

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031125\
 Data File : VY021482.D
 Acq On : 11 Mar 2025 13:35
 Operator : SY/MD
 Sample : Q1514-01
 Misc : 7.28g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ENV-105-SB01

Quant Time: Mar 12 01:24:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

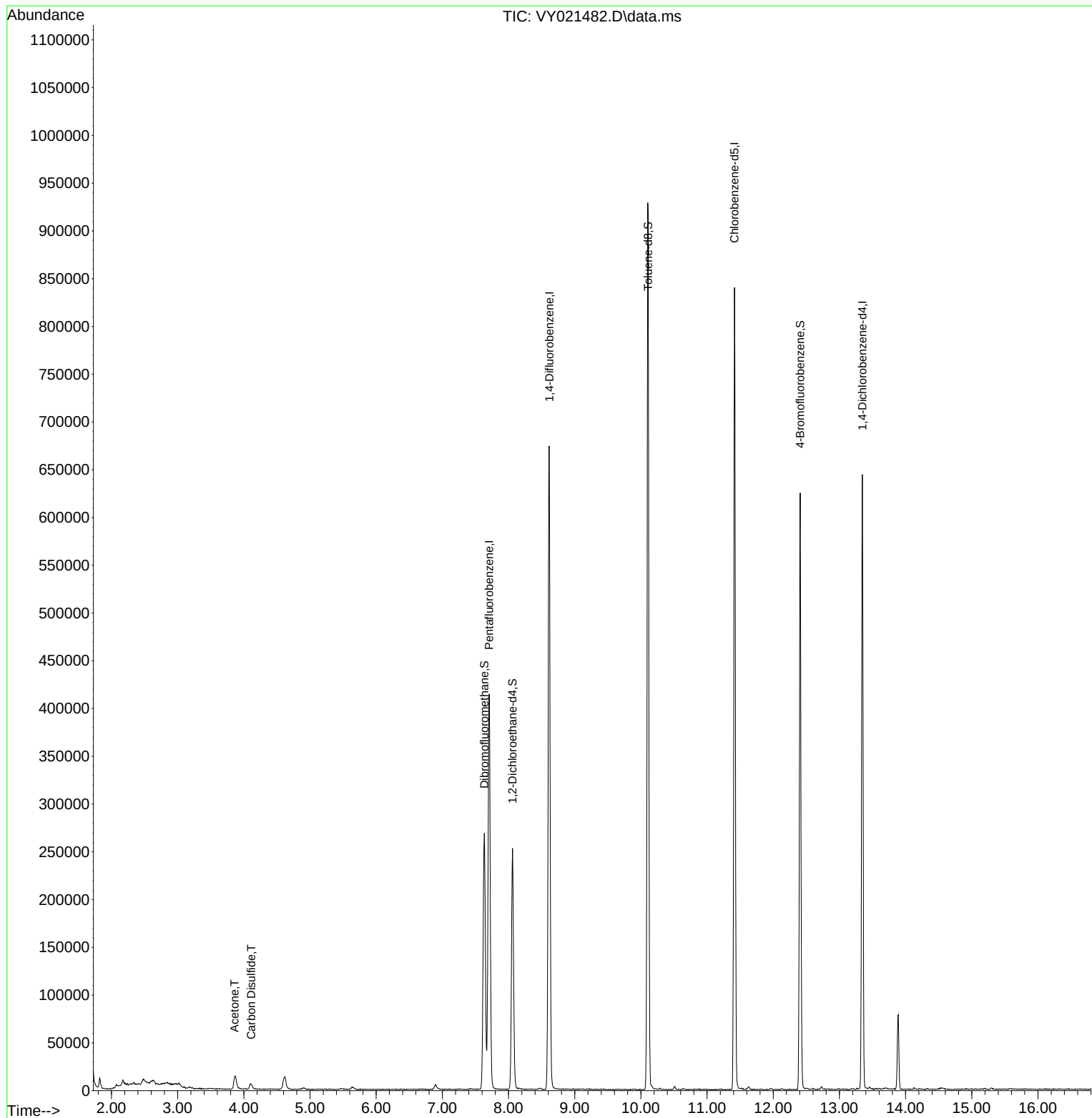
Internal Standards						
1) Pentafluorobenzene	7.707	168	310817	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	561377	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	429027	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	159534	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	198337	60.374	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.740%
35) Dibromofluoromethane	7.634	113	189469	51.346	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.700%
50) Toluene-d8	10.109	98	597514	42.766	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.540%
62) 4-Bromofluorobenzene	12.408	95	174764	36.773	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	73.540%
Target Compounds						
						Qvalue
16) Acetone	3.860	43	26145	36.489	ug/l	99
17) Carbon Disulfide	4.110	76	10693	1.069	ug/l #	94

