

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110725\
 Data File : VY023705.D
 Acq On : 07 Nov 2025 09:25
 Operator : SY/MD
 Sample : VY1107SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBL01

Quant Time: Nov 08 03:26:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 05 04:41:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	733523	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1292894	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1074713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	410948	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	366398	58.558	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.120%
35) Dibromofluoromethane	7.640	113	412502	51.054	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.100%
50) Toluene-d8	10.109	98	1464701	48.665	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.340%
62) 4-Bromofluorobenzene	12.408	95	403175	41.422	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.840%

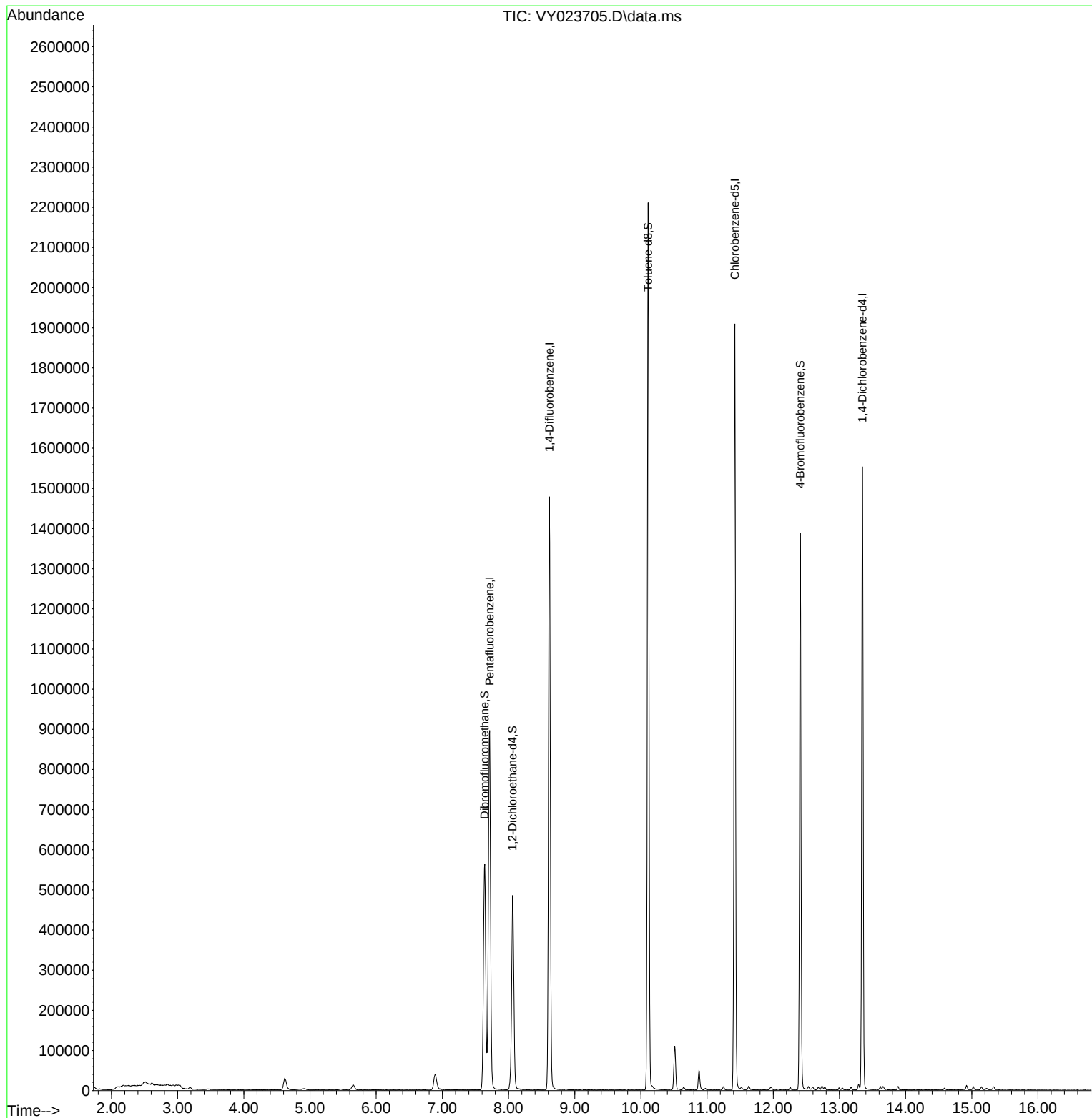
Target Compounds	Qvalue

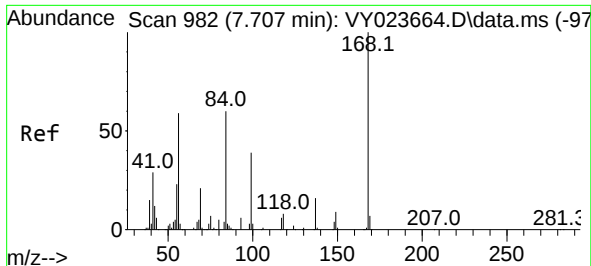
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110725\
Data File : VY023705.D
Acq On : 07 Nov 2025 09:25
Operator : SY/MD
Sample : VY1107SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBL01

Quant Time: Nov 08 03:26:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:41:50 2025
Response via : Initial Calibration

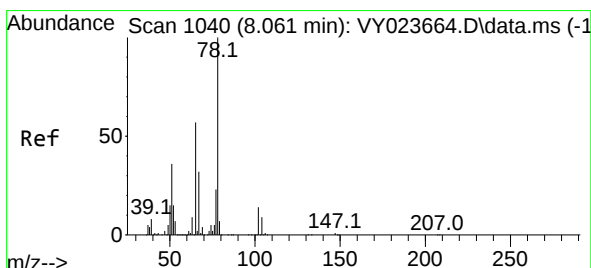
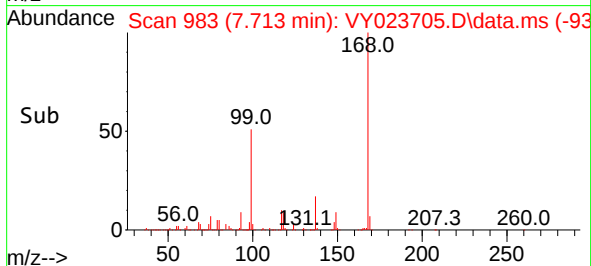
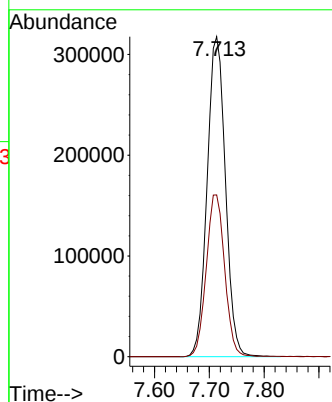
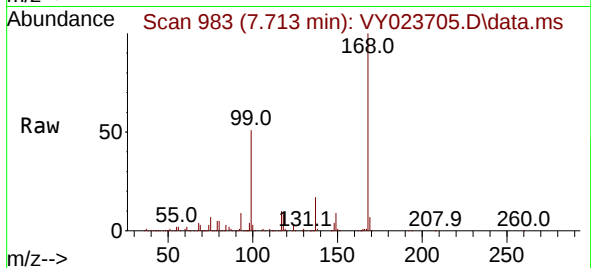




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023705.D
Acq: 07 Nov 2025 09:25

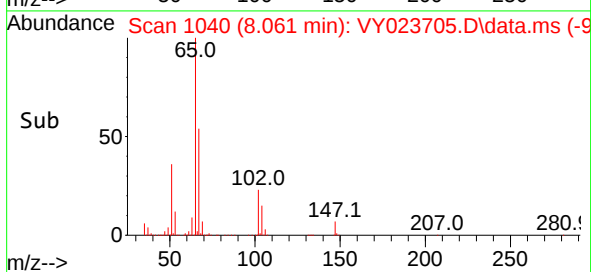
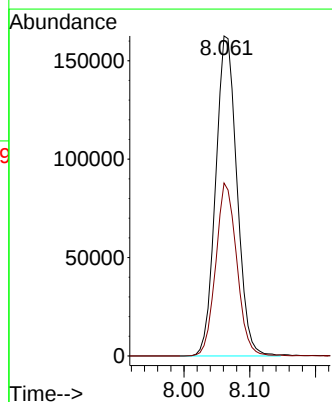
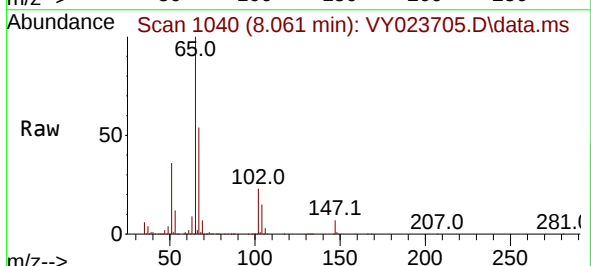
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBL01

