

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
 Data File : VY023889.D
 Acq On : 04 Dec 2025 13:09
 Operator : SY/MD
 Sample : Q3742-17
 Misc : 4.66g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1125-25

Quant Time: Dec 05 01:46:04 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)

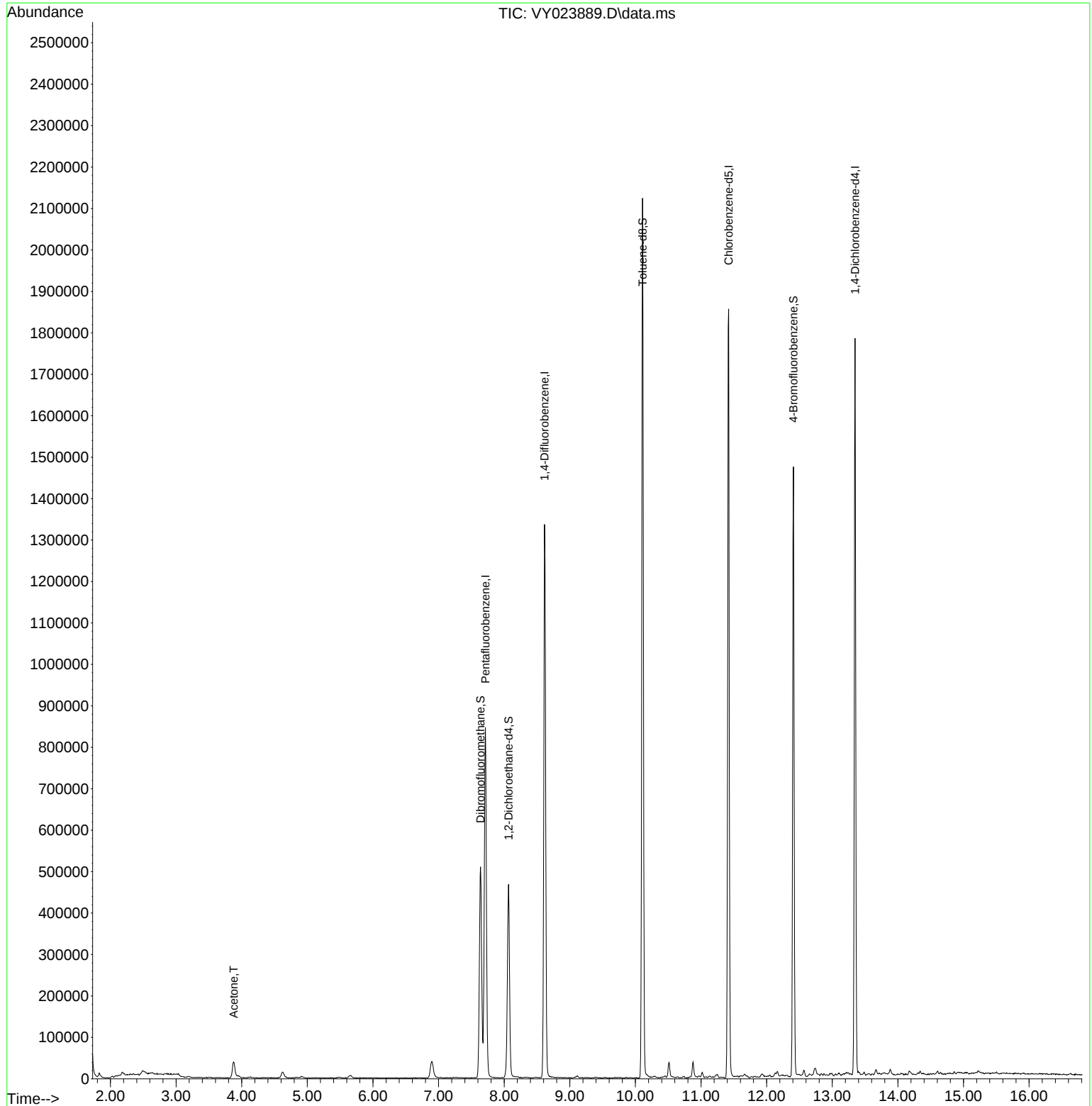
Internal Standards						
1) Pentafluorobenzene	7.713	168	676192	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1168984	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1032423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	459524	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	362112	53.532	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.060%
35) Dibromofluoromethane	7.640	113	375395	50.069	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.140%
50) Toluene-d8	10.109	98	1359016	46.580	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.160%
62) 4-Bromofluorobenzene	12.408	95	429811	43.191	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.380%
Target Compounds						
16) Acetone	3.879	43	70955	35.006	ug/l	Qvalue 95

