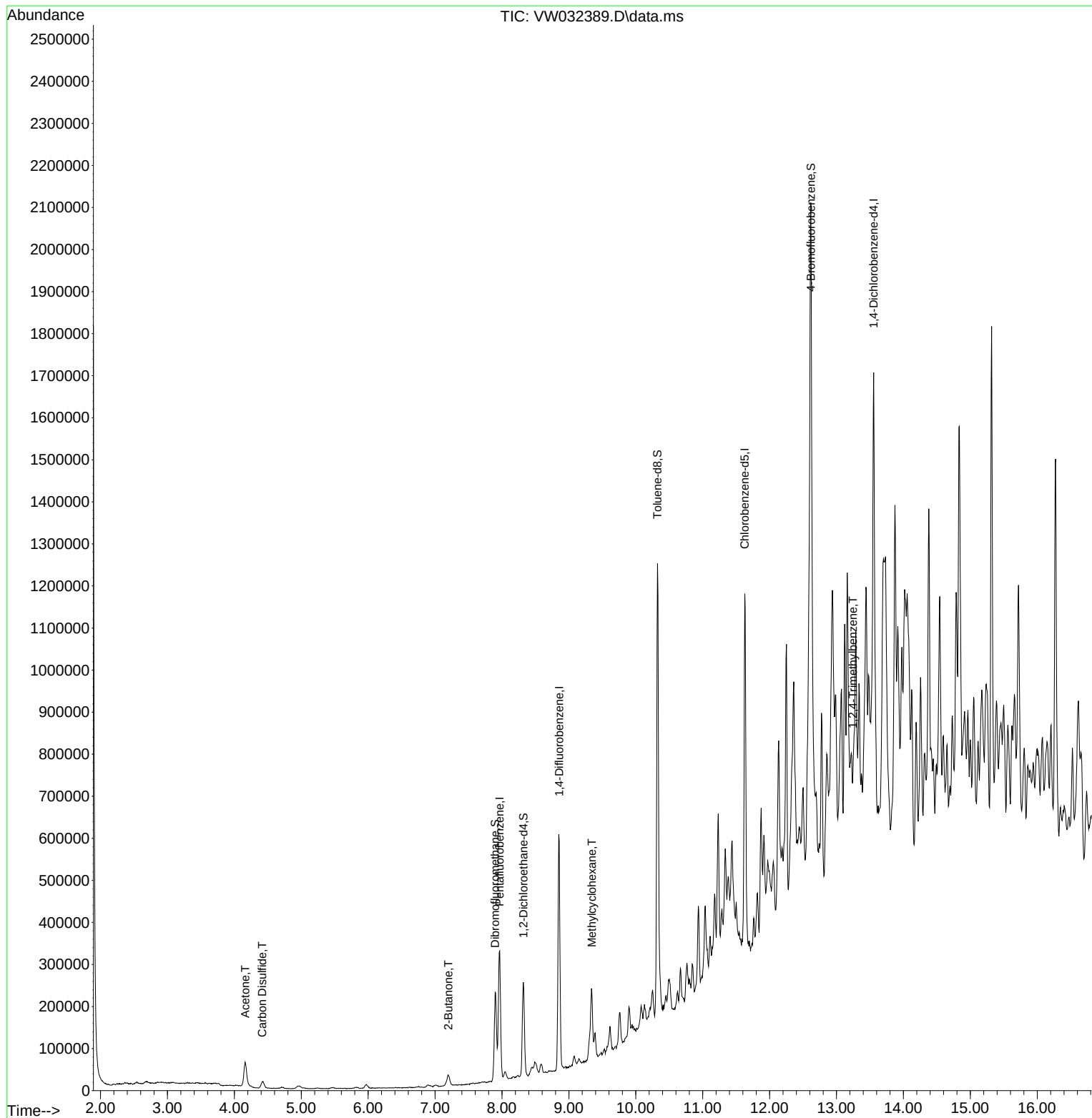
Internal Standards						
1) Pentafluorobenzene	7.965	168	218560	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	472643	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	471497	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	245719	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	189502	59.445	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 118.900%		
35) Dibromofluoromethane	7.898	113	161506	52.764	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 105.520%		
50) Toluene-d8	10.325	98	597945	52.929	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 105.860%		
62) 4-Bromofluorobenzene	12.617	95	501125	117.362	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 234.720%#		
Target Compounds						
					Qvalue	
16) Acetone	4.161	43	108610	123.044	ug/l	95
17) Carbon Disulfide	4.417	76	37815	5.626	ug/l	99
25) 2-Butanone	7.197	43	37566	31.248	ug/l	97
39) Methylcyclohexane	9.343	83	62885	12.069	ug/l	92
84) 1,2,4-Trimethylbenzene	13.245	105	32912	2.227	ug/l	99

