

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111825\
 Data File : VW032475.D
 Acq On : 18 Nov 2025 12:56
 Operator : SY/MD
 Sample : Q3641-01RE
 Misc : 5.12g/5mL/MSVOA_W/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TR-05-111325RE

Quant Time: Nov 18 13:40:25 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)

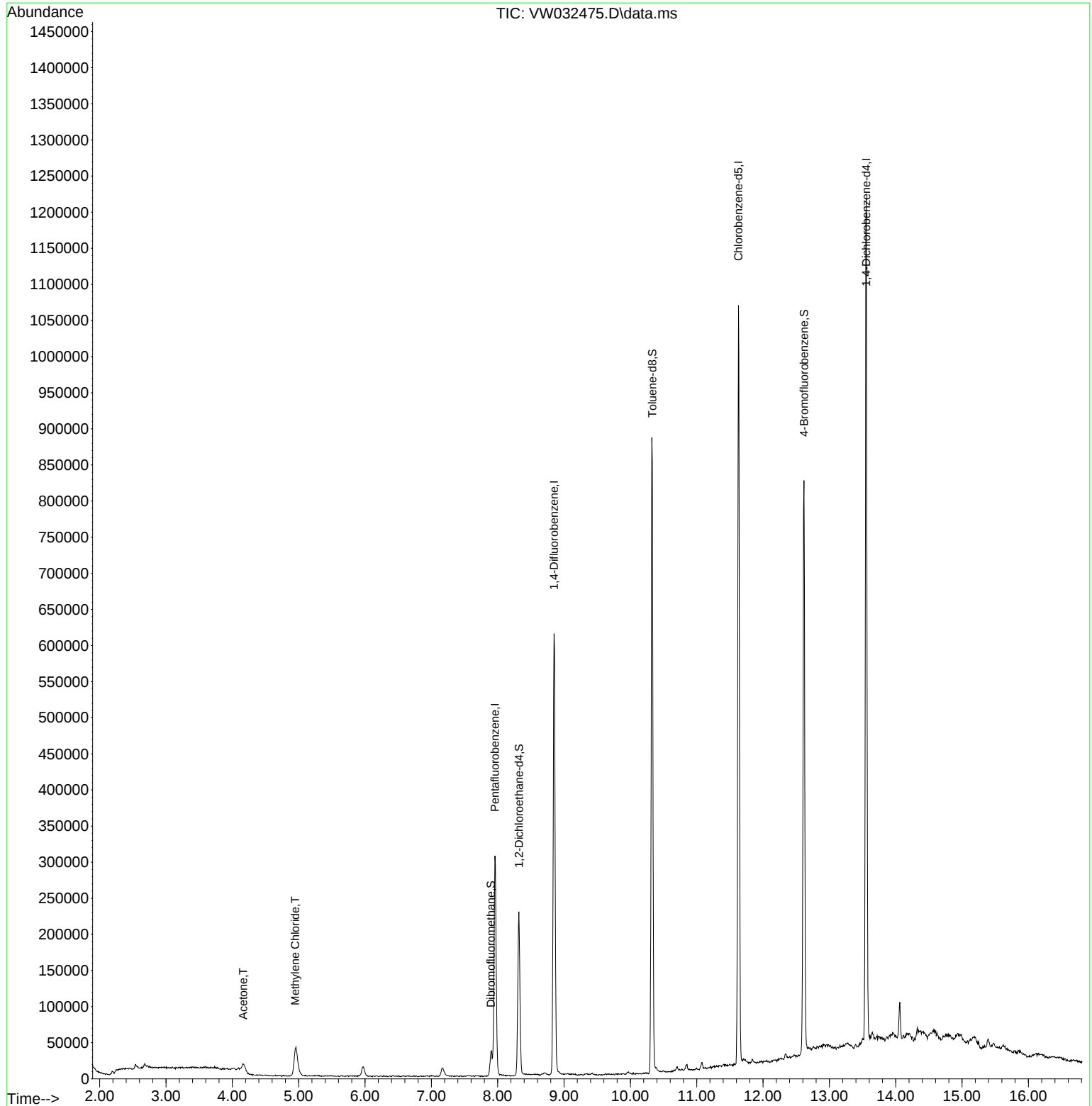
Internal Standards						
1) Pentafluorobenzene	7.959	168	214845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	517157	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	582037	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	313240	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	182410	65.855	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	131.720%
35) Dibromofluoromethane	7.898	113	25608	8.270	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	16.540%#
50) Toluene-d8	10.331	98	591627	49.806	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	99.620%
62) 4-Bromofluorobenzene	12.617	95	287568	64.085	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	128.180%
Target Compounds						
					Qvalue	
16) Acetone	4.161	43	15288	18.449	ug/l	95
20) Methylene Chloride	4.947	84	34722	11.716	ug/l	97

