

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120225\
 Data File : VY023861.D
 Acq On : 02 Dec 2025 15:57
 Operator : SY/MD
 Sample : Q3742-08
 Misc : 4.30g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1125-20

Quant Time: Dec 03 01:05:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 27 01:14:36 2025
 Response via : Initial Calibration

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

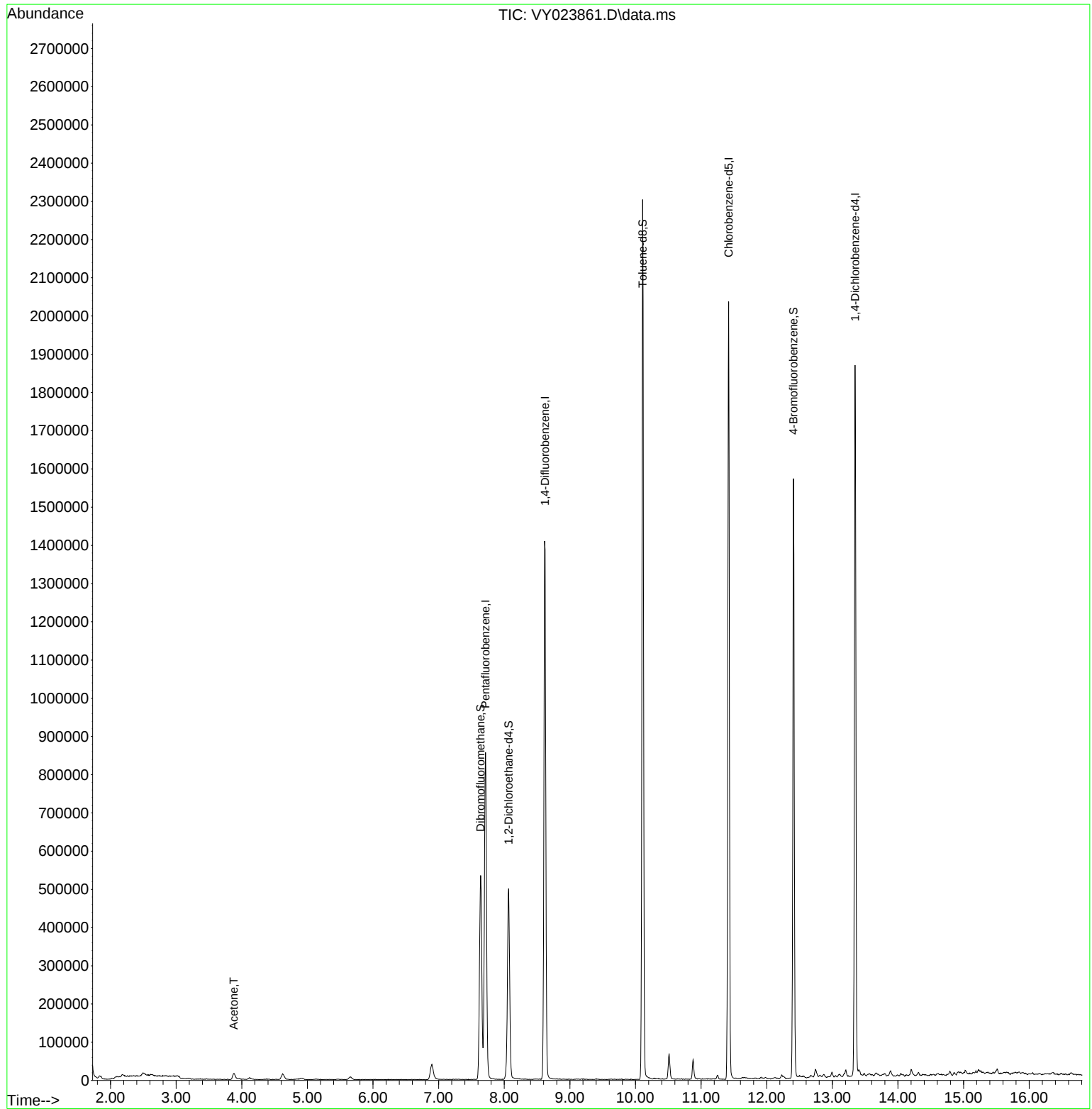
Internal Standards						
1) Pentafluorobenzene	7.713	168	669833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	1222438	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1079191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	471581	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	384278	58.910	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.820%
35) Dibromofluoromethane	7.640	113	386174	53.327	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.660%
50) Toluene-d8	10.109	98	1458895	50.720	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.440%
62) 4-Bromofluorobenzene	12.408	95	449272	47.471	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.940%
Target Compounds						
16) Acetone	3.879	43	30462	16.208	ug/l	Qvalue 92

