

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081425\
 Data File : VW032092.D
 Acq On : 14 Aug 2025 14:39
 Operator : SY/MD
 Sample : Q2820-09
 Misc : 6.40g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 705R-S

Quant Time: Aug 18 03:52:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W081125S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 12 04:04:48 2025
 Response via : Initial Calibration

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

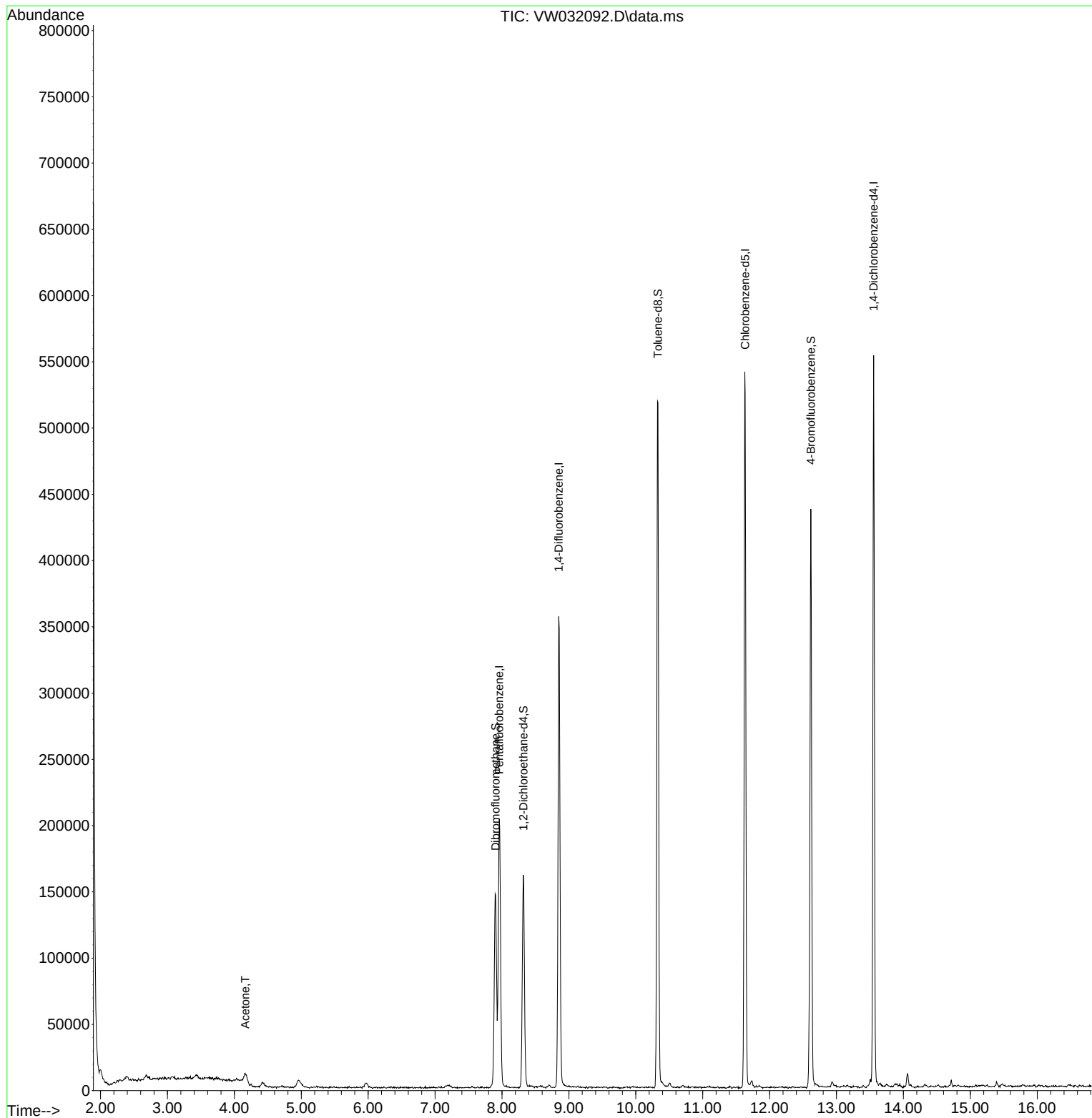
Internal Standards						
1) Pentafluorobenzene	7.959	168	139519	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	293162	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	286216	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	129964	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	132296	65.563	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	=	131.120%	
35) Dibromofluoromethane	7.904	113	104800	55.334	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	=	110.660%	
50) Toluene-d8	10.331	98	340851	48.657	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	=	97.320%	
62) 4-Bromofluorobenzene	12.617	95	126079	48.840	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	=	97.680%	
Target Compounds						
16) Acetone	4.161	43	10275	21.994	ug/l	Qvalue # 85