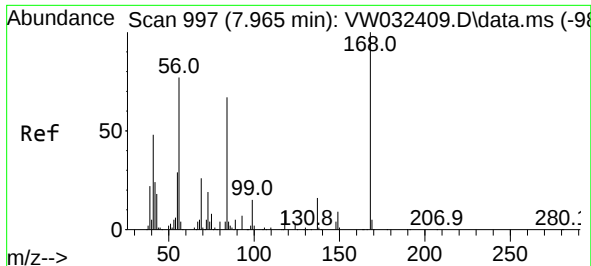
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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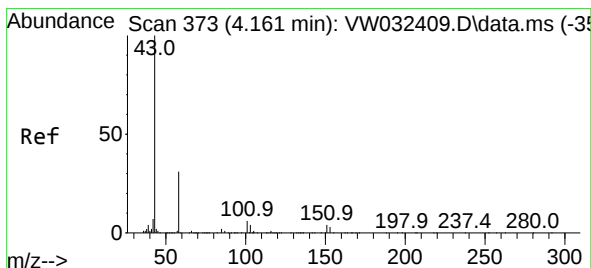
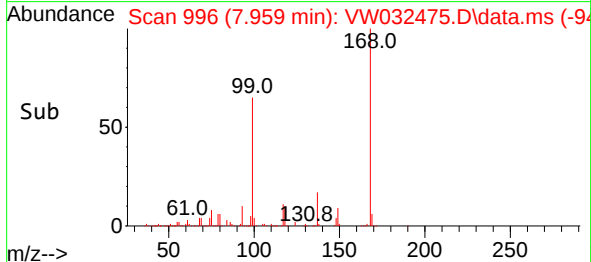
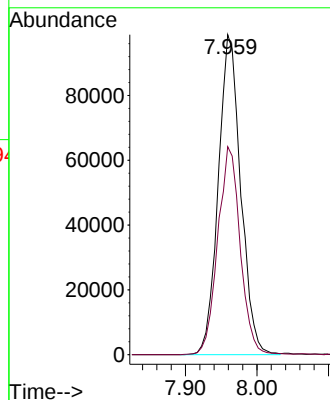
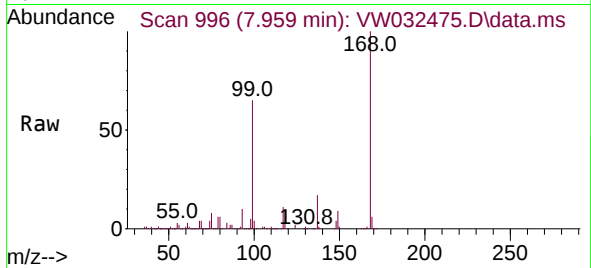




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW032475.D
Acq: 18 Nov 2025 12:56

