

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042623\
 Data File : VY013480.D
 Acq On : 26 Apr 2023 17:50
 Operator : KP/MD
 Sample : 02448-01
 Misc : 3.86g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20230283-23-1

Quant Time: Apr 27 01:36:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

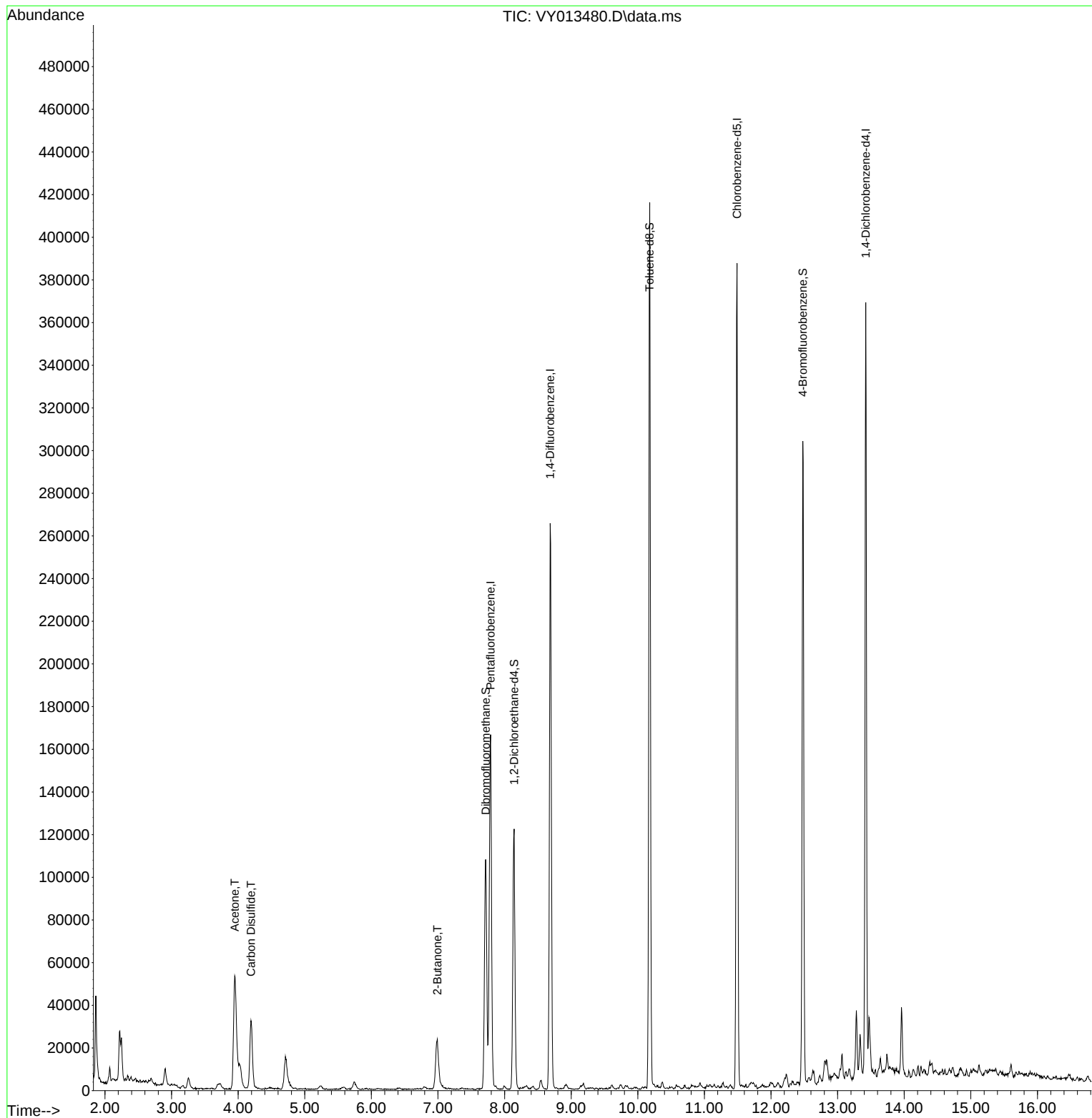
Internal Standards						
1) Pentafluorobenzene	7.789	168	122997	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	211706	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	196042	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	85122	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	91864	68.132	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 136.260%	
35) Dibromofluoromethane	7.716	113	74113	55.660	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.320%	
50) Toluene-d8	10.179	98	258600	54.594	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.180%	
62) 4-Bromofluorobenzene	12.477	95	84304	52.792	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.580%	
Target Compounds						
						Qvalue
16) Acetone	3.948	43	117249	220.816	ug/l	96
17) Carbon Disulfide	4.192	76	63713	15.344	ug/l	97
25) 2-Butanone	6.990	43	34669	51.483	ug/l	94

