

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111825\
 Data File : VW032480.D
 Acq On : 18 Nov 2025 14:46
 Operator : SY/MD
 Sample : Q3652-03
 Misc : 5.00g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1-VOC

Quant Time: Nov 19 00:28:18 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)

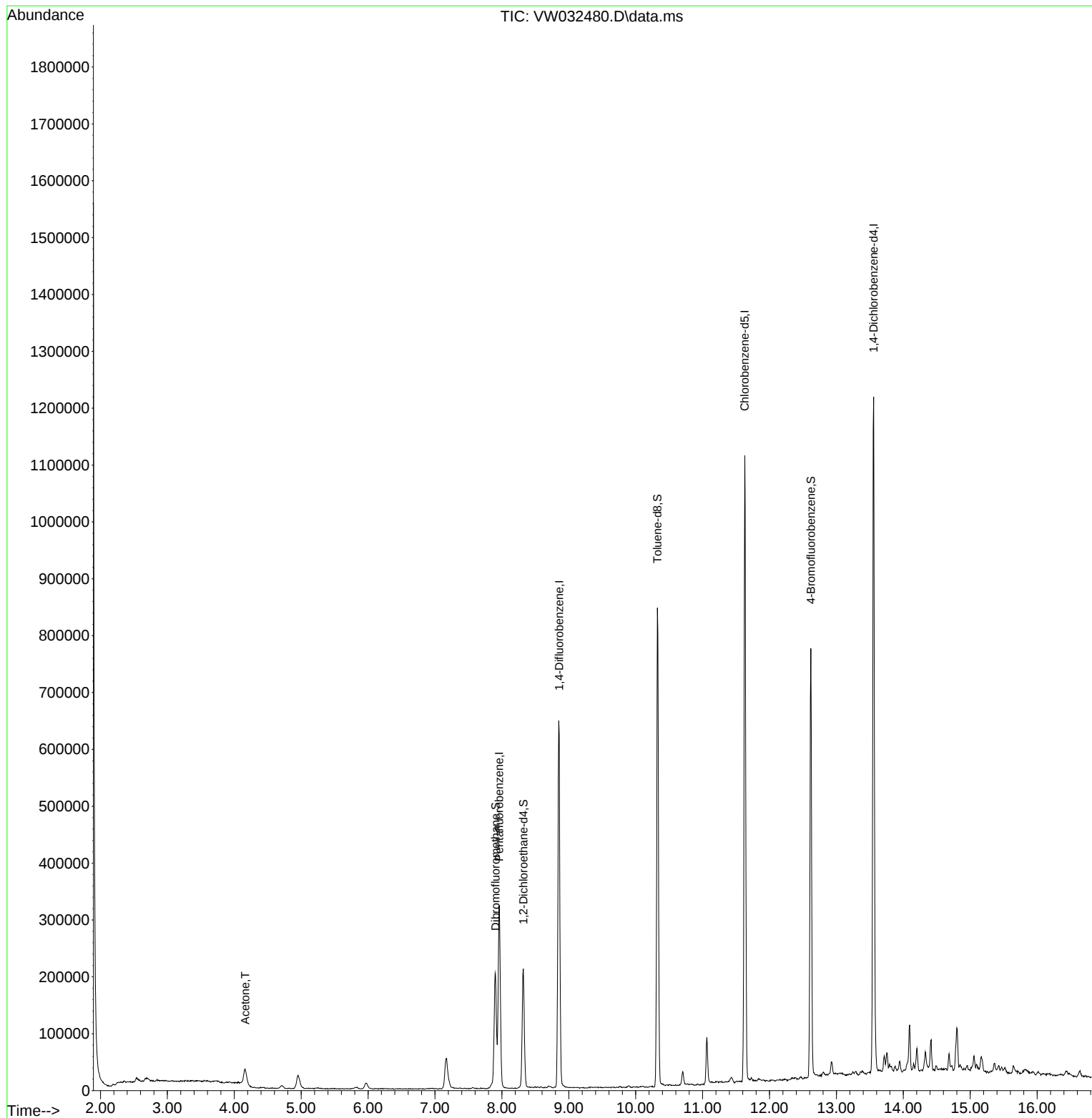
Internal Standards						
1) Pentafluorobenzene	7.959	168	233658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	540272	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	586209	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	310474	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	168116	55.808	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	=	111.620%	
35) Dibromofluoromethane	7.904	113	155116	47.953	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	=	95.900%	
50) Toluene-d8	10.325	98	564028	45.451	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	=	90.900%	
62) 4-Bromofluorobenzene	12.617	95	272260	58.078	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	=	116.160%	
Target Compounds						
16) Acetone	4.161	43	45104	50.047	ug/l	Qvalue 91