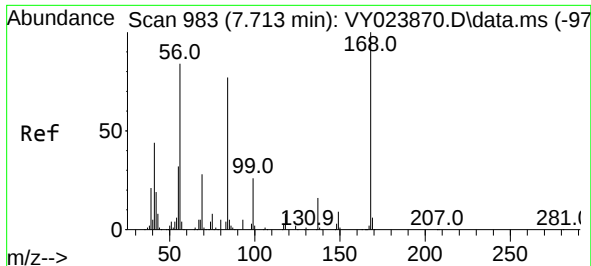
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
Data File : VY023889.D
Acq On : 04 Dec 2025 13:09
Operator : SY/MD
Sample : Q3742-17
Misc : 4.66g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-25

Quant Time: Dec 05 01:46:04 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

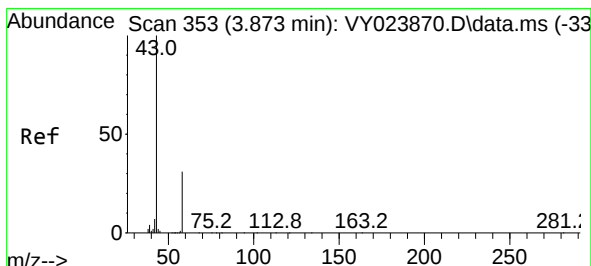
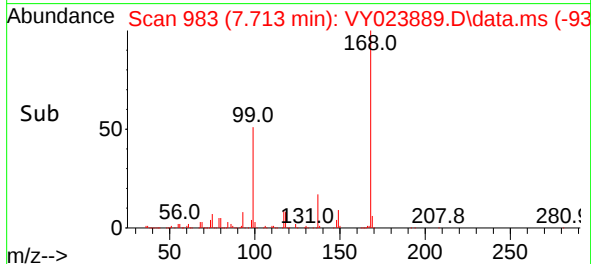
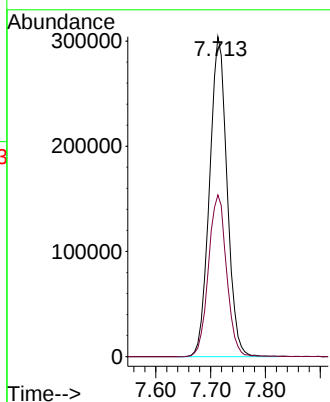
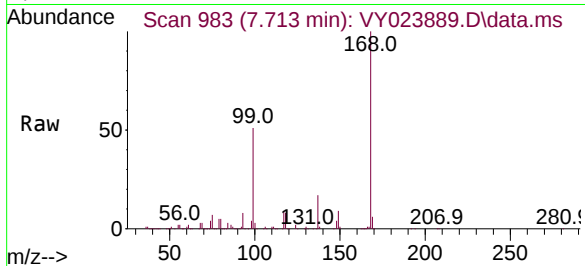




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY023889.D
Acq: 04 Dec 2025 13:09

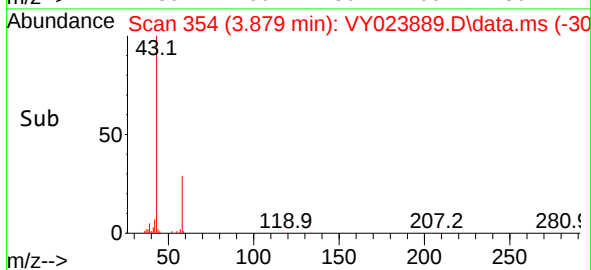
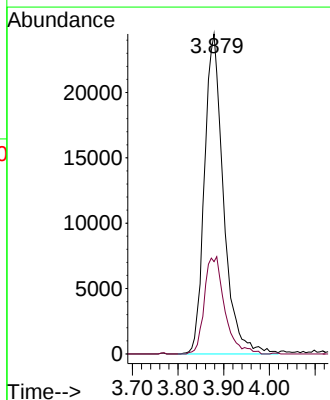
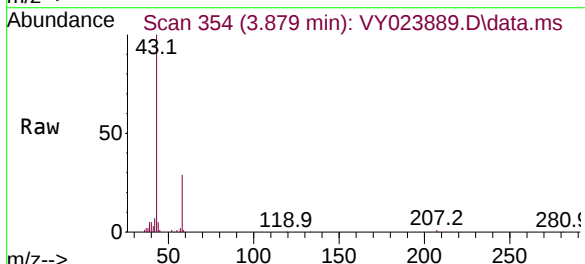
Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-25