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

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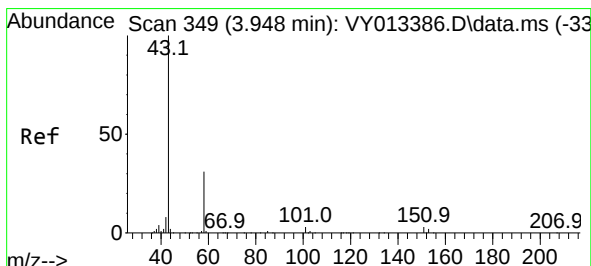
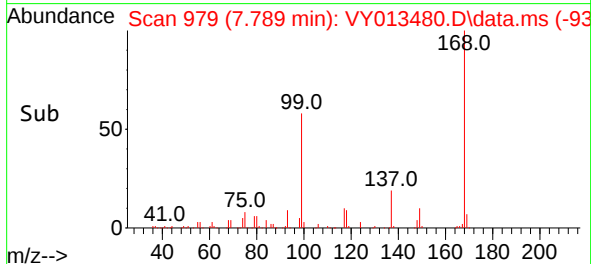
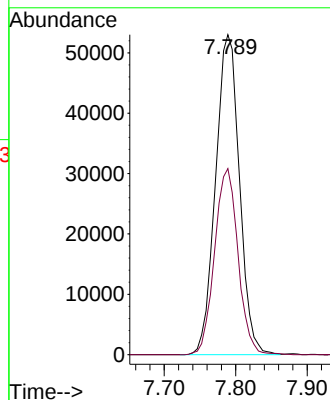
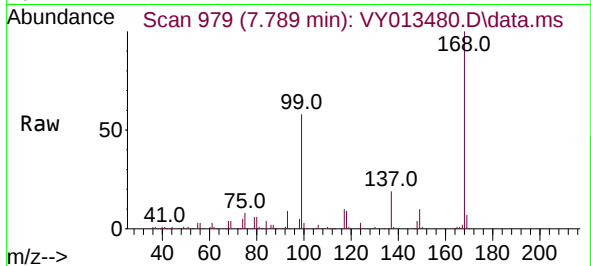




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013480.D
Acq: 26 Apr 2023 17:50

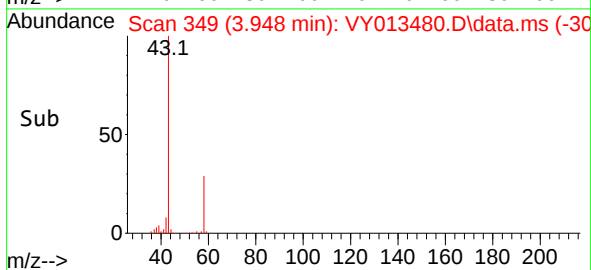
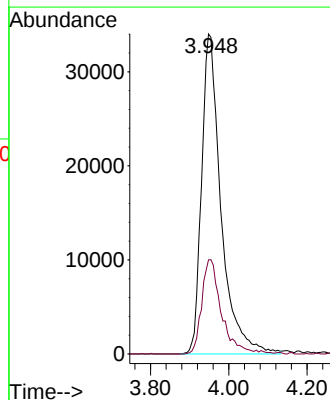
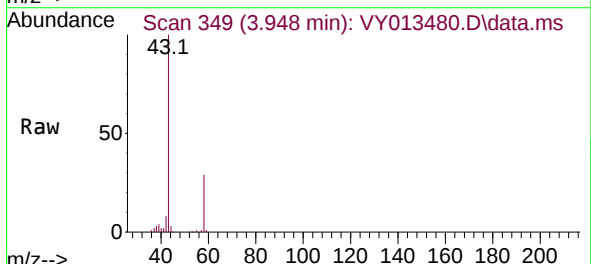
Instrument :
MSVOA_Y
ClientSampleId :
20230283-23-1