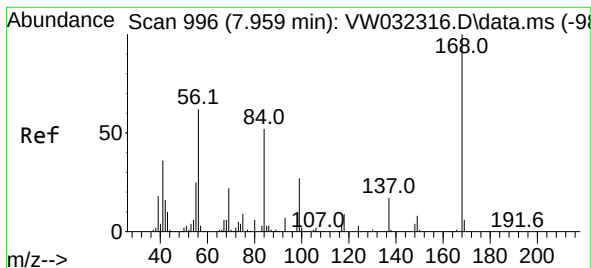
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
Data File : VW032389.D
Acq On : 20 Oct 2025 15:18
Operator : SY/MD
Sample : Q3376-02
Misc : 5.00g/5mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
PR132-DP01-20251016

Quant Time: Oct 21 01:28:47 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# 99

Delta R.T. 0.000 min

Lab File: VW032389.D

Acq: 20 Oct 2025 15:18

Instrument :

MSVOA_W

ClientSampleId :

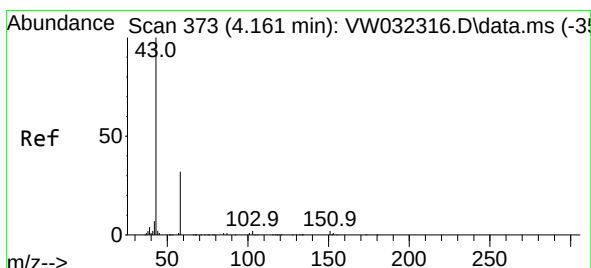
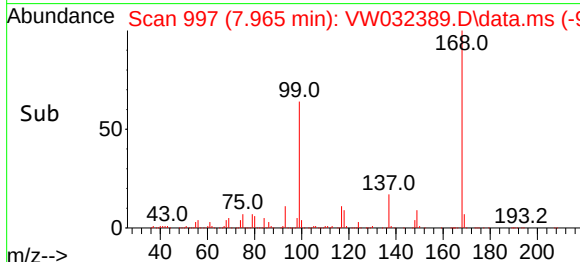
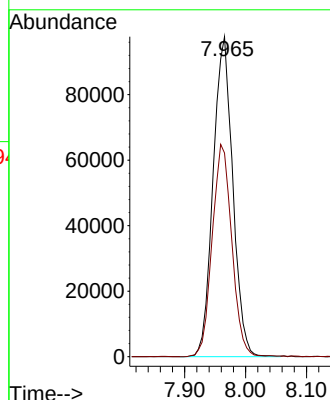
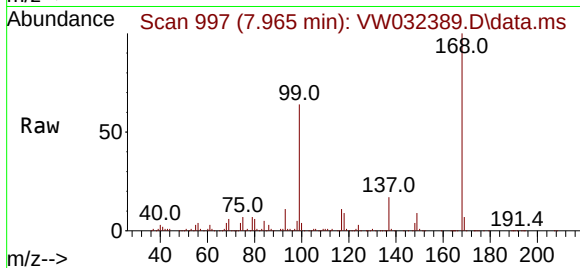
PR132-DP01-20251016

