

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
 Data File : VY023890.D
 Acq On : 04 Dec 2025 13:32
 Operator : SY/MD
 Sample : Q3742-18
 Misc : 4.82g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1125-24

Quant Time: Dec 05 01:46:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 03:49:13 2025
 Response via : Initial Calibration

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

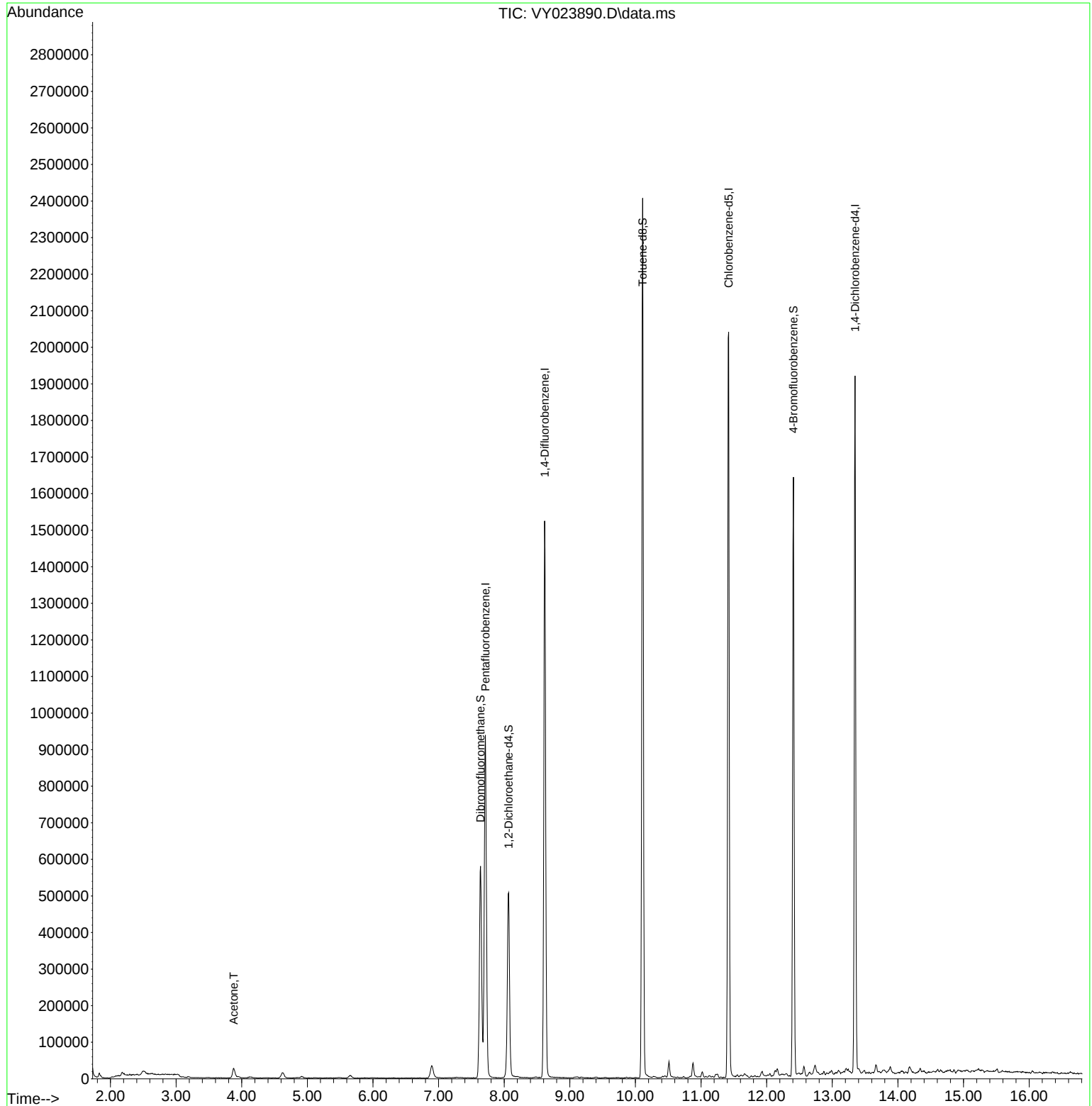
Internal Standards						
1) Pentafluorobenzene	7.713	168	754176	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1322794	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1144208	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	497891	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	398649	52.840	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.680%
35) Dibromofluoromethane	7.640	113	415857	49.016	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.040%
50) Toluene-d8	10.109	98	1529804	46.337	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.680%
62) 4-Bromofluorobenzene	12.408	95	467005	41.472	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.940%
Target Compounds						
16) Acetone	3.879	43	45373	20.070	ug/l	Qvalue 100