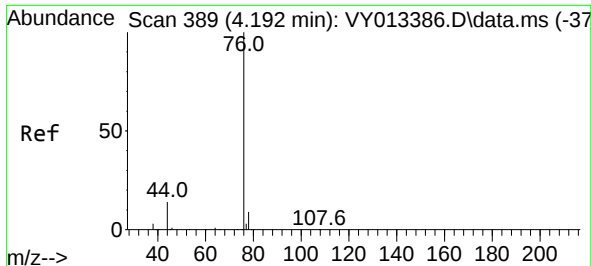
Tgt Ion:168 Resp: 122997
Ion Ratio Lower Upper
168 100
99 58.1 41.8 62.6



#16
Acetone
Concen: 220.816 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY013480.D
Acq: 26 Apr 2023 17:50

Tgt Ion: 43 Resp: 117249
Ion Ratio Lower Upper
43 100
58 29.4 25.4 38.0

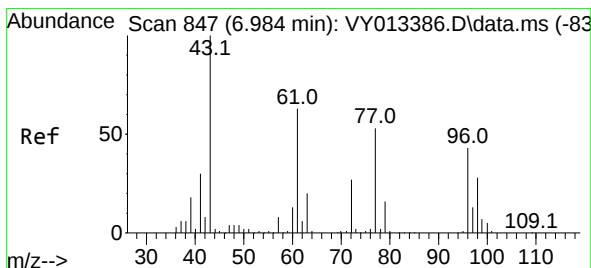
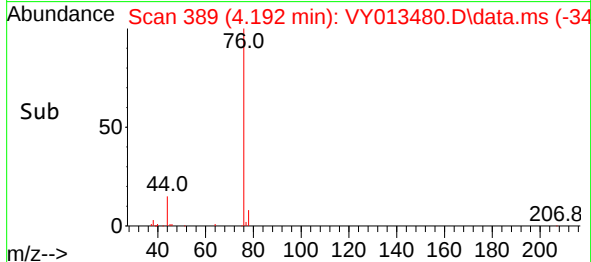
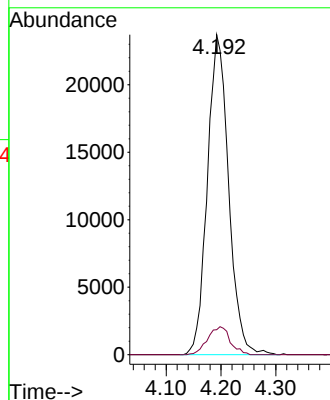
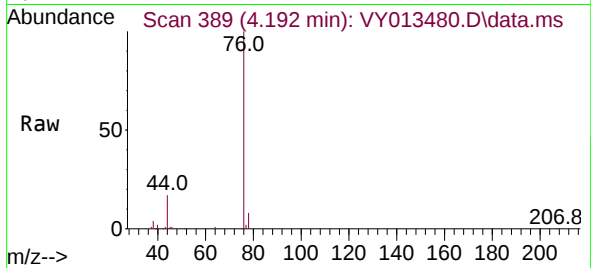




#17
Carbon Disulfide
Concen: 15.344 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY013480.D
Acq: 26 Apr 2023 17:50

