

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101025\
 Data File : VY023437.D
 Acq On : 10 Oct 2025 14:27
 Operator : SY/MD
 Sample : Q3323-04
 Misc : 5.83g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SED-04-0-2

Quant Time: Oct 11 01:58:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

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

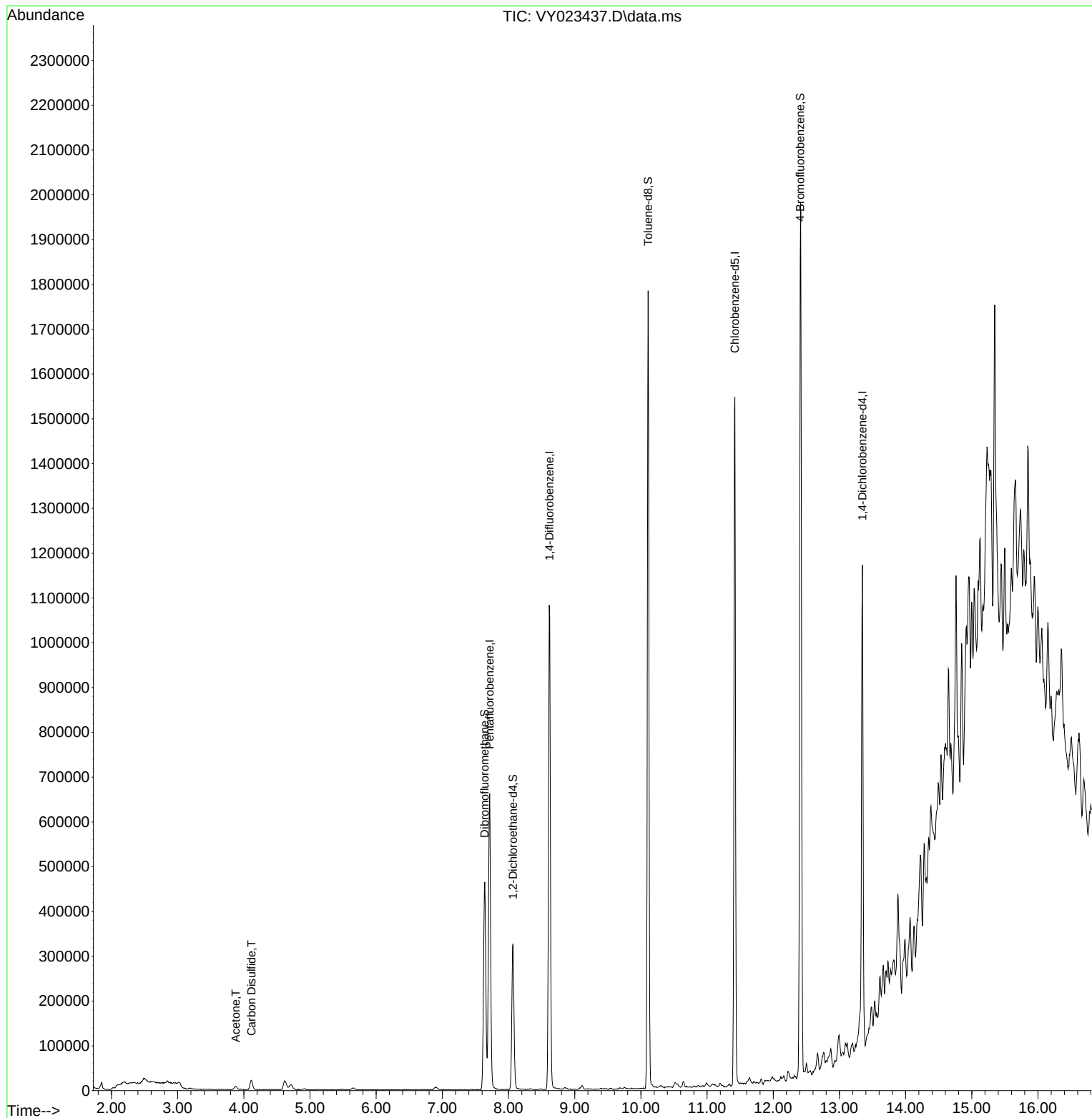
Internal Standards						
1) Pentafluorobenzene	7.713	168	547861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1010886	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	894472	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	300018	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	257661	56.242	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.480%			
35) Dibromofluoromethane	7.640	113	332986	53.609	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.220%			
50) Toluene-d8	10.109	98	1176785	50.873	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.740%			
62) 4-Bromofluorobenzene	12.408	95	335891	43.982	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 87.960%			
Target Compounds						
16) Acetone	3.879	43	12695	11.640	ug/l	92
17) Carbon Disulfide	4.116	76	42223	3.019	ug/l	97