Tgt Ion:168 Resp: 218560

Ion Ratio Lower Upper

168 100

99 63.7 49.3 73.9



#16

Acetone

Concen: 123.044 ug/l

RT: 4.161 min Scan# 373

Delta R.T. -0.000 min

Lab File: VW032389.D

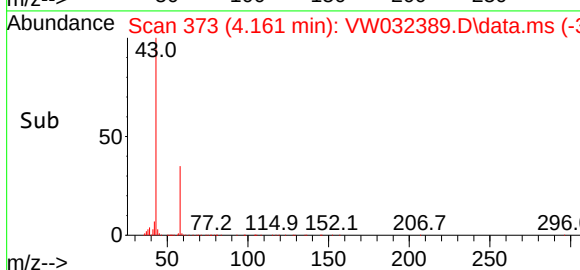
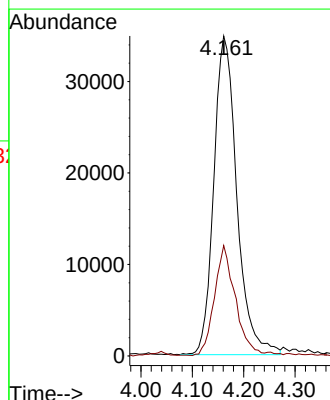
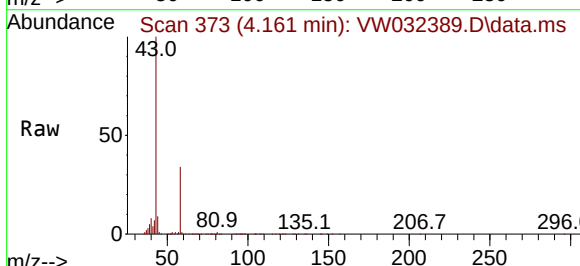
Acq: 20 Oct 2025 15:18

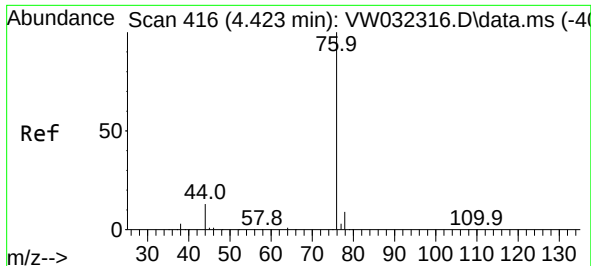
Tgt Ion: 43 Resp: 108610

Ion Ratio Lower Upper

43 100

58 34.4 25.3 37.9

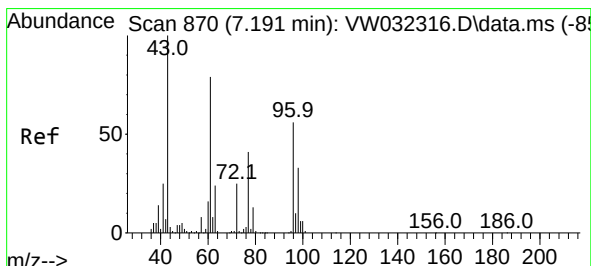
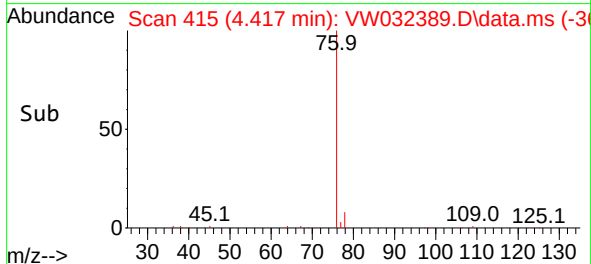
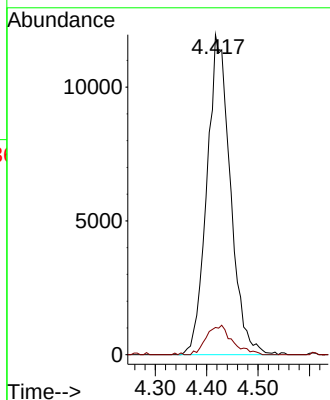
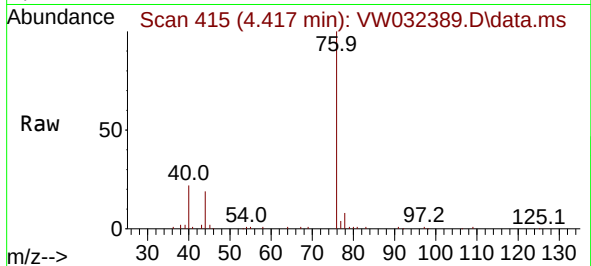




#17
Carbon Disulfide
Concen: 5.626 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW032389.D
Acq: 20 Oct 2025 15:18

