

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101025\
 Data File : VY023435.D
 Acq On : 10 Oct 2025 13:40
 Operator : SY/MD
 Sample : Q3323-02
 Misc : 3.46g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SED-02-0-2

Quant Time: Oct 11 01:57:29 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)

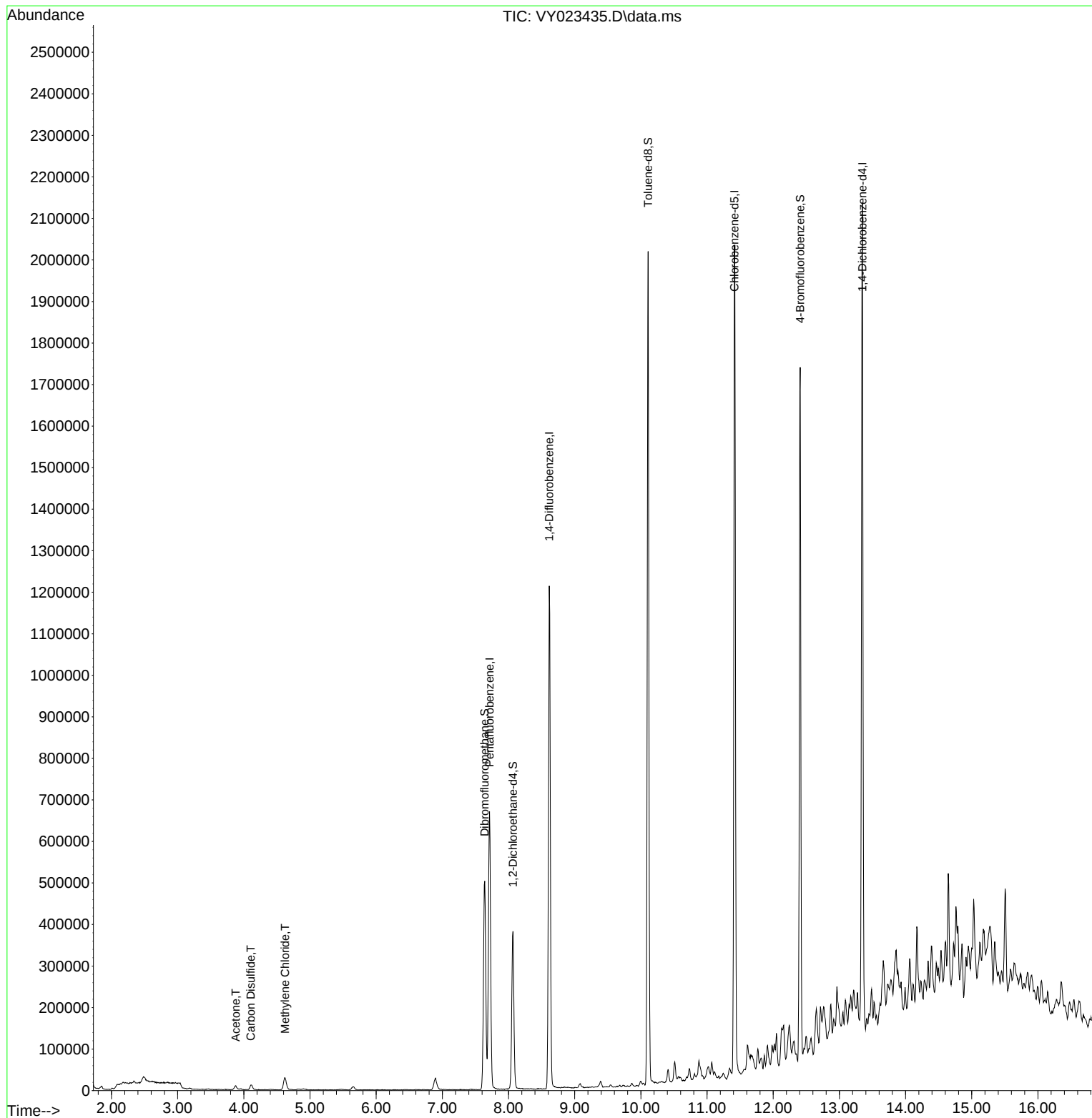
Internal Standards						
1) Pentafluorobenzene	7.713	168	566681	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1088713	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	1150595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	533404	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	298342	62.959	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 125.920%			
35) Dibromofluoromethane	7.640	113	359608	53.756	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.520%			
50) Toluene-d8	10.109	98	1347045	54.070	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 108.140%			
62) 4-Bromofluorobenzene	12.408	95	491472	59.754	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 119.500%			
Target Compounds						Qvalue
16) Acetone	3.879	43	15326	13.585	ug/l	99
17) Carbon Disulfide	4.104	76	24235	1.675	ug/l	99
20) Methylene Chloride	4.622	84	23577	3.865	ug/l	92