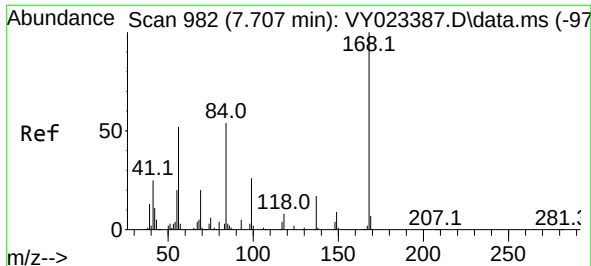
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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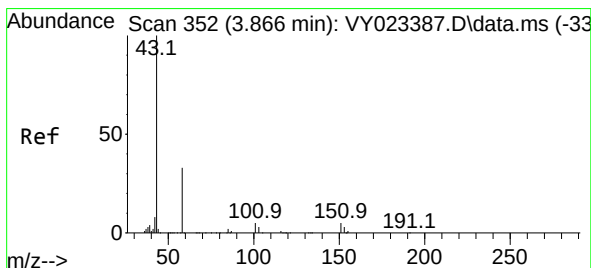
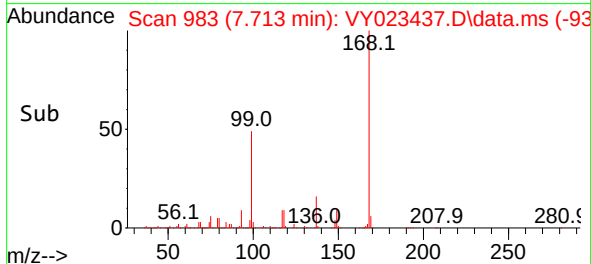
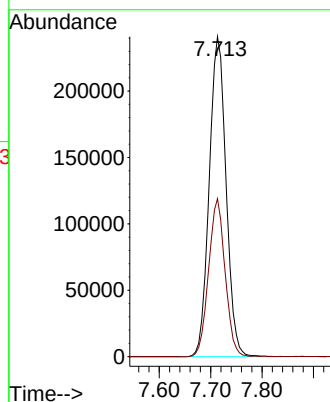
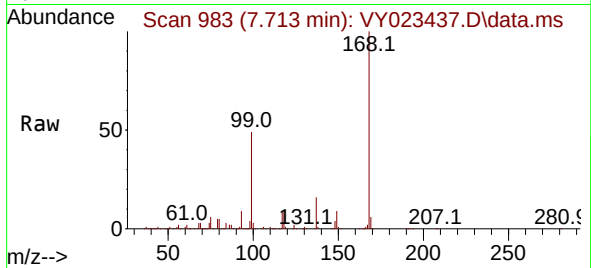




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023437.D
Acq: 10 Oct 2025 14:27