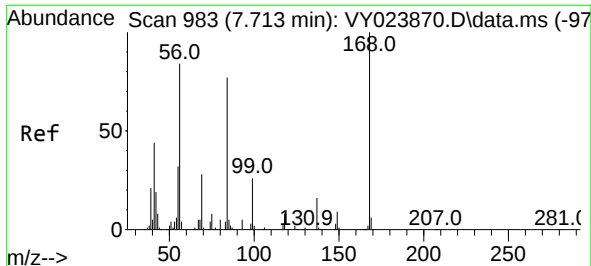
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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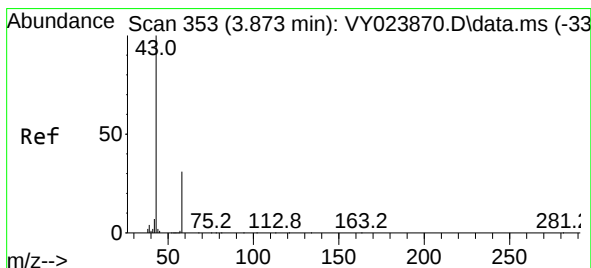
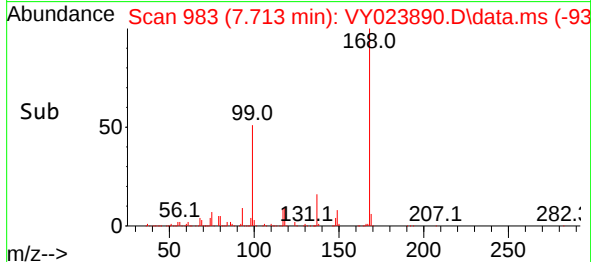
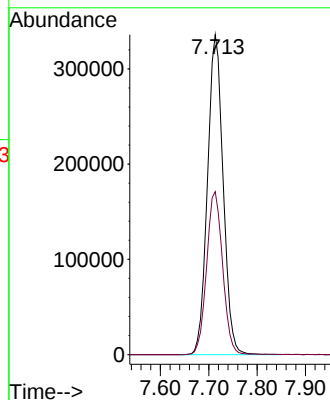
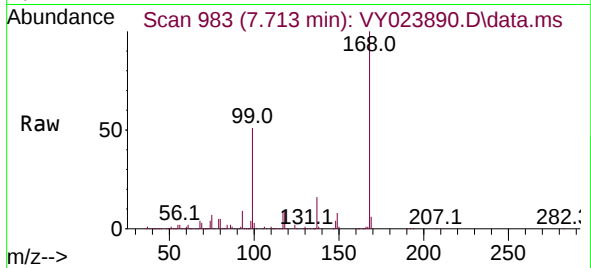




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY023890.D
Acq: 04 Dec 2025 13:32