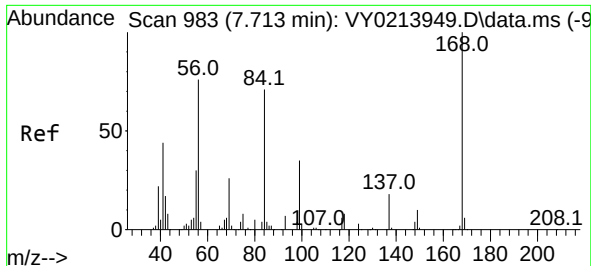
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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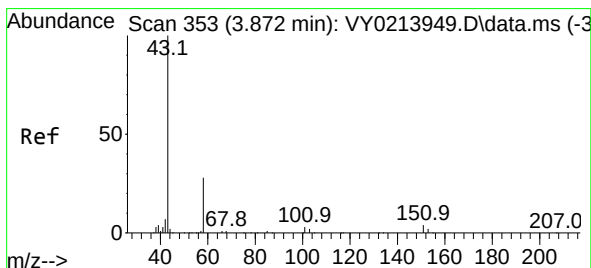
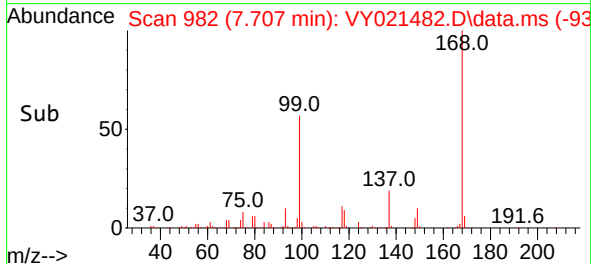
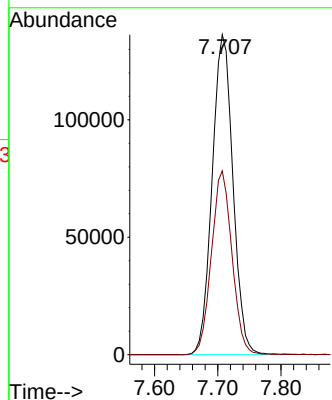
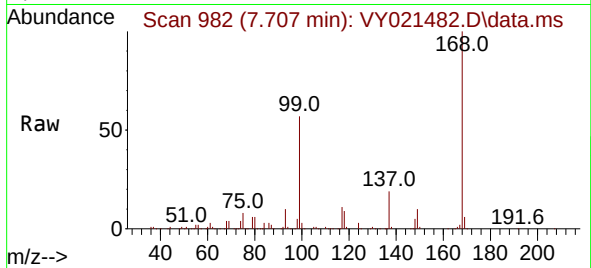




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021482.D
Acq: 11 Mar 2025 13:35

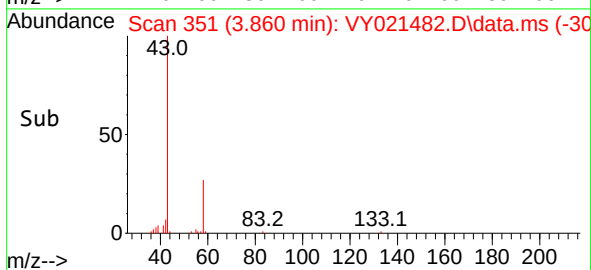
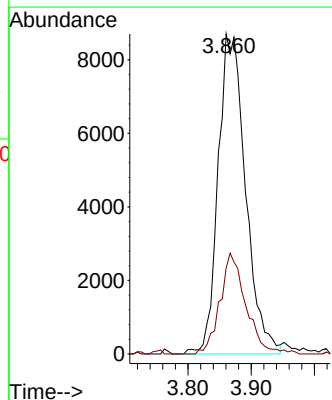
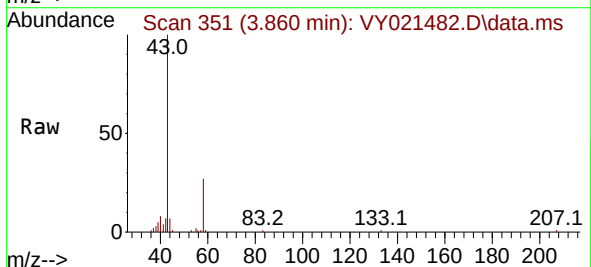
Instrument :
MSVOA_Y
ClientSampleId :
ENV-105-SB01