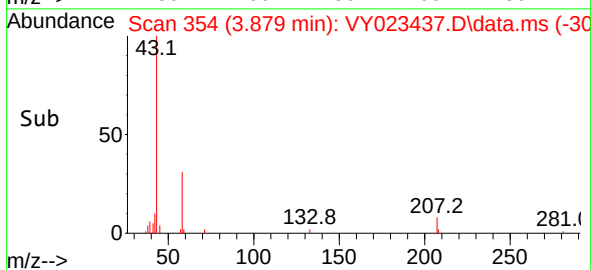
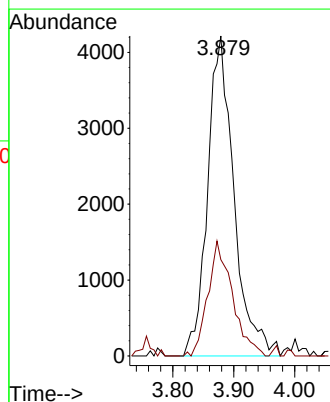
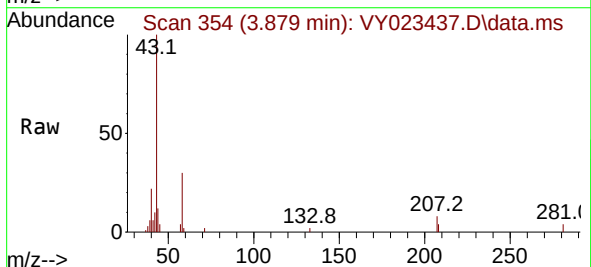
Instrument :
MSVOA_Y
ClientSampleId :
SED-04-0-2

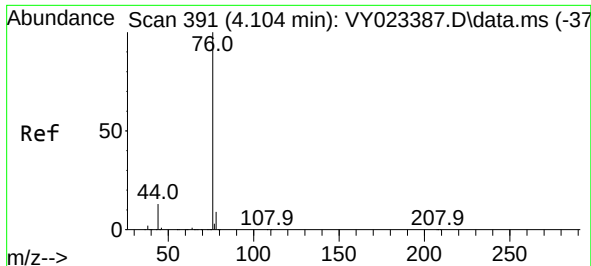
Tgt Ion:168 Resp: 547861
Ion Ratio Lower Upper
168 100
99 49.4 39.7 59.5



#16
Acetone
Concen: 11.640 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.012 min
Lab File: VY023437.D
Acq: 10 Oct 2025 14:27

Tgt Ion: 43 Resp: 12695
Ion Ratio Lower Upper
43 100
58 30.1 27.7 41.5

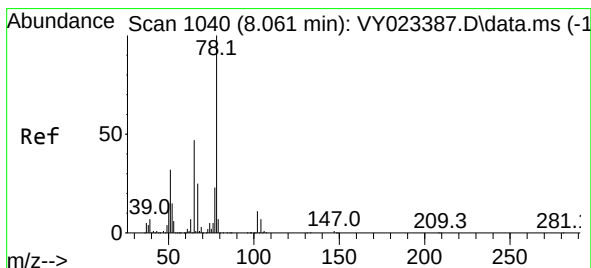
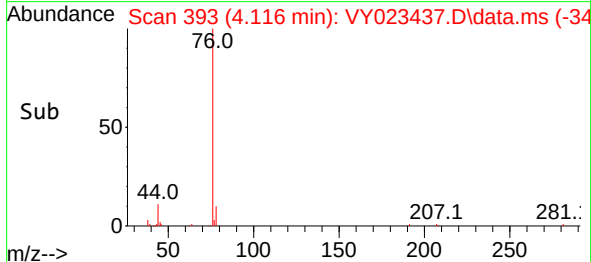
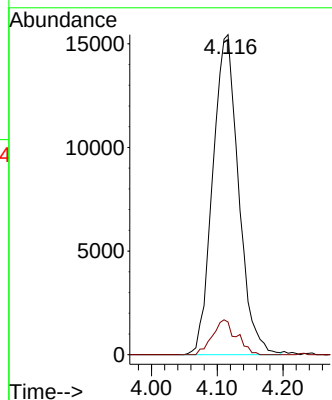
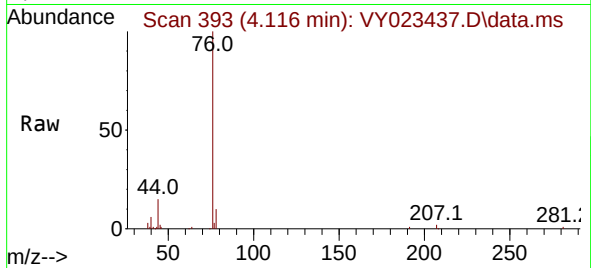




