

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111325\
 Data File : VY023778.D
 Acq On : 13 Nov 2025 11:51
 Operator : SY/MD
 Sample : Q3615-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 East Bathhouse- Concrete

Quant Time: Nov 13 13:08:49 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)

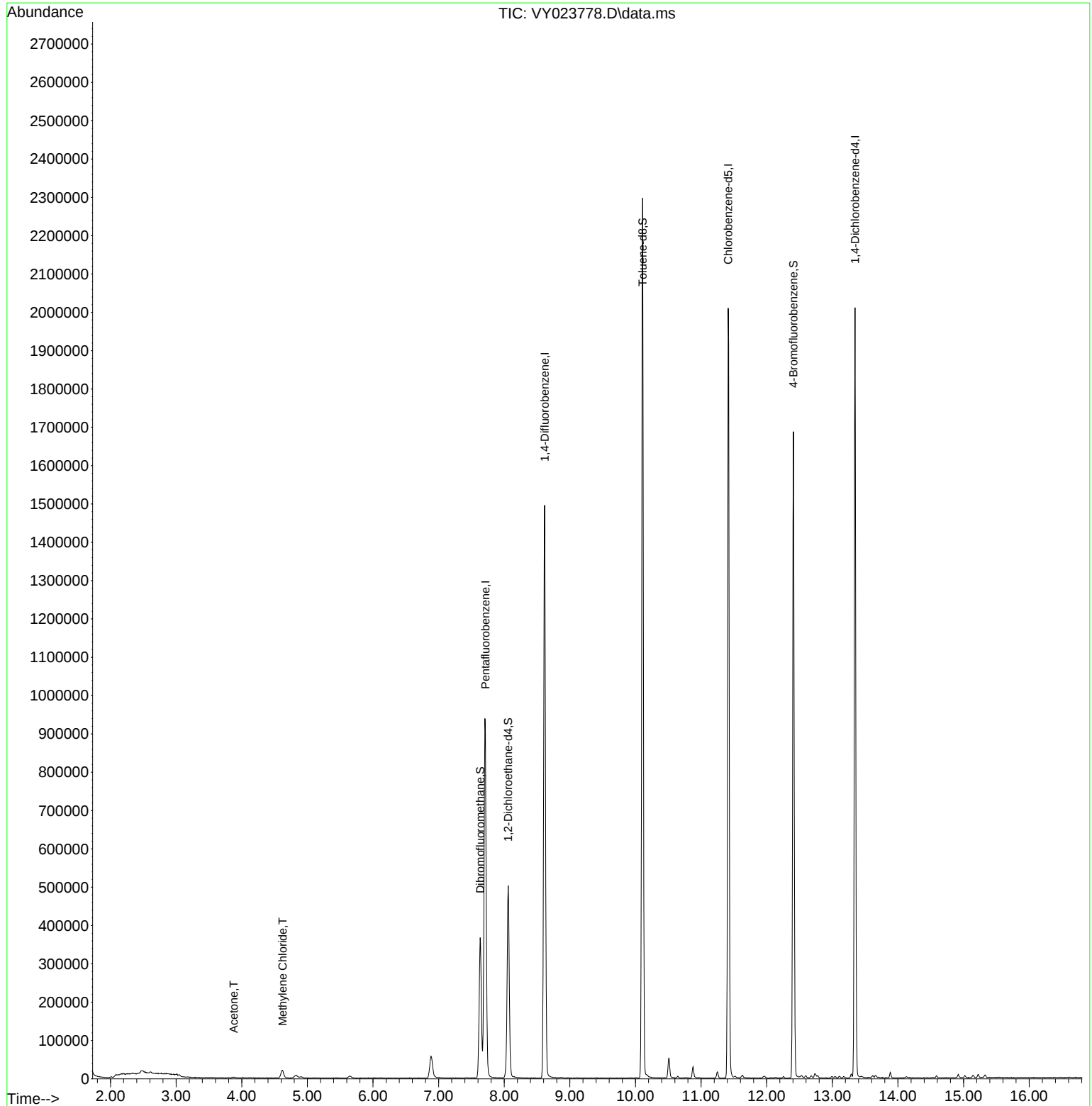
Internal Standards						
1) Pentafluorobenzene	7.713	168	759886	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	1319214	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	1130199	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	556470	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	383798	59.211	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.420%
35) Dibromofluoromethane	7.634	113	267539	32.452	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	64.900%
50) Toluene-d8	10.109	98	1527480	49.739	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.480%
62) 4-Bromofluorobenzene	12.407	95	517304	52.088	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.180%
Target Compounds						
16) Acetone	3.878	43	2810	1.744	ug/l	99
20) Methylene Chloride	4.622	84	16306	2.096	ug/l	95