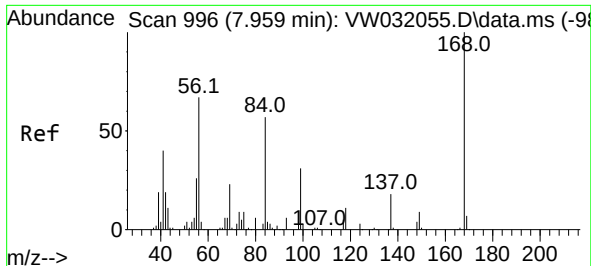
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081425\
Data File : VW032092.D
Acq On : 14 Aug 2025 14:39
Operator : SY/MD
Sample : Q2820-09
Misc : 6.40g/5mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
705R-S

Quant Time: Aug 18 03:52:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W081125S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 12 04:04:48 2025
Response via : Initial Calibration

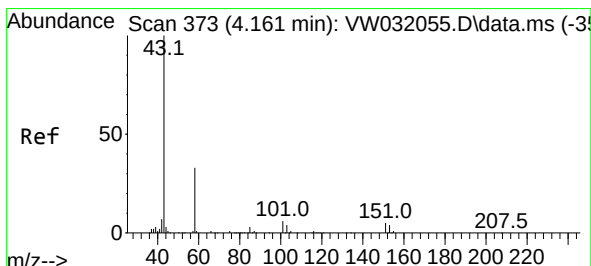
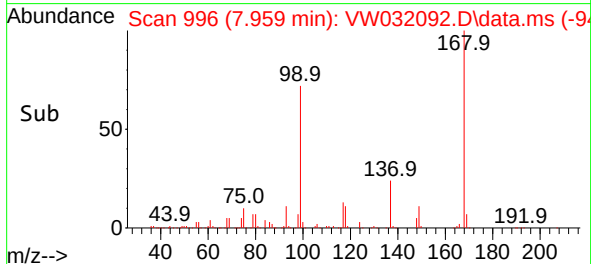
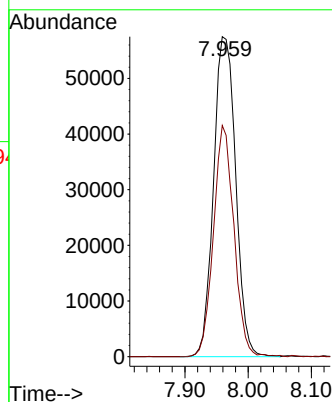
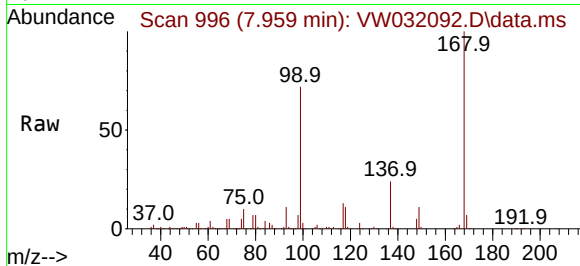




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW032092.D
Acq: 14 Aug 2025 14:39

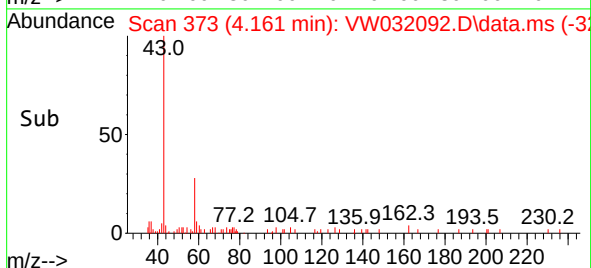
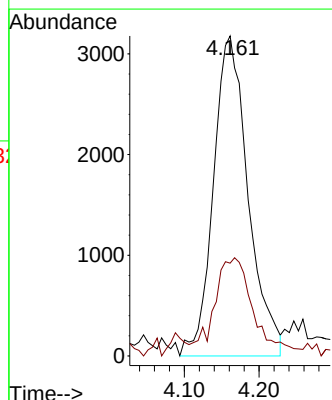
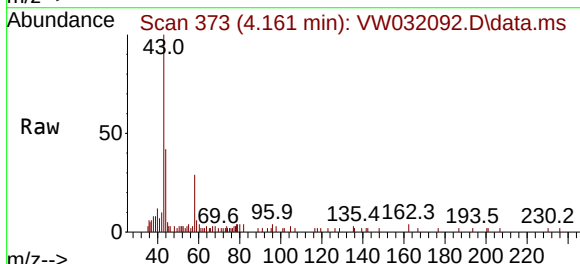
Instrument :
MSVOA_W
ClientSampleId :
705R-S