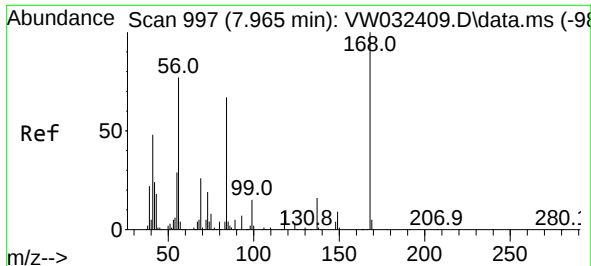
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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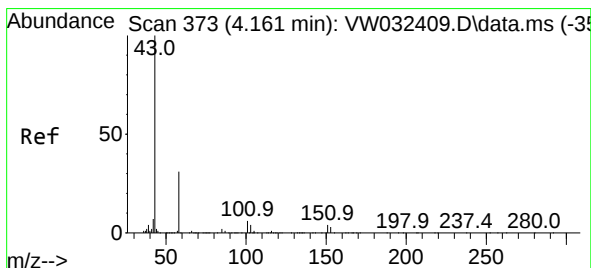
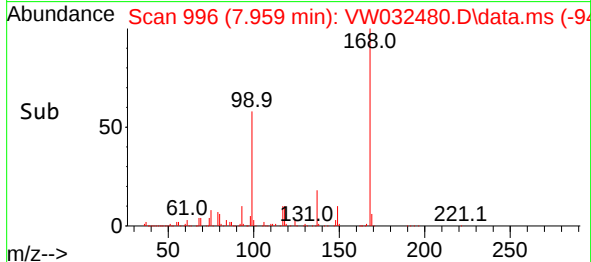
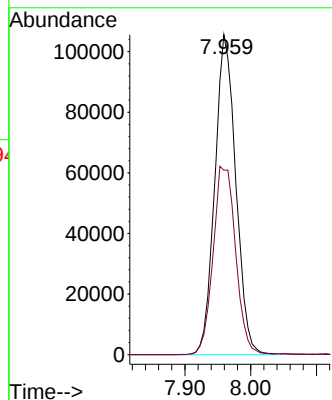
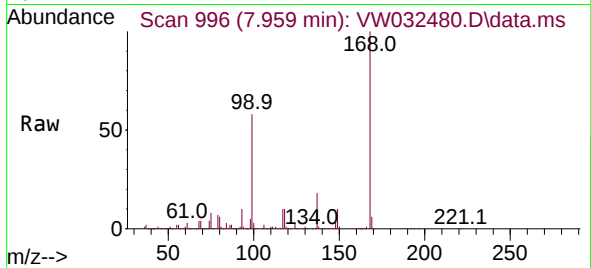




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW032480.D
Acq: 18 Nov 2025 14:46

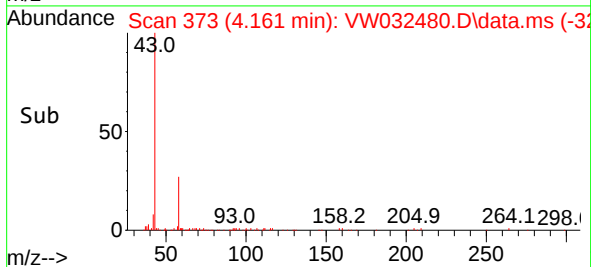
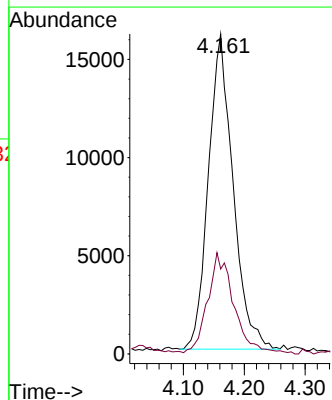
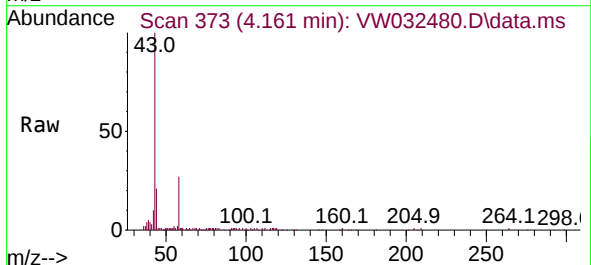
Instrument :
MSVOA_W
ClientSampleId :
TP-1-VOC

