

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013123\
 Data File : VY012430.D
 Acq On : 31 Jan 2023 19:06
 Operator : KP/MD
 Sample : 01374-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-3-13123-A

Quant Time: Feb 01 01:26:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

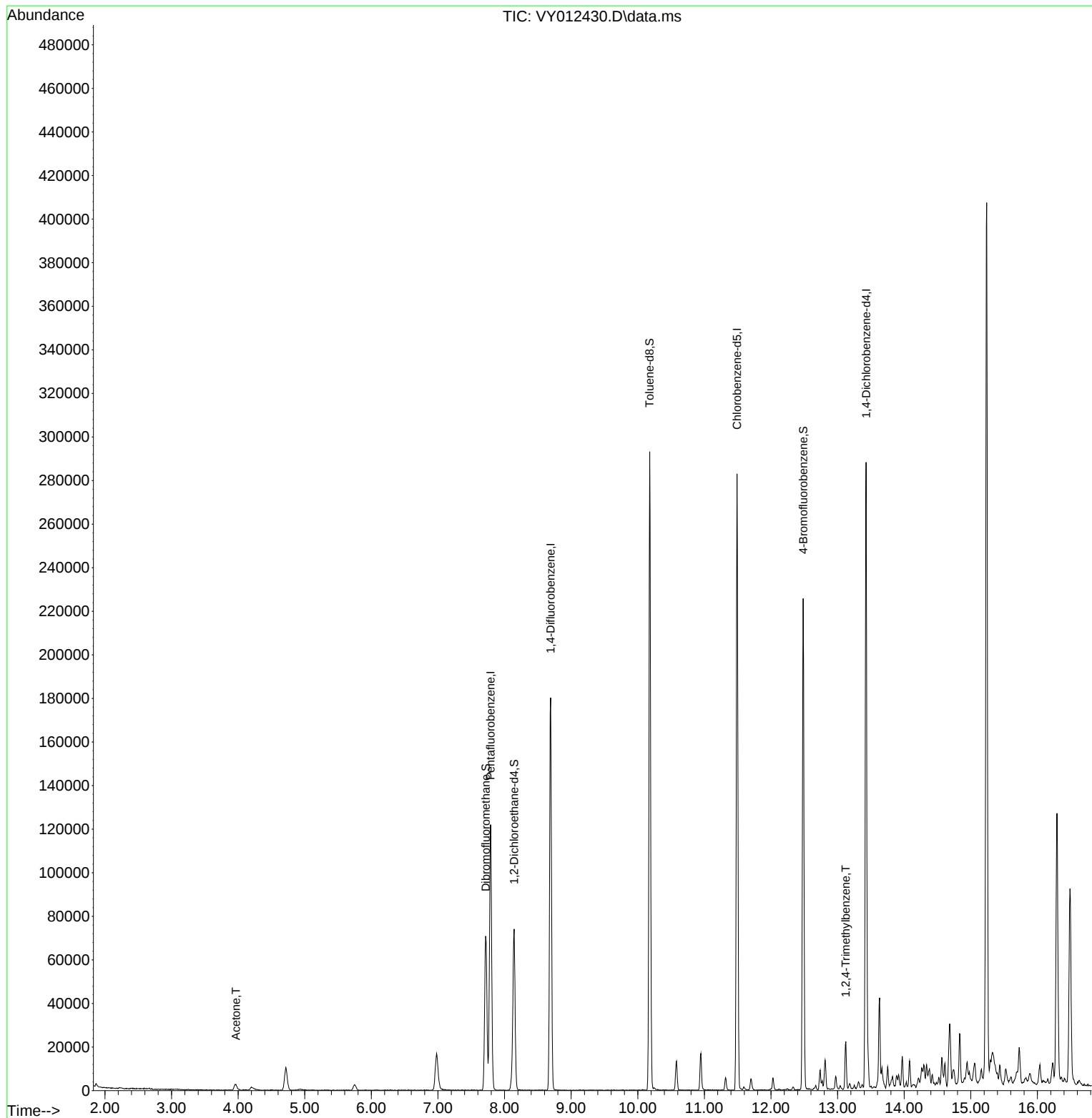
Internal Standards						
1) Pentafluorobenzene	7.789	168	97846	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	163406	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	161055	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	78725	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	57881	73.191	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 146.380%	
35) Dibromofluoromethane	7.716	113	50276	58.107	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.220%	
50) Toluene-d8	10.179	98	194958	66.458	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 132.920%	
62) 4-Bromofluorobenzene	12.483	95	65326	53.558	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.120%	
Target Compounds						
					Qvalue	
16) Acetone	3.967	43	5222	19.166	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	12547	2.578	ug/l	97