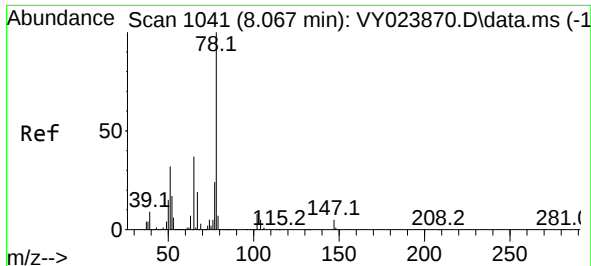
Tgt Ion:168 Resp: 676192
Ion Ratio Lower Upper
168 100
99 50.5 42.5 63.7



#16
Acetone
Concen: 35.006 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY023889.D
Acq: 04 Dec 2025 13:09

Tgt Ion: 43 Resp: 70955
Ion Ratio Lower Upper
43 100
58 28.8 25.1 37.7





#33

1,2-Dichloroethane-d4

Concen: 53.532 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VY023889.D

Acq: 04 Dec 2025 13:09

Instrument :

MSVOA_Y

ClientSampleId :

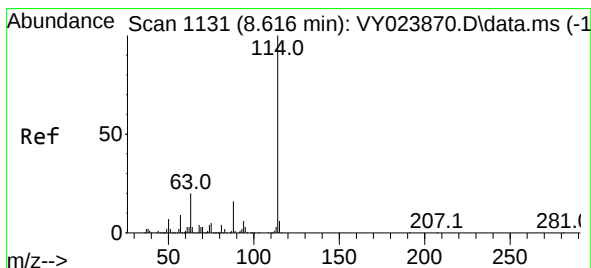
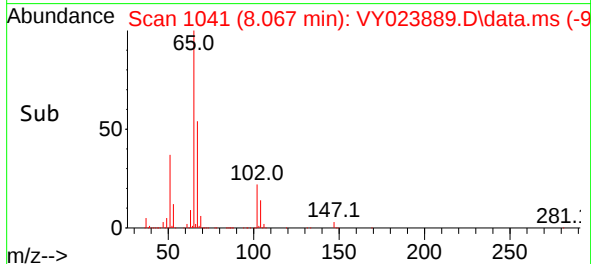
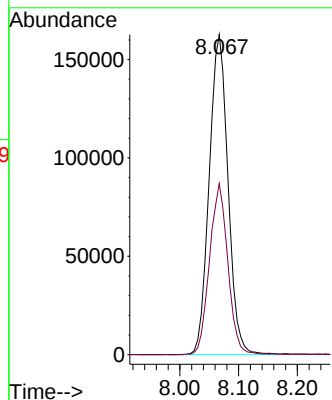
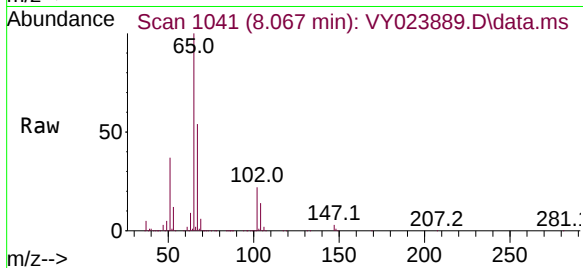
SB-1125-25