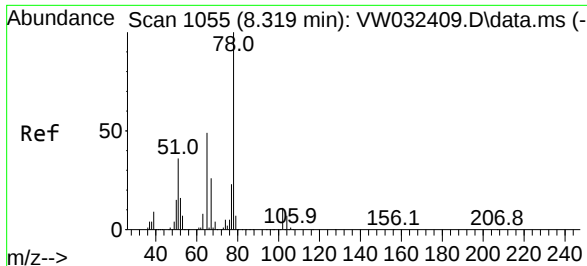
Tgt Ion:168 Resp: 233658
Ion Ratio Lower Upper
168 100
99 57.6 45.4 68.2



#16
Acetone
Concen: 50.047 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032480.D
Acq: 18 Nov 2025 14:46

Tgt Ion: 43 Resp: 45104
Ion Ratio Lower Upper
43 100
58 26.2 24.8 37.2

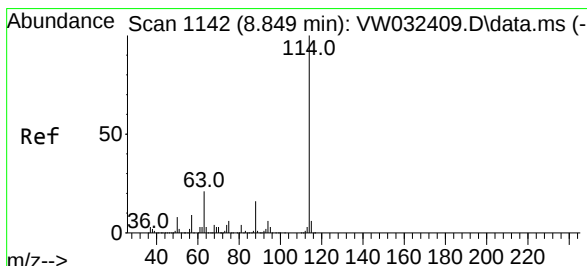
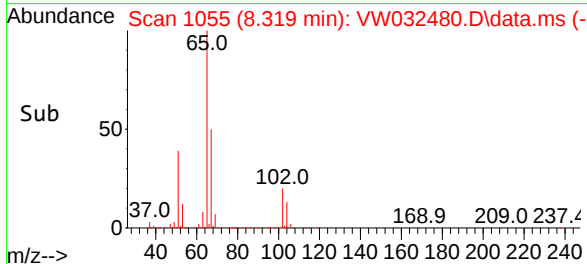
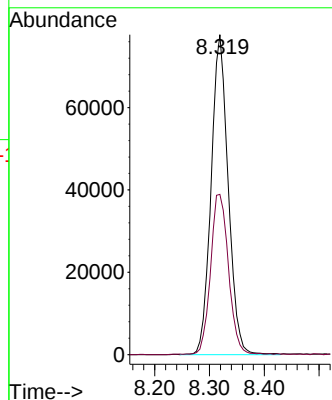
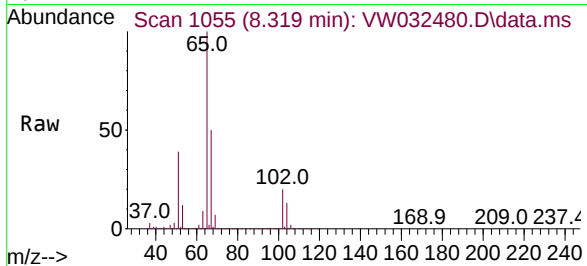




#33
 1,2-Dichloroethane-d4
 Concen: 55.808 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW032480.D
 Acq: 18 Nov 2025 14:46