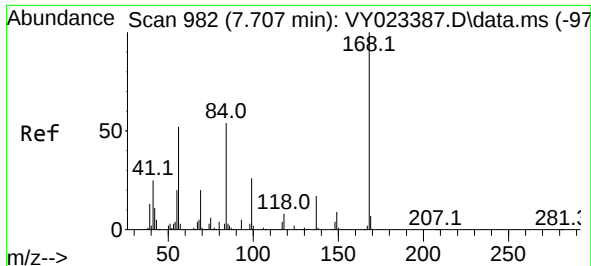
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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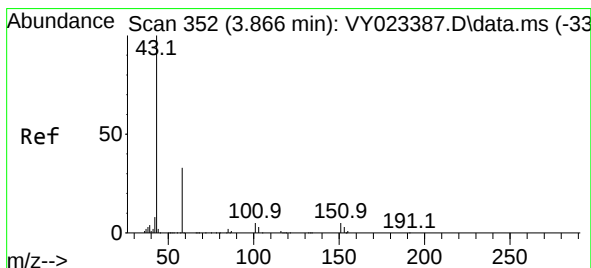
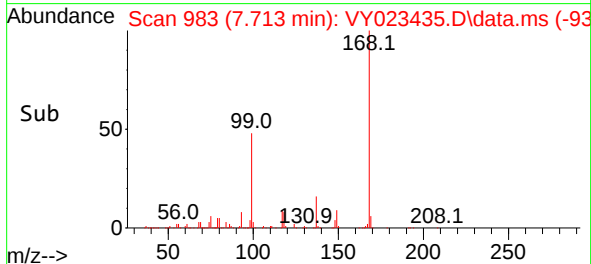
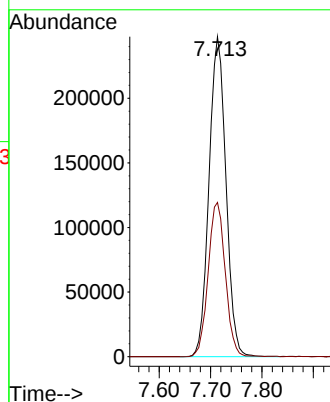
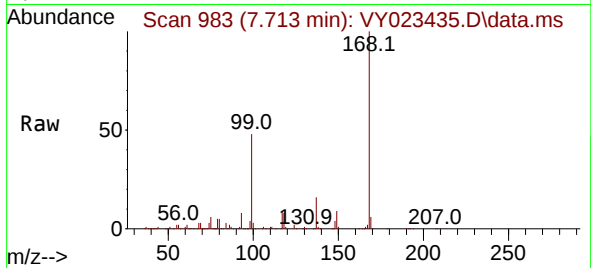




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY023435.D
Acq: 10 Oct 2025 13:40