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

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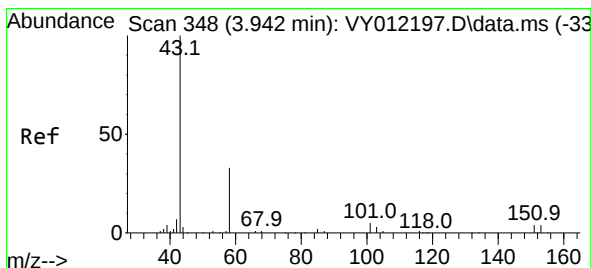
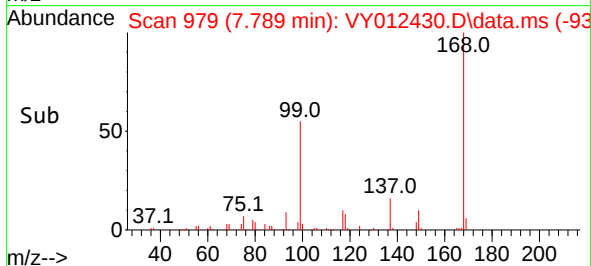
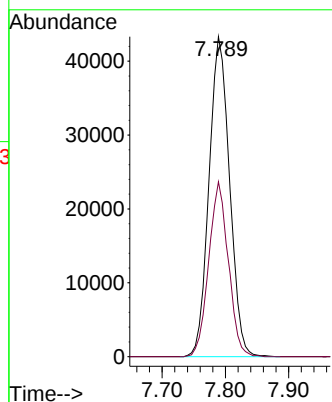
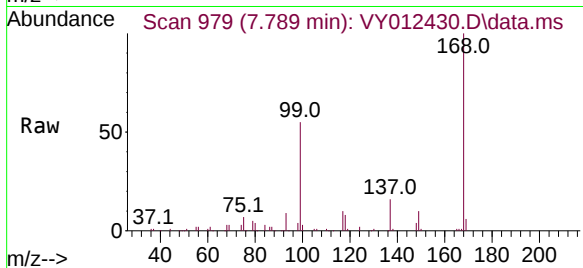




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012430.D
Acq: 31 Jan 2023 19:06

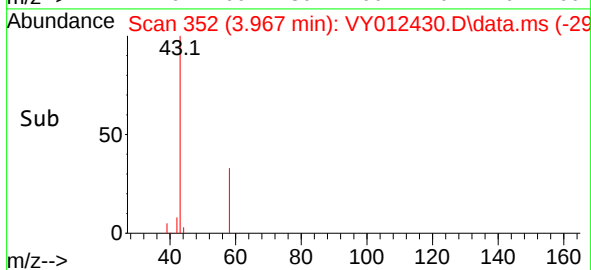
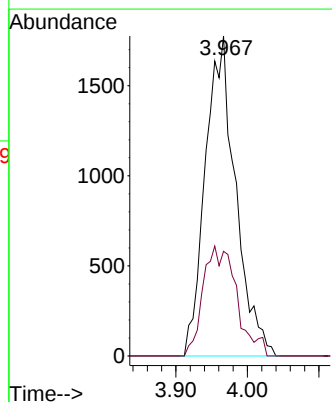
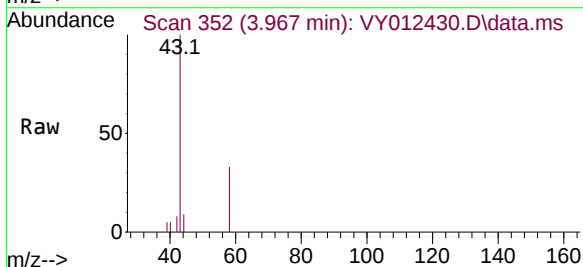
Instrument :
MSVOA_Y
ClientSampleId :
JC-3-13123-A