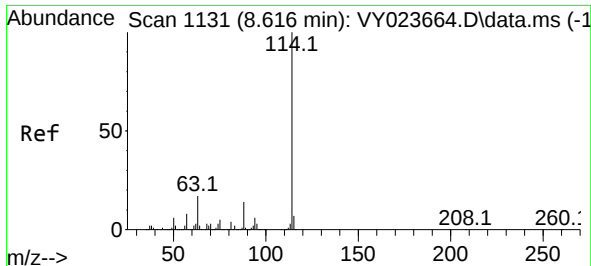
Tgt Ion:168 Resp: 733523
Ion Ratio Lower Upper
168 100
99 50.6 41.0 61.4



#33
1,2-Dichloroethane-d4
Concen: 58.558 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY023705.D
Acq: 07 Nov 2025 09:25

Tgt Ion: 65 Resp: 366398
Ion Ratio Lower Upper
65 100
67 53.4 0.0 107.4

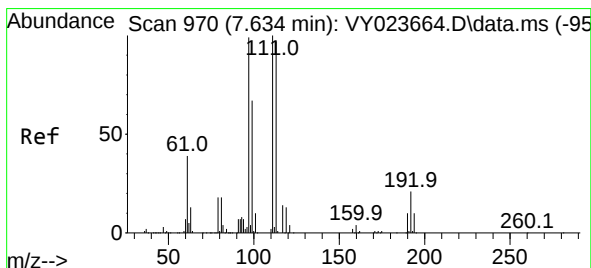
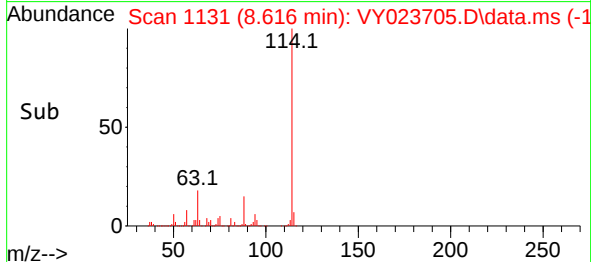
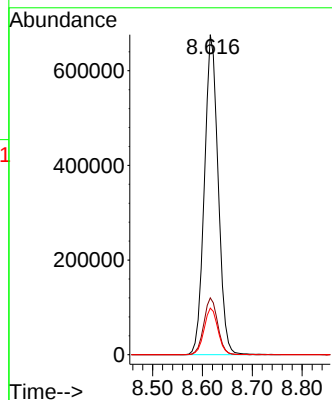
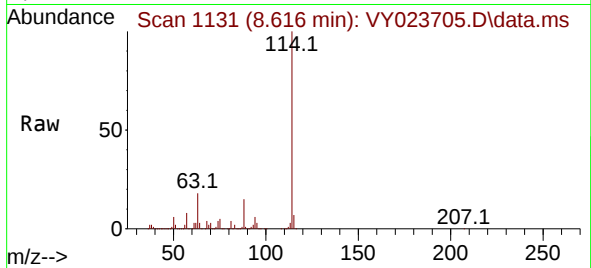




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY023705.D
Acq: 07 Nov 2025 09:25

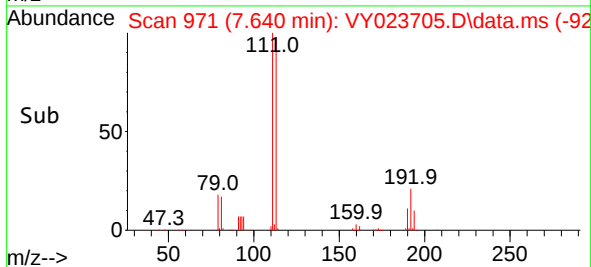
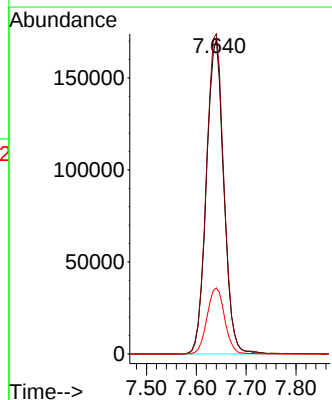
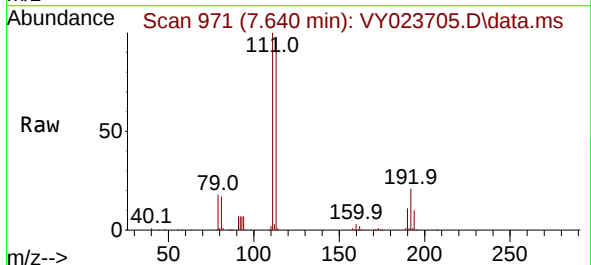
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBL01