Tgt Ion: 65 Resp: 362112

Ion Ratio Lower Upper

65 100

67 52.1 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: VY023889.D

Acq: 04 Dec 2025 13:09

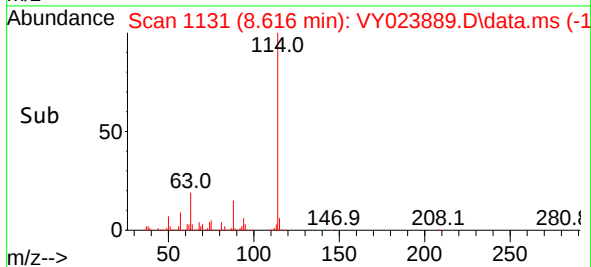
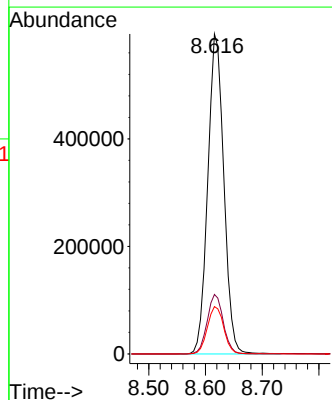
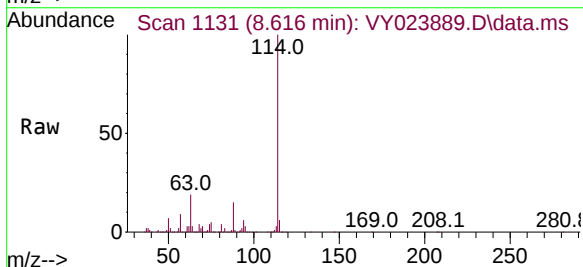
Tgt Ion: 114 Resp: 1168984

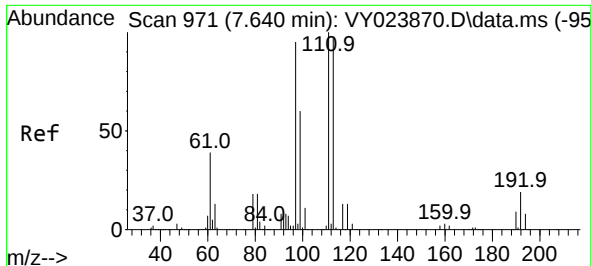
Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.2

88 14.8 0.0 31.4

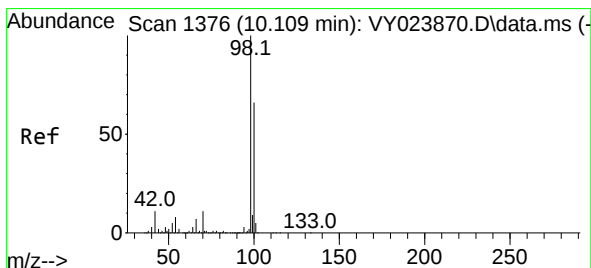
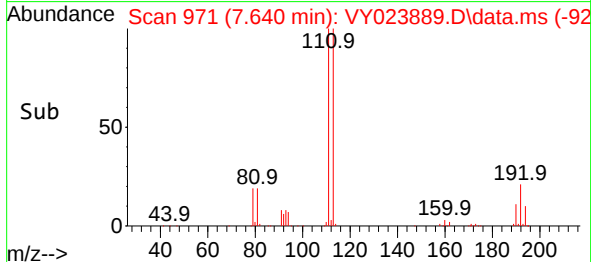
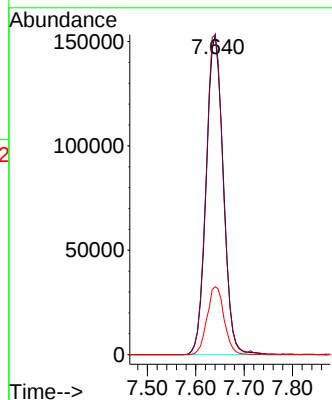
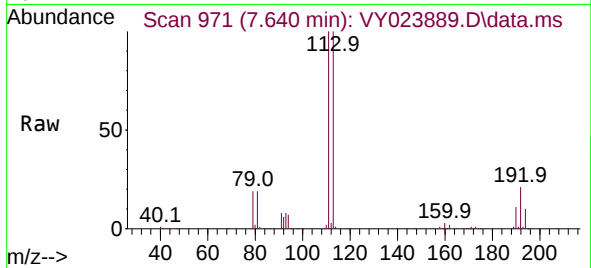




