

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030525\
 Data File : VY021418.D
 Acq On : 05 Mar 2025 17:18
 Operator : SY/MD
 Sample : Q1475-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-02282025

Quant Time: Mar 05 18:13:27 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)

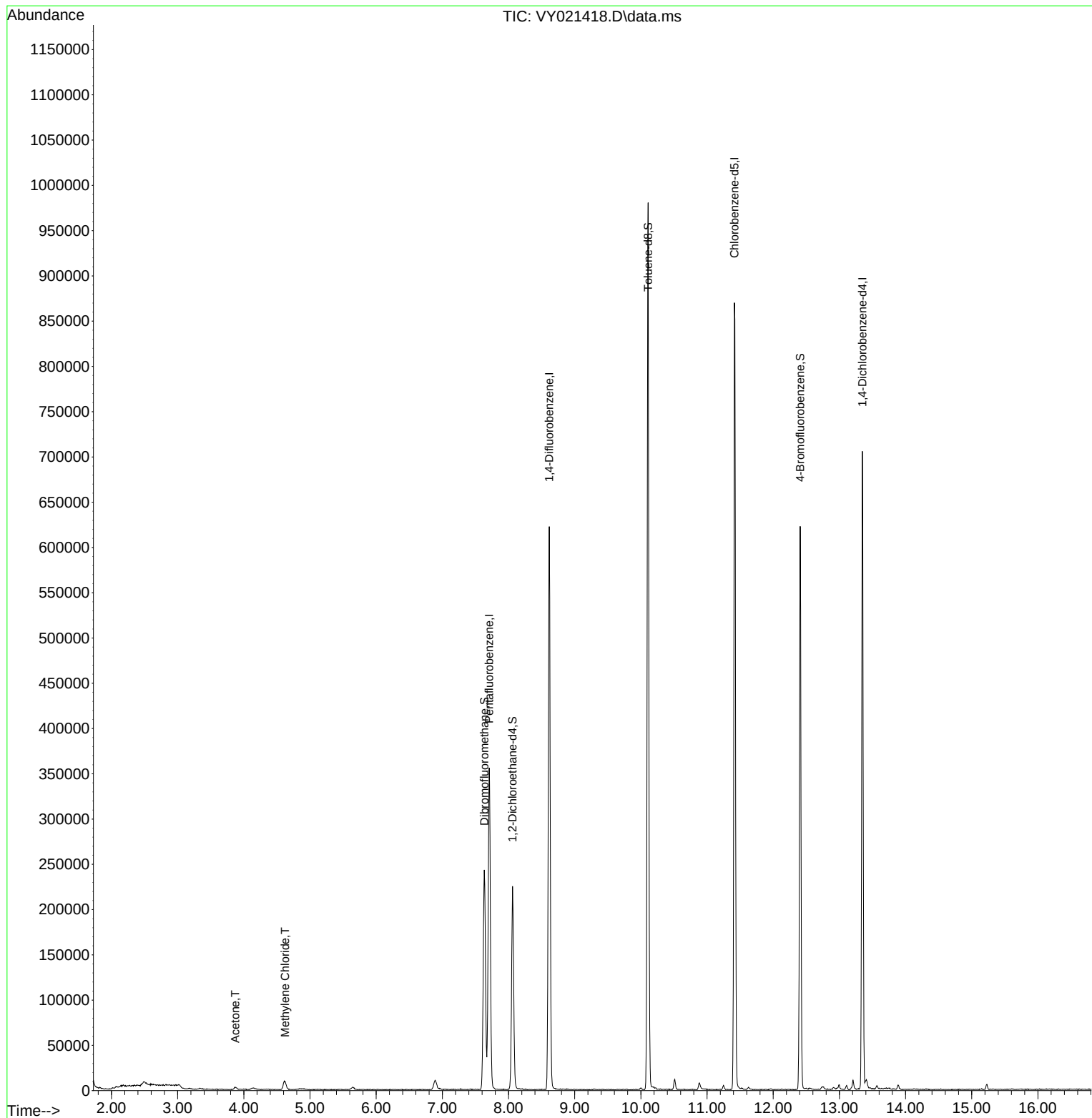
Internal Standards						
1) Pentafluorobenzene	7.707	168	268882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	508298	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	449100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	163914	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	171804	60.453	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.900%
35) Dibromofluoromethane	7.634	113	172397	51.599	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.200%
50) Toluene-d8	10.109	98	613557	48.500	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.000%
62) 4-Bromofluorobenzene	12.408	95	183683	42.685	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.380%
Target Compounds						
						Qvalue
16) Acetone	3.873	43	4503	7.265	ug/l	94
20) Methylene Chloride	4.622	84	6453	1.983	ug/l	95

