

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
 Data File : VY023893.D
 Acq On : 04 Dec 2025 14:43
 Operator : SY/MD
 Sample : Q3742-09
 Misc : 5.33g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1125-22

Quant Time: Dec 05 01:47:31 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)

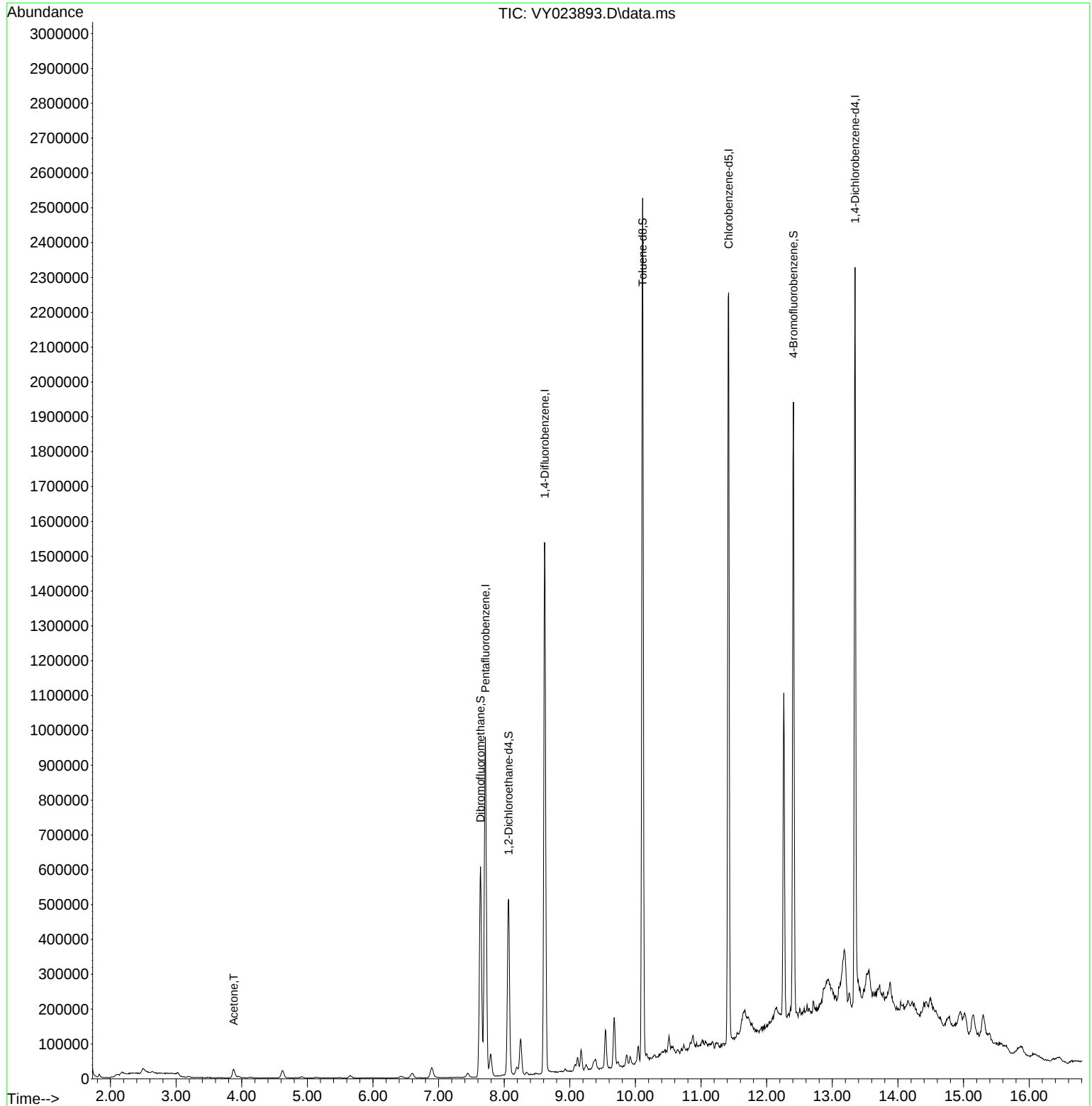
Internal Standards						
1) Pentafluorobenzene	7.713	168	803856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1376820	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1230434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	551526	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	402804	50.091	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.180%
35) Dibromofluoromethane	7.640	113	430165	48.713	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.420%
50) Toluene-d8	10.109	98	1622450	47.215	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.420%
62) 4-Bromofluorobenzene	12.408	95	523698	44.682	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.360%
Target Compounds						
16) Acetone	3.879	43	44522	18.477	ug/l	Qvalue 96