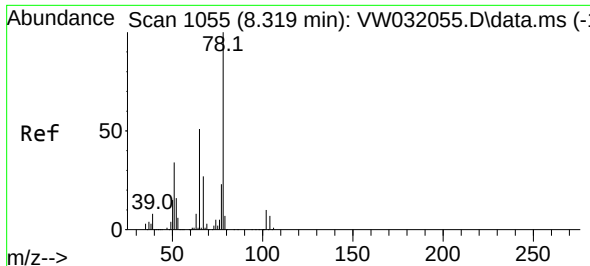
Tgt Ion:168 Resp: 139519
Ion Ratio Lower Upper
168 100
99 72.2 56.0 84.0



#16
Acetone
Concen: 21.994 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032092.D
Acq: 14 Aug 2025 14:39

Tgt Ion: 43 Resp: 10275
Ion Ratio Lower Upper
43 100
58 24.7 26.6 39.8





#33

1,2-Dichloroethane-d4

Concen: 65.563 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VW032092.D

Acq: 14 Aug 2025 14:39

Instrument :

MSVOA_W

ClientSampleId :

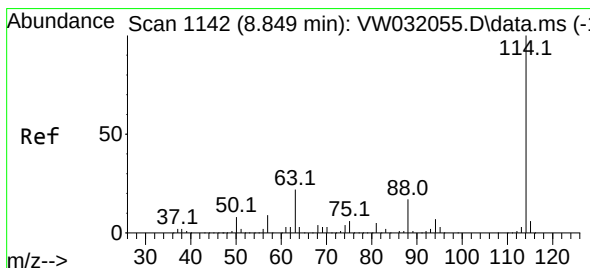
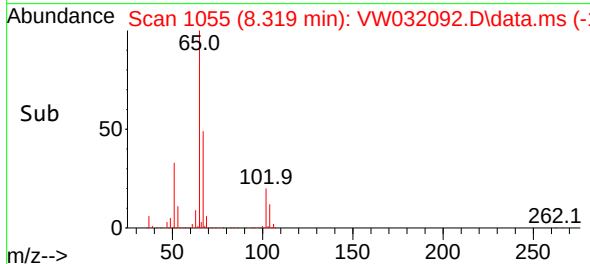
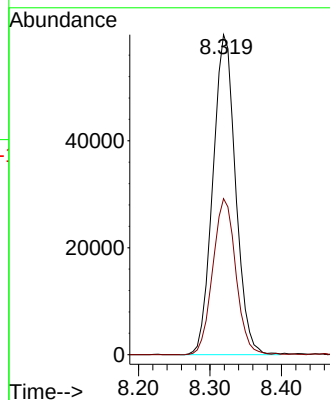
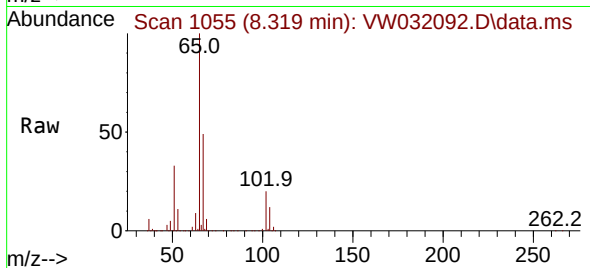
705R-S