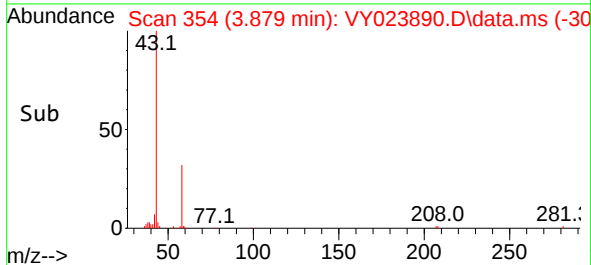
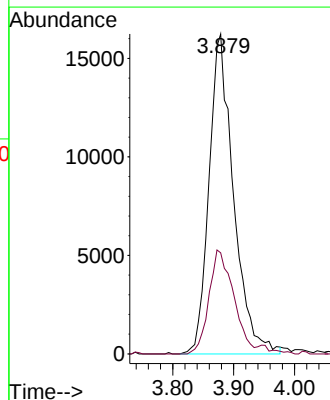
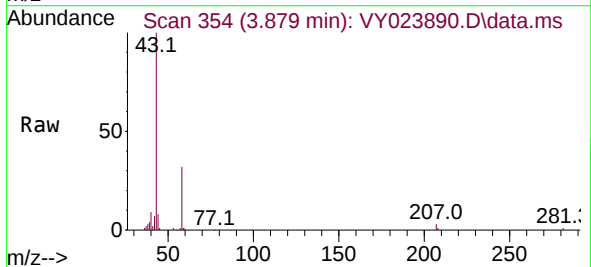
Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-24

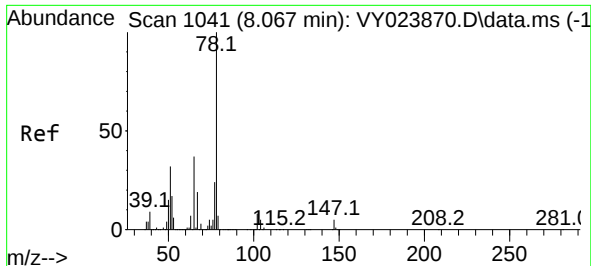
Tgt Ion:168 Resp: 754176
Ion Ratio Lower Upper
168 100
99 50.9 42.5 63.7



#16
Acetone
Concen: 20.070 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY023890.D
Acq: 04 Dec 2025 13:32

Tgt Ion: 43 Resp: 45373
Ion Ratio Lower Upper
43 100
58 31.6 25.1 37.7





#33

1,2-Dichloroethane-d4

Concen: 52.840 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VY023890.D

Acq: 04 Dec 2025 13:32

Instrument :

MSVOA_Y

ClientSampleId :

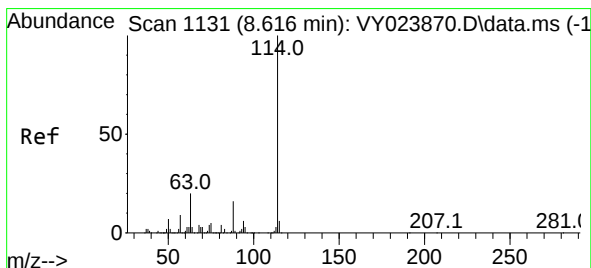
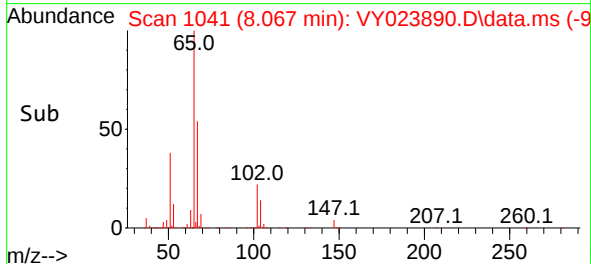
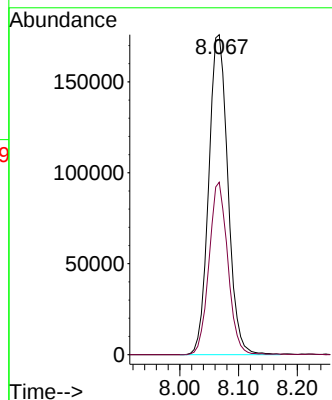
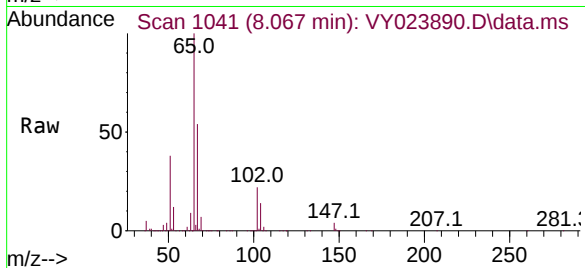
SB-1125-24