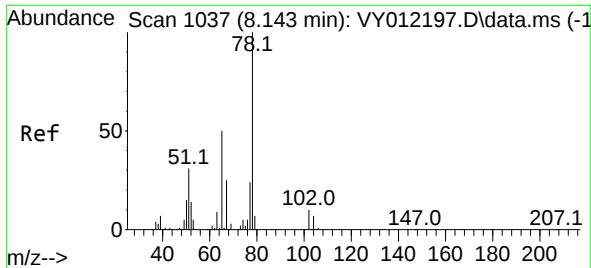
Tgt Ion:168 Resp: 97846
Ion Ratio Lower Upper
168 100
99 54.7 44.0 66.0



#16
Acetone
Concen: 19.166 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.025 min
Lab File: VY012430.D
Acq: 31 Jan 2023 19:06

Tgt Ion: 43 Resp: 5222
Ion Ratio Lower Upper
43 100
58 32.7 27.9 41.9

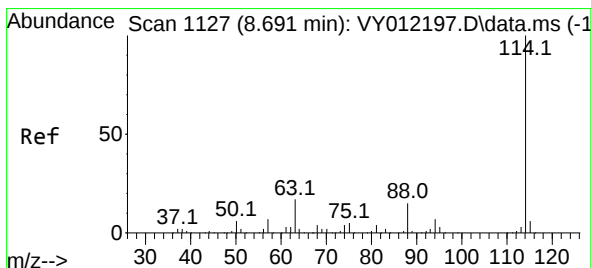
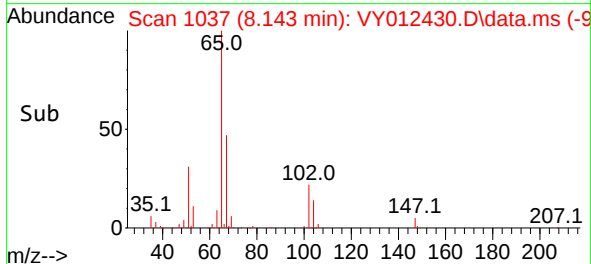
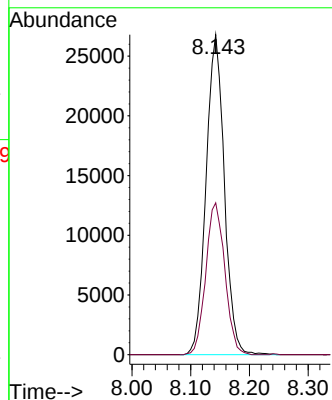
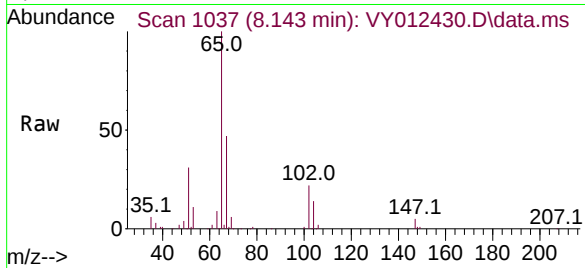




#33
 1,2-Dichloroethane-d4
 Concen: 73.191 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY012430.D
 Acq: 31 Jan 2023 19:06

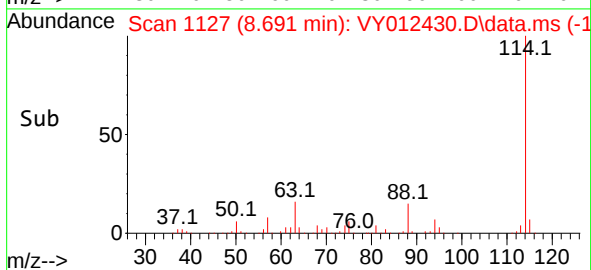
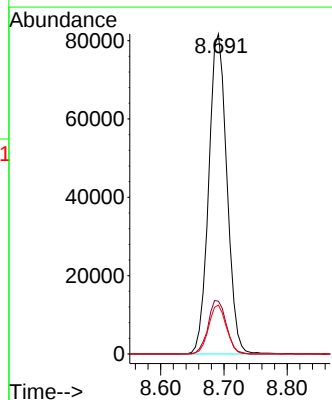
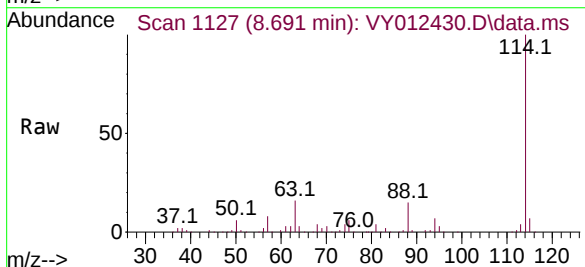
Instrument :
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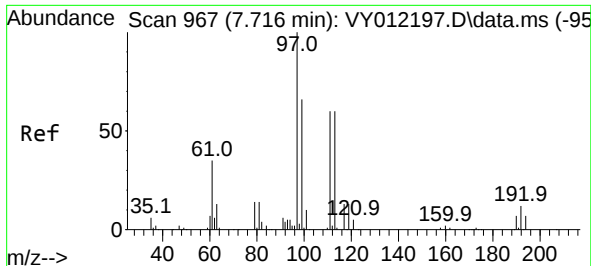
Tgt Ion: 65 Resp: 57881
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY012430.D
 Acq: 31 Jan 2023 19:06