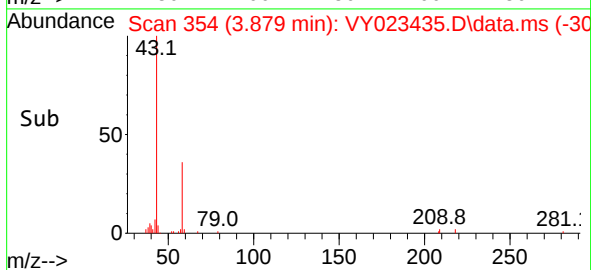
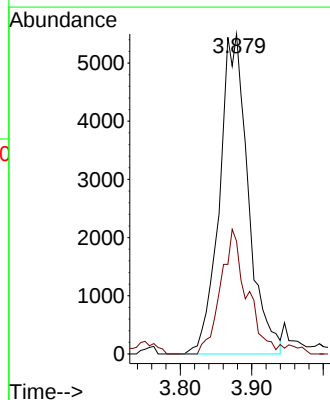
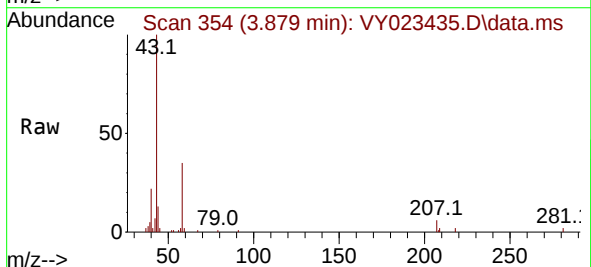
Instrument :
MSVOA_Y
ClientSampleId :
SED-02-0-2

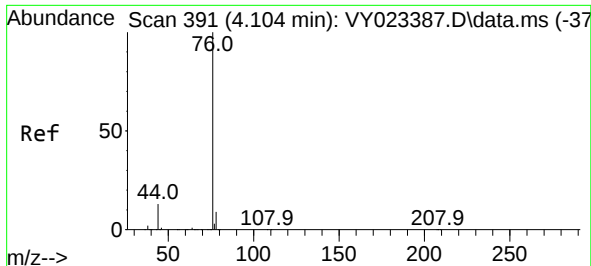
Tgt Ion:168 Resp: 566681
Ion Ratio Lower Upper
168 100
99 48.2 39.7 59.5



#16
Acetone
Concen: 13.585 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.012 min
Lab File: VY023435.D
Acq: 10 Oct 2025 13:40

Tgt Ion: 43 Resp: 15326
Ion Ratio Lower Upper
43 100
58 35.3 27.7 41.5

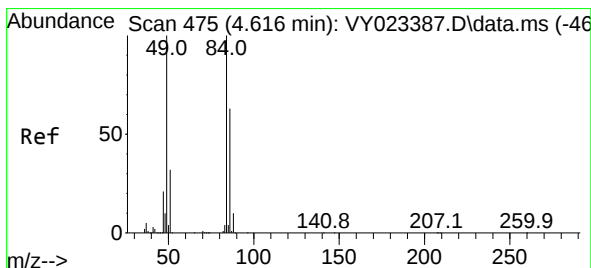
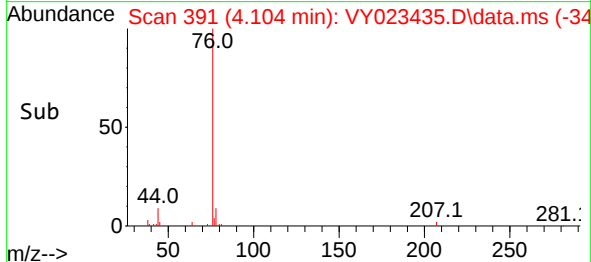
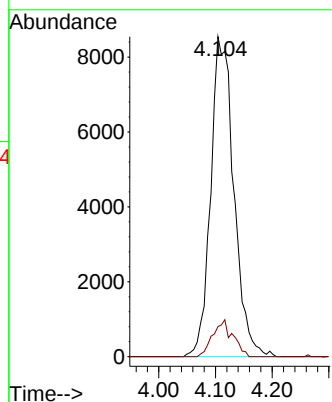
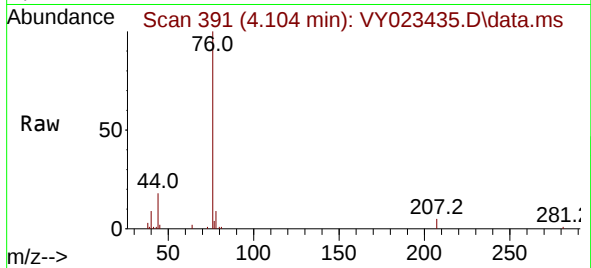




#17
Carbon Disulfide
Concen: 1.675 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY023435.D
Acq: 10 Oct 2025 13:40