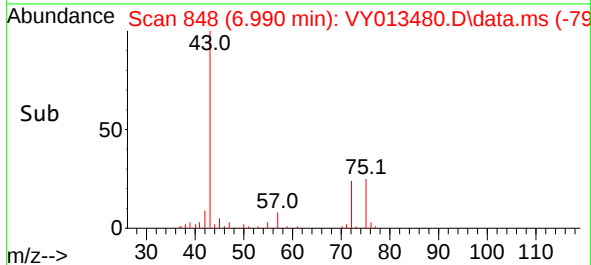
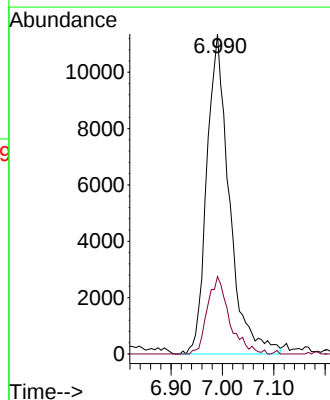
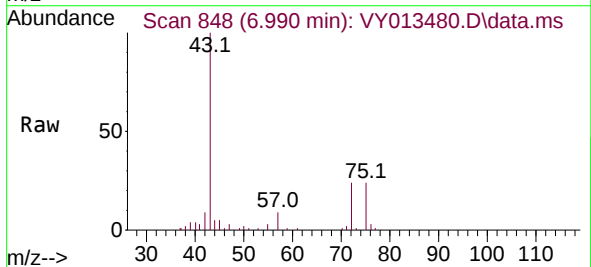
Instrument :
MSVOA_Y
ClientSampleId :
20230283-23-1

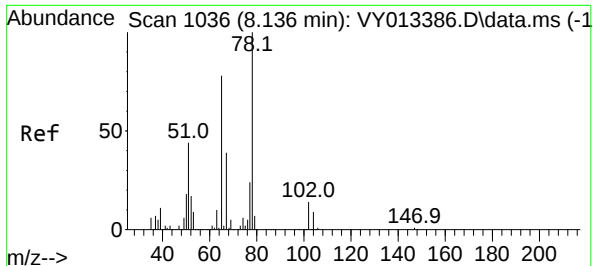
Tgt Ion: 76 Resp: 63713
Ion Ratio Lower Upper
76 100
78 7.8 7.2 10.8



#25
2-Butanone
Concen: 51.483 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY013480.D
Acq: 26 Apr 2023 17:50

Tgt Ion: 43 Resp: 34669
Ion Ratio Lower Upper
43 100
72 24.2 21.9 32.9

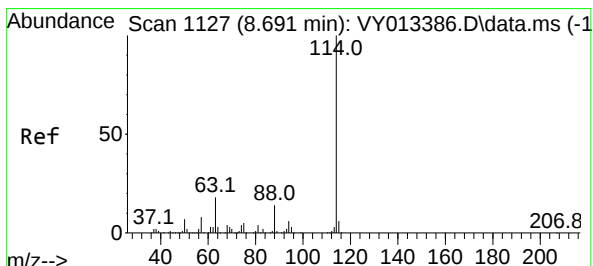
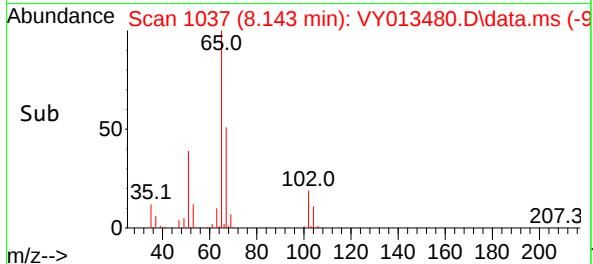
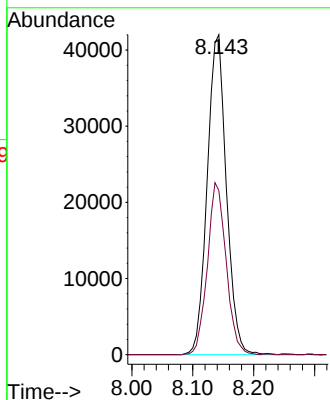
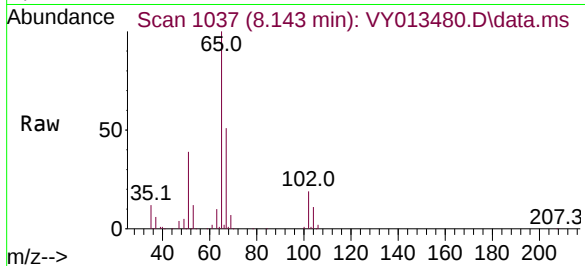