#35
Dibromofluoromethane
Concen: 50.069 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023889.D
Acq: 04 Dec 2025 13:09

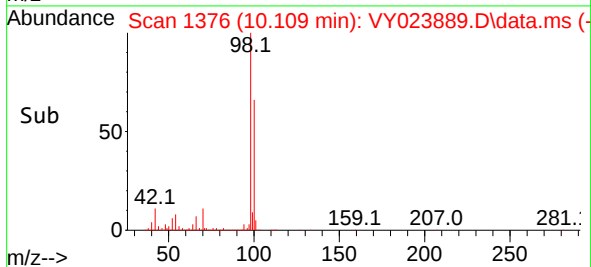
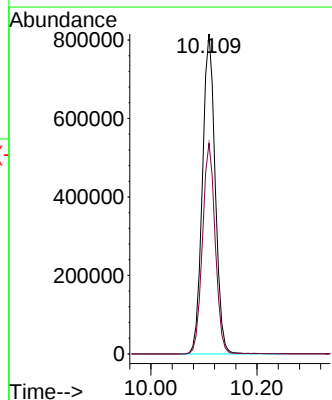
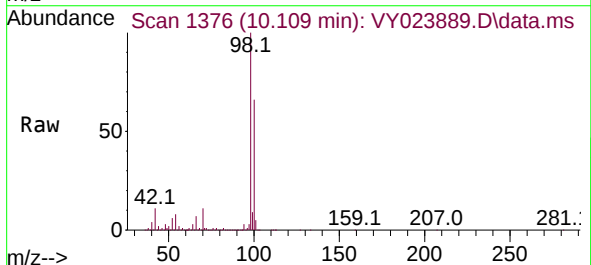
Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-25

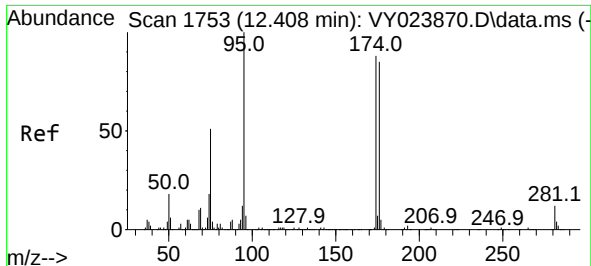
Tgt Ion:113 Resp: 375395
Ion Ratio Lower Upper
113 100
111 101.2 82.2 123.2
192 21.1 15.8 23.8



#50
Toluene-d8
Concen: 46.580 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY023889.D
Acq: 04 Dec 2025 13:09

Tgt Ion: 98 Resp: 1359016
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7

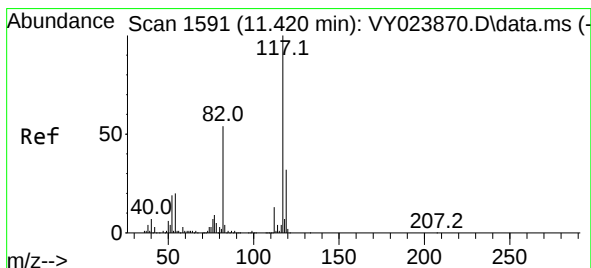
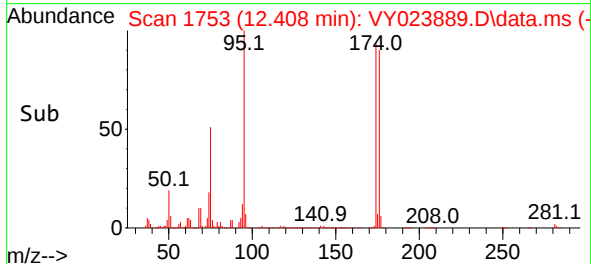
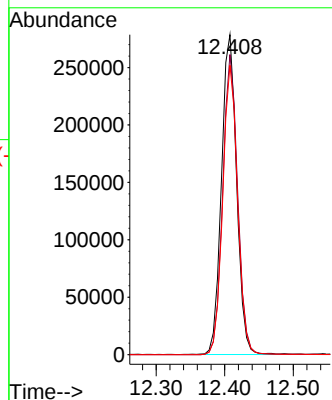
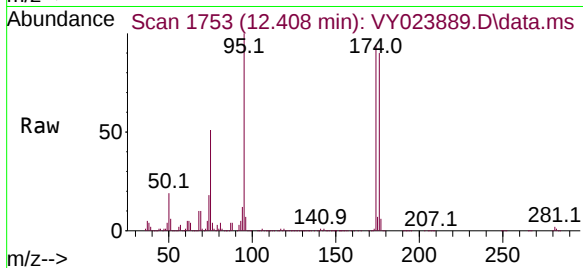