#17
Carbon Disulfide
Concen: 3.019 ug/l
RT: 4.116 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY023437.D
Acq: 10 Oct 2025 14:27

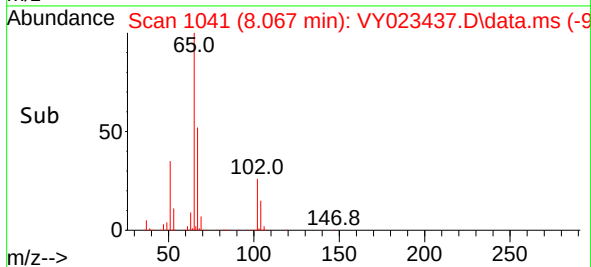
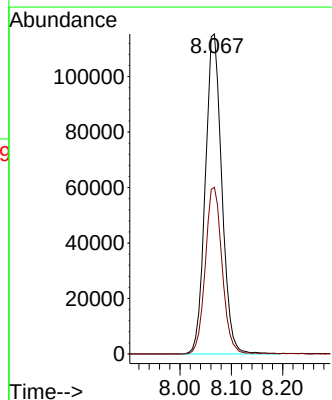
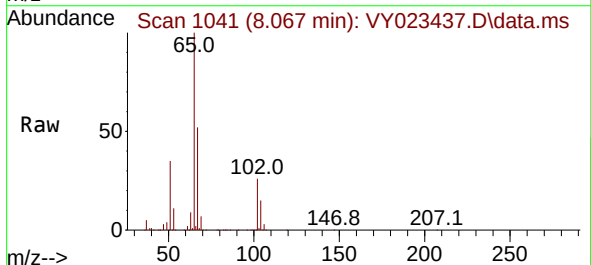
Instrument :
MSVOA_Y
ClientSampleId :
SED-04-0-2

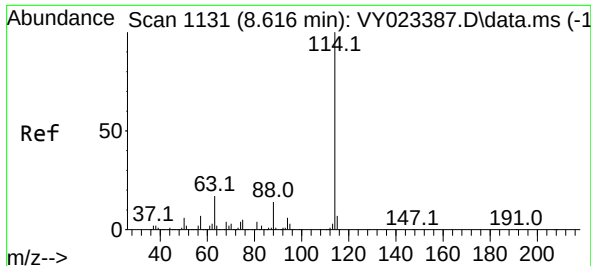
Tgt Ion: 76 Resp: 42223
Ion Ratio Lower Upper
76 100
78 10.2 7.3 10.9



#33
1,2-Dichloroethane-d4
Concen: 56.242 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY023437.D
Acq: 10 Oct 2025 14:27

Tgt Ion: 65 Resp: 257661
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023437.D

Acq: 10 Oct 2025 14:27

Instrument :

MSVOA_Y

ClientSampleId :