#33
 1,2-Dichloroethane-d4
 Concen: 68.132 ug/l
 RT: 8.143 min Scan# 1036
 Delta R.T. 0.007 min
 Lab File: VY013480.D
 Acq: 26 Apr 2023 17:50

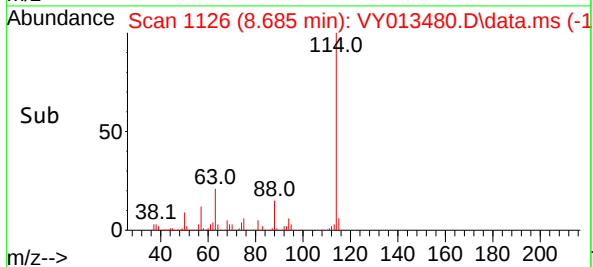
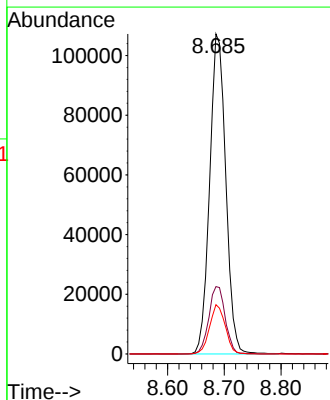
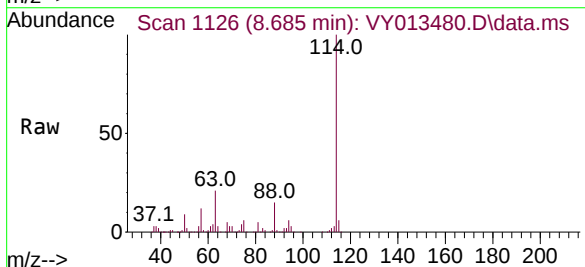
Instrument :
 MSVOA_Y
 ClientSampleId :
 20230283-23-1

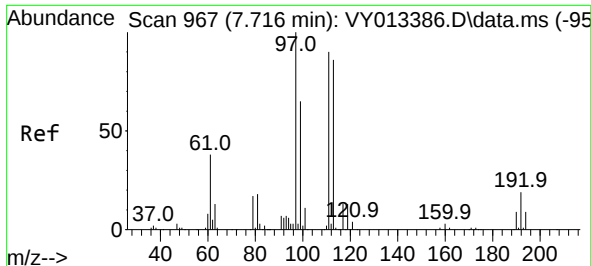
Tgt Ion: 65 Resp: 91864
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY013480.D
 Acq: 26 Apr 2023 17:50

Tgt Ion: 114 Resp: 211706
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 36.6
 88 15.4 0.0 28.8

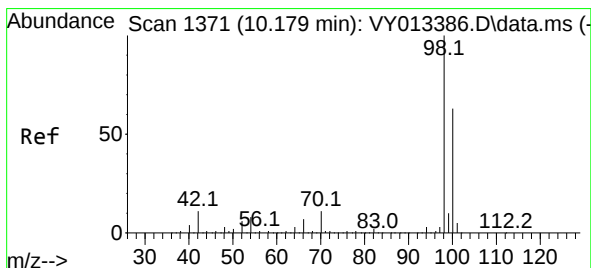
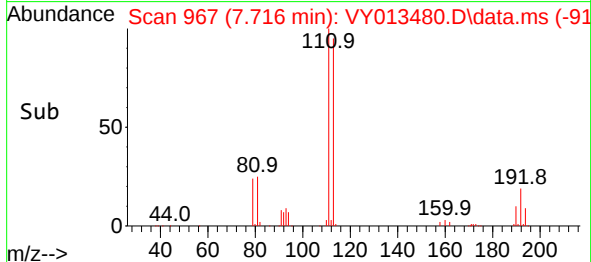
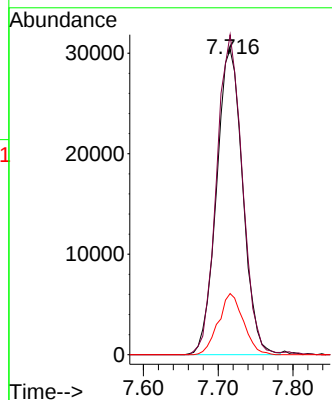
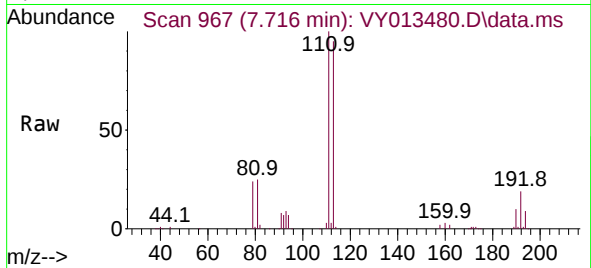