Tgt Ion: 65 Resp: 132296

Ion Ratio Lower Upper

65 100

67 49.3 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1142

Delta R.T. -0.000 min

Lab File: VW032092.D

Acq: 14 Aug 2025 14:39

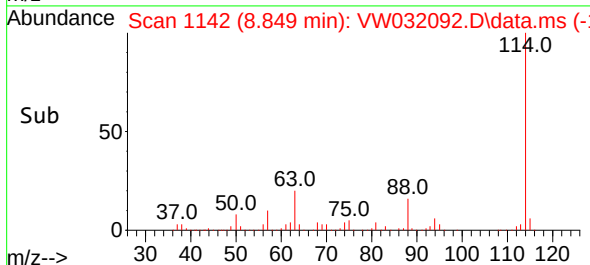
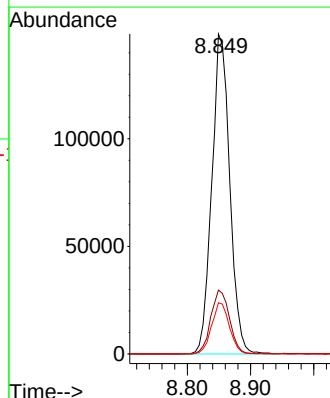
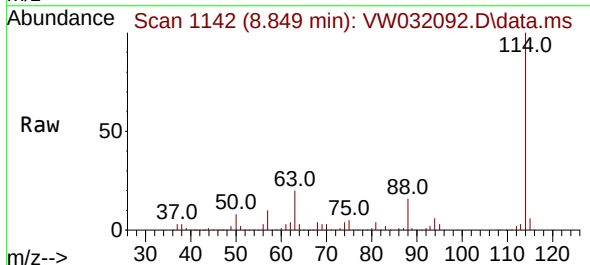
Tgt Ion: 114 Resp: 293162

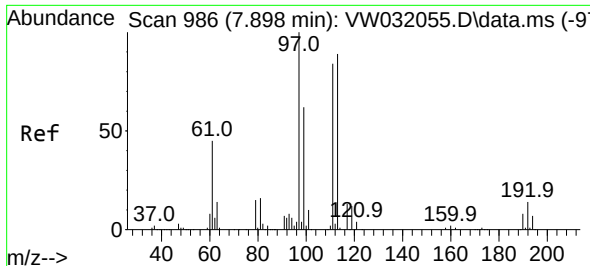
Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.0

88 16.0 0.0 33.8

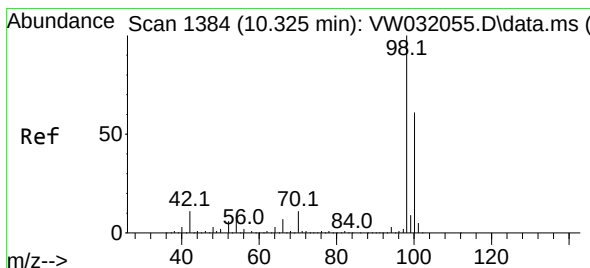
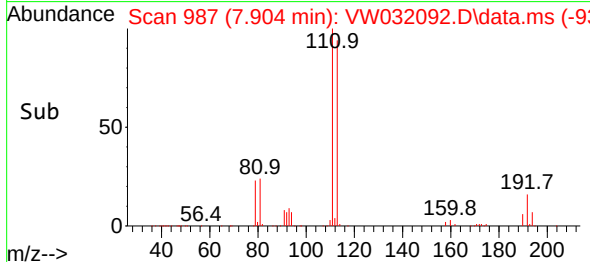
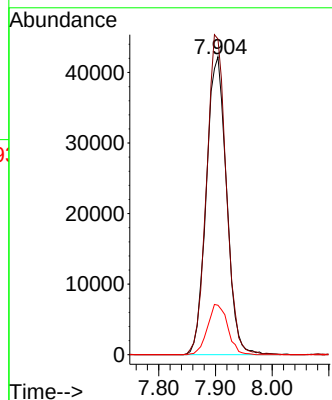
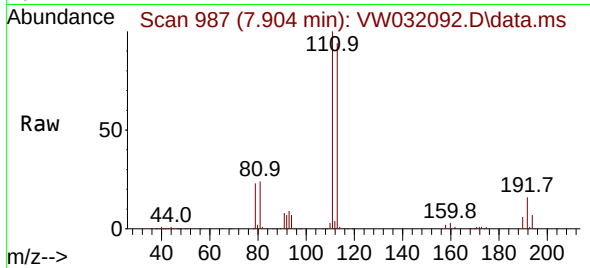