SED-04-0-2

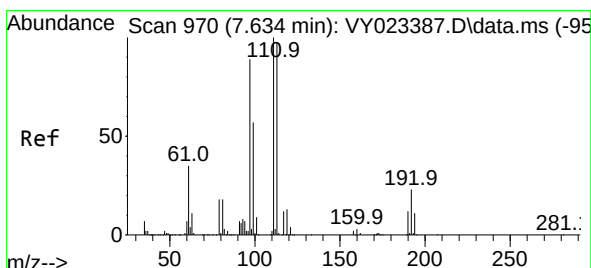
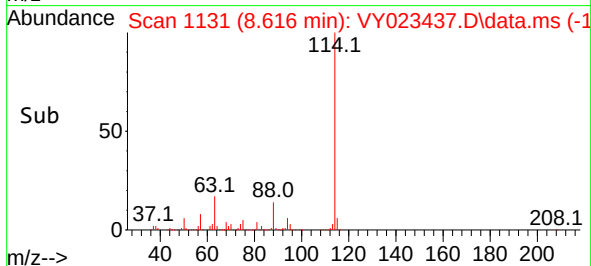
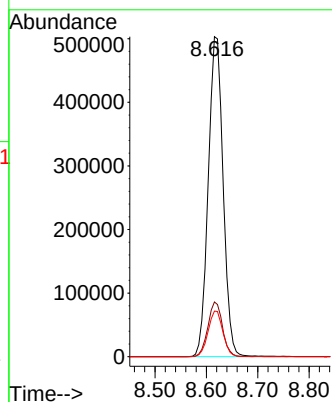
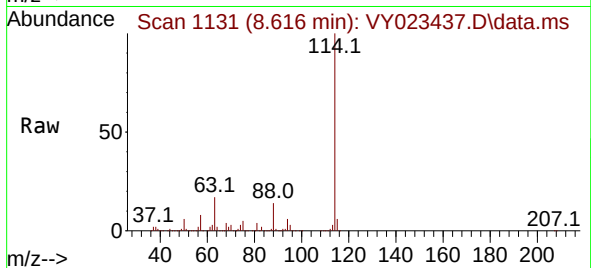
Tgt Ion:114 Resp: 1010886

Ion Ratio Lower Upper

114 100

63 17.1 0.0 34.2

88 14.2 0.0 28.4



#35

Dibromofluoromethane

Concen: 53.609 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY023437.D

Acq: 10 Oct 2025 14:27

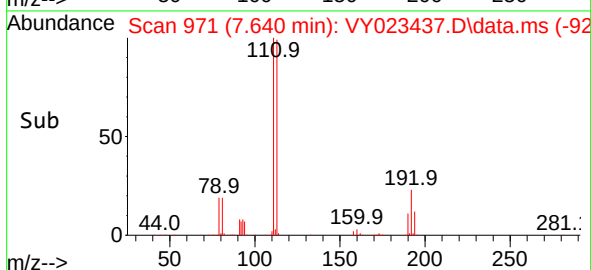
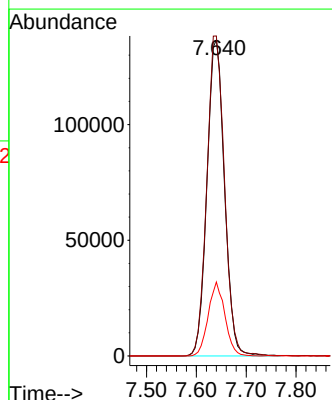
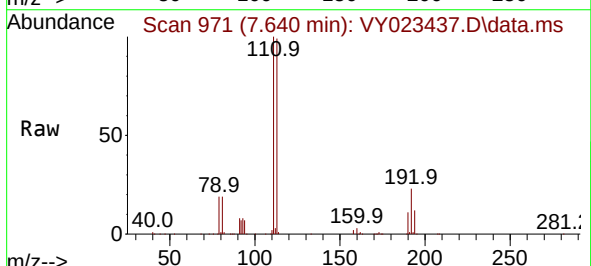
Tgt Ion:113 Resp: 332986