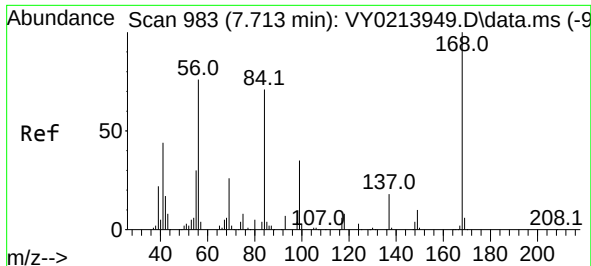
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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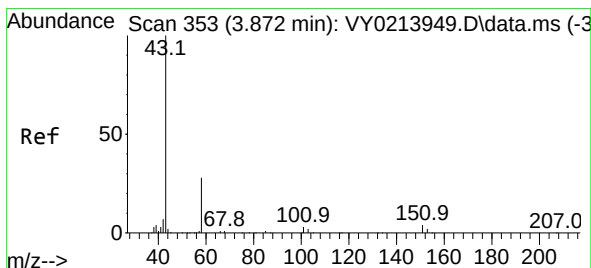
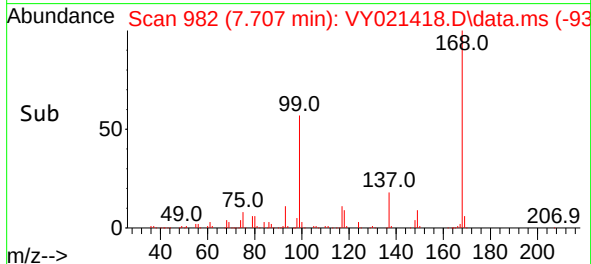
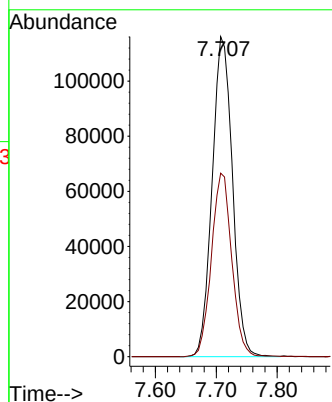
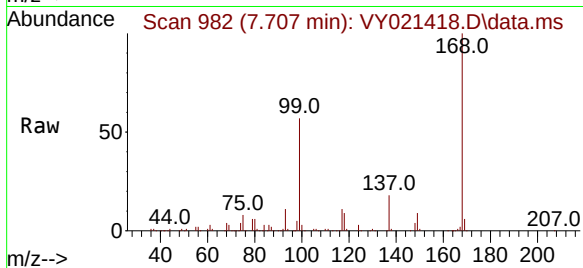




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021418.D
Acq: 05 Mar 2025 17:18

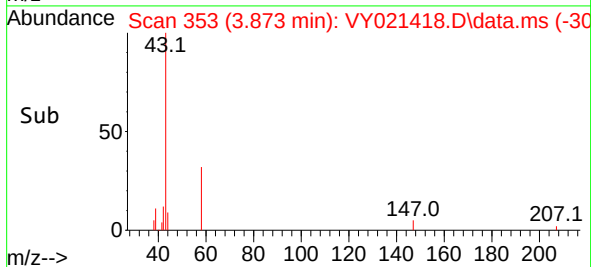
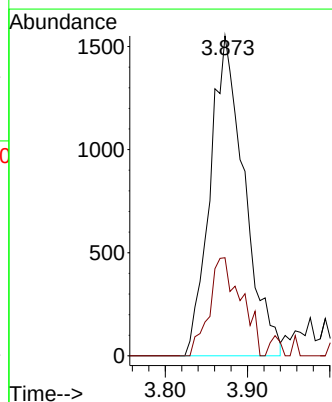
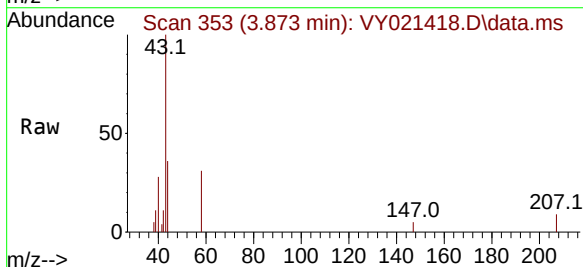
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-02282025