#35
Dibromofluoromethane
Concen: 55.660 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013480.D
Acq: 26 Apr 2023 17:50

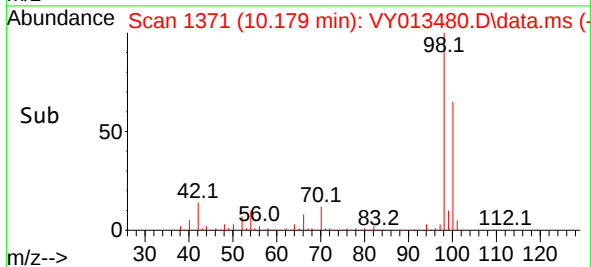
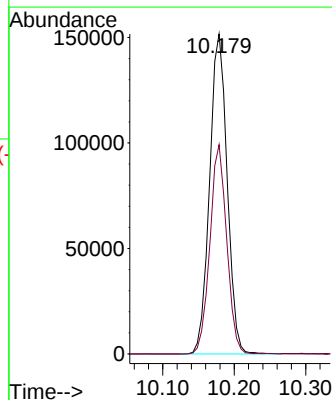
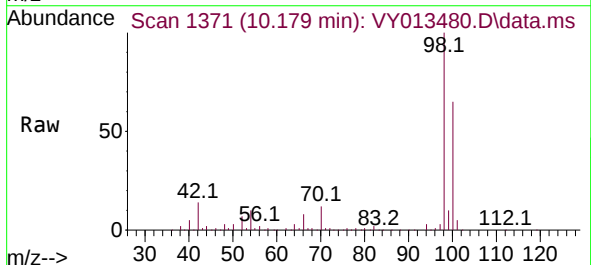
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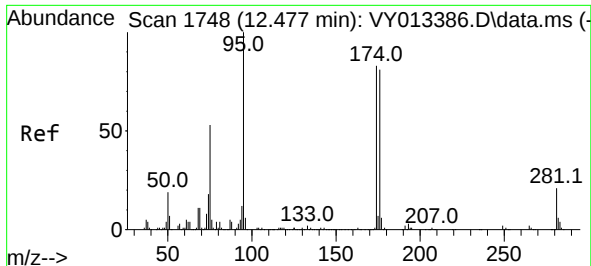
Tgt Ion:113 Resp: 74113
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 19.1 16.7 25.1



#50
Toluene-d8
Concen: 54.594 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013480.D
Acq: 26 Apr 2023 17:50