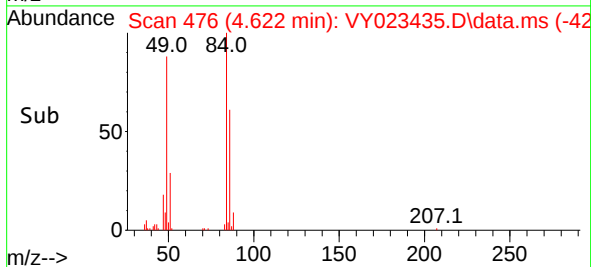
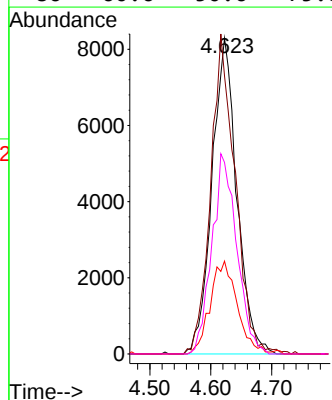
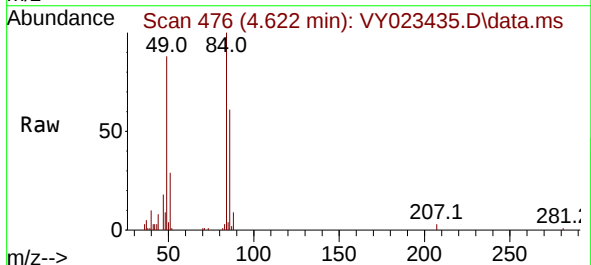
Instrument :
MSVOA_Y
ClientSampleId :
SED-02-0-2

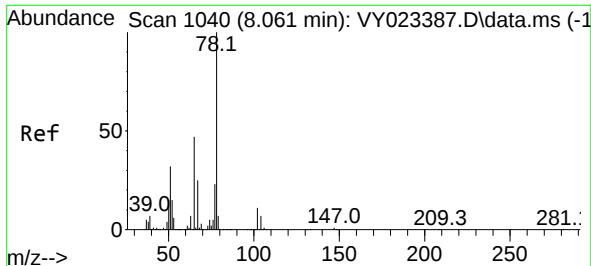
Tgt Ion: 76 Resp: 24235
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#20
Methylene Chloride
Concen: 3.865 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY023435.D
Acq: 10 Oct 2025 13:40

Tgt Ion: 84 Resp: 23577
Ion Ratio Lower Upper
84 100
49 88.0 80.2 120.4
51 29.4 25.9 38.9
86 60.6 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 62.959 ug/l

RT: 8.067 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023435.D

Acq: 10 Oct 2025 13:40

Instrument :

MSVOA_Y

ClientSampleId :

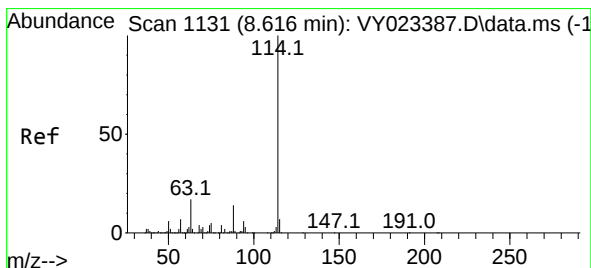
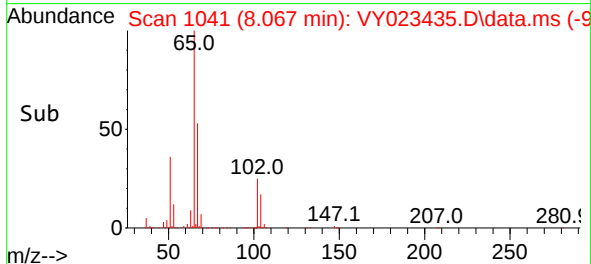
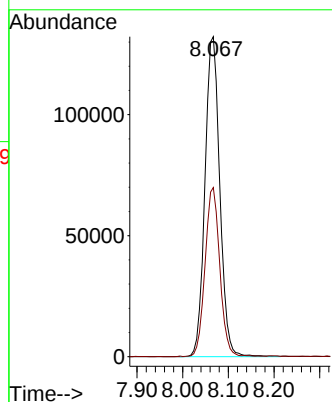
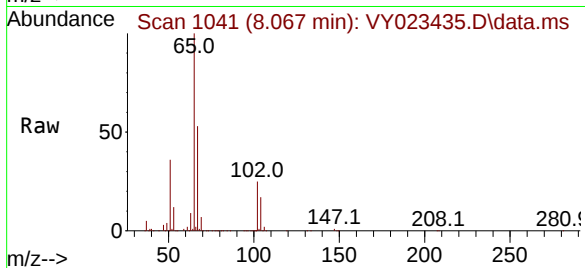
SED-02-0-2