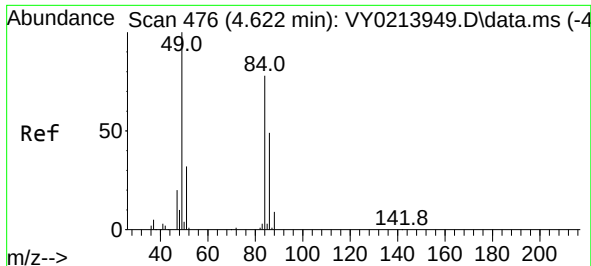
Tgt Ion:168 Resp: 268882
Ion Ratio Lower Upper
168 100
99 57.4 46.0 69.0



#16
Acetone
Concen: 7.265 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.001 min
Lab File: VY021418.D
Acq: 05 Mar 2025 17:18

Tgt Ion: 43 Resp: 4503
Ion Ratio Lower Upper
43 100
58 30.7 22.1 33.1

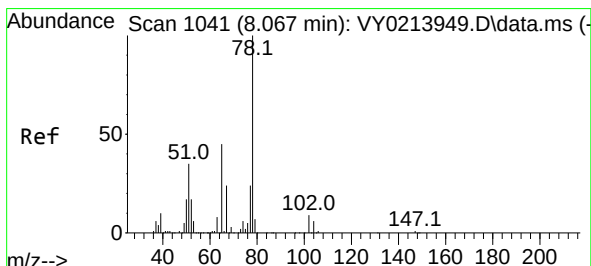
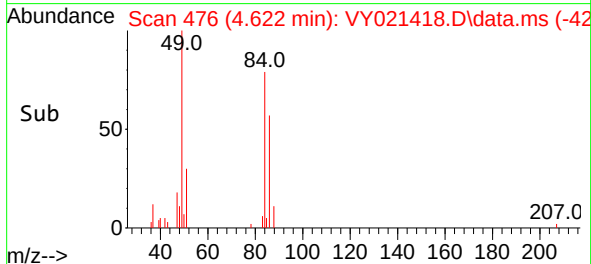
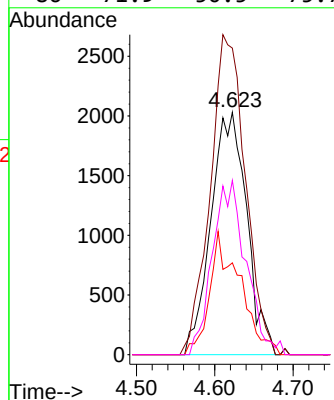
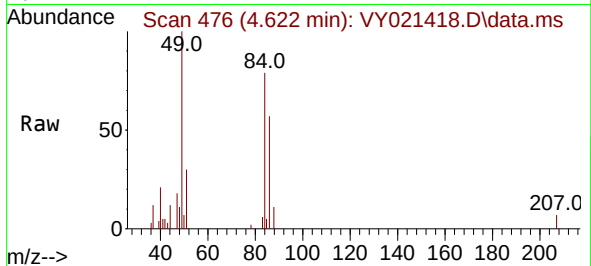




#20
Methylene Chloride
Concen: 1.983 ug/l
RT: 4.622 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY021418.D
Acq: 05 Mar 2025 17:18

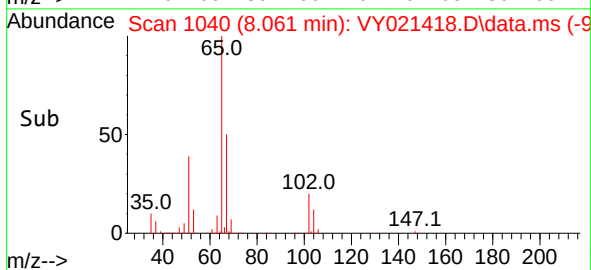
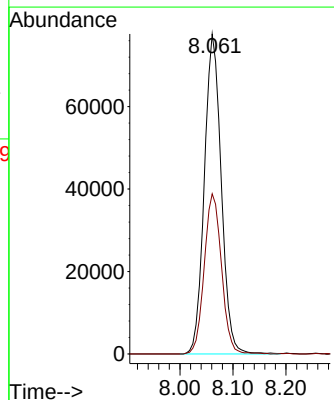
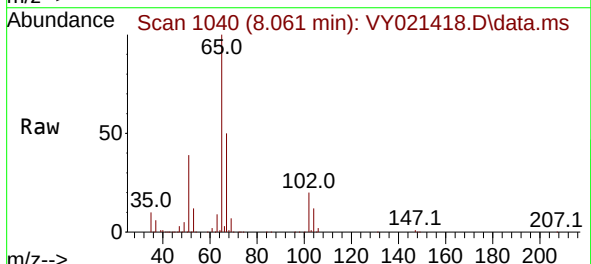
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-02282025

