

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111725\
 Data File : VW032454.D
 Acq On : 17 Nov 2025 13:48
 Operator : SY/MD
 Sample : Q3631-01
 Misc : 5.63g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VNJ-202

Quant Time: Nov 18 03:04:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

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

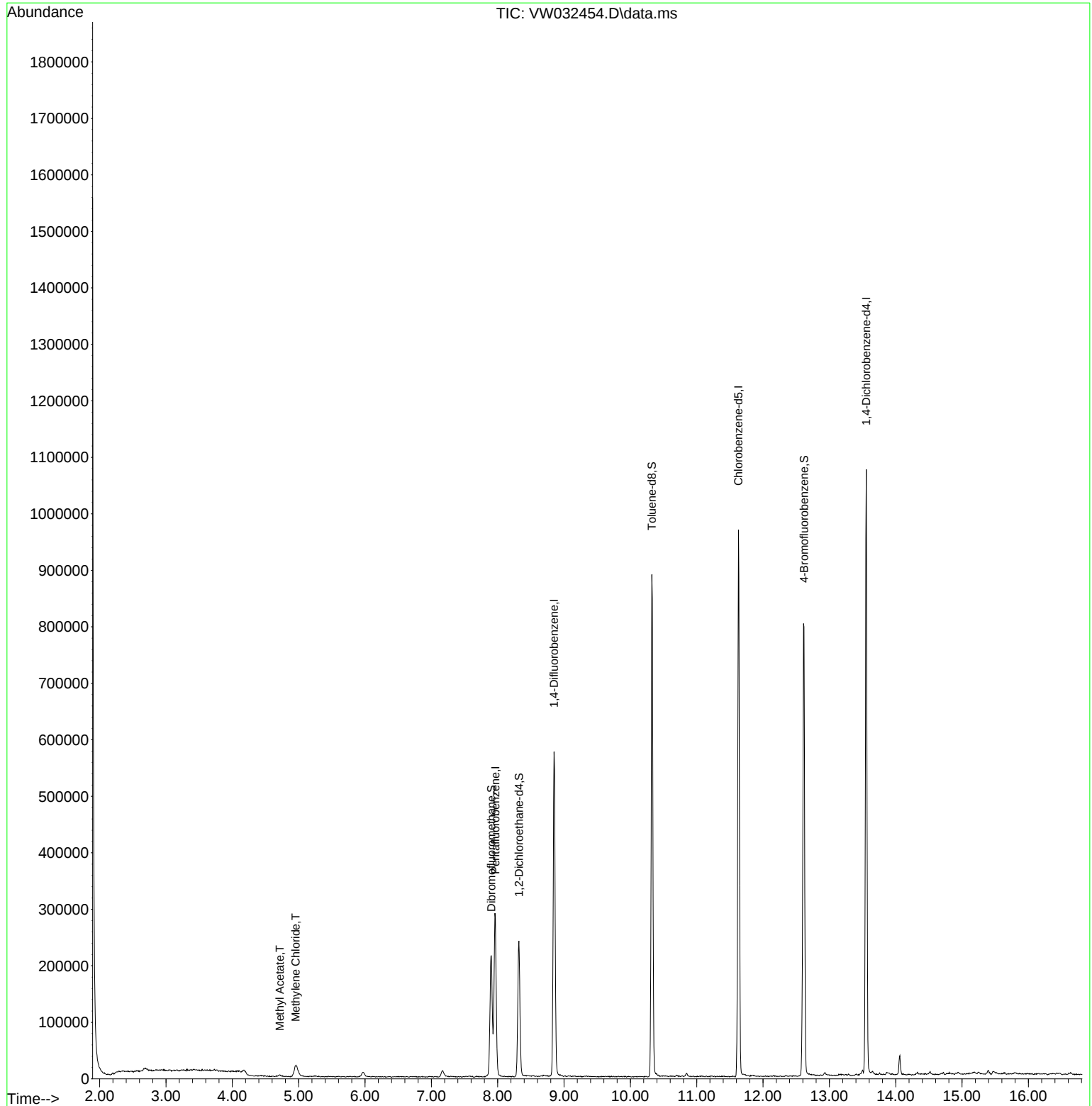
Internal Standards						
1) Pentafluorobenzene	7.965	168	206844	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	475713	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	527621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	270460	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	192919	72.343	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 144.680%	
35) Dibromofluoromethane	7.904	113	168809	59.269	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 118.540%	
50) Toluene-d8	10.325	98	582890	53.346	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 106.700%	
62) 4-Bromofluorobenzene	12.617	95	248398	60.179	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 120.360%	
Target Compounds						
						Qvalue
18) Methyl Acetate	4.716	43	7310	3.700	ug/l	97
20) Methylene Chloride	4.954	84	18375	6.440	ug/l	89