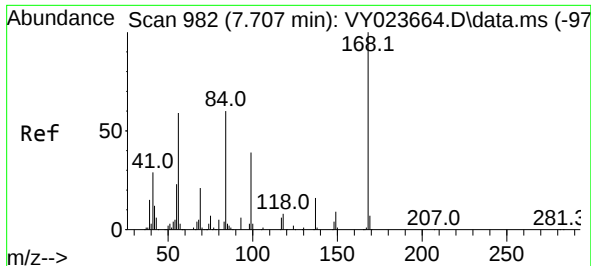
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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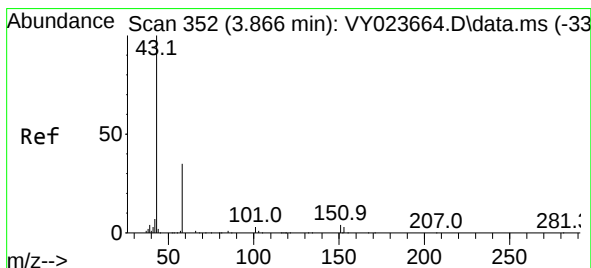
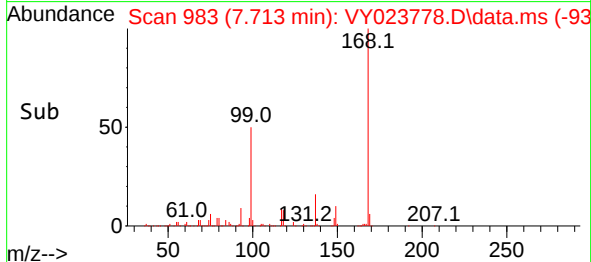
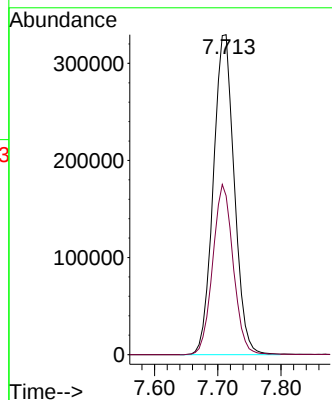
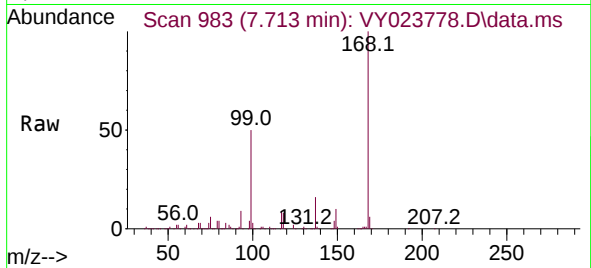




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY023778.D
Acq: 13 Nov 2025 11:51