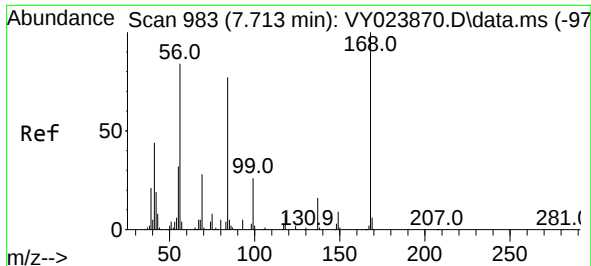
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
Data File : VY023893.D
Acq On : 04 Dec 2025 14:43
Operator : SY/MD
Sample : Q3742-09
Misc : 5.33g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-22

Quant Time: Dec 05 01:47:31 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

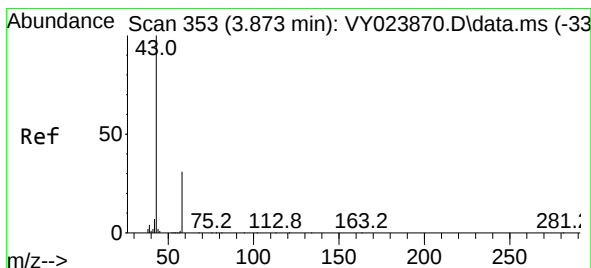
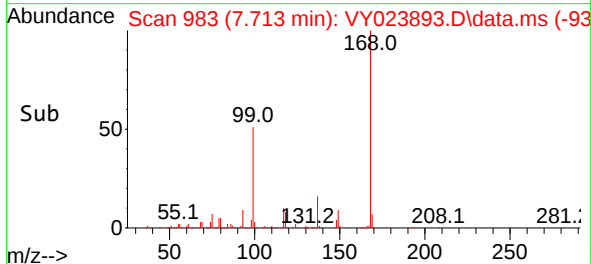
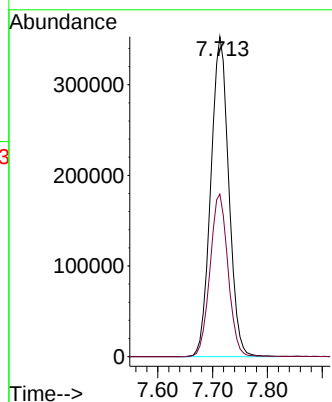
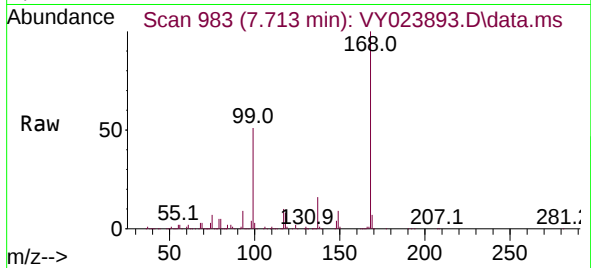




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY023893.D
Acq: 04 Dec 2025 14:43