Tgt Ion: 65 Resp: 298342

Ion Ratio Lower Upper

65 100

67 52.2 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: VY023435.D

Acq: 10 Oct 2025 13:40

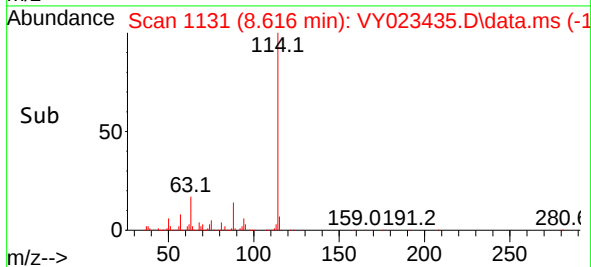
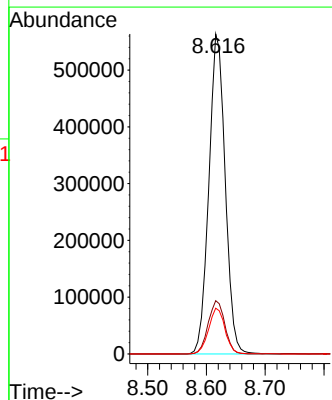
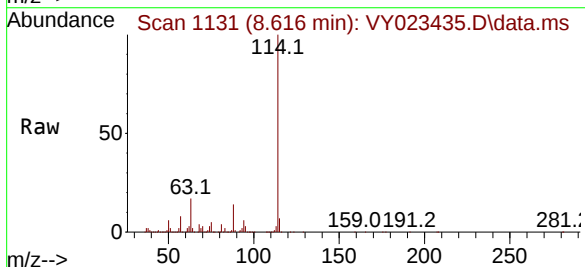
Tgt Ion: 114 Resp: 1088713

Ion Ratio Lower Upper

114 100

63 16.7 0.0 34.2

88 14.3 0.0 28.4

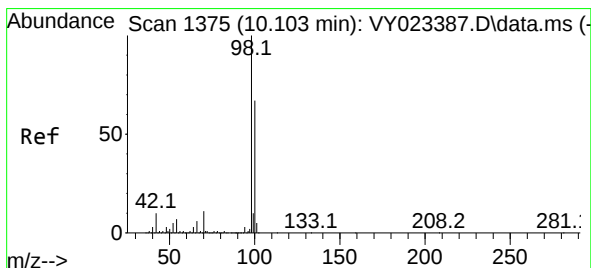
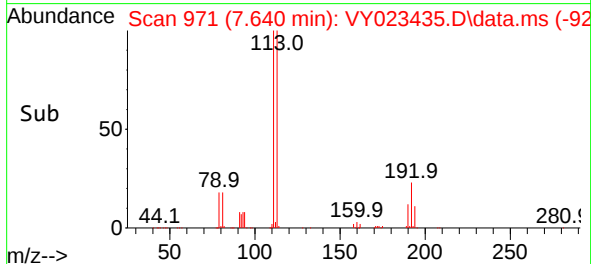
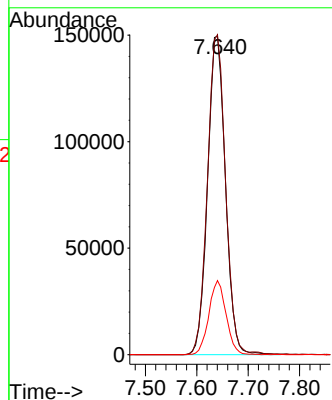
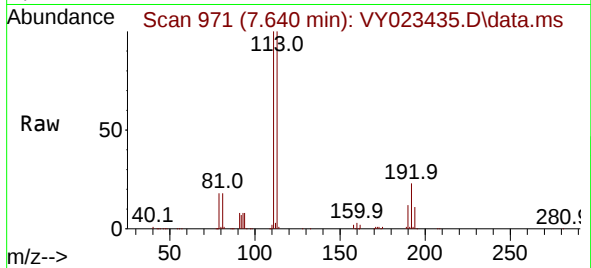