#35
Dibromofluoromethane
Concen: 55.334 ug/l
RT: 7.904 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW032092.D
Acq: 14 Aug 2025 14:39

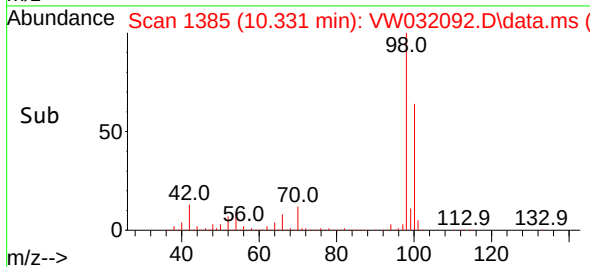
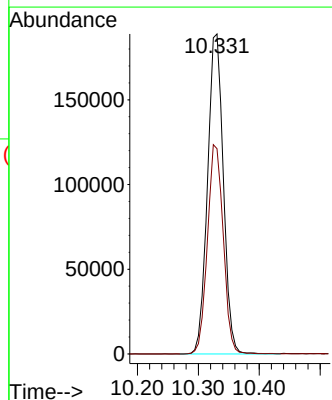
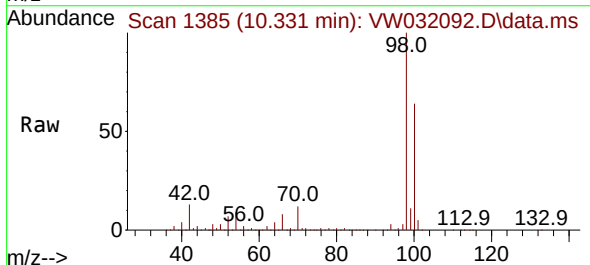
Instrument :
MSVOA_W
ClientSampleId :
705R-S

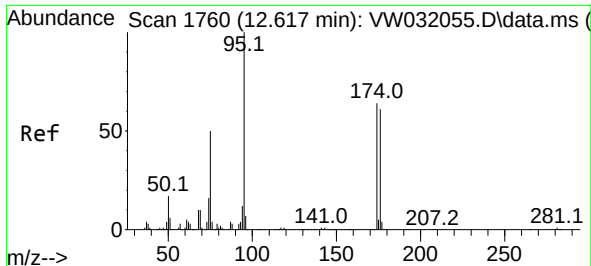
Tgt Ion:113 Resp: 104800
Ion Ratio Lower Upper
113 100
111 104.3 80.1 120.1
192 16.8 13.1 19.7



#50
Toluene-d8
Concen: 48.657 ug/l
RT: 10.331 min Scan# 1385
Delta R.T. 0.006 min
Lab File: VW032092.D
Acq: 14 Aug 2025 14:39

Tgt Ion: 98 Resp: 340851
Ion Ratio Lower Upper
98 100
100 65.5 51.1 76.7

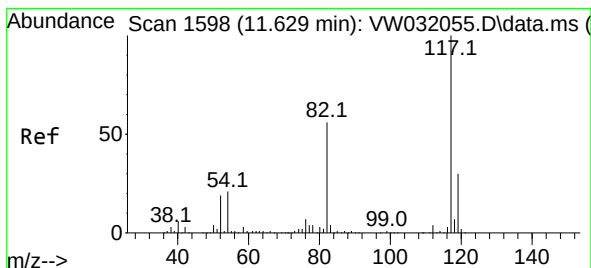
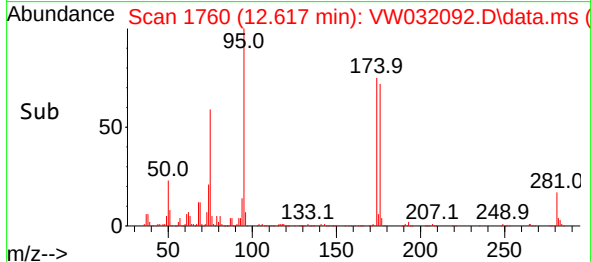
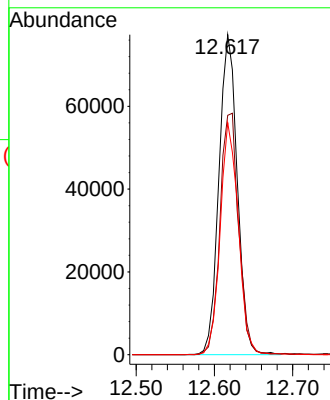
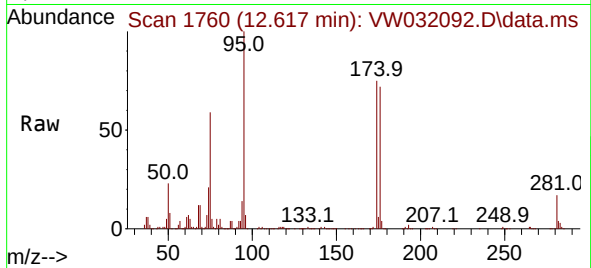