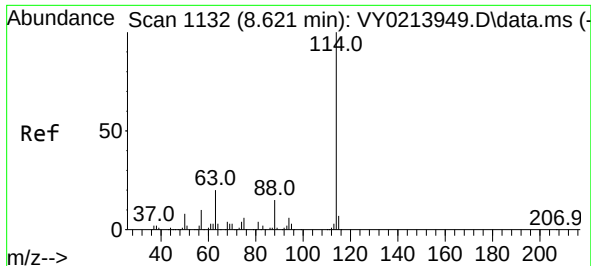
Tgt Ion:	84	Resp:	6453
Ion	Ratio	Lower	Upper
84	100		
49	126.5	102.0	153.0
51	37.9	33.0	49.6
86	71.9	50.5	75.7



#33
1,2-Dichloroethane-d4
Concen: 60.453 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021418.D
Acq: 05 Mar 2025 17:18

Tgt Ion:	65	Resp:	171804
Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	102.8

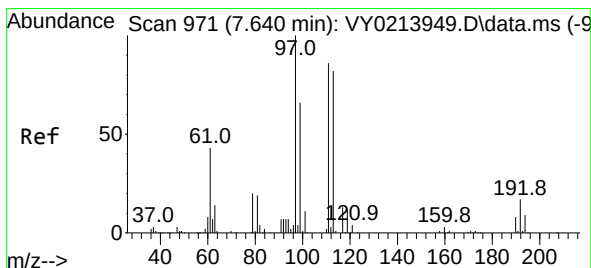
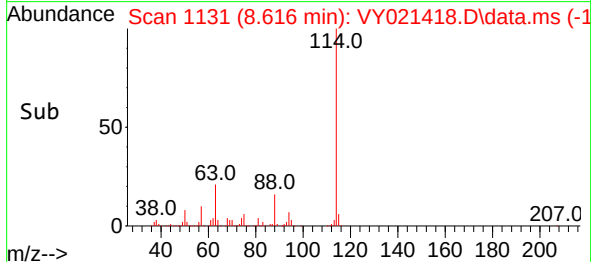
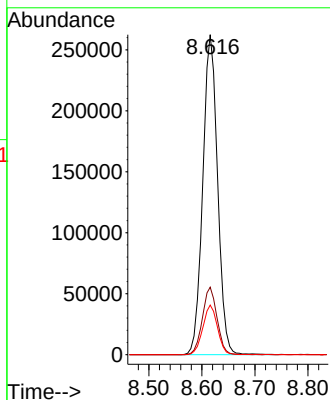
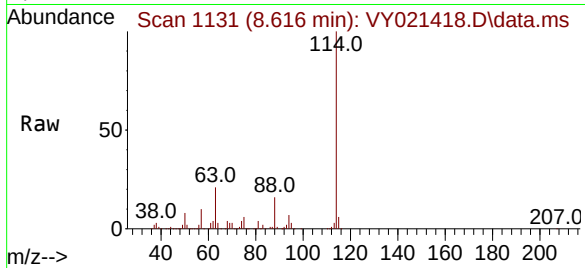




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021418.D
Acq: 05 Mar 2025 17:18