Tgt Ion: 114 Resp: 163406
 Ion Ratio Lower Upper
 114 100
 63 16.5 0.0 39.6
 88 15.3 0.0 32.2

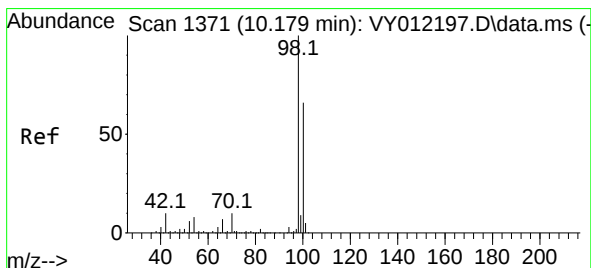
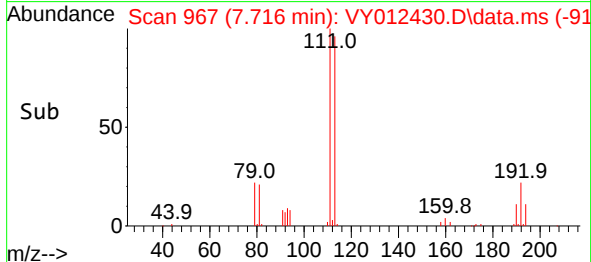
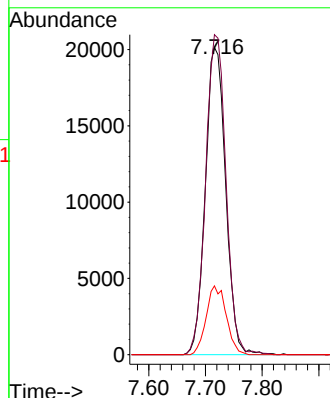
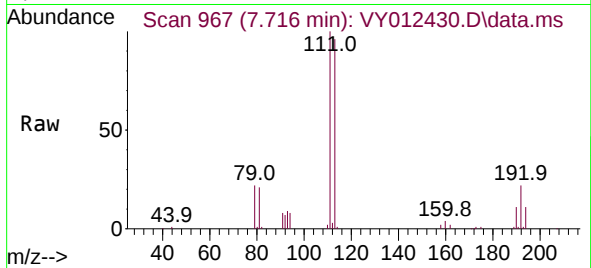




#35
Dibromofluoromethane
Concen: 58.107 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012430.D
Acq: 31 Jan 2023 19:06

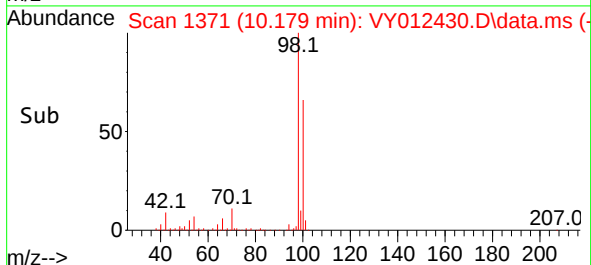
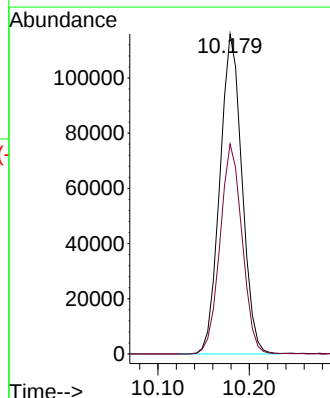
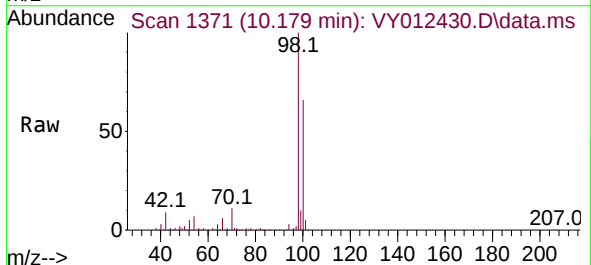
Instrument :
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ClientSampleId :
JC-3-13123-A