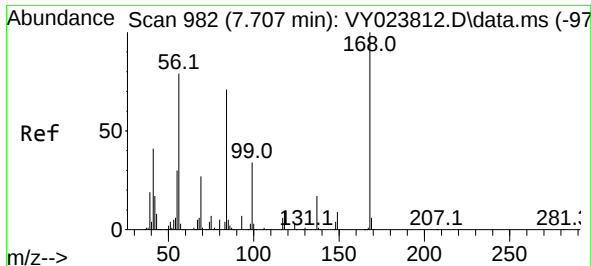
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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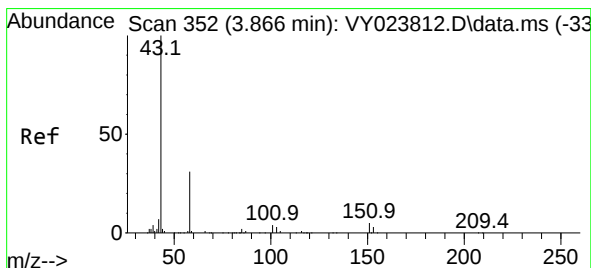
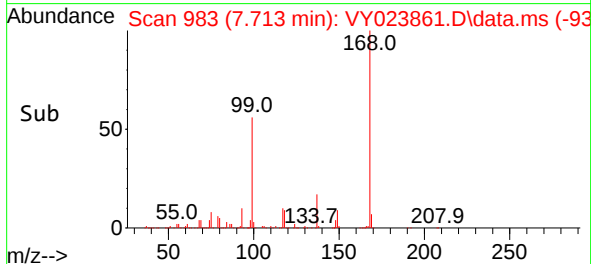
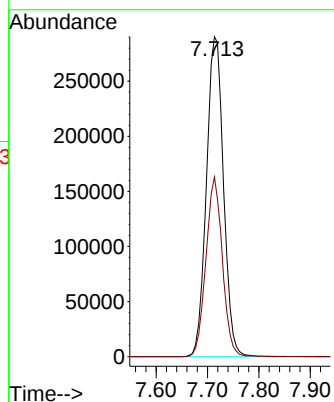
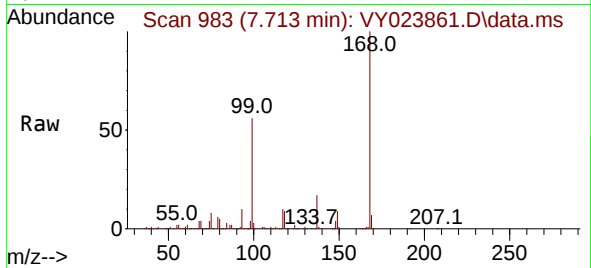




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023861.D
Acq: 02 Dec 2025 15:57

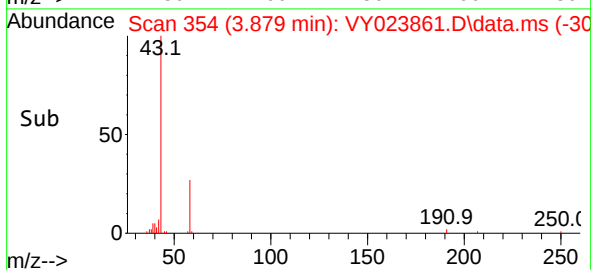
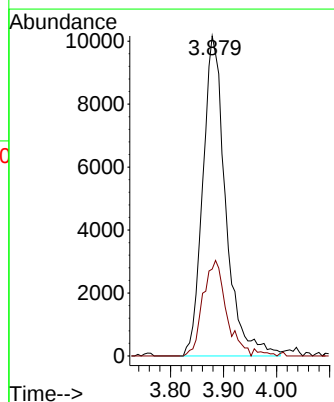
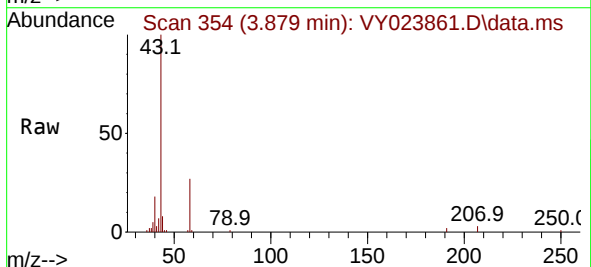
Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-20