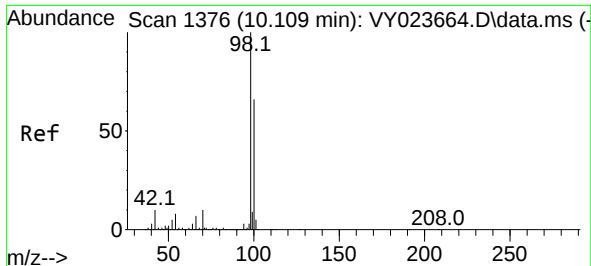
Tgt Ion:114 Resp: 1292894
Ion Ratio Lower Upper
114 100
63 17.8 0.0 33.8
88 14.5 0.0 29.0



#35
Dibromofluoromethane
Concen: 51.054 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY023705.D
Acq: 07 Nov 2025 09:25

Tgt Ion:113 Resp: 412502
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.4
192 21.3 17.3 25.9

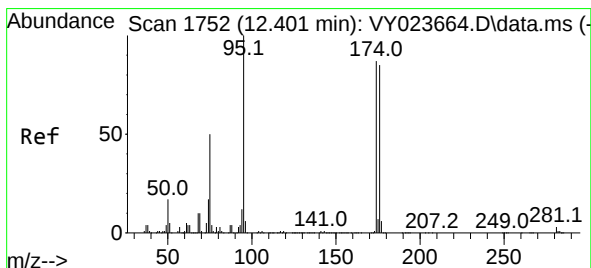
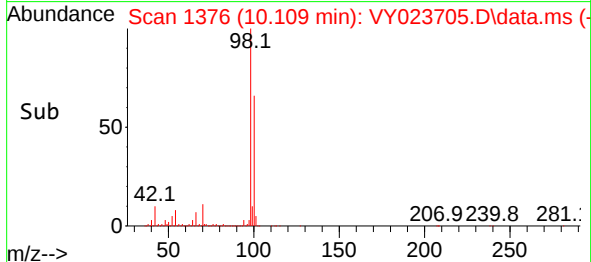
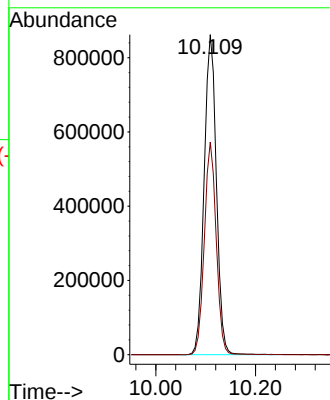
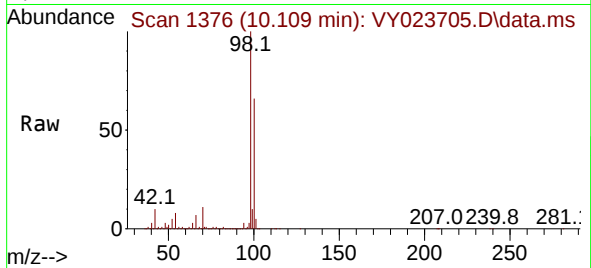




#50
Toluene-d8
Concen: 48.665 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023705.D
Acq: 07 Nov 2025 09:25