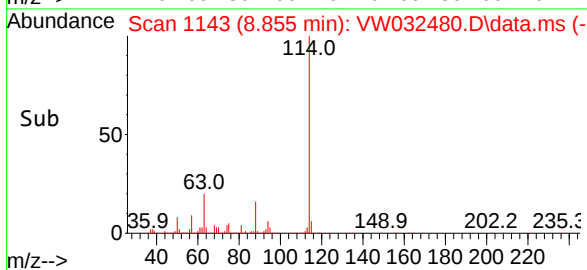
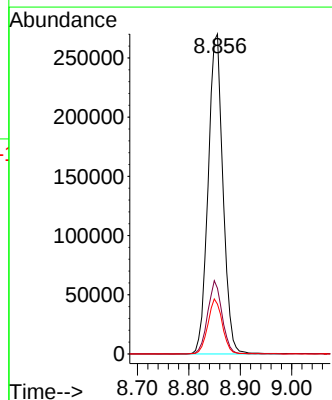
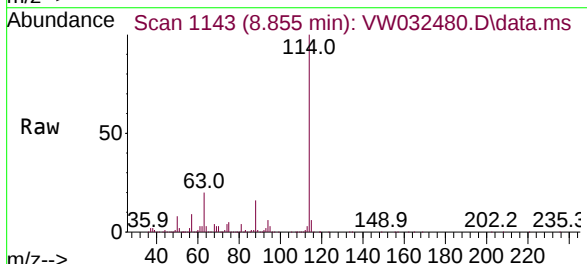
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1-VOC

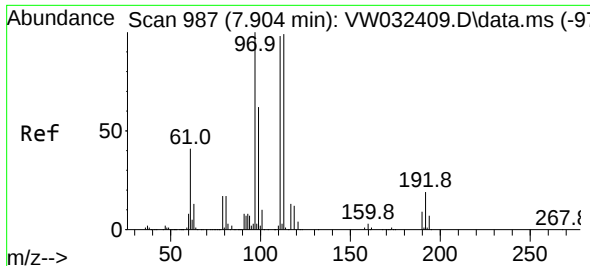
Tgt Ion: 65 Resp: 168116
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. 0.006 min
 Lab File: VW032480.D
 Acq: 18 Nov 2025 14:46

Tgt Ion: 114 Resp: 540272
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 41.8
 88 15.5 0.0 32.6

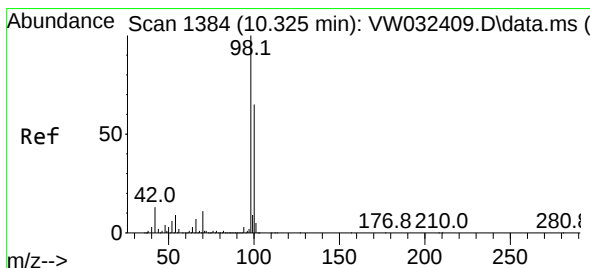
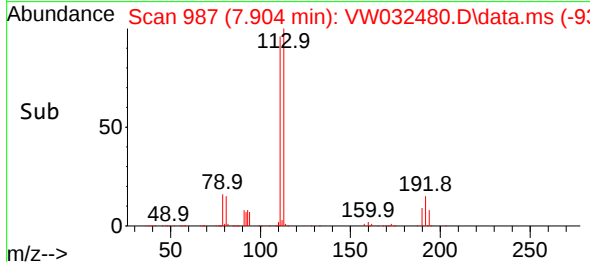
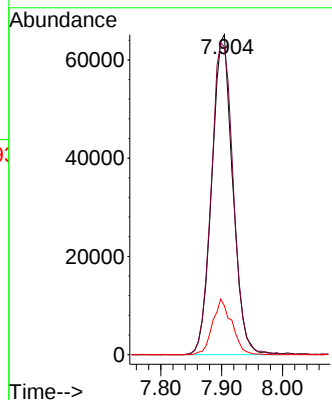
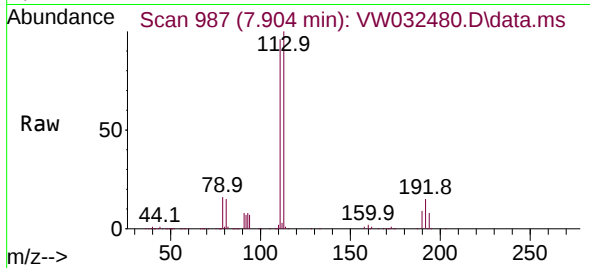