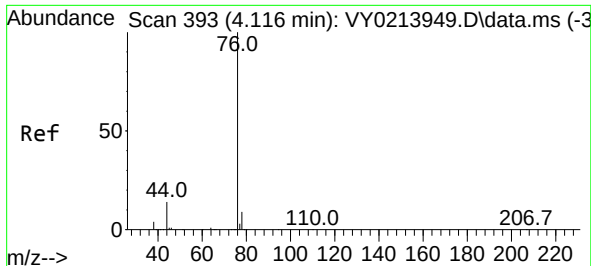
Tgt Ion:168 Resp: 310817
Ion Ratio Lower Upper
168 100
99 57.5 46.0 69.0



#16
Acetone
Concen: 36.489 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.012 min
Lab File: VY021482.D
Acq: 11 Mar 2025 13:35

Tgt Ion: 43 Resp: 26145
Ion Ratio Lower Upper
43 100
58 26.8 22.1 33.1

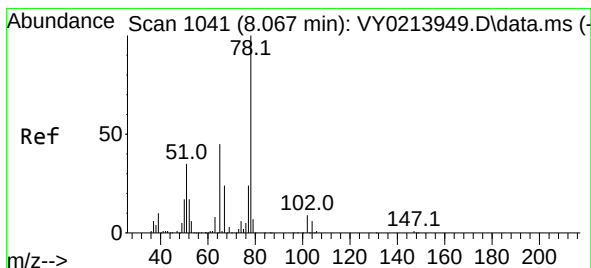
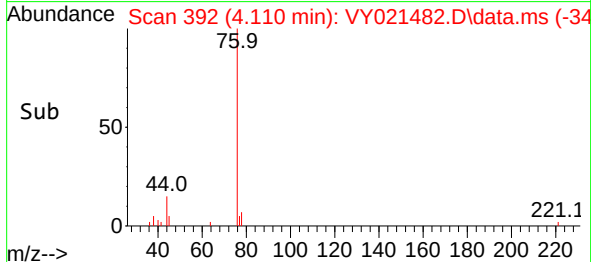
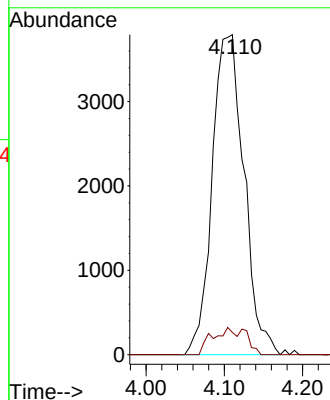
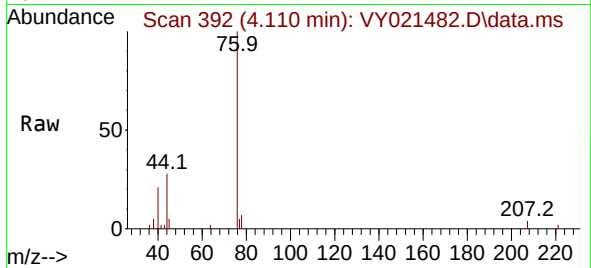




#17
Carbon Disulfide
Concen: 1.069 ug/l
RT: 4.110 min Scan# 393
Delta R.T. -0.006 min
Lab File: VY021482.D
Acq: 11 Mar 2025 13:35

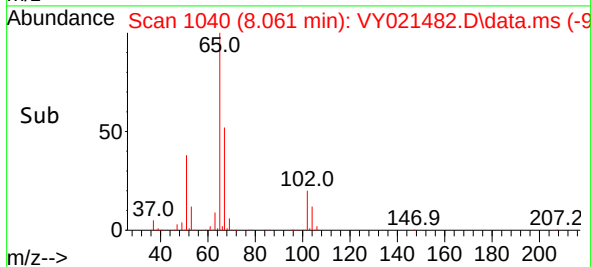
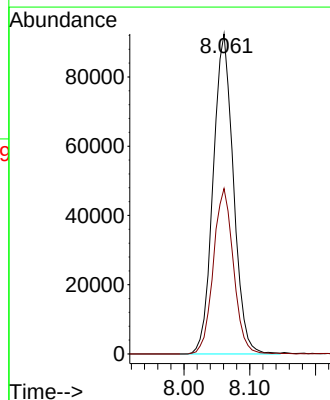
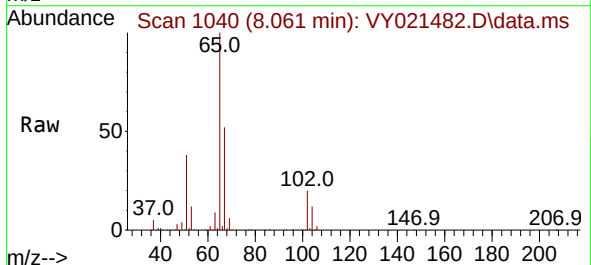
Instrument :
MSVOA_Y
ClientSampleId :
ENV-105-SB01