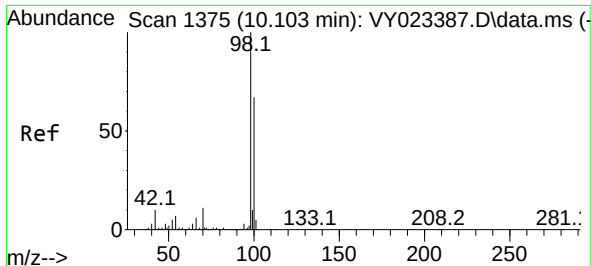
Ion Ratio Lower Upper

113 100

111 102.2 81.8 122.6

192 22.3 18.0 27.0

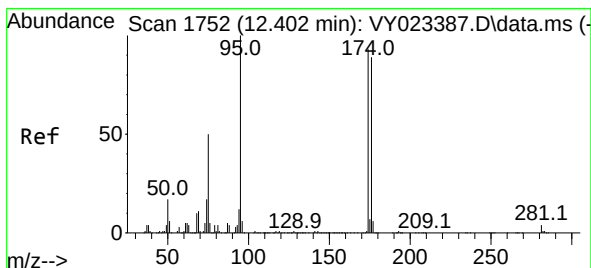
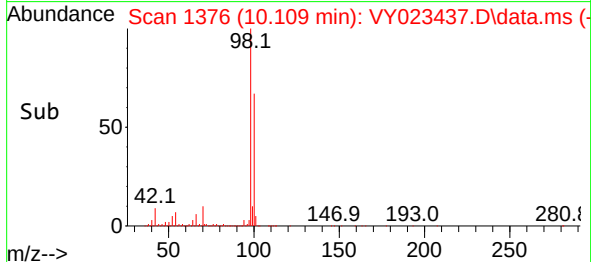
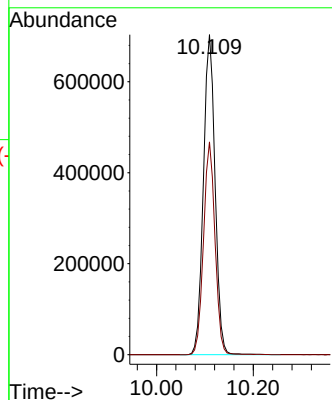
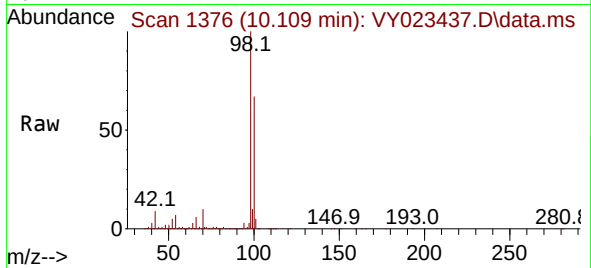




#50
Toluene-d8
Concen: 50.873 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023437.D
Acq: 10 Oct 2025 14:27

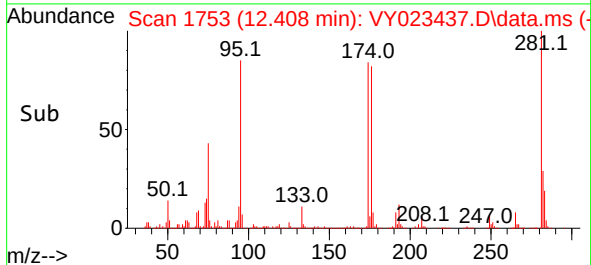
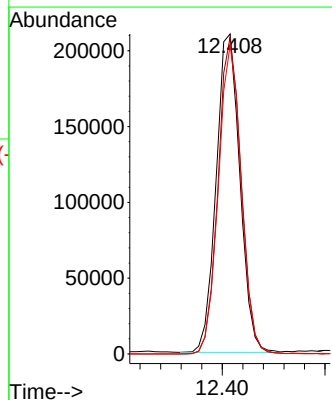
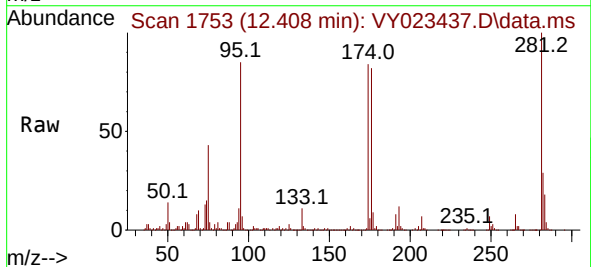
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SED-04-0-2