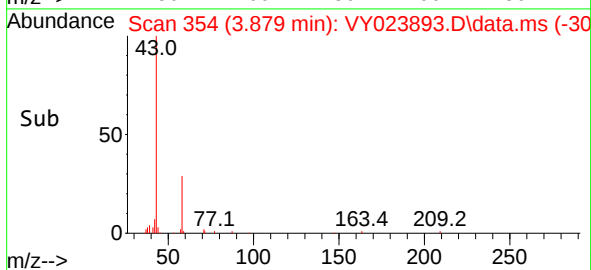
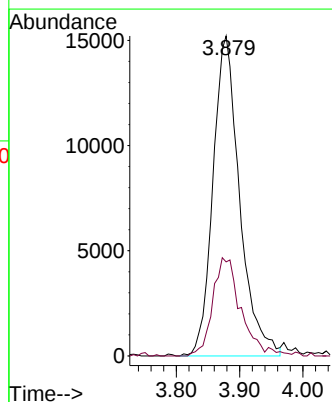
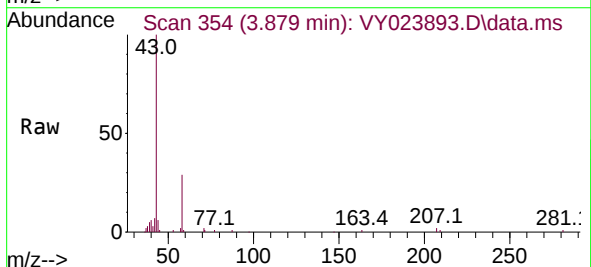
Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-22

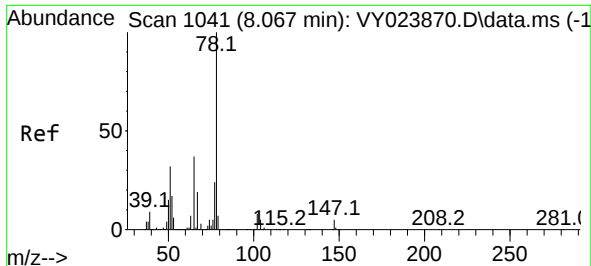
Tgt Ion:168 Resp: 803856
Ion Ratio Lower Upper
168 100
99 50.8 42.5 63.7



#16
Acetone
Concen: 18.477 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY023893.D
Acq: 04 Dec 2025 14:43

Tgt Ion: 43 Resp: 44522
Ion Ratio Lower Upper
43 100
58 29.4 25.1 37.7





#33

1,2-Dichloroethane-d4

Concen: 50.091 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VY023893.D

Acq: 04 Dec 2025 14:43

Instrument :

MSVOA_Y

ClientSampleId :

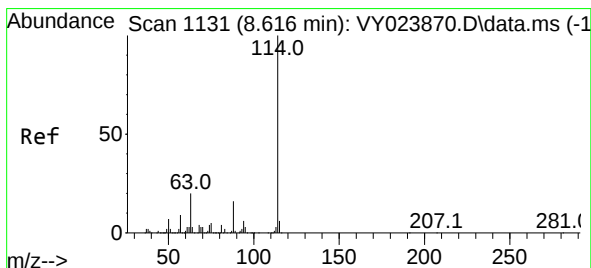
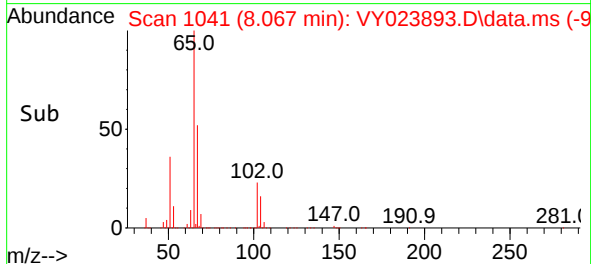
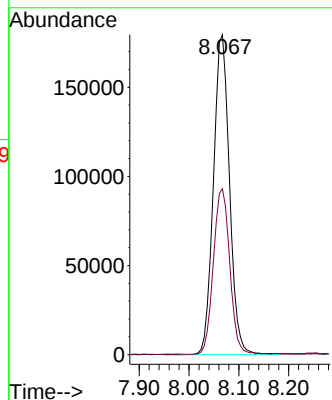
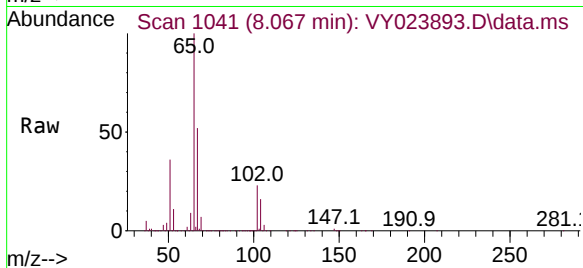
SB-1125-22