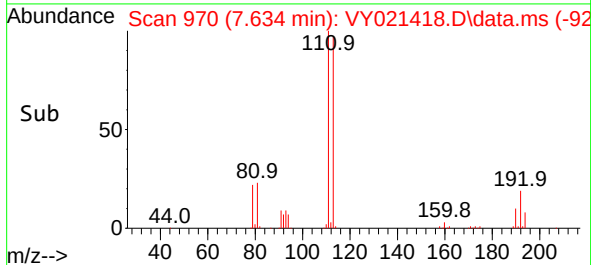
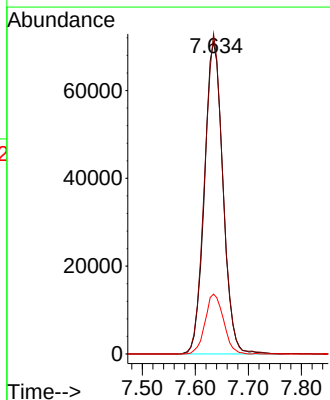
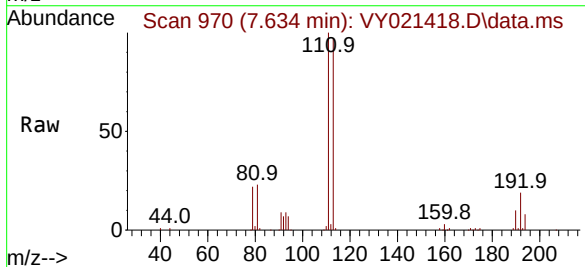
Instrument :
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ClientSampleId :
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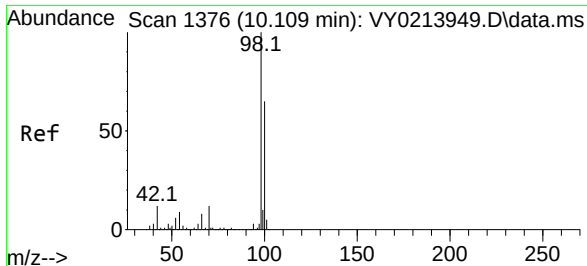
Tgt Ion:114 Resp: 508298
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.8
88 15.5 0.0 30.8



#35
Dibromofluoromethane
Concen: 51.599 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021418.D
Acq: 05 Mar 2025 17:18

Tgt Ion:113 Resp: 172397
Ion Ratio Lower Upper
113 100
111 101.4 82.0 123.0
192 19.1 15.9 23.9

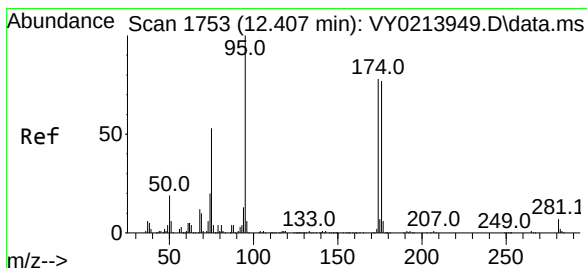
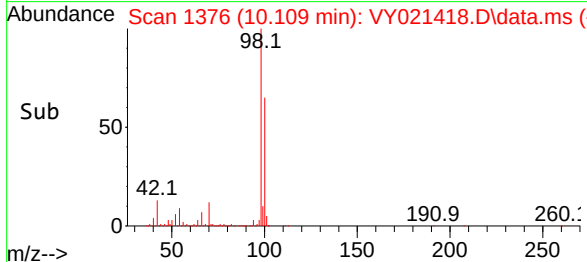
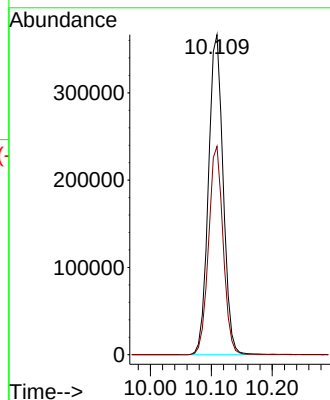
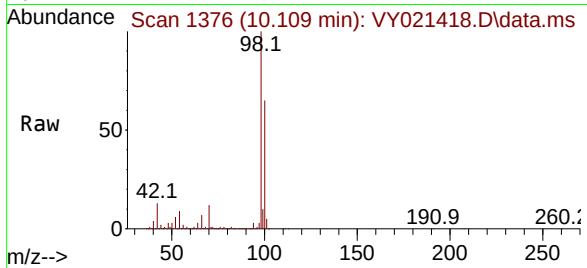




#50
Toluene-d8
Concen: 48.500 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021418.D
Acq: 05 Mar 2025 17:18