#35
Dibromofluoromethane
Concen: 47.953 ug/l
RT: 7.904 min Scan# 987
Delta R.T. 0.000 min
Lab File: VW032480.D
Acq: 18 Nov 2025 14:46

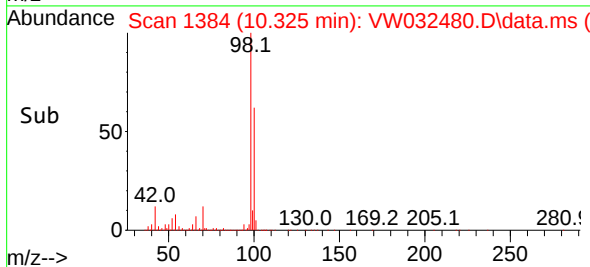
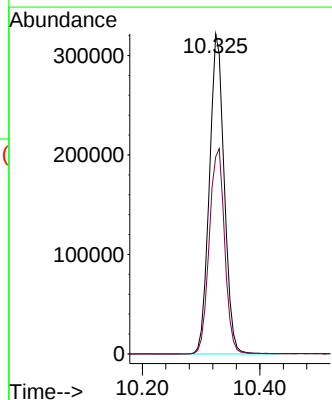
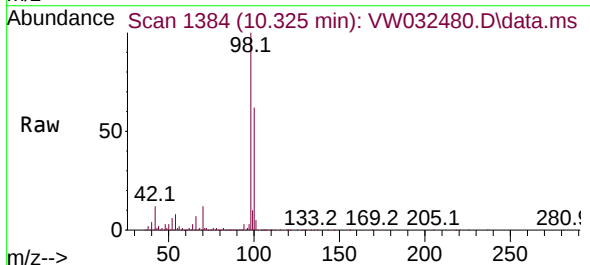
Instrument :
MSVOA_W
ClientSampleId :
TP-1-VOC

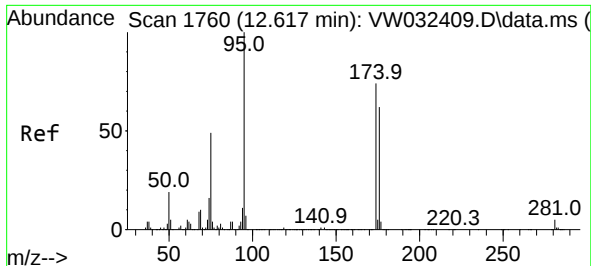
Tgt Ion:113 Resp: 155116
Ion Ratio Lower Upper
113 100
111 102.2 83.1 124.7
192 16.0 13.4 20.2



#50
Toluene-d8
Concen: 45.451 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW032480.D
Acq: 18 Nov 2025 14:46

Tgt Ion: 98 Resp: 564028
Ion Ratio Lower Upper
98 100
100 66.4 53.3 79.9

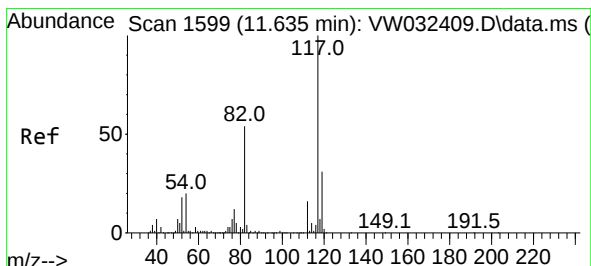
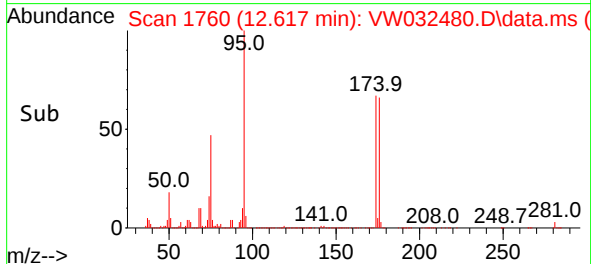
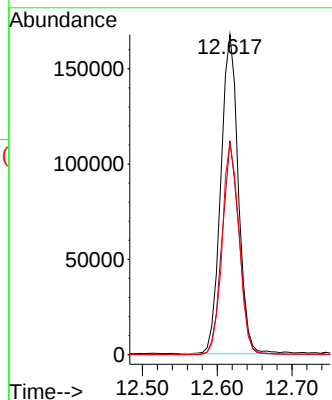
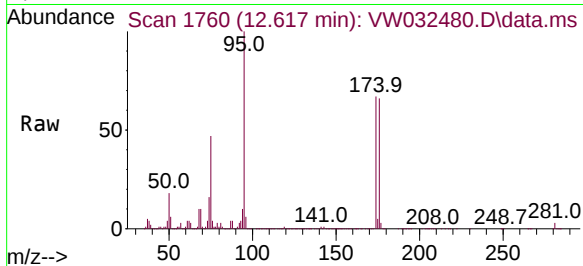