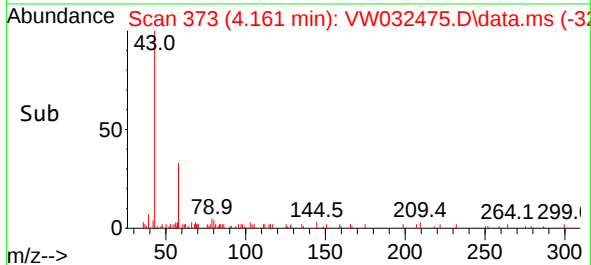
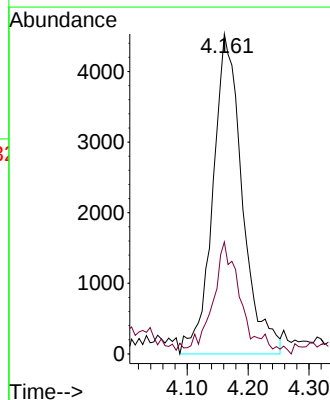
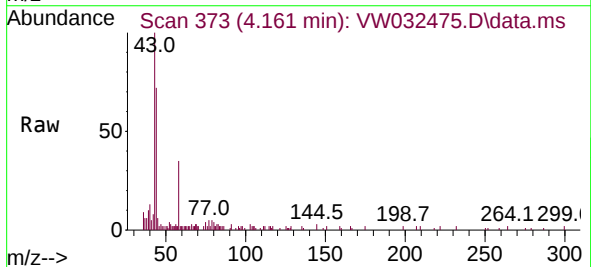
Instrument :
MSVOA_W
ClientSampleId :
TR-05-111325RE

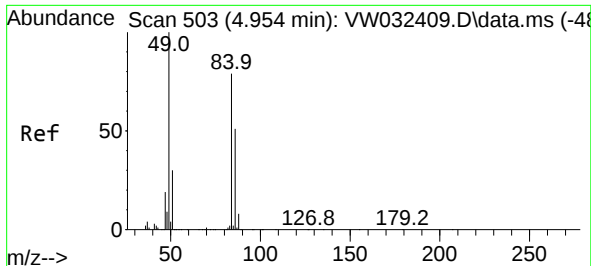
Tgt Ion:168 Resp: 214845
Ion Ratio Lower Upper
168 100
99 65.0 45.4 68.2



#16
Acetone
Concen: 18.449 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032475.D
Acq: 18 Nov 2025 12:56

Tgt Ion: 43 Resp: 15288
Ion Ratio Lower Upper
43 100
58 33.5 24.8 37.2

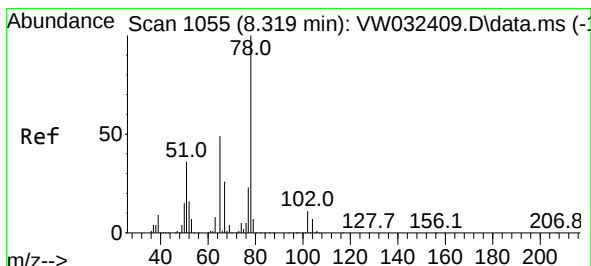
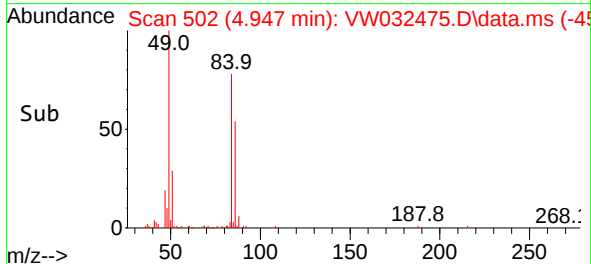
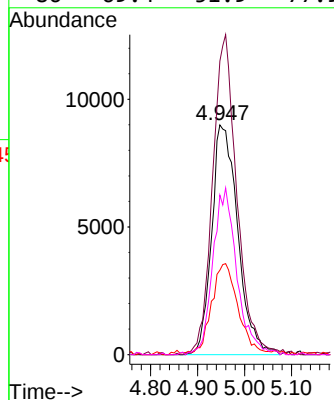
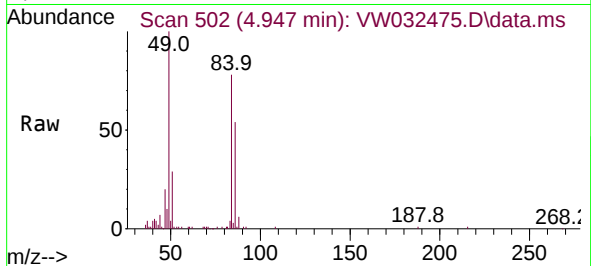