#62
4-Bromofluorobenzene
Concen: 48.840 ug/l
RT: 12.617 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032092.D
Acq: 14 Aug 2025 14:39

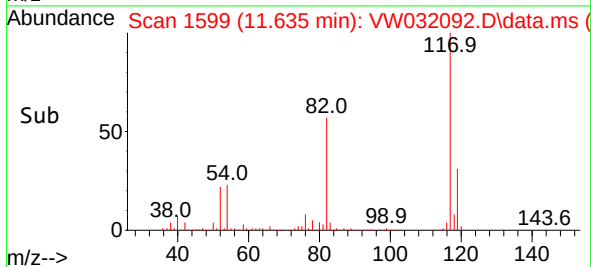
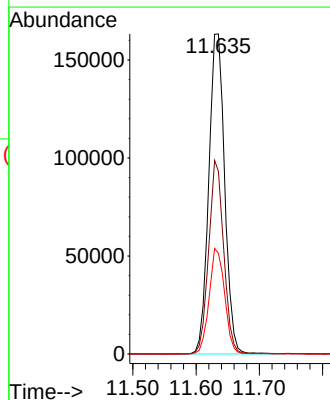
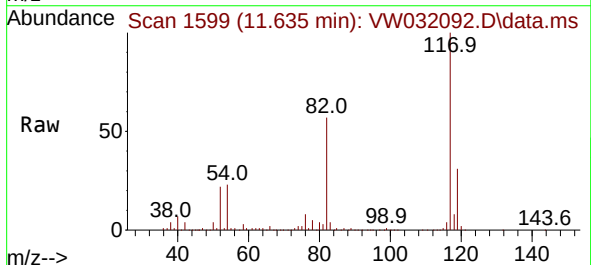
Instrument :
MSVOA_W
ClientSampleId :
705R-S

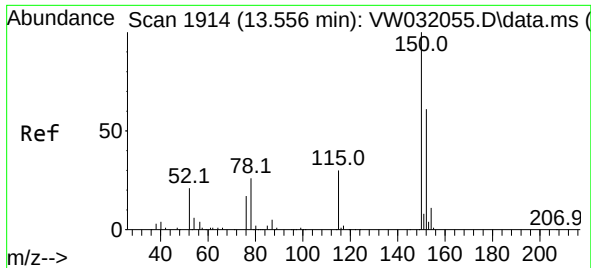
Tgt Ion: 95 Resp: 126079
Ion Ratio Lower Upper
95 100
174 77.2 0.0 129.0
176 71.5 0.0 124.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VW032092.D
Acq: 14 Aug 2025 14:39

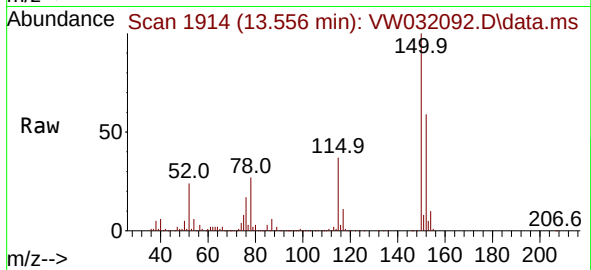
Tgt Ion: 117 Resp: 286216
Ion Ratio Lower Upper
117 100
82 57.0 45.0 67.4
119 31.4 24.2 36.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. -0.000 min
 Lab File: VW032092.D
 Acq: 14 Aug 2025 14:39

Instrument :
 MSVOA_W
 ClientSampleId :
 705R-S



Tgt Ion:	152	Resp:	129964
Ion Ratio	Lower	Upper	
152	100		
115	62.2	32.6	97.8
150	163.1	0.0	359.4