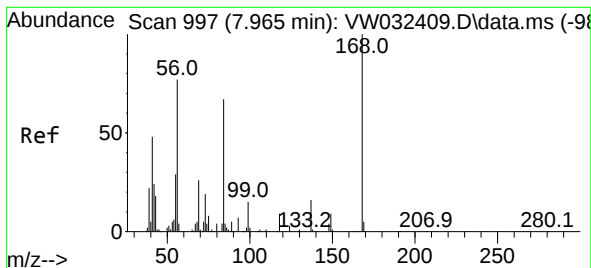
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111725\
Data File : VW032454.D
Acq On : 17 Nov 2025 13:48
Operator : SY/MD
Sample : Q3631-01
Misc : 5.63g/5mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VNJ-202

Quant Time: Nov 18 03:04:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

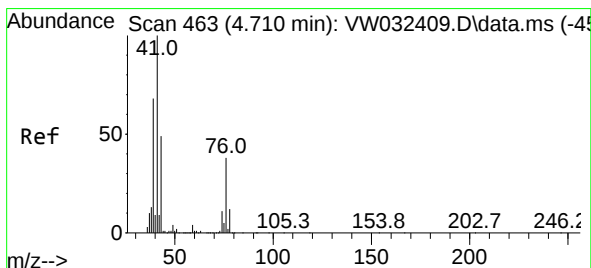
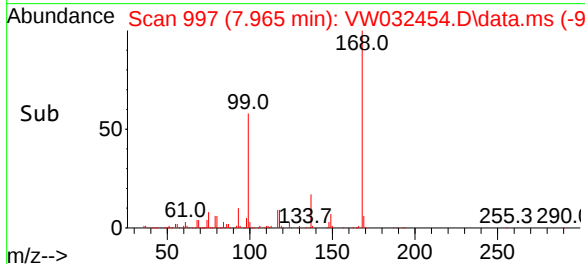
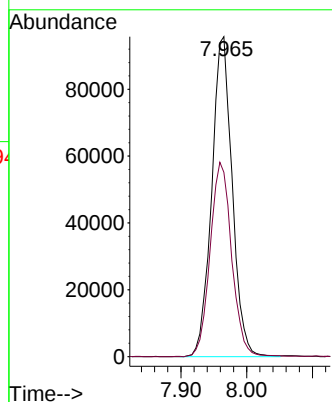
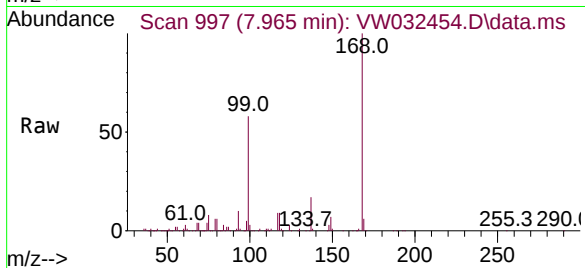




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW032454.D
Acq: 17 Nov 2025 13:48