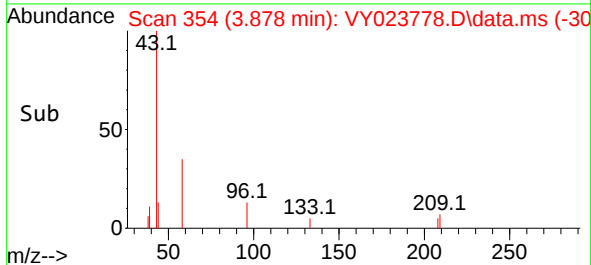
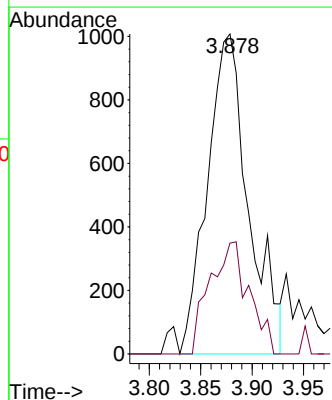
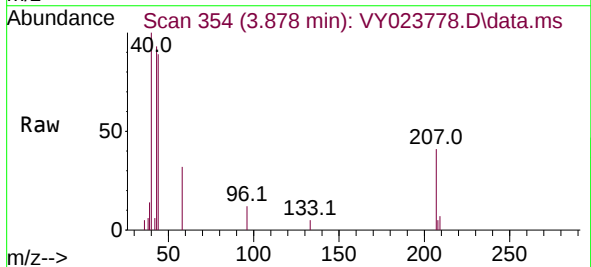
Instrument :
MSVOA_Y
ClientSampleId :
East Bathhouse- Concrete

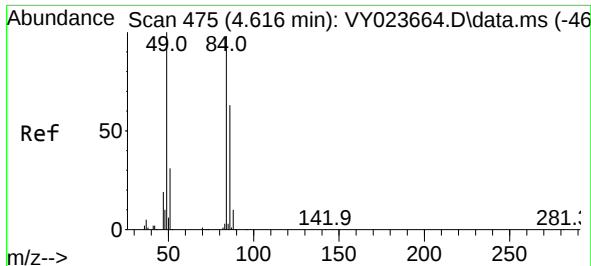
Tgt Ion:168 Resp: 759886
Ion Ratio Lower Upper
168 100
99 49.6 41.0 61.4



#16
Acetone
Concen: 1.744 ug/l
RT: 3.878 min Scan# 354
Delta R.T. 0.012 min
Lab File: VY023778.D
Acq: 13 Nov 2025 11:51

Tgt Ion: 43 Resp: 2810
Ion Ratio Lower Upper
43 100
58 34.6 28.2 42.4

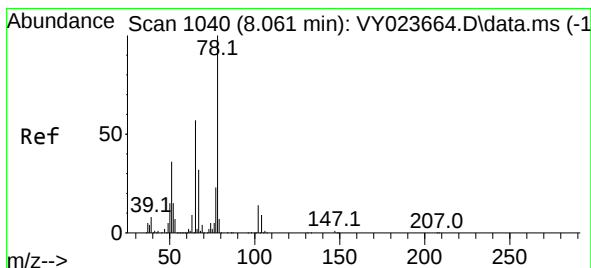
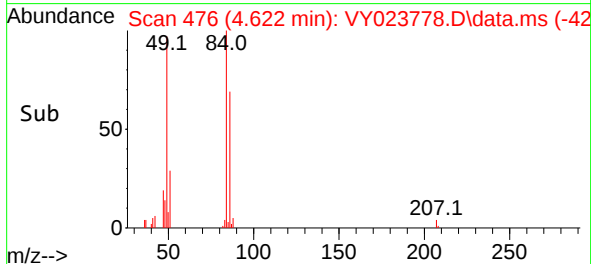
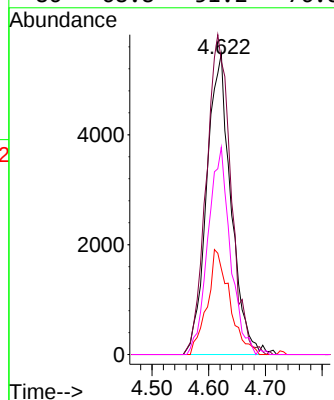
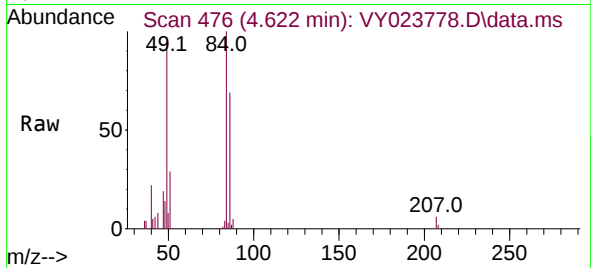