Tgt Ion: 65 Resp: 402804

Ion Ratio Lower Upper

65 100

67 52.8 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: VY023893.D

Acq: 04 Dec 2025 14:43

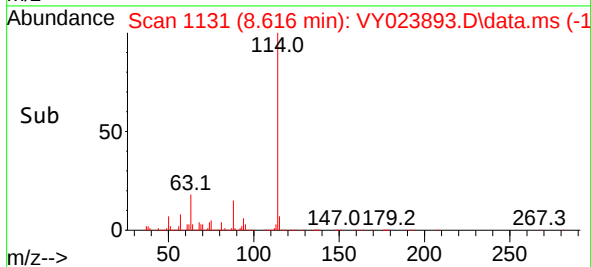
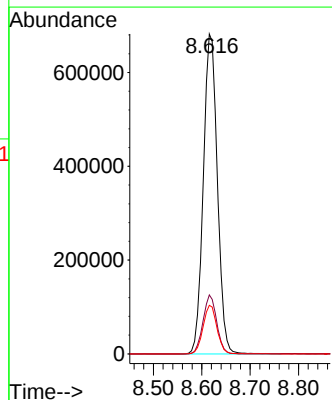
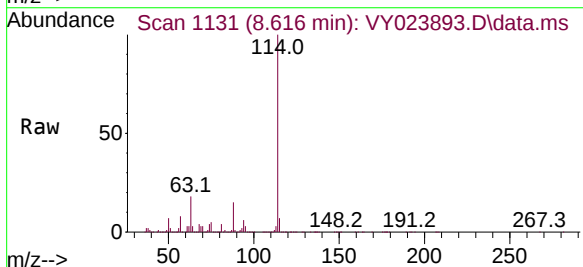
Tgt Ion: 114 Resp: 1376820

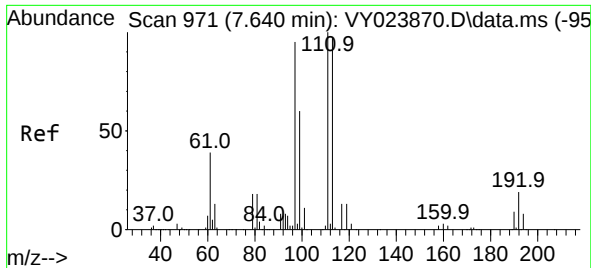
Ion Ratio Lower Upper

114 100

63 18.4 0.0 39.2

88 15.2 0.0 31.4

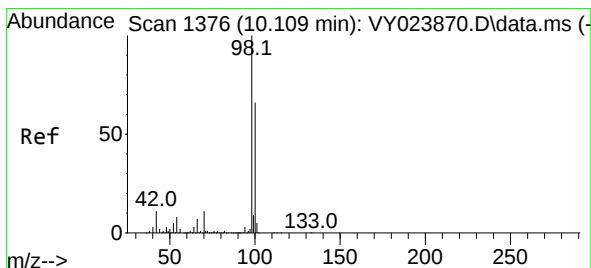
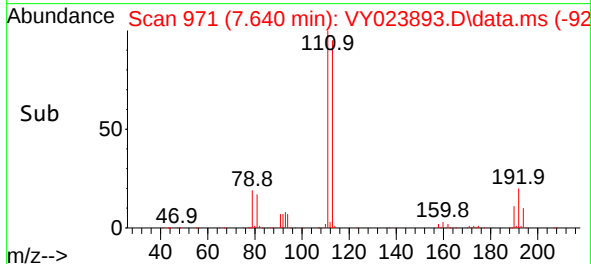
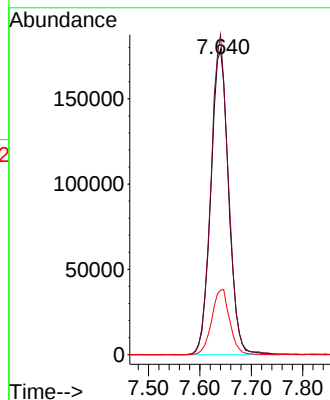
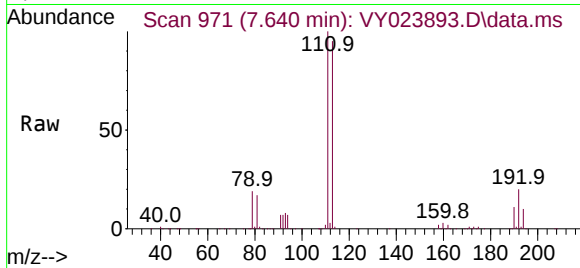