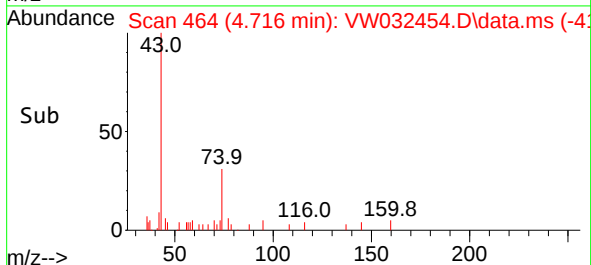
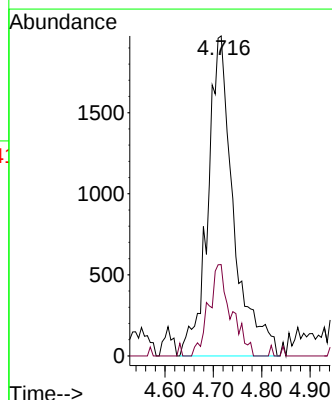
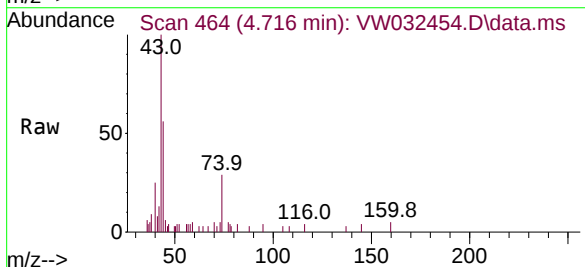
Instrument :
MSVOA_W
ClientSampleId :
VNJ-202

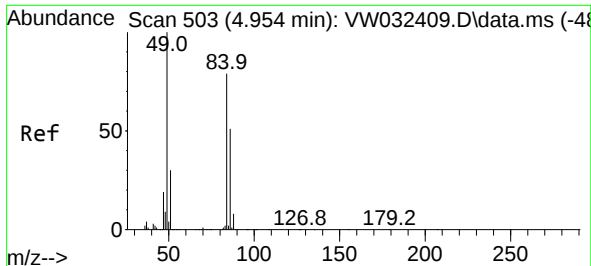
Tgt Ion:168 Resp: 206844
Ion Ratio Lower Upper
168 100
99 57.5 45.4 68.2



#18
Methyl Acetate
Concen: 3.700 ug/l
RT: 4.716 min Scan# 464
Delta R.T. 0.006 min
Lab File: VW032454.D
Acq: 17 Nov 2025 13:48

Tgt Ion: 43 Resp: 7310
Ion Ratio Lower Upper
43 100
74 24.8 18.9 28.3

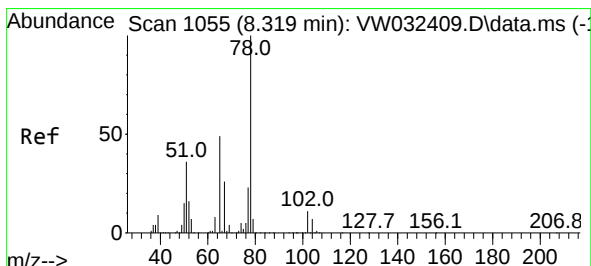
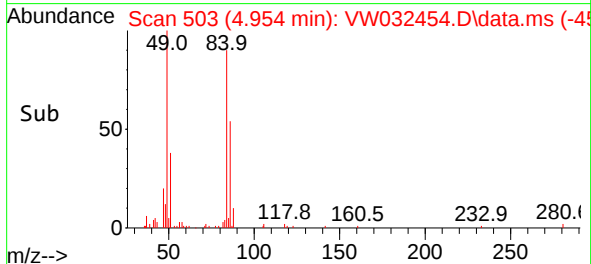
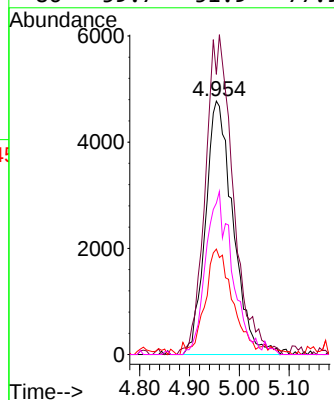
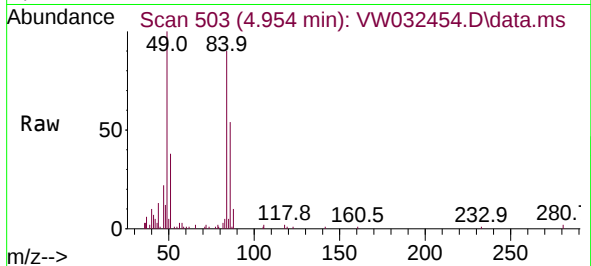