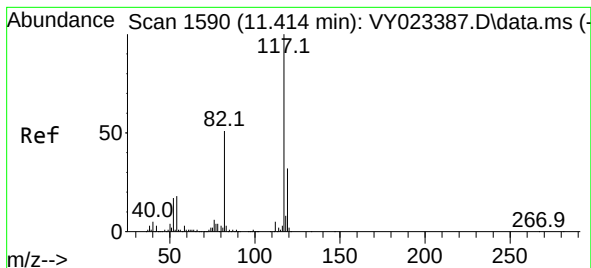
Tgt Ion: 98 Resp: 1176785
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 43.982 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023437.D
Acq: 10 Oct 2025 14:27

Tgt Ion: 95 Resp: 335891
Ion Ratio Lower Upper
95 100
174 96.5 0.0 192.8
176 93.8 0.0 187.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023437.D

Acq: 10 Oct 2025 14:27

Instrument :

MSVOA_Y

ClientSampleId :

SED-04-0-2

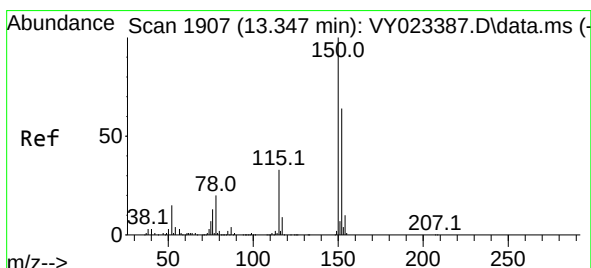
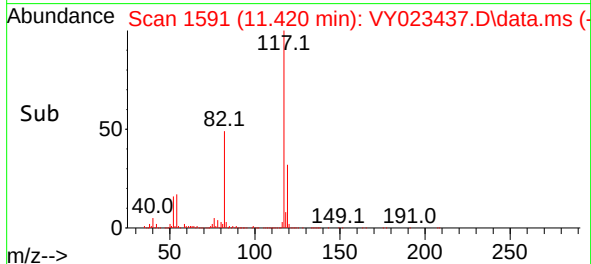
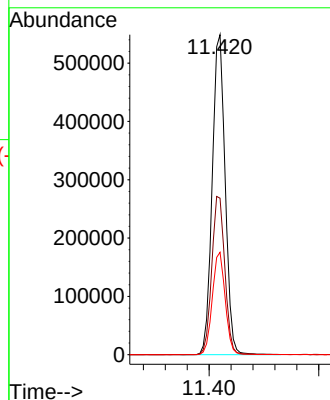
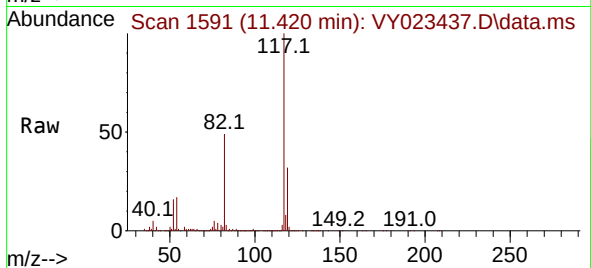
Tgt Ion:117 Resp: 894472

Ion Ratio Lower Upper

117 100

82 48.8 41.0 61.4

119 32.0 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY023437.D

Acq: 10 Oct 2025 14:27

Tgt Ion:152 Resp: 300018

Ion Ratio Lower Upper

152 100

115 53.9 27.1 81.2

150 154.8 0.0 347.4