#35
Dibromofluoromethane
Concen: 48.713 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023893.D
Acq: 04 Dec 2025 14:43

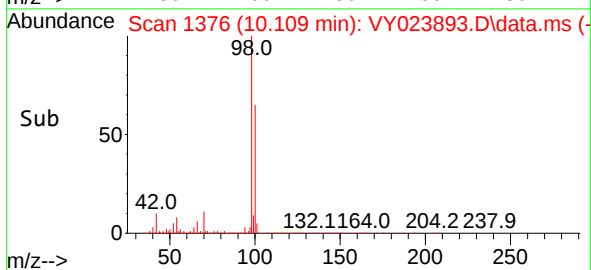
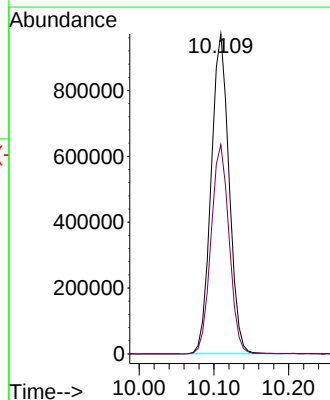
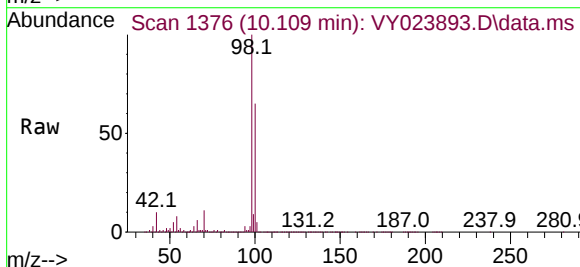
Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-22

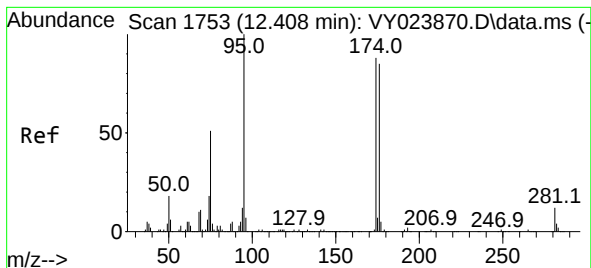
Tgt Ion:113 Resp: 430165
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 21.4 15.8 23.8



#50
Toluene-d8
Concen: 47.215 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY023893.D
Acq: 04 Dec 2025 14:43

Tgt Ion: 98 Resp: 1622450
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7

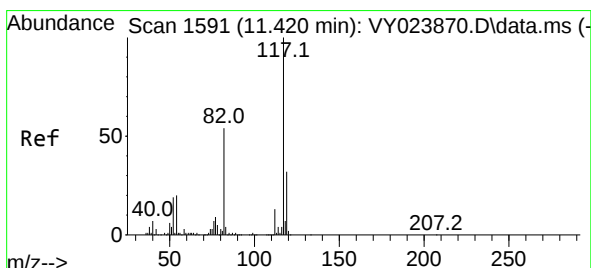
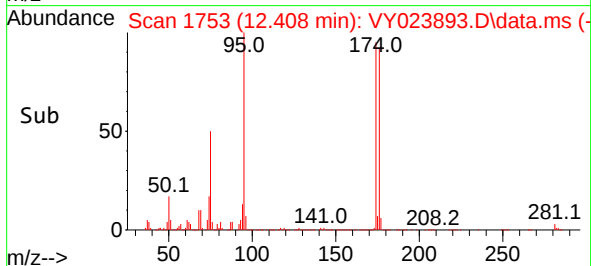
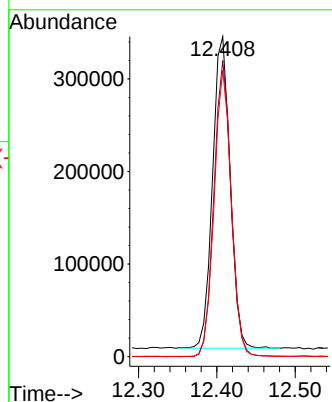
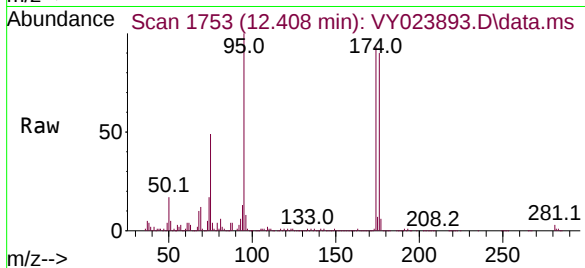