#20
Methylene Chloride
Concen: 11.716 ug/l
RT: 4.947 min Scan# 503
Delta R.T. -0.006 min
Lab File: VW032475.D
Acq: 18 Nov 2025 12:56

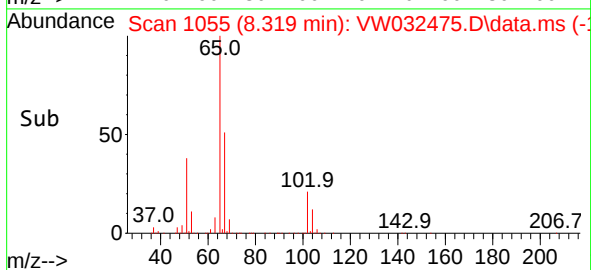
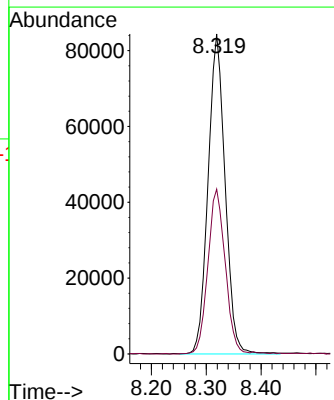
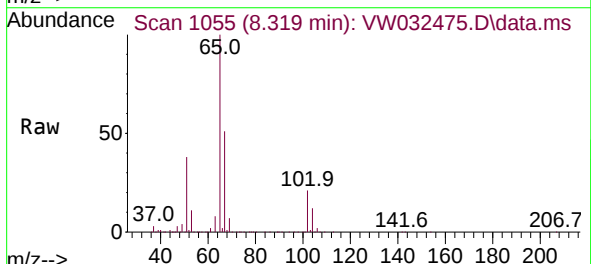
Instrument :
MSVOA_W
ClientSampleId :
TR-05-111325RE

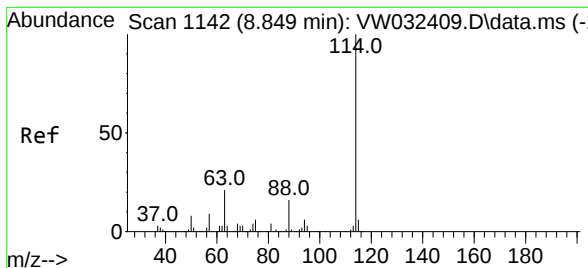
Tgt Ion:	84	Resp:	34722
Ion	Ratio	Lower	Upper
84	100		
49	127.8	101.5	152.3
51	35.7	30.6	46.0
86	69.4	51.9	77.9



#33
1,2-Dichloroethane-d4
Concen: 65.855 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032475.D
Acq: 18 Nov 2025 12:56

Tgt Ion:	65	Resp:	182410
Ion	Ratio	Lower	Upper
65	100		
67	52.3	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: VW032475.D

Acq: 18 Nov 2025 12:56

Instrument :

MSVOA_W

ClientSampleId :