#35
Dibromofluoromethane
Concen: 53.756 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023435.D
Acq: 10 Oct 2025 13:40

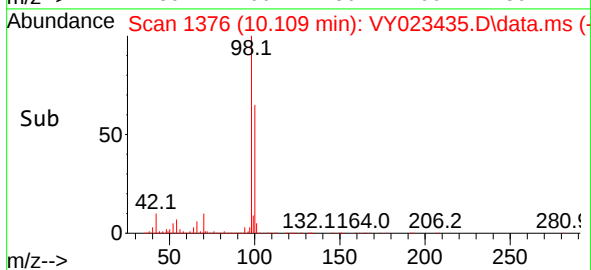
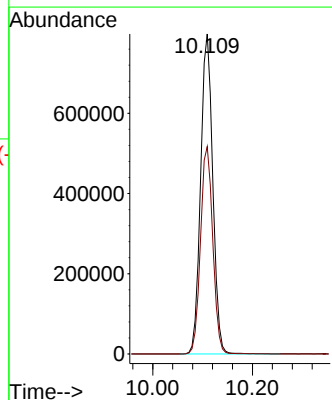
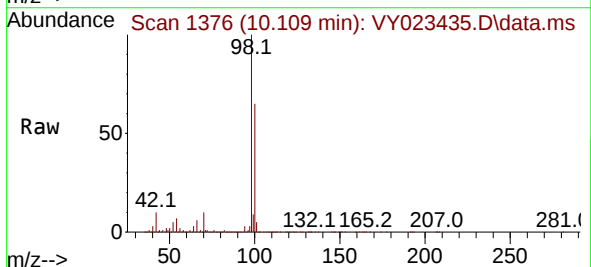
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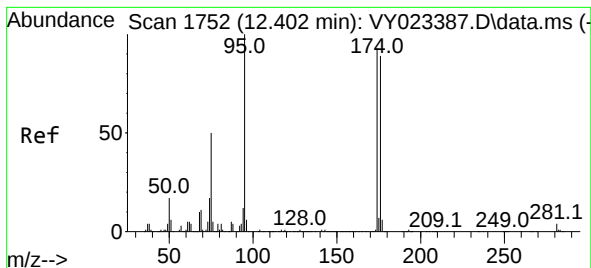
Tgt Ion:113 Resp: 359608
Ion Ratio Lower Upper
113 100
111 102.4 81.8 122.6
192 22.5 18.0 27.0



#50
Toluene-d8
Concen: 54.070 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023435.D
Acq: 10 Oct 2025 13:40