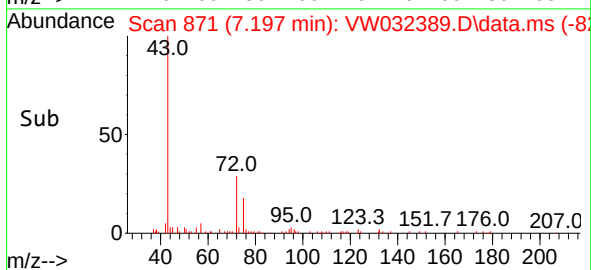
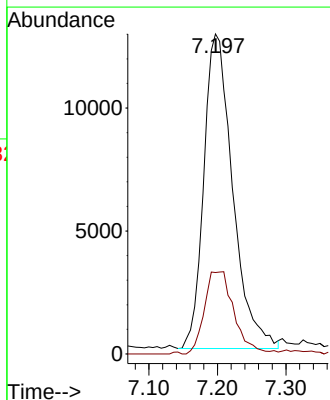
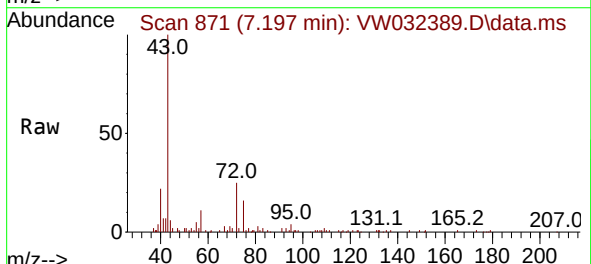
Instrument :
MSVOA_W
ClientSampleId :
PR132-DP01-20251016

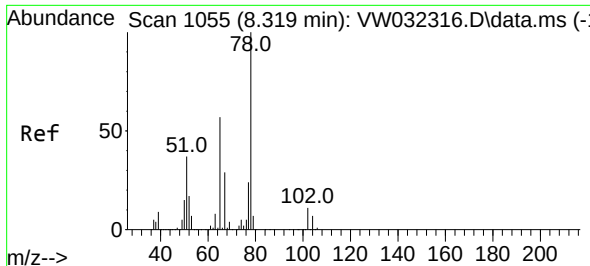
Tgt Ion: 76 Resp: 37815
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.6



#25
2-Butanone
Concen: 31.248 ug/l
RT: 7.197 min Scan# 871
Delta R.T. 0.006 min
Lab File: VW032389.D
Acq: 20 Oct 2025 15:18

Tgt Ion: 43 Resp: 37566
Ion Ratio Lower Upper
43 100
72 25.3 21.4 32.2





#33

1,2-Dichloroethane-d4

Concen: 59.445 ug/l

RT: 8.319 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VW032389.D

Acq: 20 Oct 2025 15:18

Instrument :

MSVOA_W

ClientSampleId :

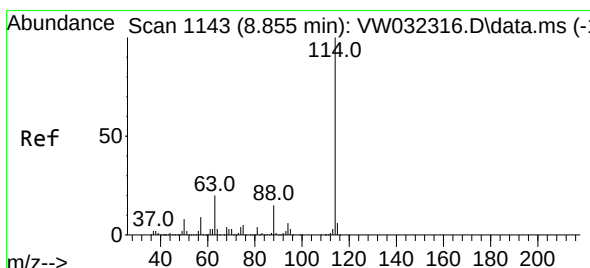
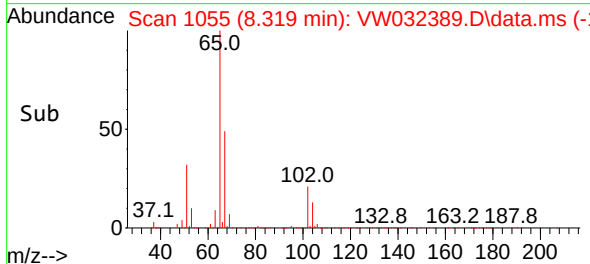
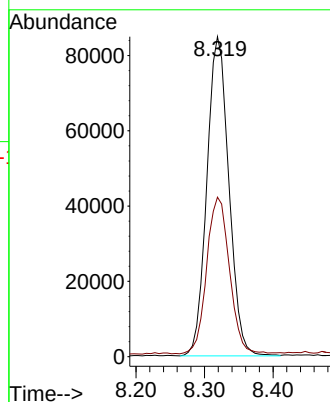
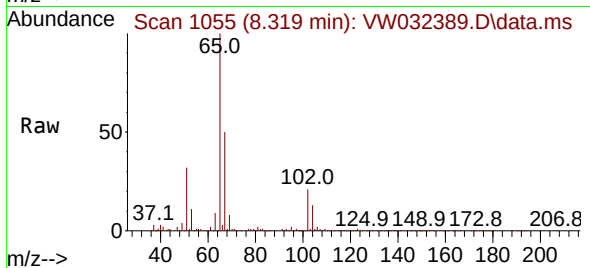
PR132-DP01-20251016