#20
Methylene Chloride
Concen: 6.440 ug/l
RT: 4.954 min Scan# 503
Delta R.T. 0.000 min
Lab File: VW032454.D
Acq: 17 Nov 2025 13:48

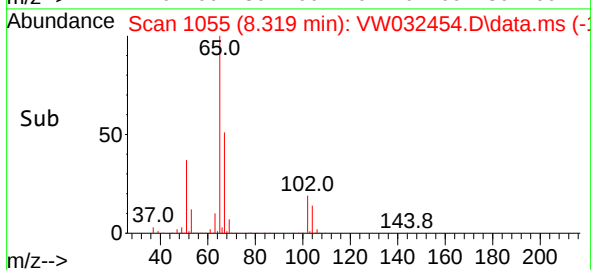
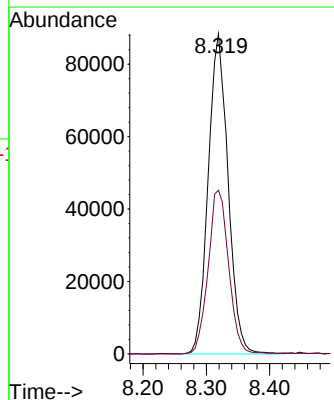
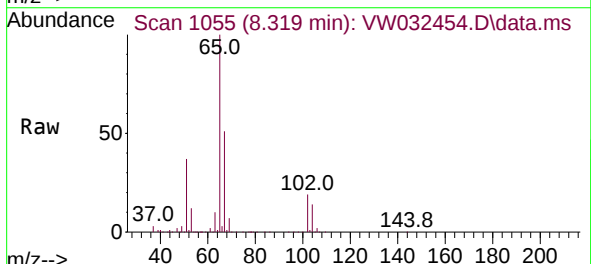
Instrument :
MSVOA_W
ClientSampleId :
VNJ-202

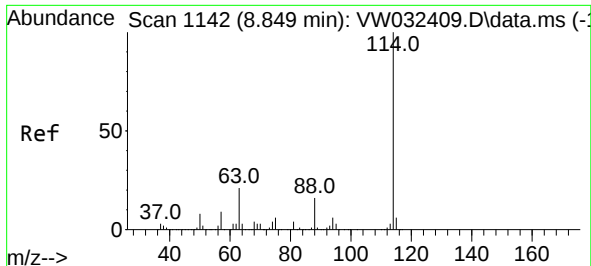
Tgt Ion:	84	Resp:	18375
Ion	Ratio	Lower	Upper
84	100		
49	108.9	101.5	152.3
51	41.6	30.6	46.0
86	59.7	51.9	77.9



#33
1,2-Dichloroethane-d4
Concen: 72.343 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032454.D
Acq: 17 Nov 2025 13:48

Tgt Ion:	65	Resp:	192919
Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	106.8