Tgt Ion: 98 Resp: 1347045
Ion Ratio Lower Upper
98 100
100 65.4 53.0 79.4

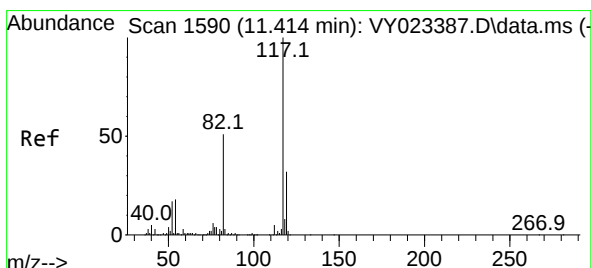
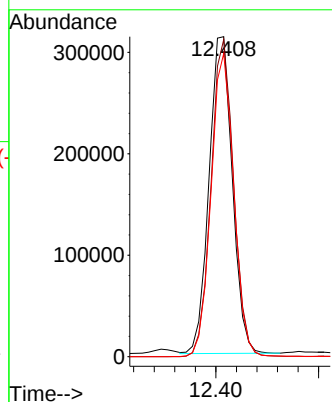
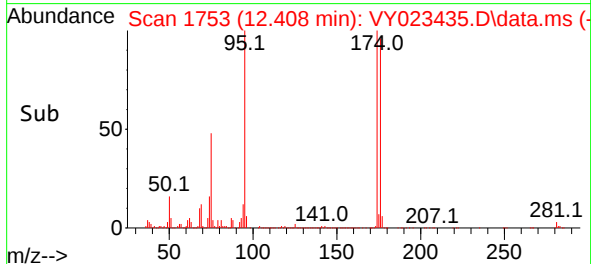
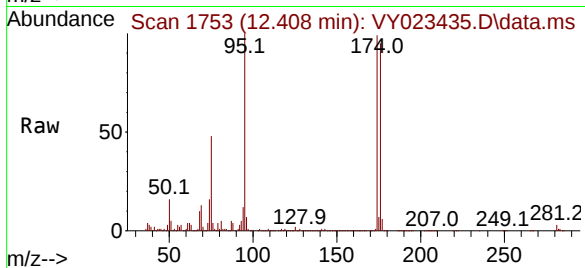




#62
4-Bromofluorobenzene
Concen: 59.754 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023435.D
Acq: 10 Oct 2025 13:40

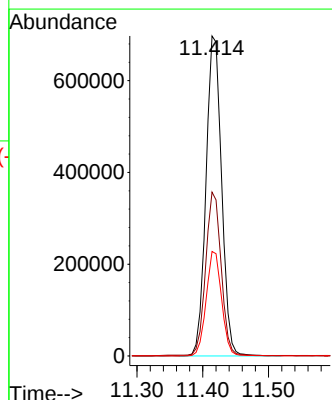
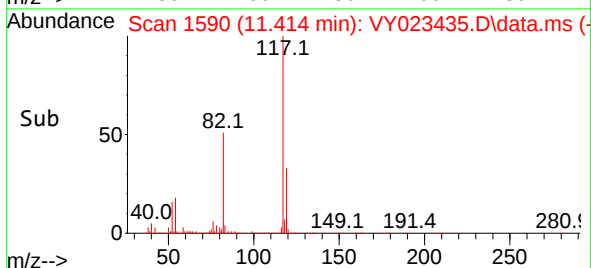
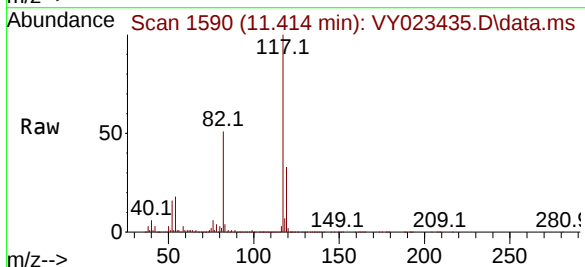
Instrument :
MSVOA_Y
ClientSampleId :
SED-02-0-2

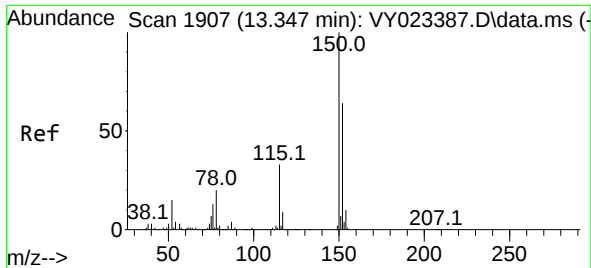
Tgt Ion: 95 Resp: 491472
Ion Ratio Lower Upper
95 100
174 97.1 0.0 192.8
176 93.4 0.0 187.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY023435.D
Acq: 10 Oct 2025 13:40

Tgt Ion: 117 Resp: 1150595
Ion Ratio Lower Upper
117 100
82 51.0 41.0 61.4
119 32.6 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY023435.D
 Acq: 10 Oct 2025 13:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 SED-02-0-2

Tgt Ion:152 Resp: 533404
 Ion Ratio Lower Upper
 152 100
 115 54.5 27.1 81.2
 150 157.3 0.0 347.4