Tgt Ion: 65 Resp: 189502

Ion Ratio Lower Upper

65 100

67 50.7 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: VW032389.D

Acq: 20 Oct 2025 15:18

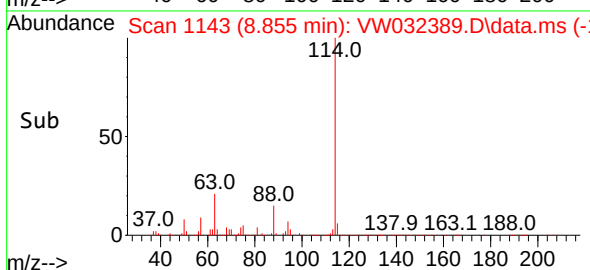
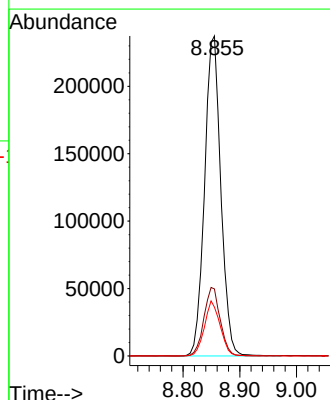
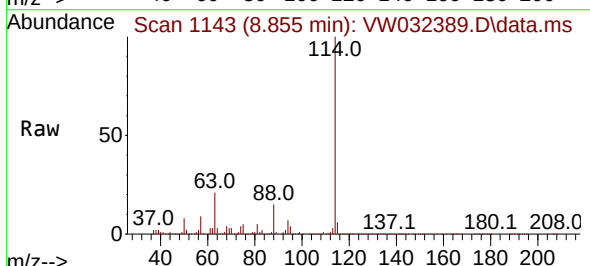
Tgt Ion: 114 Resp: 472643

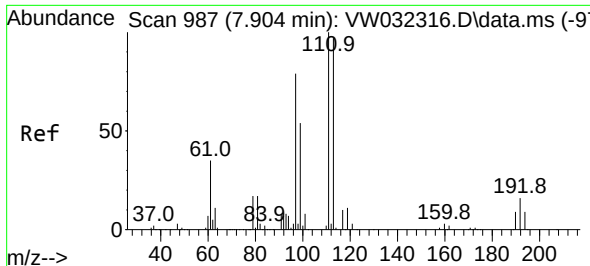
Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.4

88 15.2 0.0 32.0

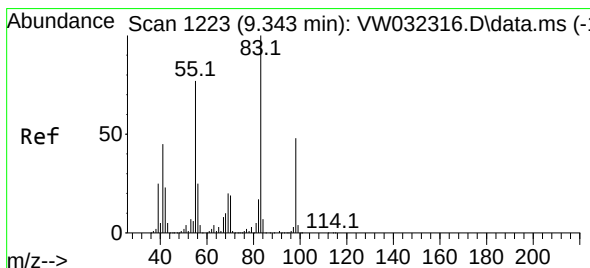
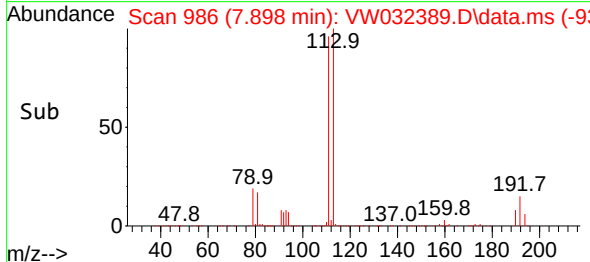
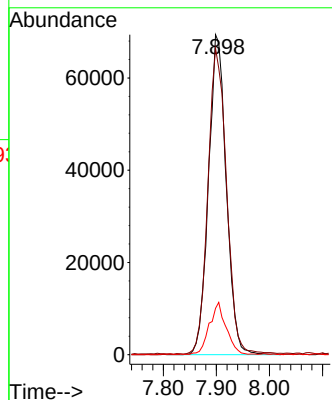
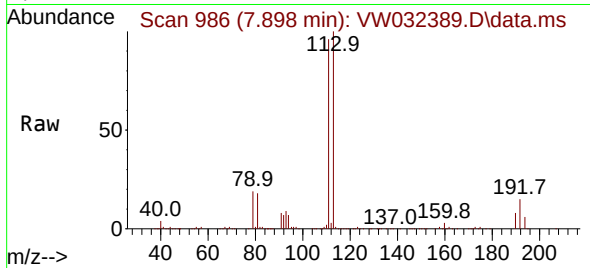




#35
Dibromofluoromethane
Concen: 52.764 ug/l
RT: 7.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW032389.D
Acq: 20 Oct 2025 15:18