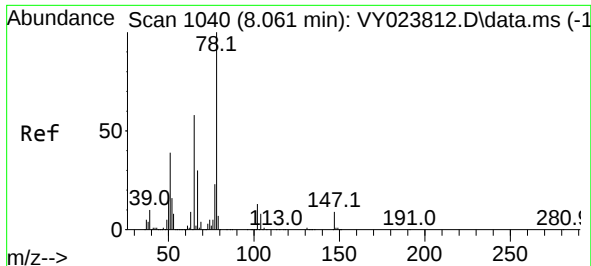
Tgt Ion:168 Resp: 669833
Ion Ratio Lower Upper
168 100
99 56.1 44.0 66.0



#16
Acetone
Concen: 16.208 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.012 min
Lab File: VY023861.D
Acq: 02 Dec 2025 15:57

Tgt Ion: 43 Resp: 30462
Ion Ratio Lower Upper
43 100
58 27.1 25.4 38.2





#33

1,2-Dichloroethane-d4

Concen: 58.910 ug/l

RT: 8.067 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023861.D

Acq: 02 Dec 2025 15:57

Instrument :

MSVOA_Y

ClientSampleId :

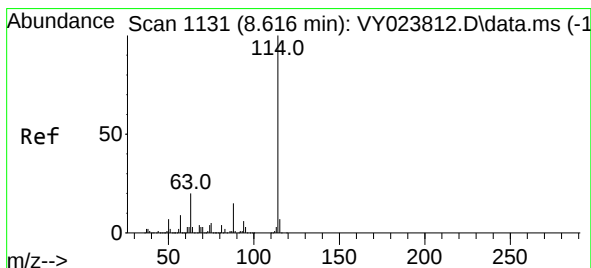
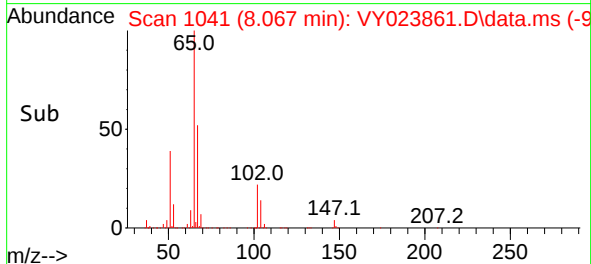
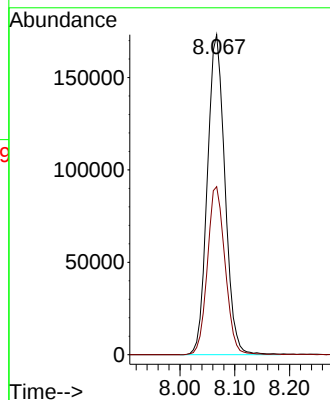
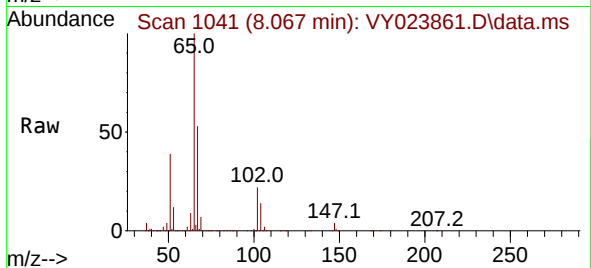
SB-1125-20