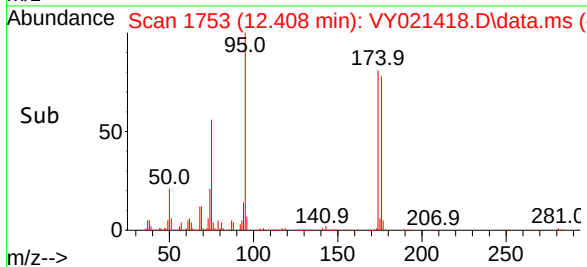
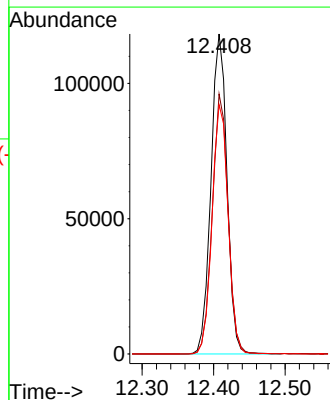
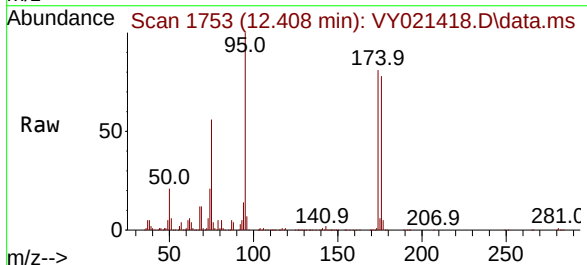
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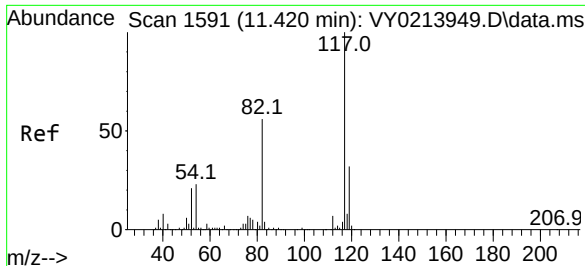
Tgt Ion: 98 Resp: 613557
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 42.685 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021418.D
Acq: 05 Mar 2025 17:18

Tgt Ion: 95 Resp: 183683
Ion Ratio Lower Upper
95 100
174 80.2 0.0 165.0
176 78.4 0.0 160.0

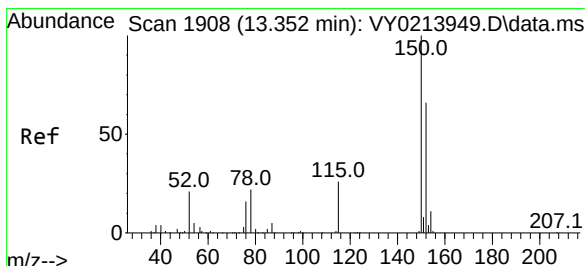
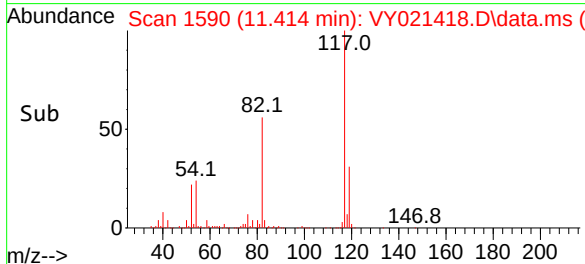
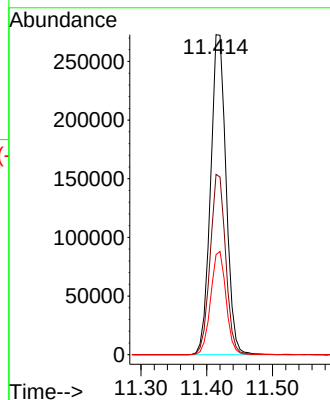
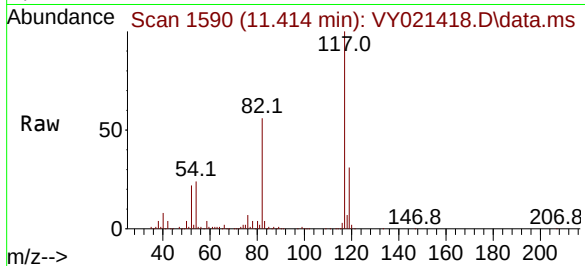




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021418.D
Acq: 05 Mar 2025 17:18

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-02282025

Tgt Ion:117 Resp: 449100
Ion Ratio Lower Upper
117 100
82 56.3 44.6 67.0
119 31.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021418.D
Acq: 05 Mar 2025 17:18

Tgt Ion:152 Resp: 163914
Ion Ratio Lower Upper
152 100
115 60.7 29.0 87.0
150 160.0 0.0 347.2