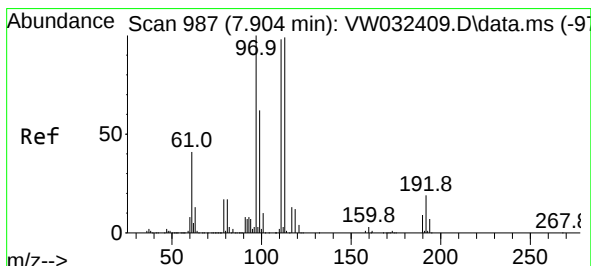
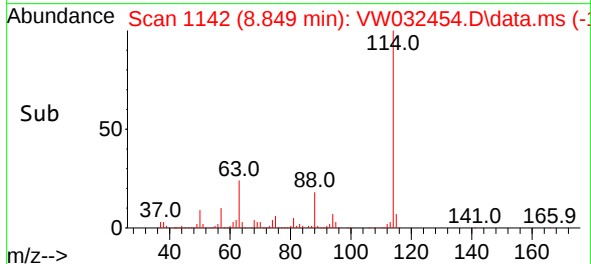
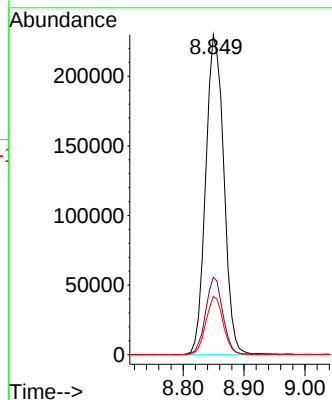
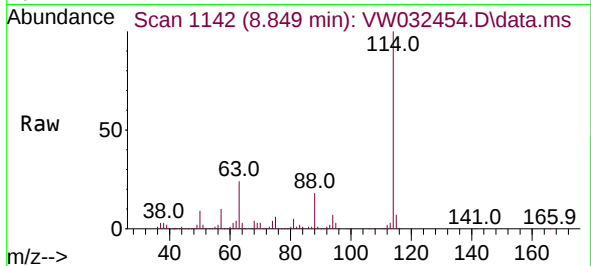




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VW032454.D
Acq: 17 Nov 2025 13:48

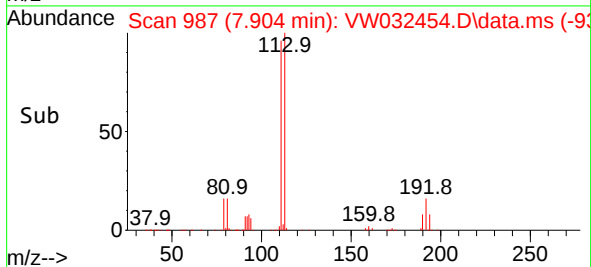
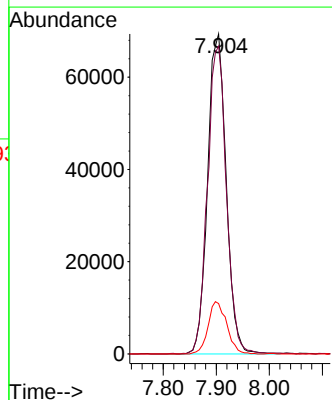
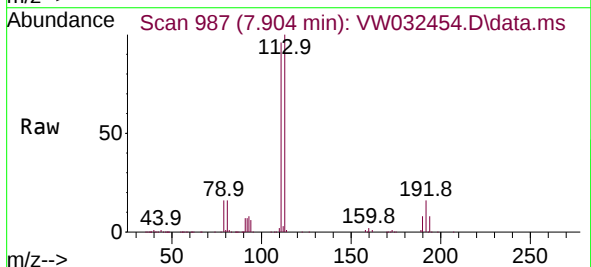
Instrument :
MSVOA_W
ClientSampleId :
VNJ-202

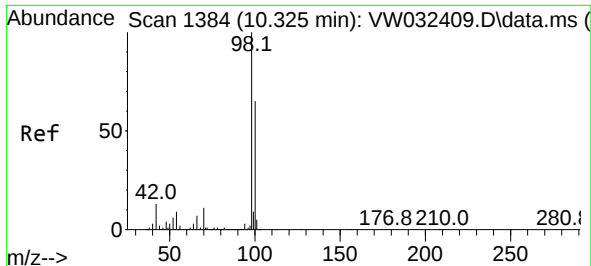
Tgt Ion:114 Resp: 475713
Ion Ratio Lower Upper
114 100
63 24.1 0.0 41.8
88 18.2 0.0 32.6