Tgt Ion: 65 Resp: 384278

Ion Ratio Lower Upper

65 100

67 52.9 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY023861.D

Acq: 02 Dec 2025 15:57

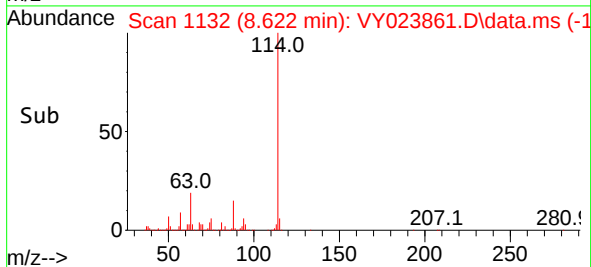
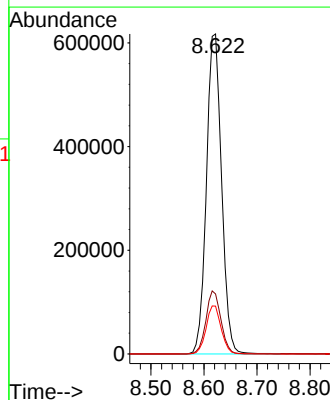
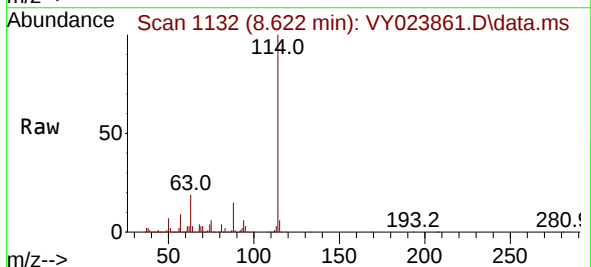
Tgt Ion:114 Resp: 1222438

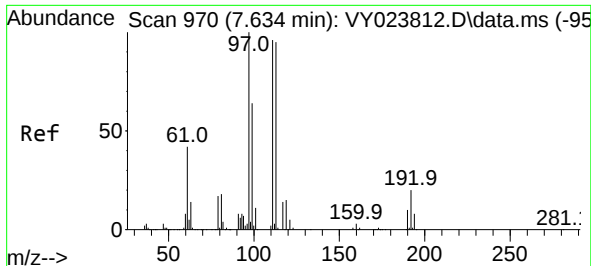
Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.4

88 14.9 0.0 30.8

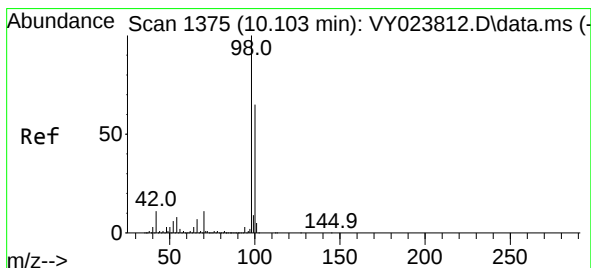
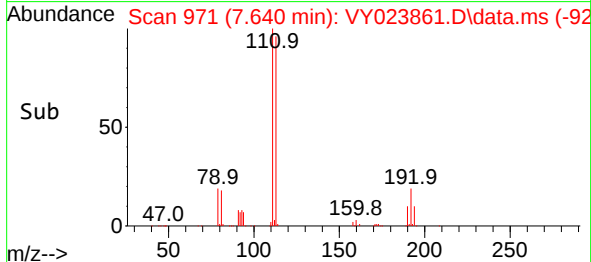
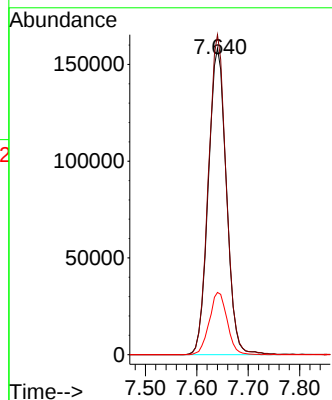
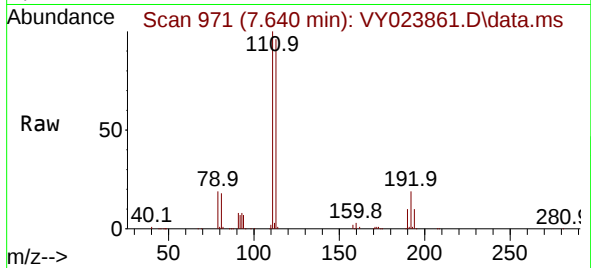