Tgt Ion: 65 Resp: 398649

Ion Ratio Lower Upper

65 100

67 52.6 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023890.D

Acq: 04 Dec 2025 13:32

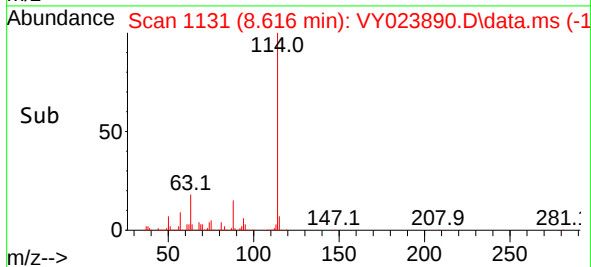
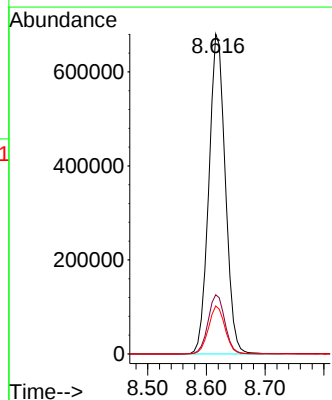
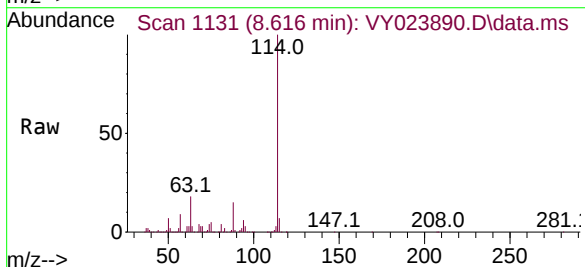
Tgt Ion: 114 Resp: 1322794

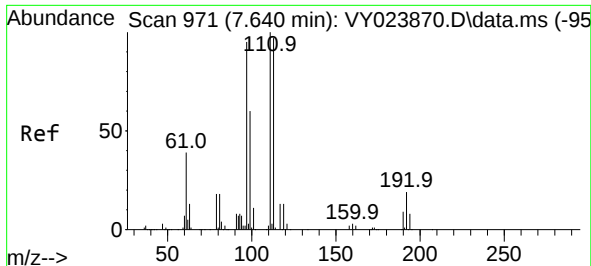
Ion Ratio Lower Upper

114 100

63 18.5 0.0 39.2

88 15.0 0.0 31.4

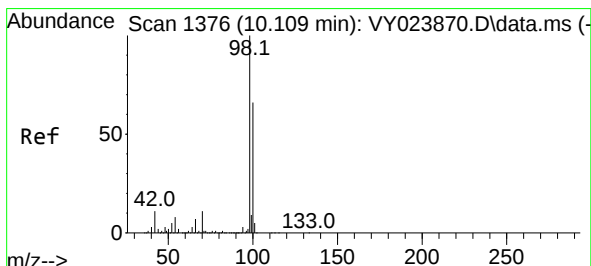
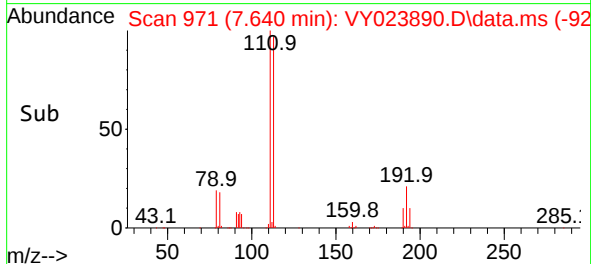
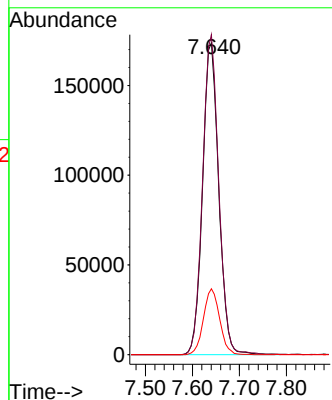
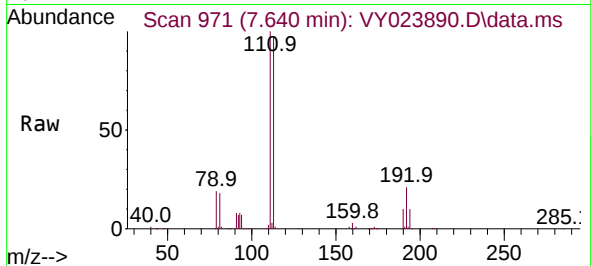