#62
4-Bromofluorobenzene
Concen: 43.191 ug/l
RT: 12.408 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023889.D
Acq: 04 Dec 2025 13:09

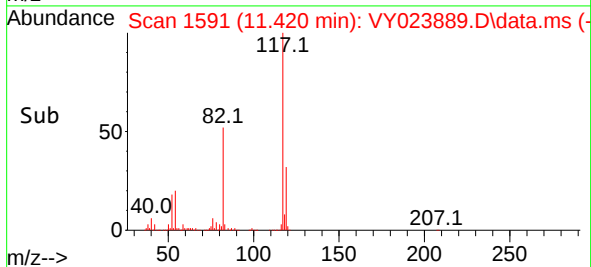
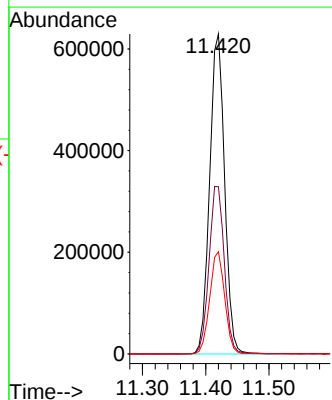
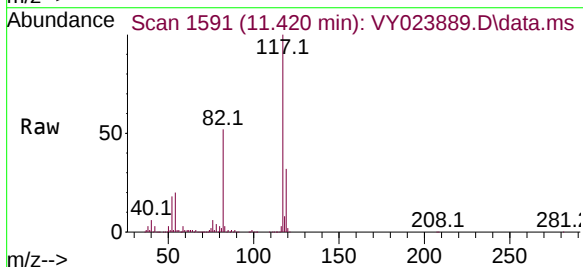
Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-25

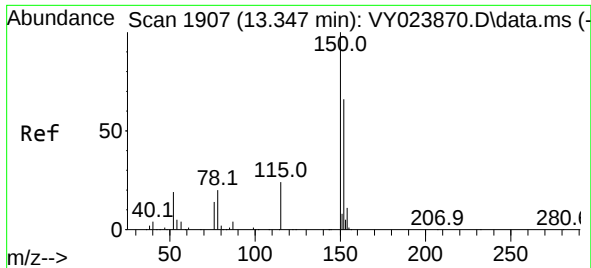
Tgt Ion: 95 Resp: 429811
Ion Ratio Lower Upper
95 100
174 92.3 0.0 169.6
176 88.8 0.0 164.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY023889.D
Acq: 04 Dec 2025 13:09

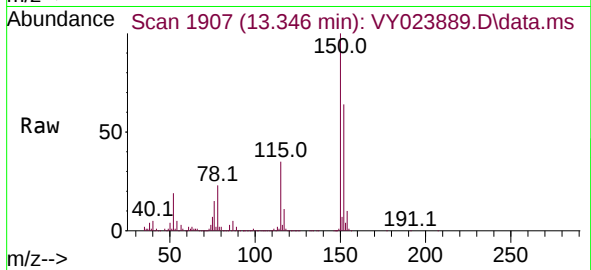
Tgt Ion: 117 Resp: 1032423
Ion Ratio Lower Upper
117 100
82 52.2 43.1 64.7
119 31.9 26.0 39.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 19
 Delta R.T. -0.000 min
 Lab File: VY023889.D
 Acq: 04 Dec 2025 13:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1125-25



Tgt Ion:	152	Resp:	459524
Ion	Ratio	Lower	Upper
152	100		
115	55.9	28.8	86.4
150	155.2	0.0	352.2