#35
Dibromofluoromethane
Concen: 53.327 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023861.D
Acq: 02 Dec 2025 15:57

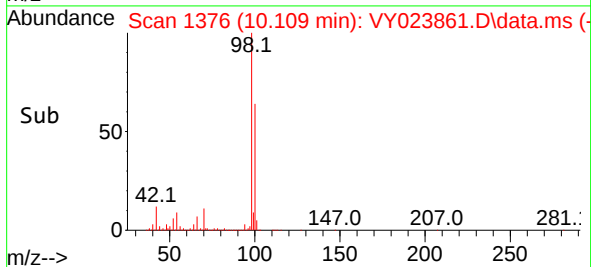
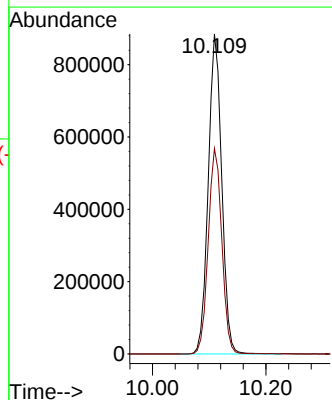
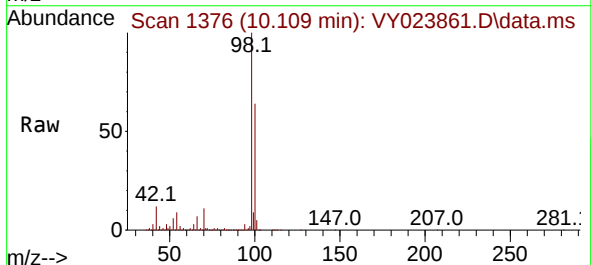
Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-20

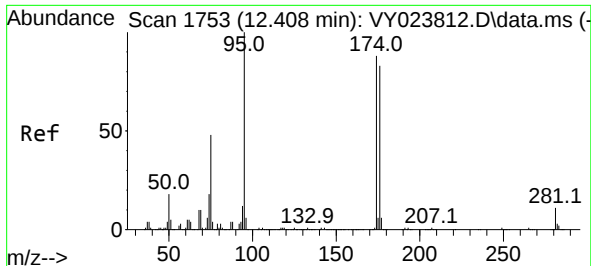
Tgt Ion:113 Resp: 386174
Ion Ratio Lower Upper
113 100
111 102.8 81.4 122.0
192 20.1 15.8 23.8



#50
Toluene-d8
Concen: 50.720 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023861.D
Acq: 02 Dec 2025 15:57

Tgt Ion: 98 Resp: 1458895
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9

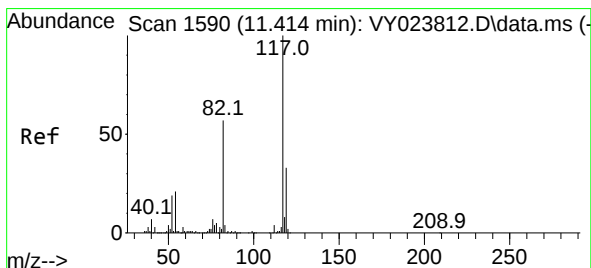
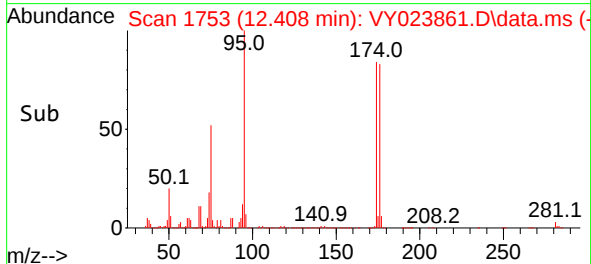
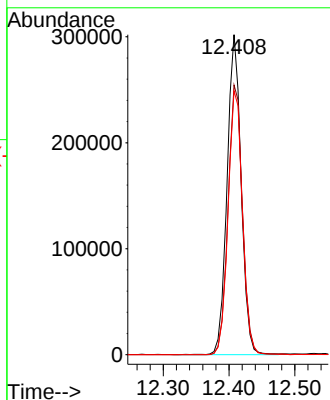
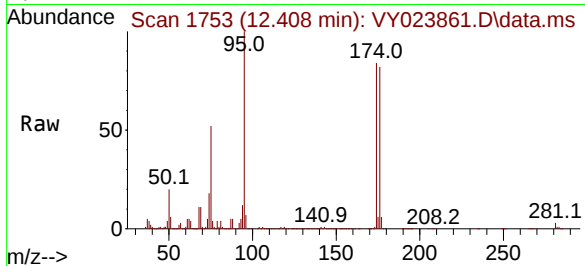