#35
Dibromofluoromethane
Concen: 49.016 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023890.D
Acq: 04 Dec 2025 13:32

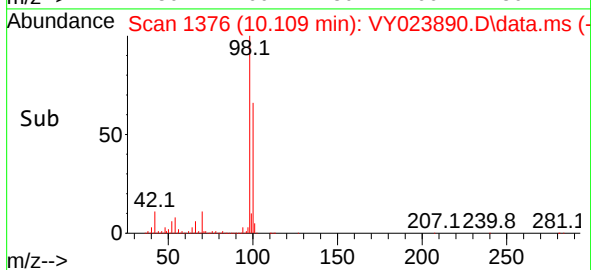
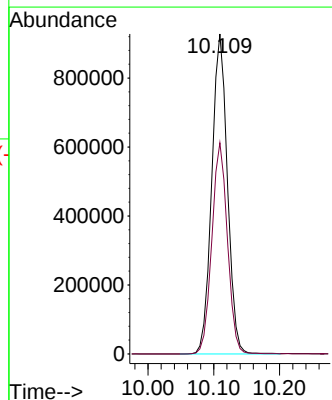
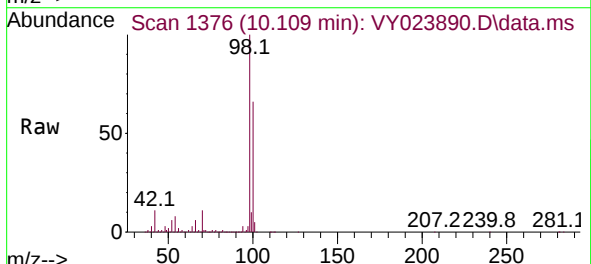
Instrument :
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SB-1125-24

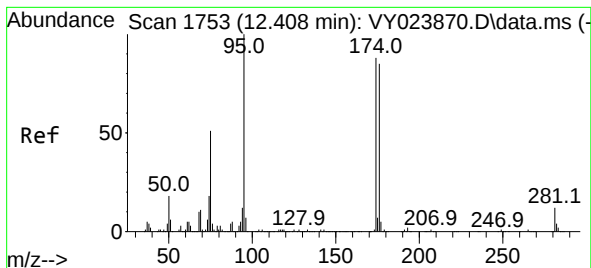
Tgt Ion:113 Resp: 415857
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 21.1 15.8 23.8



#50
Toluene-d8
Concen: 46.337 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY023890.D
Acq: 04 Dec 2025 13:32