#20
Methylene Chloride
Concen: 2.096 ug/l
RT: 4.622 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY023778.D
Acq: 13 Nov 2025 11:51

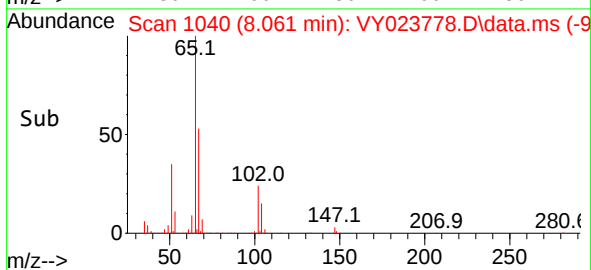
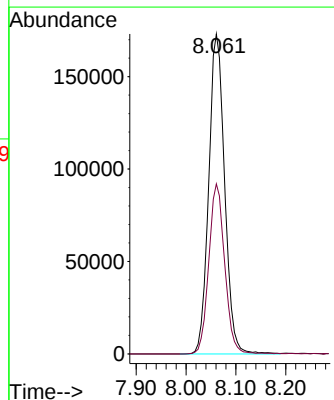
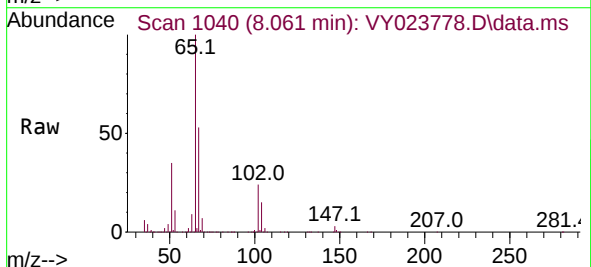
Instrument :
MSVOA_Y
ClientSampleId :
East Bathhouse- Concrete

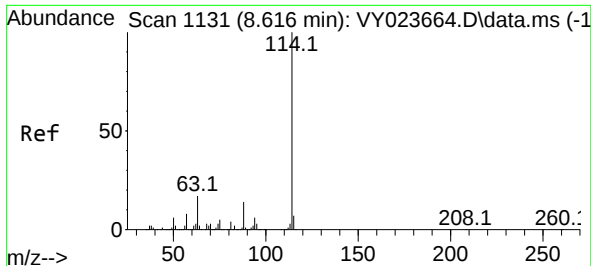
Tgt Ion:	84	Resp:	16306
Ion	Ratio	Lower	Upper
84	100		
49	97.4	81.5	122.3
51	28.5	25.5	38.3
86	68.8	51.2	76.8



#33
1,2-Dichloroethane-d4
Concen: 59.211 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY023778.D
Acq: 13 Nov 2025 11:51

Tgt Ion:	65	Resp:	383798
Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	107.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023778.D

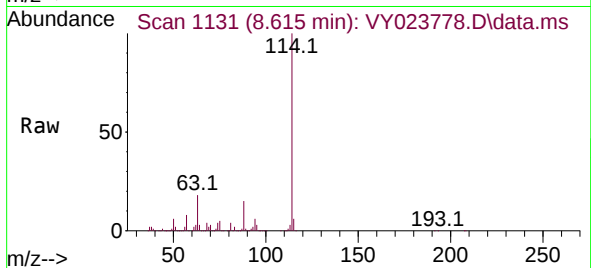
Acq: 13 Nov 2025 11:51

Instrument :