#62
4-Bromofluorobenzene
Concen: 47.471 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023861.D
Acq: 02 Dec 2025 15:57

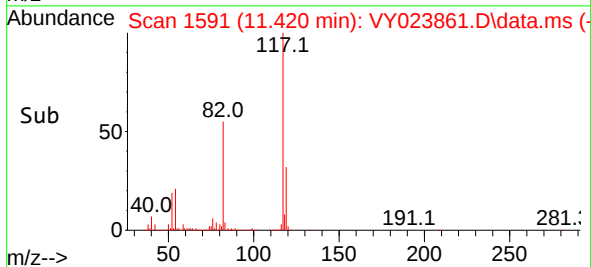
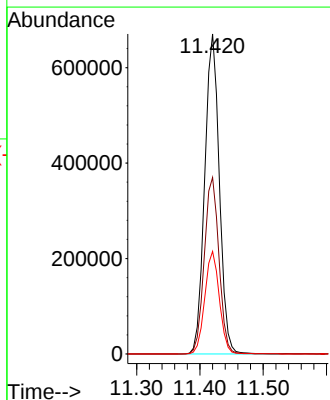
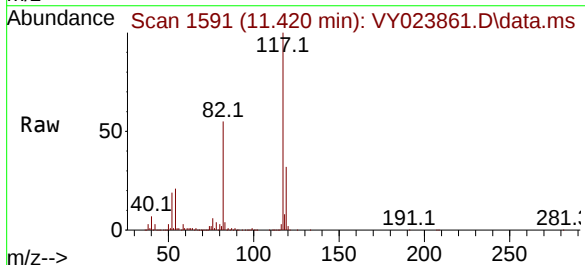
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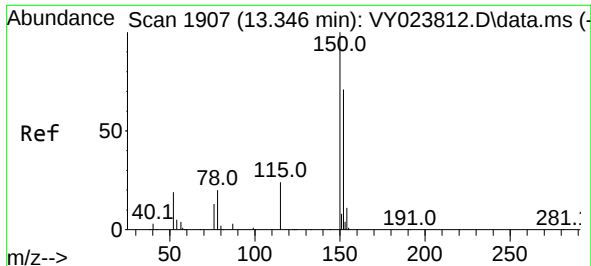
Tgt Ion: 95 Resp: 449272
Ion Ratio Lower Upper
95 100
174 86.6 0.0 168.6
176 84.2 0.0 164.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY023861.D
Acq: 02 Dec 2025 15:57

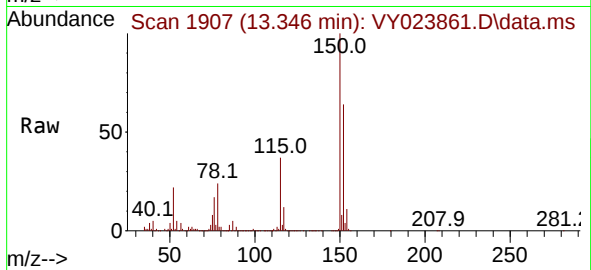
Tgt Ion: 117 Resp: 1079191
Ion Ratio Lower Upper
117 100
82 55.2 45.4 68.0
119 32.1 26.0 39.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY023861.D
 Acq: 02 Dec 2025 15:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1125-20



Tgt Ion:	152	Resp:	471581
Ion	Ratio	Lower	Upper
152	100		
115	57.6	28.7	86.3
150	155.4	0.0	345.6