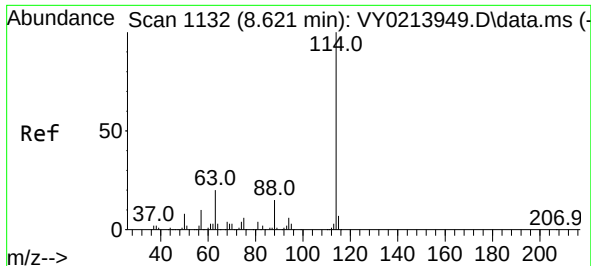
Tgt Ion: 76 Resp: 10693
Ion Ratio Lower Upper
76 100
78 7.0 7.4 11.0#



#33
1,2-Dichloroethane-d4
Concen: 60.374 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021482.D
Acq: 11 Mar 2025 13:35

Tgt Ion: 65 Resp: 198337
Ion Ratio Lower Upper
65 100
67 51.4 0.0 102.8

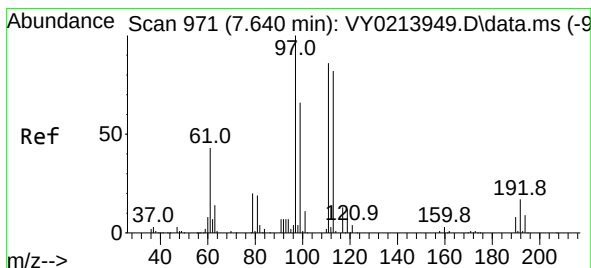
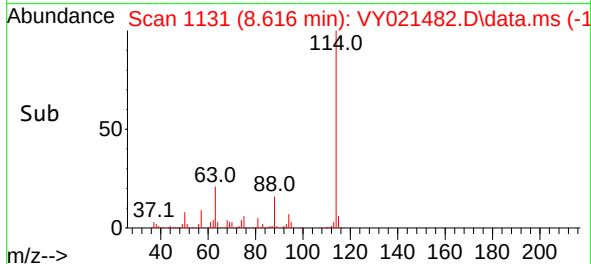
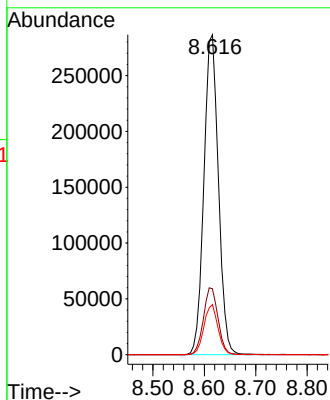
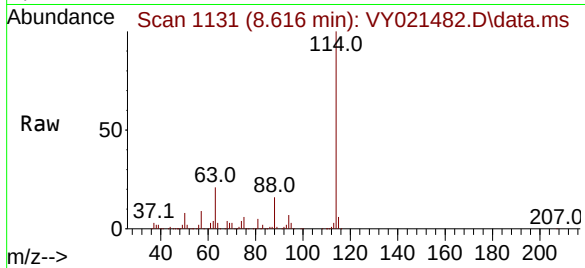




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021482.D
Acq: 11 Mar 2025 13:35