TR-05-111325RE

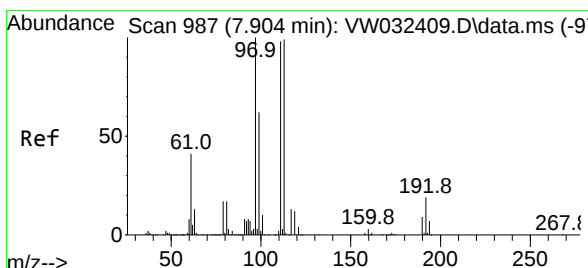
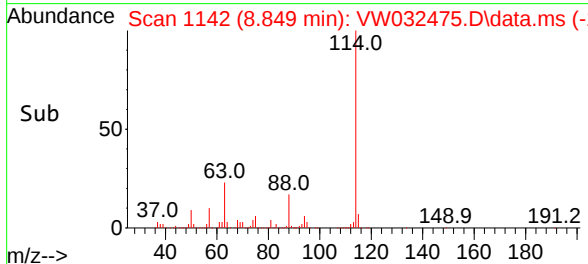
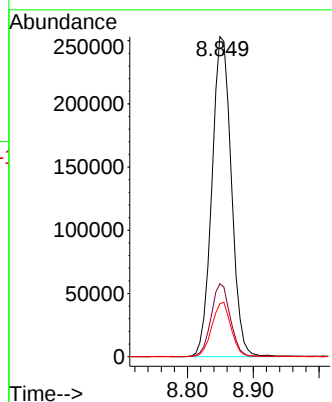
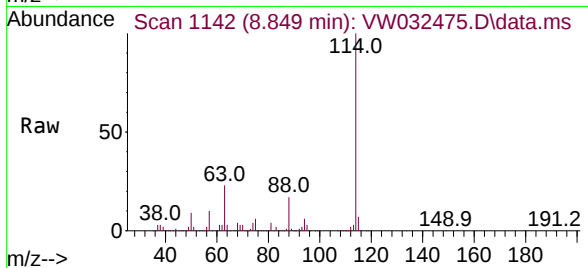
Tgt Ion:114 Resp: 517157

Ion Ratio Lower Upper

114 100

63 22.7 0.0 41.8

88 16.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 8.270 ug/l

RT: 7.898 min Scan# 986

Delta R.T. -0.006 min

Lab File: VW032475.D

Acq: 18 Nov 2025 12:56

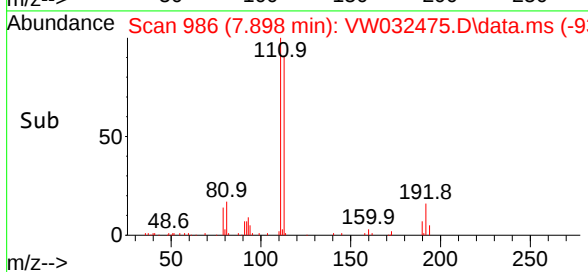
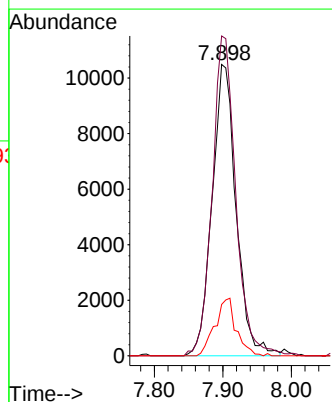
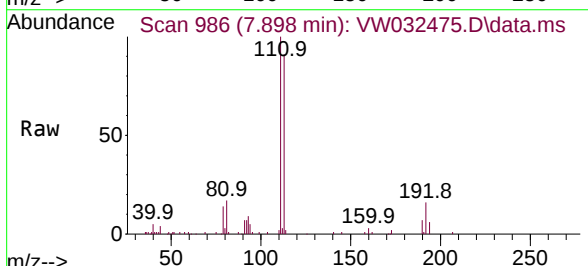
Tgt Ion:113 Resp: 25608