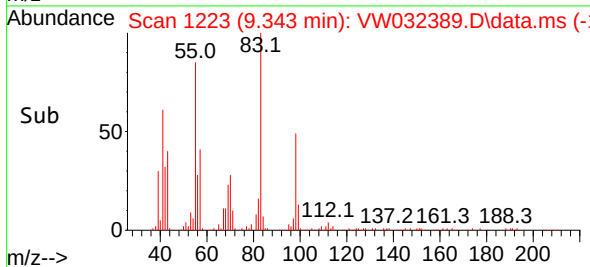
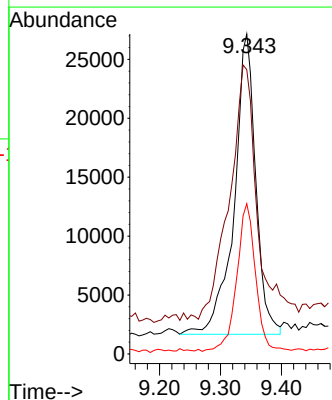
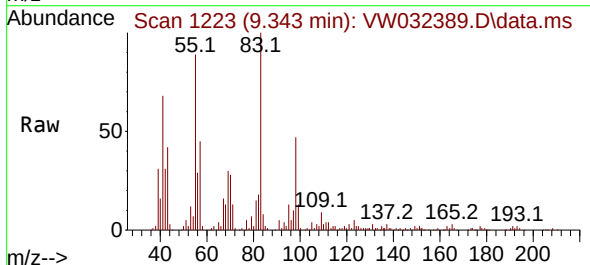
Instrument :
MSVOA_W
ClientSampleId :
PR132-DP01-20251016

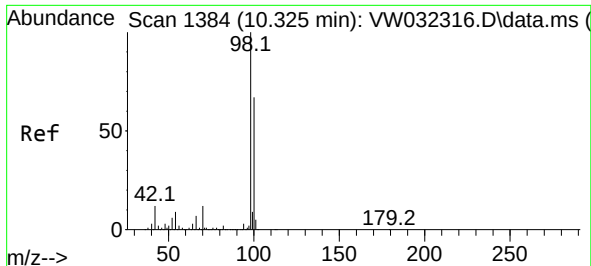
Tgt Ion:113 Resp: 161506
Ion Ratio Lower Upper
113 100
111 100.5 83.9 125.9
192 15.2 14.6 21.8



#39
Methylcyclohexane
Concen: 12.069 ug/l
RT: 9.343 min Scan# 1223
Delta R.T. -0.000 min
Lab File: VW032389.D
Acq: 20 Oct 2025 15:18

Tgt Ion: 83 Resp: 62885
Ion Ratio Lower Upper
83 100
55 83.5 58.4 87.6
98 48.3 39.4 59.2

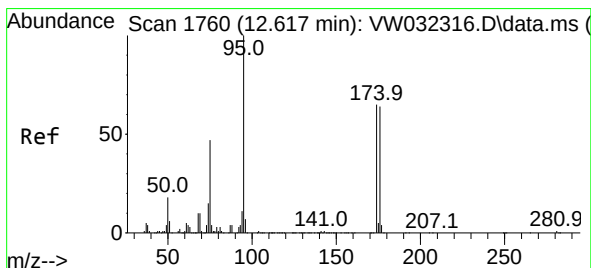
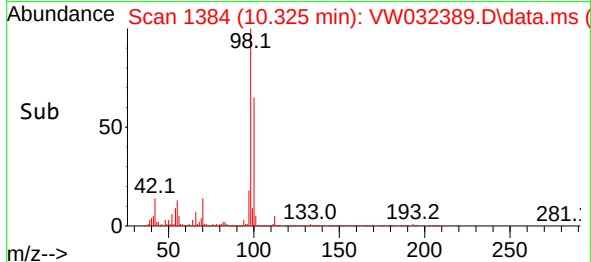
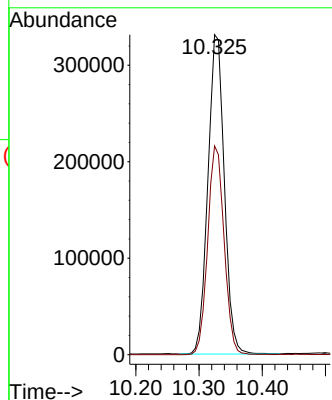
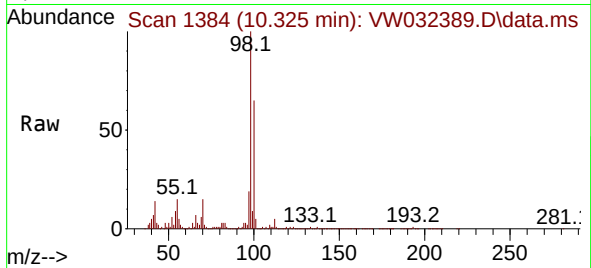