#62
4-Bromofluorobenzene
Concen: 58.078 ug/l
RT: 12.617 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032480.D
Acq: 18 Nov 2025 14:46

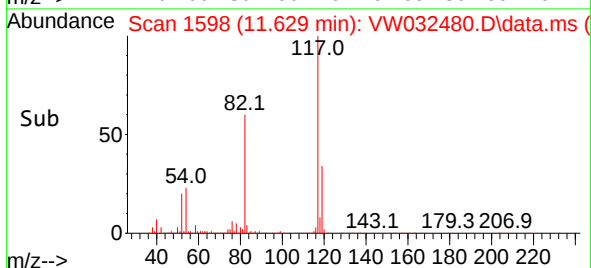
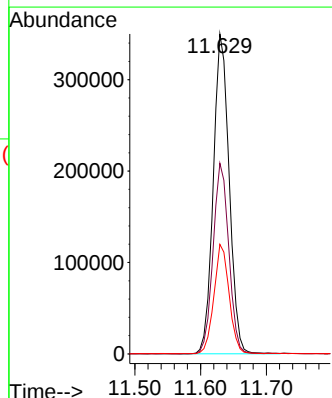
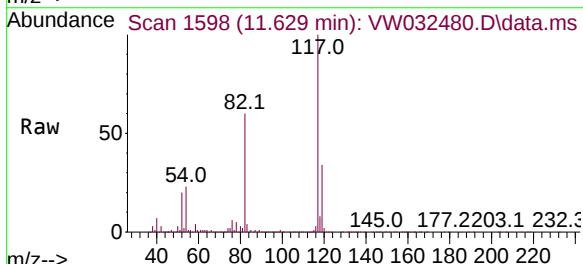
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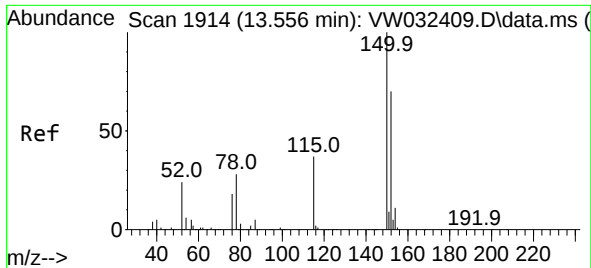
Tgt Ion: 95 Resp: 272260
Ion Ratio Lower Upper
95 100
174 65.2 0.0 135.4
176 65.1 0.0 131.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VW032480.D
Acq: 18 Nov 2025 14:46

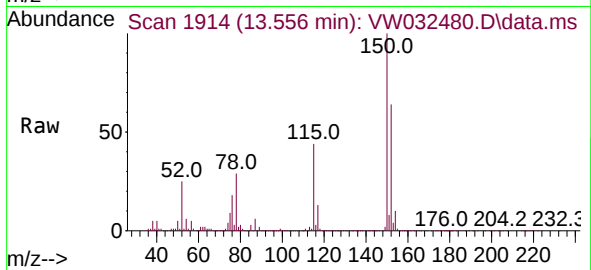
Tgt Ion: 117 Resp: 586209
Ion Ratio Lower Upper
117 100
82 59.6 43.0 64.4
119 34.2 25.0 37.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: VW032480.D
 Acq: 18 Nov 2025 14:46

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1-VOC



Tgt Ion:	152	Resp:	310474
Ion Ratio	Lower	Upper	
152	100		
115	64.7	32.8	98.3
150	159.9	0.0	356.6