Tgt Ion: 98 Resp: 1529804
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7

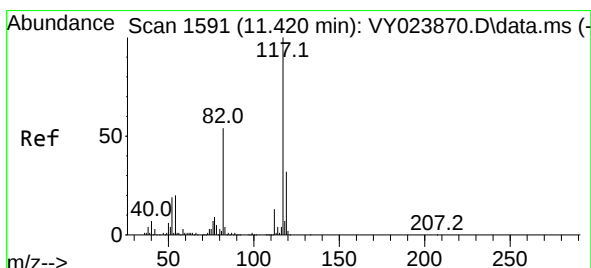
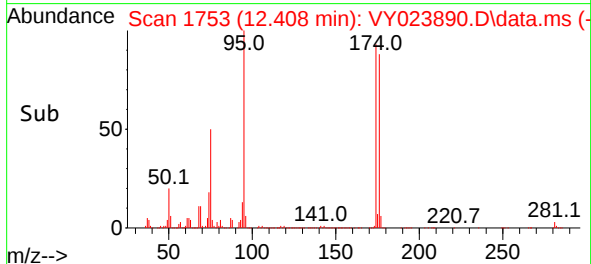
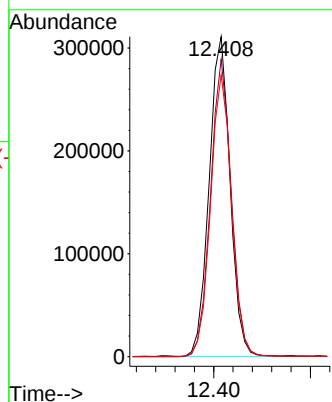
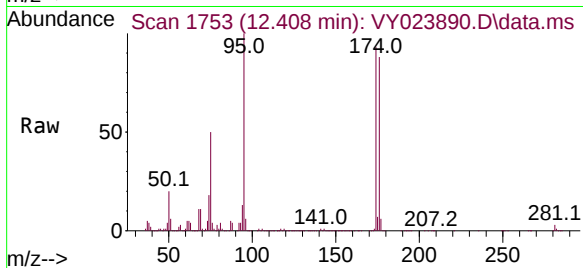




#62
4-Bromofluorobenzene
Concen: 41.472 ug/l
RT: 12.408 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023890.D
Acq: 04 Dec 2025 13:32

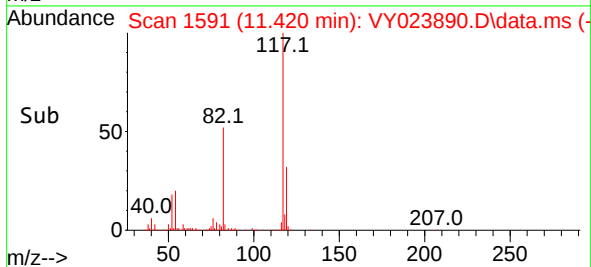
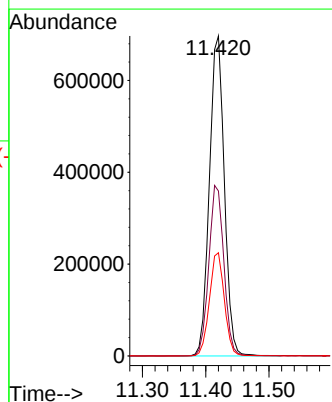
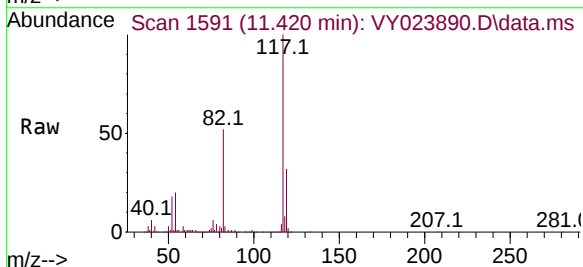
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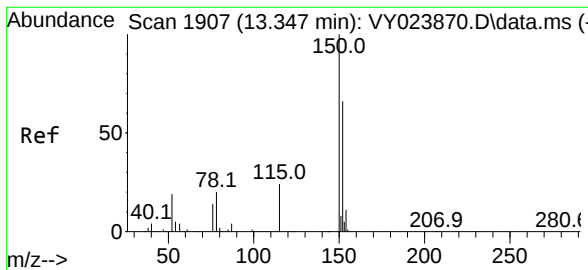
Tgt Ion: 95 Resp: 467005
Ion Ratio Lower Upper
95 100
174 92.9 0.0 169.6
176 88.6 0.0 164.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY023890.D
Acq: 04 Dec 2025 13:32

Tgt Ion: 117 Resp: 1144208
Ion Ratio Lower Upper
117 100
82 51.5 43.1 64.7
119 32.2 26.0 39.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY023890.D
 Acq: 04 Dec 2025 13:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1125-24

Tgt Ion:152 Resp: 497891
 Ion Ratio Lower Upper
 152 100
 115 55.6 28.8 86.4
 150 155.4 0.0 352.2