#50
Toluene-d8
Concen: 52.929 ug/l
RT: 10.325 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032389.D
Acq: 20 Oct 2025 15:18

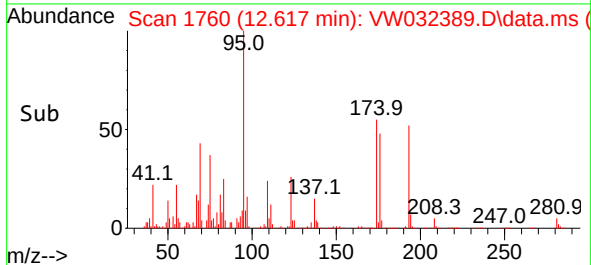
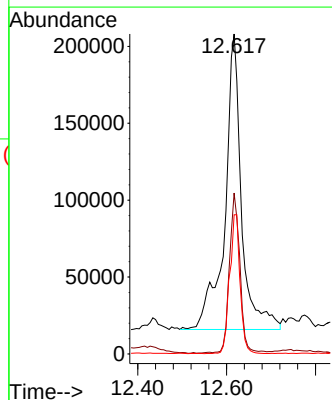
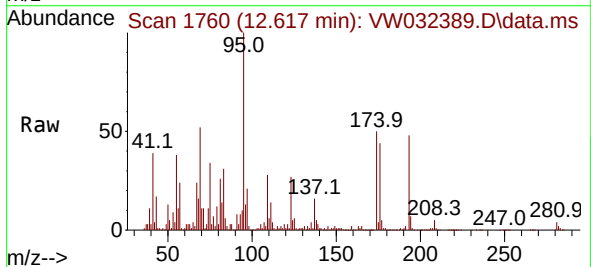
Instrument :
MSVOA_W
ClientSampleId :
PR132-DP01-20251016

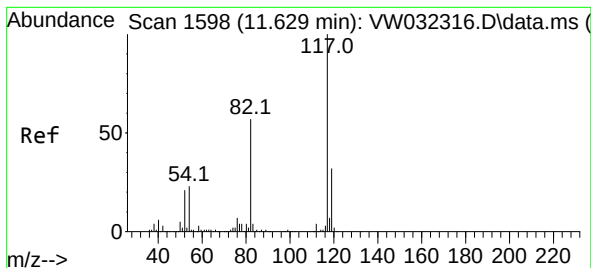
Tgt Ion: 98 Resp: 597945
Ion Ratio Lower Upper
98 100
100 65.3 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 117.362 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032389.D
Acq: 20 Oct 2025 15:18

Tgt Ion: 95 Resp: 501125
Ion Ratio Lower Upper
95 100
174 33.5 0.0 145.6
176 29.4 0.0 140.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032389.D

Acq: 20 Oct 2025 15:18

Instrument :

MSVOA_W

ClientSampleId :

PR132-DP01-20251016

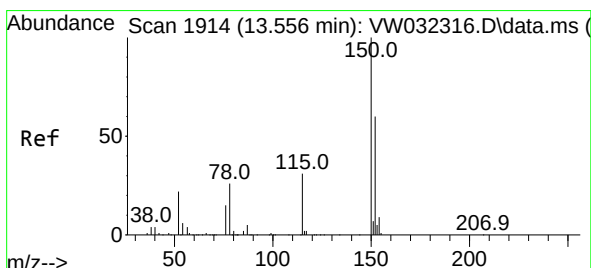
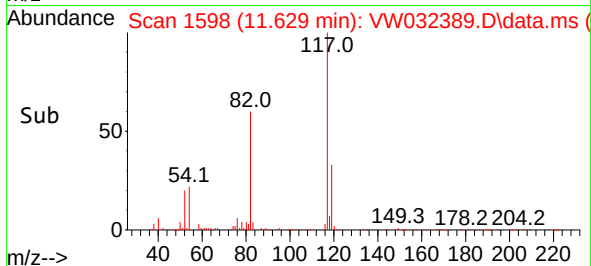
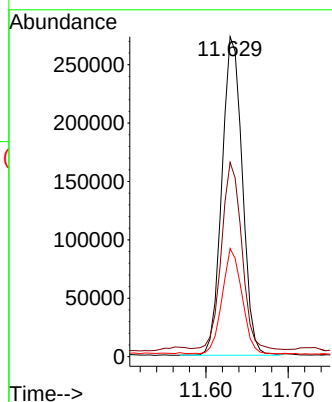
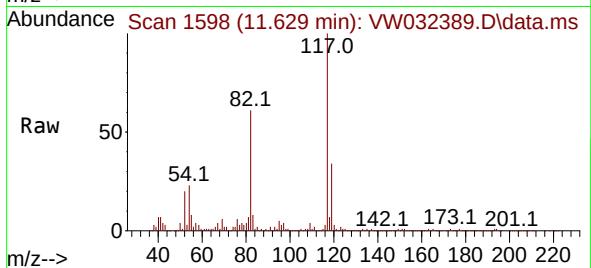
Tgt Ion:117 Resp: 471497