MSVOA_Y

ClientSampleId :

East Bathhouse- Concrete



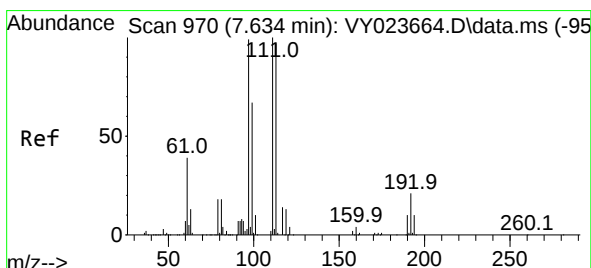
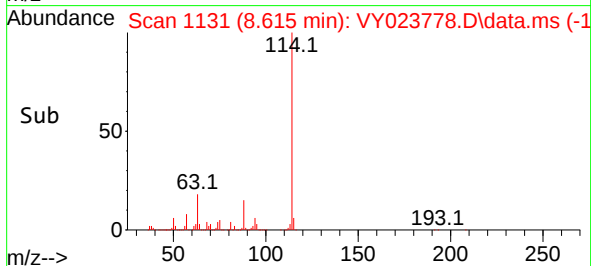
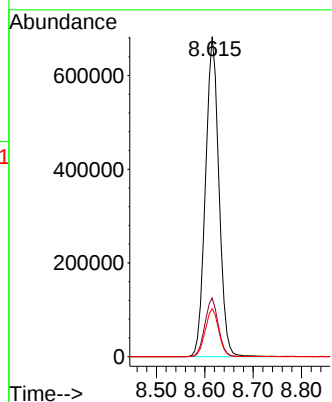
Tgt Ion:114 Resp: 1319214

Ion Ratio Lower Upper

114 100

63 18.3 0.0 33.8

88 15.0 0.0 29.0



#35

Dibromofluoromethane

Concen: 32.452 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY023778.D

Acq: 13 Nov 2025 11:51

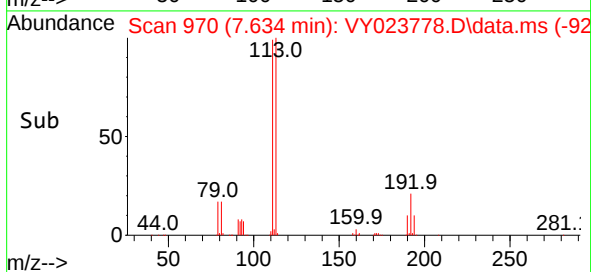
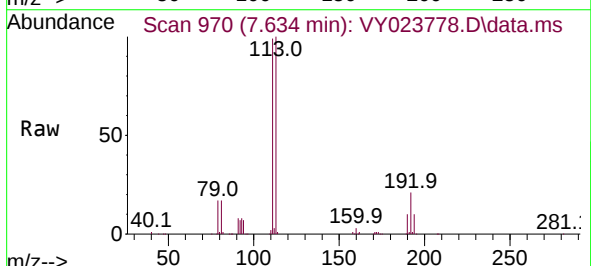
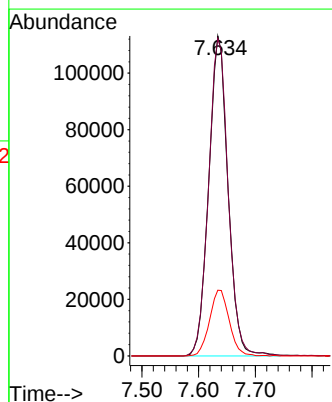
Tgt Ion:113 Resp: 267539