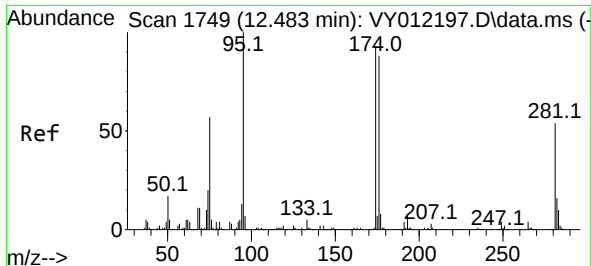
Tgt Ion:113 Resp: 50276
Ion Ratio Lower Upper
113 100
111 104.1 83.0 124.4
192 22.0 16.0 24.0



#50
Toluene-d8
Concen: 66.458 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012430.D
Acq: 31 Jan 2023 19:06

Tgt Ion: 98 Resp: 194958
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9

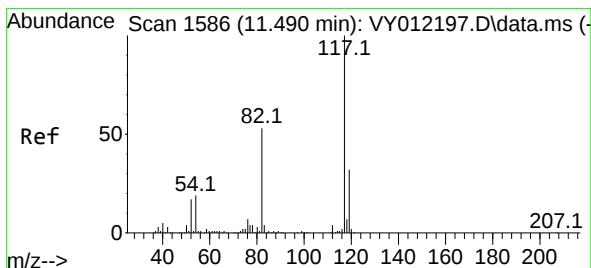
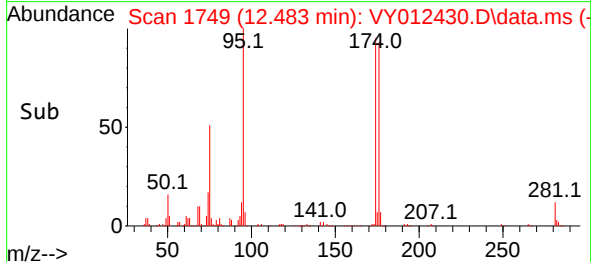
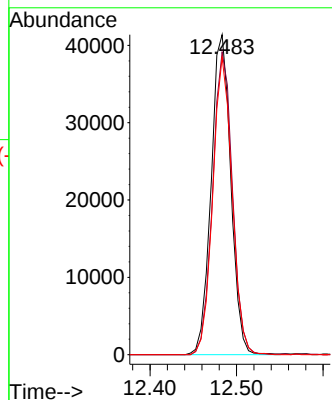
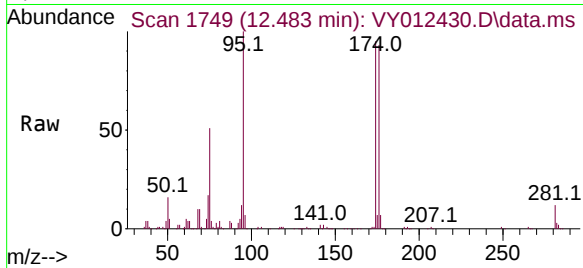




#62
4-Bromofluorobenzene
Concen: 53.558 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012430.D
Acq: 31 Jan 2023 19:06