Ion Ratio Lower Upper

117 100

82 58.6 42.7 64.1

119 33.0 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: VW032389.D

Acq: 20 Oct 2025 15:18

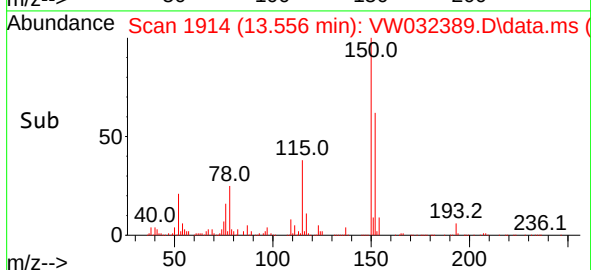
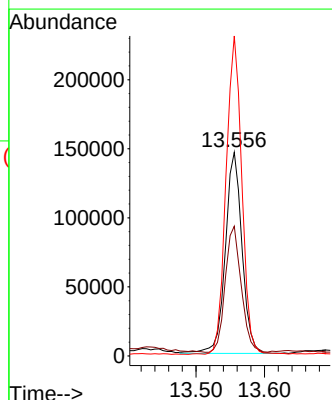
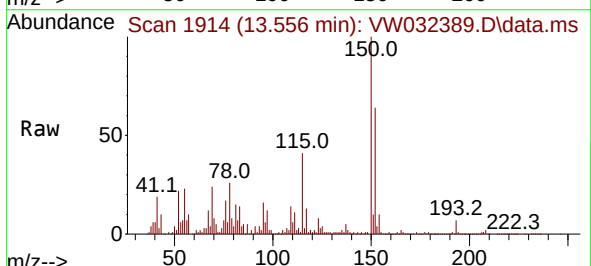
Tgt Ion:152 Resp: 245719

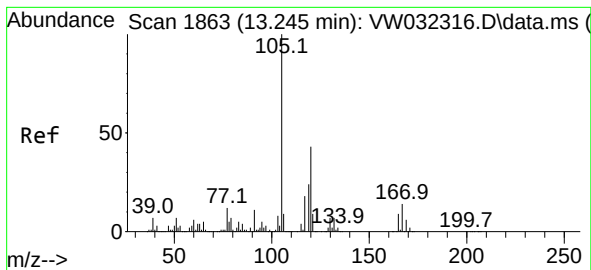
Ion Ratio Lower Upper

152 100

115 60.0 31.8 95.4

150 149.2 0.0 343.0





#84

1,2,4-Trimethylbenzene

Concen: 2.227 ug/l

RT: 13.245 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032389.D

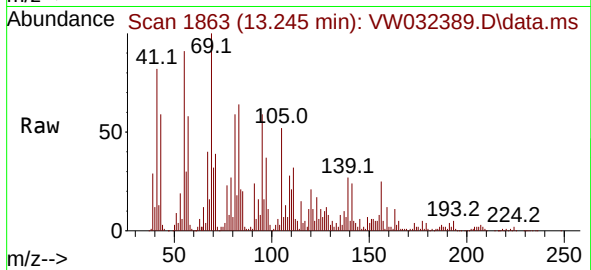
Acq: 20 Oct 2025 15:18

Instrument :

MSVOA_W

ClientSampleId :

PR132-DP01-20251016



Tgt Ion:105 Resp: 32912

Ion Ratio Lower Upper

105 100

120 44.9 22.1 66.3