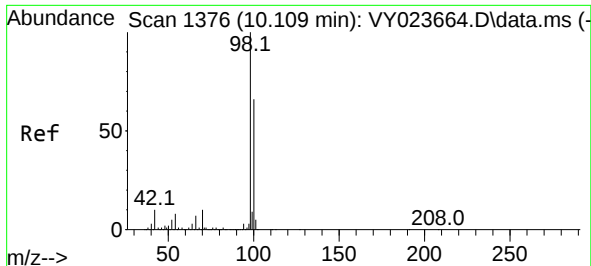
Ion Ratio Lower Upper

113 100

111 100.9 82.2 123.4

192 21.0 17.3 25.9

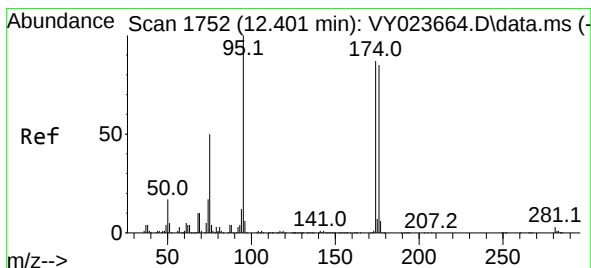
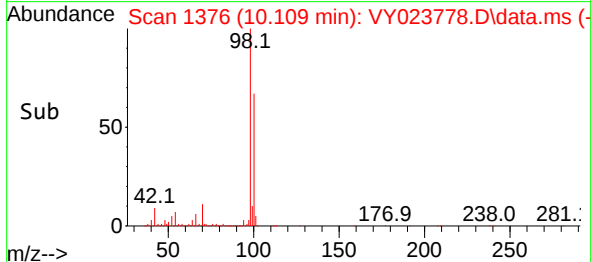
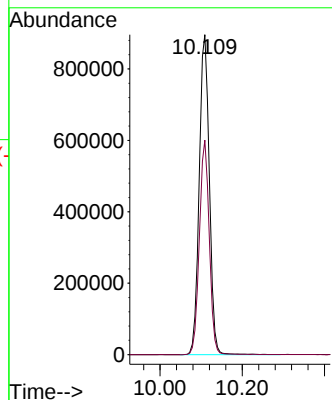
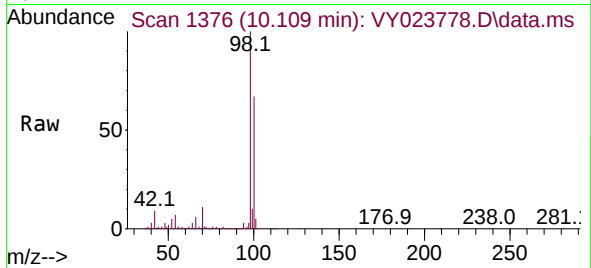




#50
Toluene-d8
Concen: 49.739 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY023778.D
Acq: 13 Nov 2025 11:51

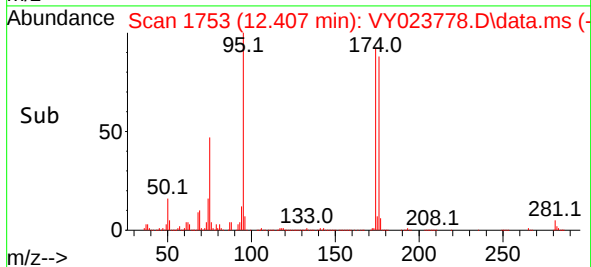
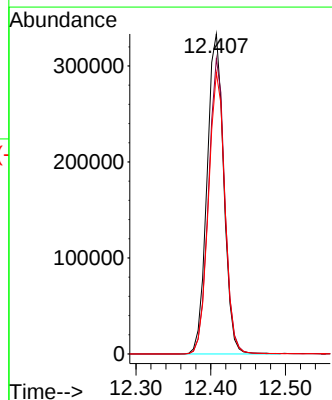
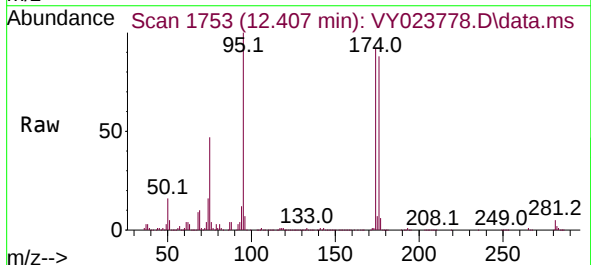
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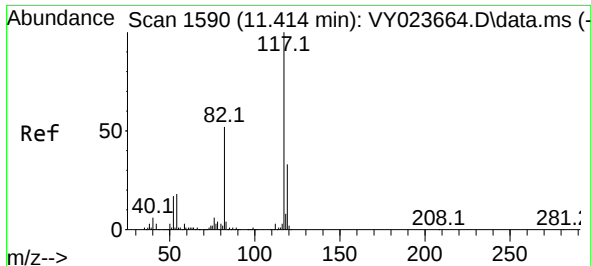
Tgt Ion: 98 Resp: 1527480
Ion Ratio Lower Upper
98 100
100 65.5 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 52.088 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023778.D
Acq: 13 Nov 2025 11:51