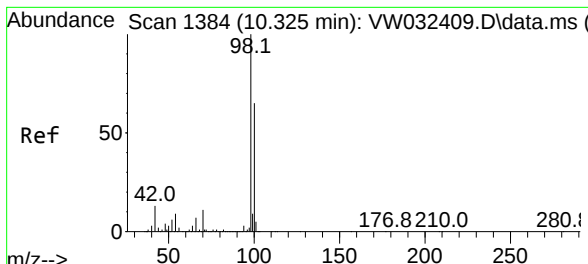
Ion Ratio Lower Upper

113 100

111 107.8 83.1 124.7

192 17.4 13.4 20.2

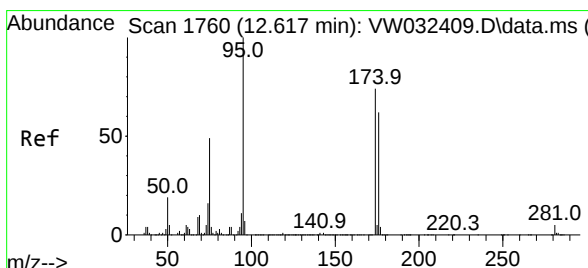
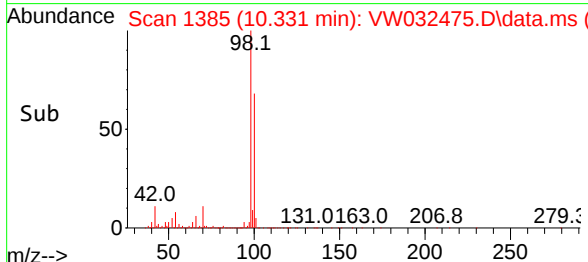
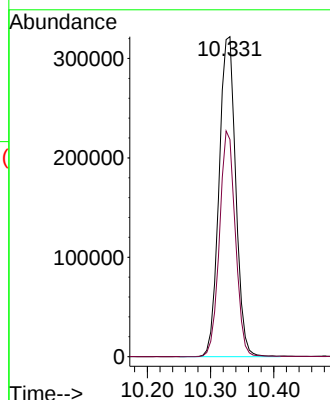
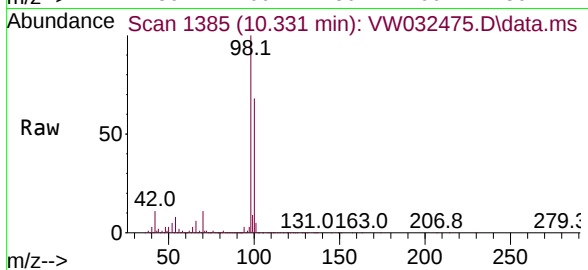




#50
Toluene-d8
Concen: 49.806 ug/l
RT: 10.331 min Scan# 1385
Delta R.T. 0.006 min
Lab File: VW032475.D
Acq: 18 Nov 2025 12:56

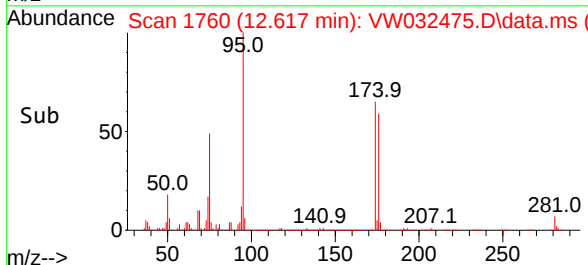
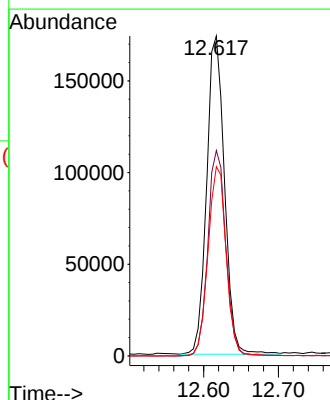
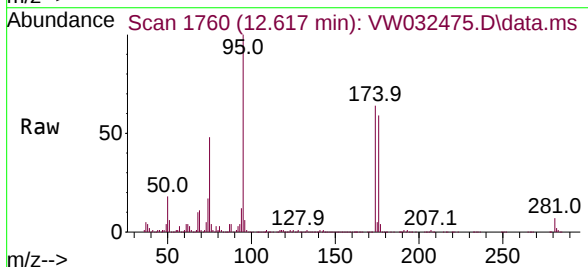
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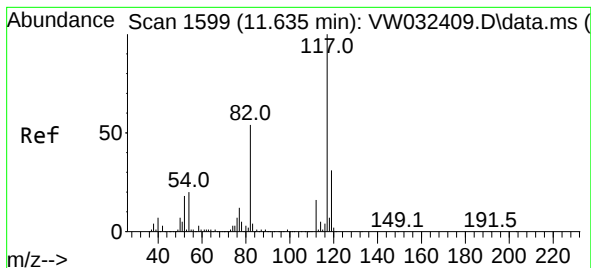
Tgt Ion: 98 Resp: 591627
Ion Ratio Lower Upper
98 100
100 67.1 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 64.085 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032475.D
Acq: 18 Nov 2025 12:56