#35
Dibromofluoromethane
Concen: 59.269 ug/l
RT: 7.904 min Scan# 987
Delta R.T. 0.000 min
Lab File: VW032454.D
Acq: 17 Nov 2025 13:48

Tgt Ion:113 Resp: 168809
Ion Ratio Lower Upper
113 100
111 97.8 83.1 124.7
192 16.3 13.4 20.2

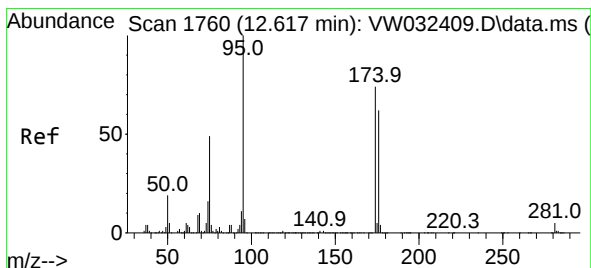
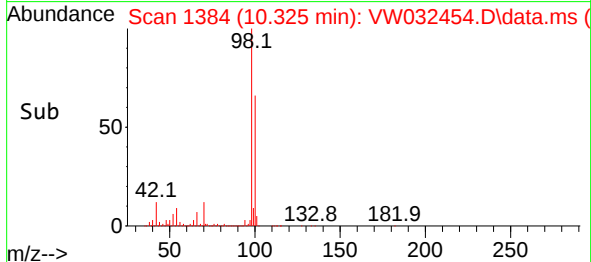
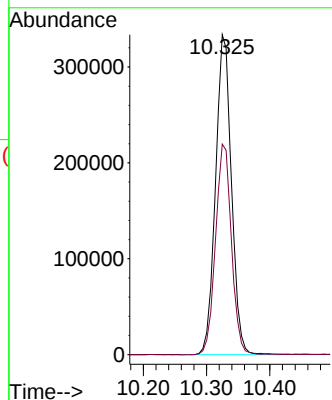
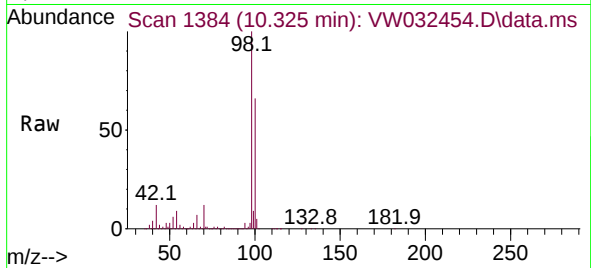




#50
Toluene-d8
Concen: 53.346 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW032454.D
Acq: 17 Nov 2025 13:48

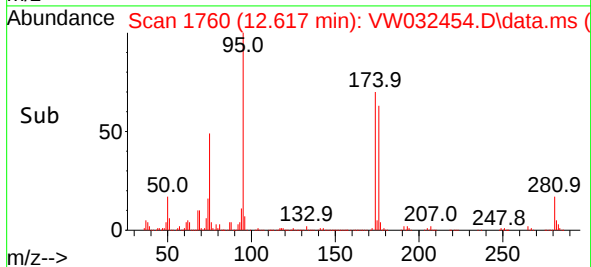
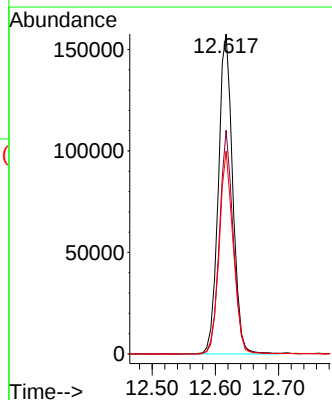
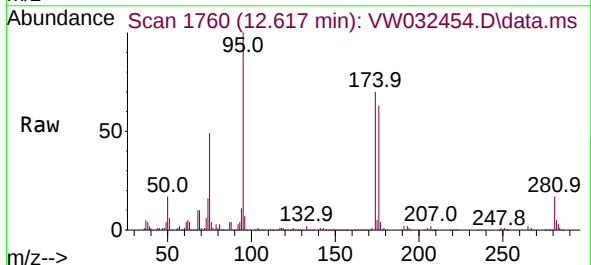
Instrument :
MSVOA_W
ClientSampleId :
VNJ-202