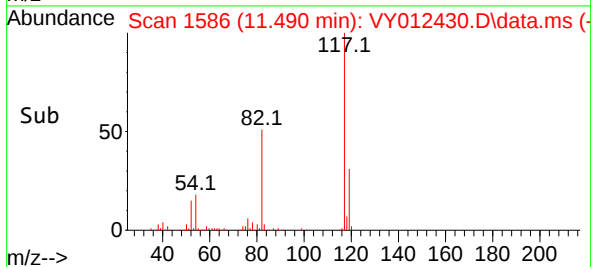
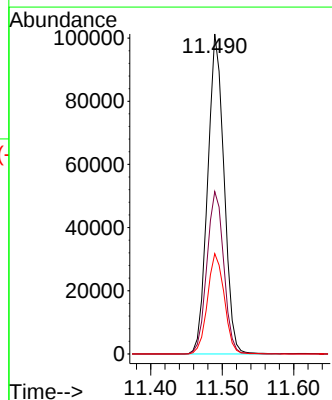
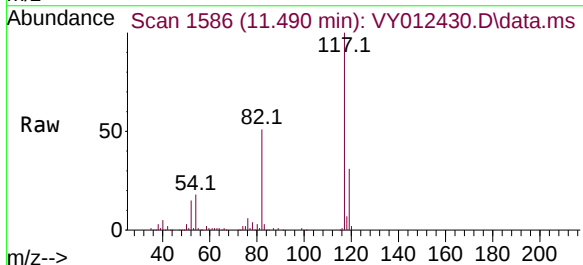
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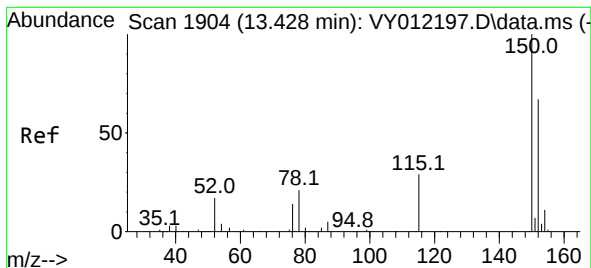
Tgt Ion: 95 Resp: 65326
Ion Ratio Lower Upper
95 100
174 94.9 0.0 172.0
176 91.1 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012430.D
Acq: 31 Jan 2023 19:06

Tgt Ion: 117 Resp: 161055
Ion Ratio Lower Upper
117 100
82 50.8 44.8 67.2
119 31.4 25.4 38.2

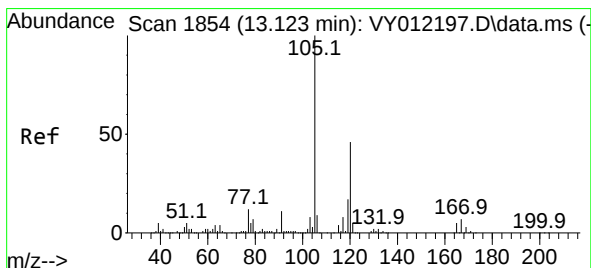
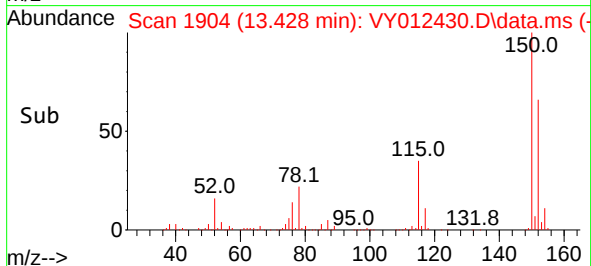
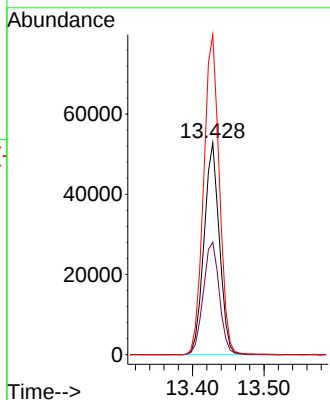
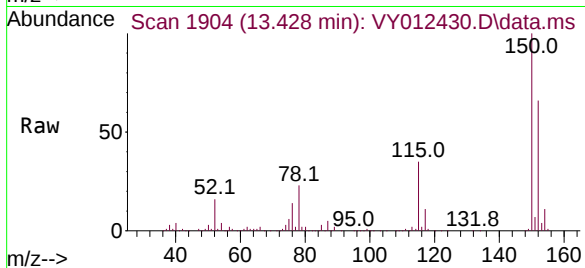




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY012430.D
 Acq: 31 Jan 2023 19:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-3-13123-A

Tgt Ion:152 Resp: 78725
 Ion Ratio Lower Upper
 152 100
 115 55.7 29.1 87.3
 150 154.5 0.0 342.6



#84
 1,2,4-Trimethylbenzene
 Concen: 2.578 ug/l
 RT: 13.123 min Scan# 1854
 Delta R.T. 0.006 min
 Lab File: VY012430.D
 Acq: 31 Jan 2023 19:06

Tgt Ion:105 Resp: 12547
 Ion Ratio Lower Upper
 105 100
 120 47.8 22.9 68.7