Tgt Ion: 95 Resp: 287568
Ion Ratio Lower Upper
95 100
174 64.9 0.0 135.4
176 60.4 0.0 131.8

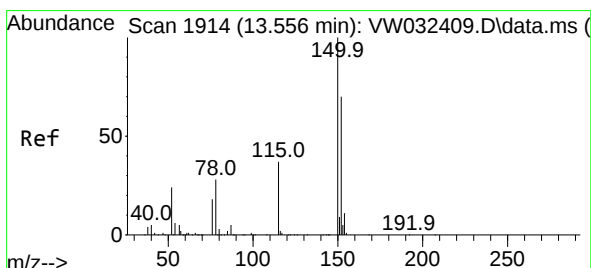
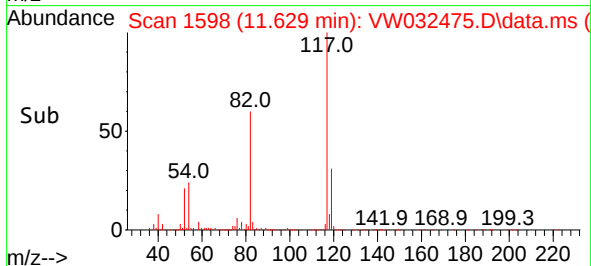
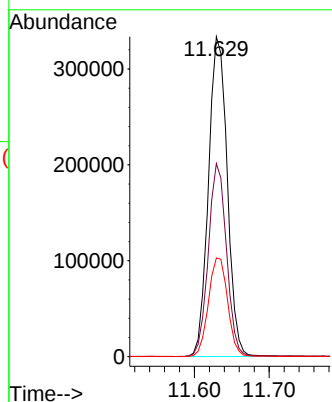
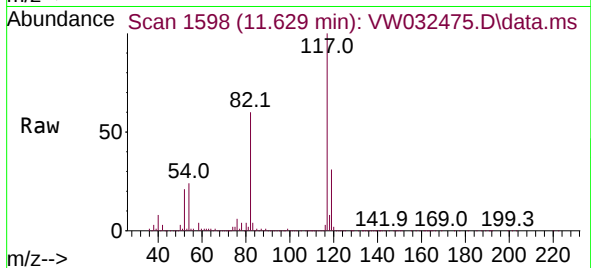




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032475.D
Acq: 18 Nov 2025 12:56

Instrument :
MSVOA_W
ClientSampleId :
TR-05-111325RE

Tgt Ion:117 Resp: 582037
Ion Ratio Lower Upper
117 100
82 60.3 43.0 64.4
119 30.8 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: VW032475.D
Acq: 18 Nov 2025 12:56

Tgt Ion:152 Resp: 313240
Ion Ratio Lower Upper
152 100
115 61.7 32.8 98.3
150 156.8 0.0 356.6