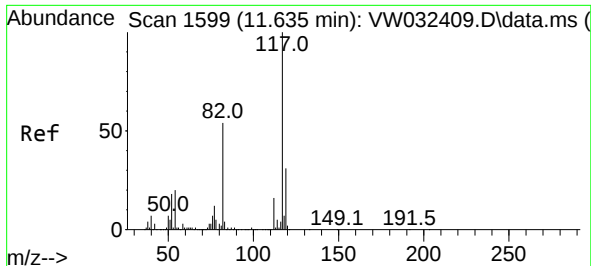
Tgt Ion: 98 Resp: 582890
Ion Ratio Lower Upper
98 100
100 66.1 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 60.179 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032454.D
Acq: 17 Nov 2025 13:48

Tgt Ion: 95 Resp: 248398
Ion Ratio Lower Upper
95 100
174 67.0 0.0 135.4
176 62.0 0.0 131.8

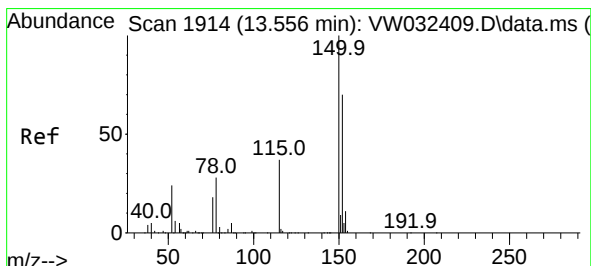
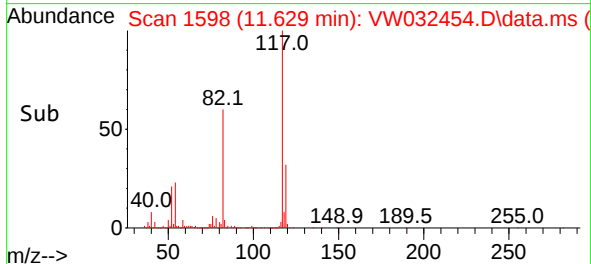
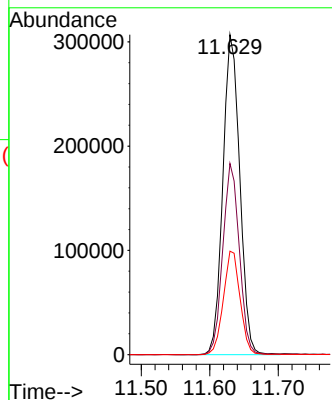
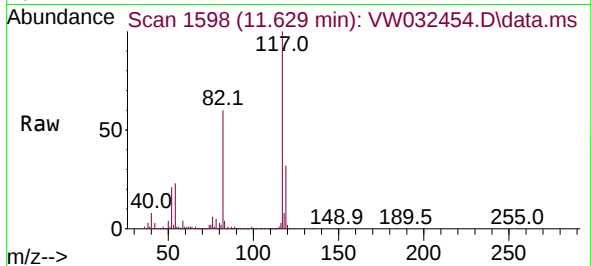




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032454.D
Acq: 17 Nov 2025 13:48

Instrument :
MSVOA_W
ClientSampleId :
VNJ-202

Tgt Ion:117 Resp: 527621
Ion Ratio Lower Upper
117 100
82 59.7 43.0 64.4
119 32.3 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032454.D
Acq: 17 Nov 2025 13:48

Tgt Ion:152 Resp: 270460
Ion Ratio Lower Upper
152 100
115 65.0 32.8 98.3
150 151.8 0.0 356.6