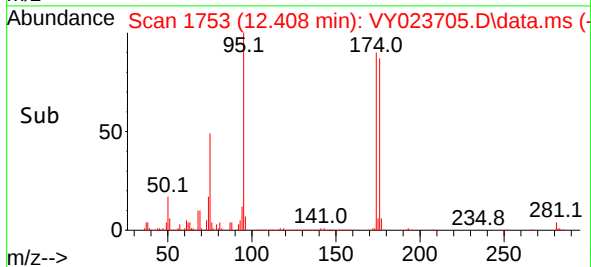
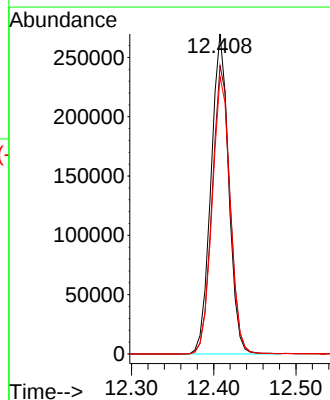
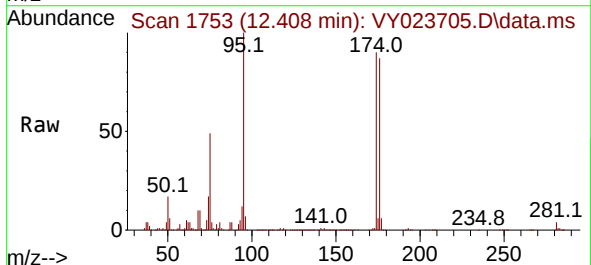
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBL01

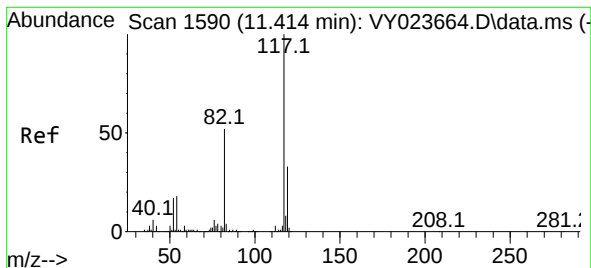
Tgt Ion: 98 Resp: 1464701
Ion Ratio Lower Upper
98 100
100 64.6 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 41.422 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023705.D
Acq: 07 Nov 2025 09:25

Tgt Ion: 95 Resp: 403175
Ion Ratio Lower Upper
95 100
174 91.7 0.0 184.8
176 88.0 0.0 181.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023705.D

Acq: 07 Nov 2025 09:25

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBL01

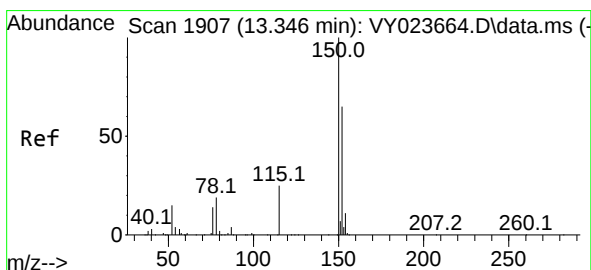
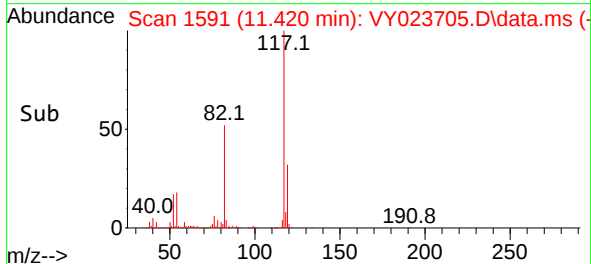
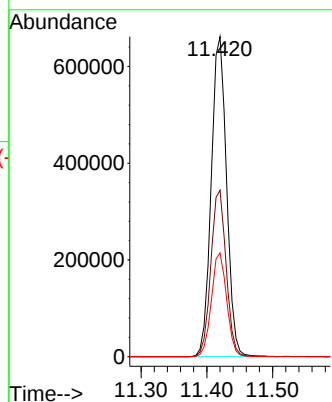
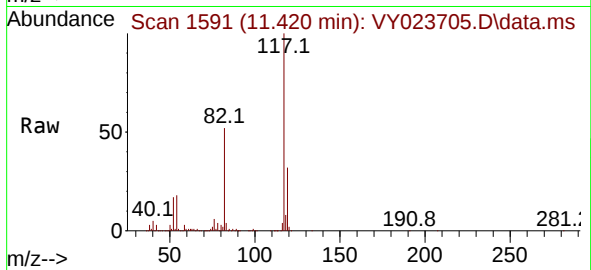
Tgt Ion:117 Resp: 1074713

Ion Ratio Lower Upper

117 100

82 52.0 41.2 61.8

119 32.4 26.2 39.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY023705.D

Acq: 07 Nov 2025 09:25

Tgt Ion:152 Resp: 410948

Ion Ratio Lower Upper

152 100

115 56.7 27.5 82.5

150 156.0 0.0 349.0