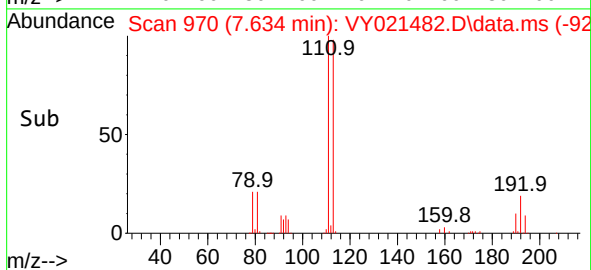
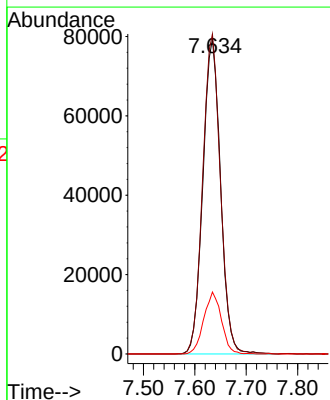
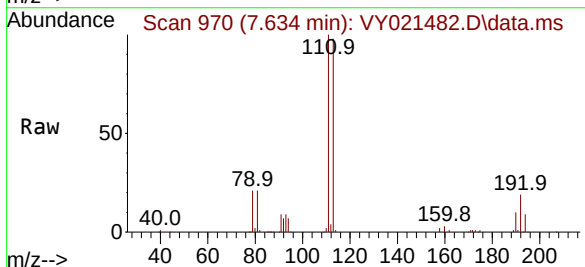
Instrument :
MSVOA_Y
ClientSampleId :
ENV-105-SB01

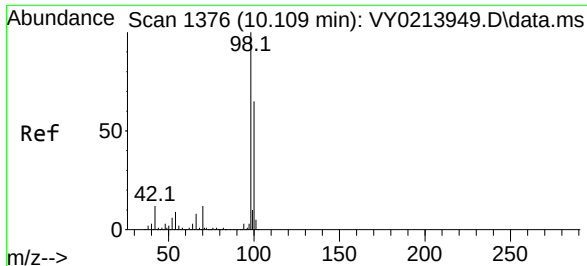
Tgt Ion:114 Resp: 561377
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.8
88 15.6 0.0 30.8



#35
Dibromofluoromethane
Concen: 51.346 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021482.D
Acq: 11 Mar 2025 13:35

Tgt Ion:113 Resp: 189469
Ion Ratio Lower Upper
113 100
111 101.6 82.0 123.0
192 19.7 15.9 23.9

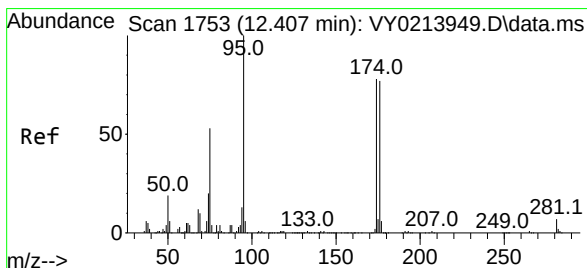
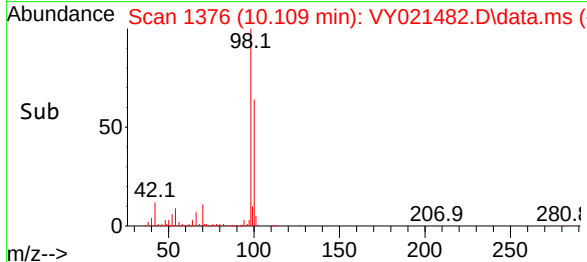
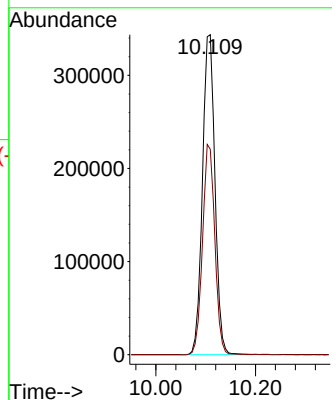
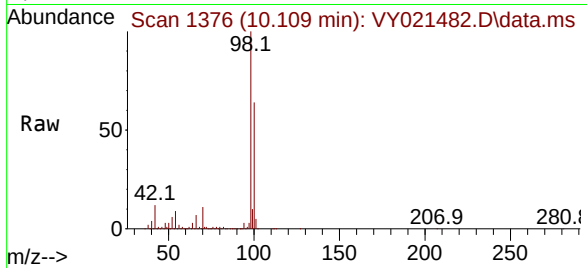




#50
Toluene-d8
Concen: 42.766 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021482.D
Acq: 11 Mar 2025 13:35