Tgt Ion: 95 Resp: 517304
Ion Ratio Lower Upper
95 100
174 90.1 0.0 184.8
176 86.7 0.0 181.6

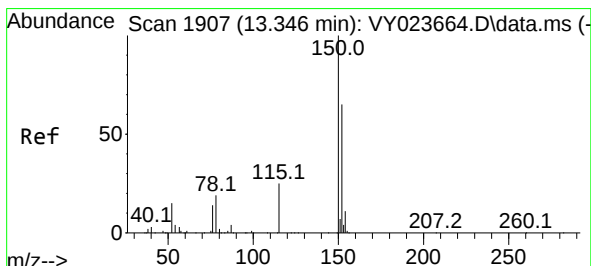
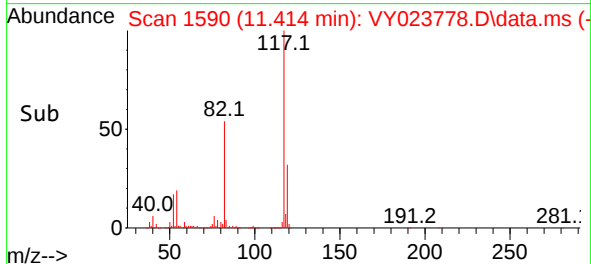
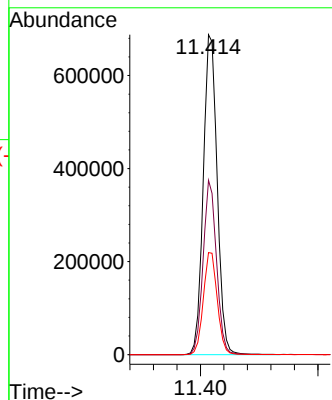
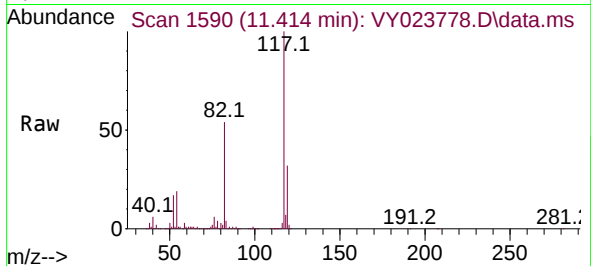




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY023778.D
Acq: 13 Nov 2025 11:51

Instrument :
MSVOA_Y
ClientSampleId :
East Bathhouse- Concrete

Tgt Ion:117 Resp: 1130199
Ion Ratio Lower Upper
117 100
82 54.5 41.2 61.8
119 31.9 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: VY023778.D
Acq: 13 Nov 2025 11:51

Tgt Ion:152 Resp: 556470
Ion Ratio Lower Upper
152 100
115 57.2 27.5 82.5
150 156.1 0.0 349.0