#62
4-Bromofluorobenzene
Concen: 44.682 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY023893.D
Acq: 04 Dec 2025 14:43

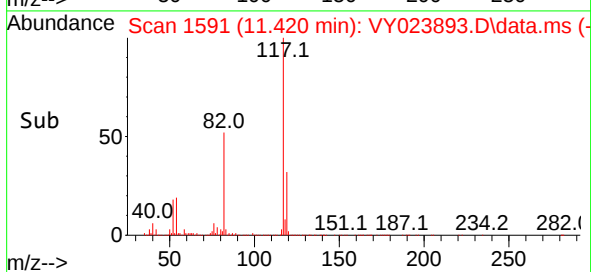
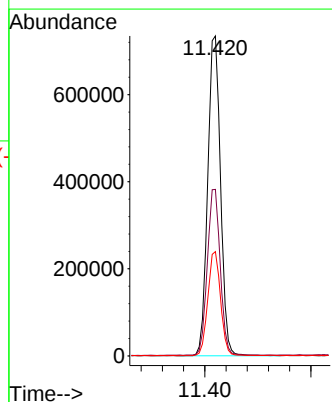
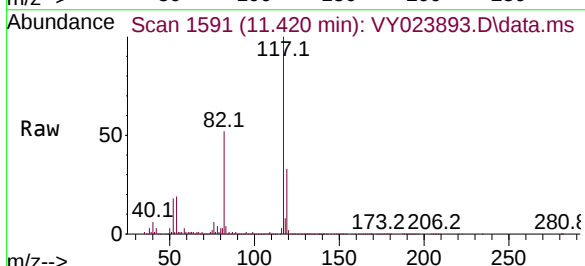
Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-22

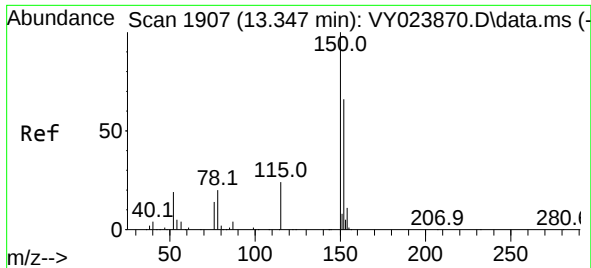
Tgt Ion: 95 Resp: 523698
Ion Ratio Lower Upper
95 100
174 93.7 0.0 169.6
176 89.8 0.0 164.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY023893.D
Acq: 04 Dec 2025 14:43

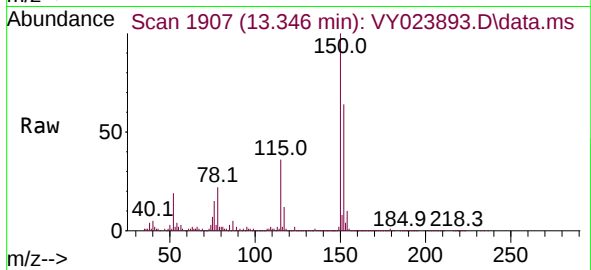
Tgt Ion: 117 Resp: 1230434
Ion Ratio Lower Upper
117 100
82 51.8 43.1 64.7
119 32.5 26.0 39.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 19
 Delta R.T. -0.000 min
 Lab File: VY023893.D
 Acq: 04 Dec 2025 14:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1125-22



Tgt Ion:152 Resp: 551526
 Ion Ratio Lower Upper
 152 100
 115 54.9 28.8 86.4
 150 155.3 0.0 352.2