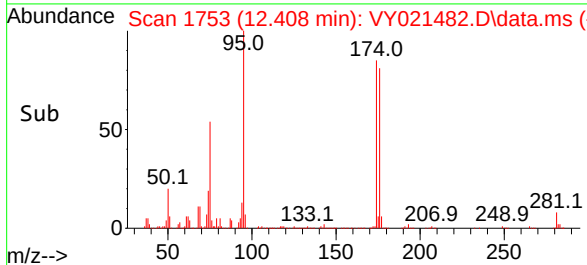
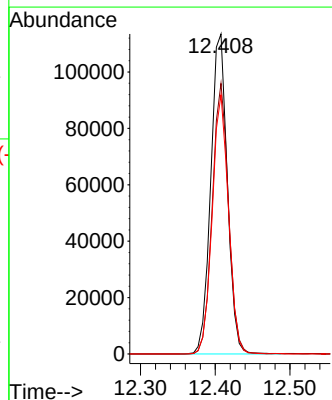
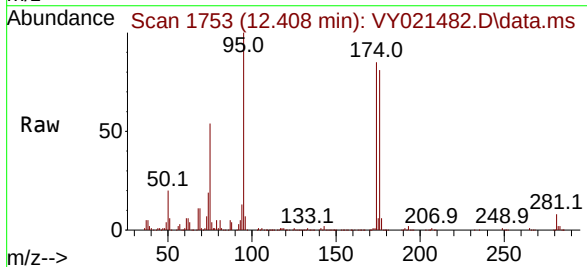
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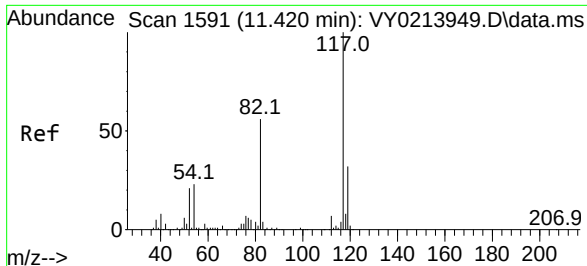
Tgt Ion: 98 Resp: 597514
Ion Ratio Lower Upper
98 100
100 64.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 36.773 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021482.D
Acq: 11 Mar 2025 13:35

Tgt Ion: 95 Resp: 174764
Ion Ratio Lower Upper
95 100
174 83.1 0.0 165.0
176 79.7 0.0 160.0

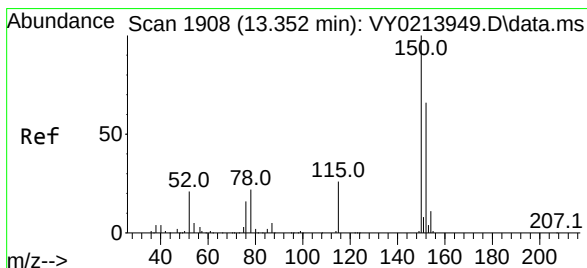
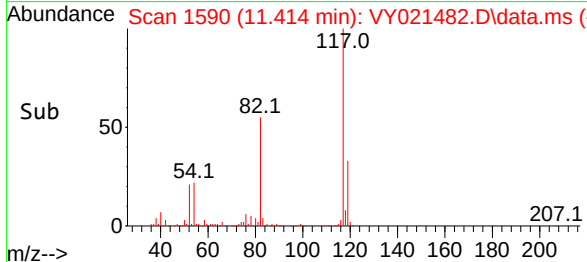
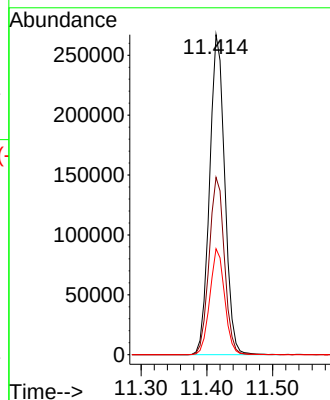
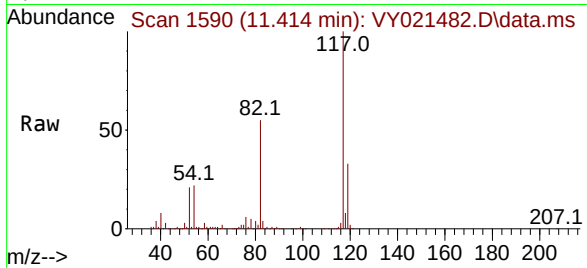




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021482.D
Acq: 11 Mar 2025 13:35

Instrument :
MSVOA_Y
ClientSampleId :
ENV-105-SB01

Tgt Ion:117 Resp: 429027
Ion Ratio Lower Upper
117 100
82 55.4 44.6 67.0
119 33.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021482.D
Acq: 11 Mar 2025 13:35

Tgt Ion:152 Resp: 159534
Ion Ratio Lower Upper
152 100
115 57.9 29.0 87.0
150 155.7 0.0 347.2