Tgt Ion: 98 Resp: 258600
Ion Ratio Lower Upper
98 100
100 62.7 50.5 75.7

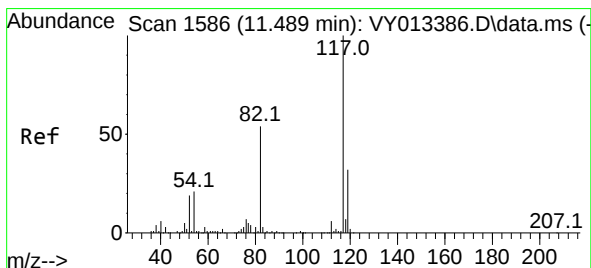
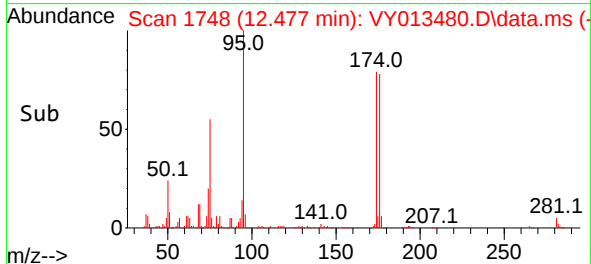
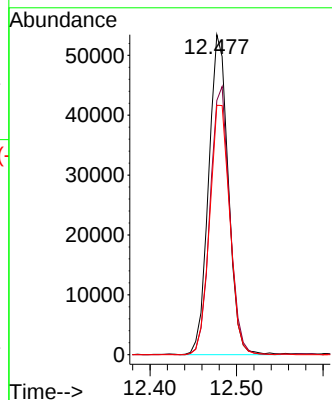
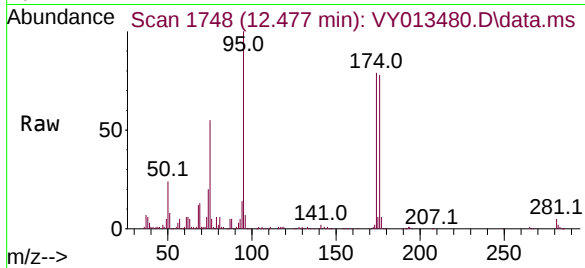




#62
4-Bromofluorobenzene
Concen: 52.792 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013480.D
Acq: 26 Apr 2023 17:50

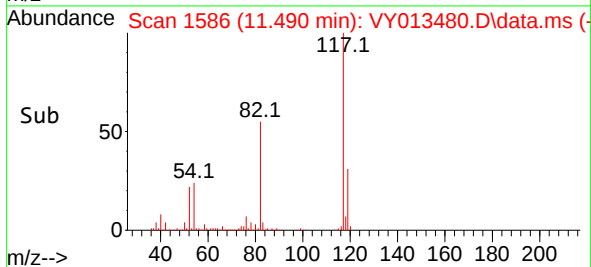
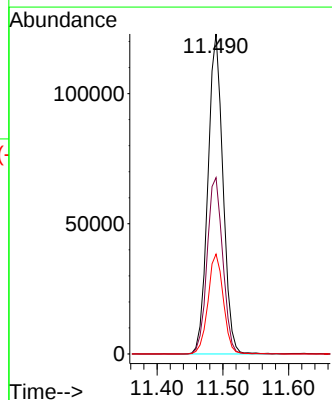
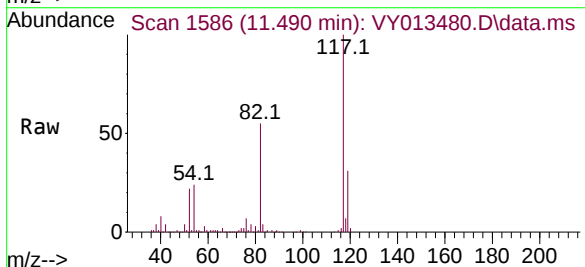
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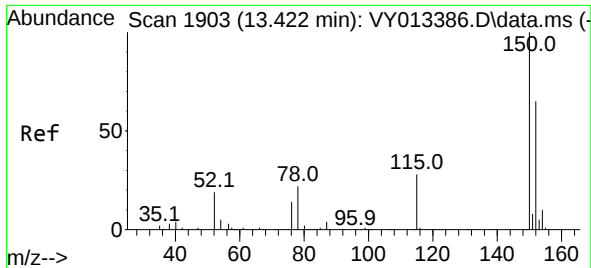
Tgt Ion: 95 Resp: 84304
Ion Ratio Lower Upper
95 100
174 83.3 0.0 182.0
176 79.7 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY013480.D
Acq: 26 Apr 2023 17:50

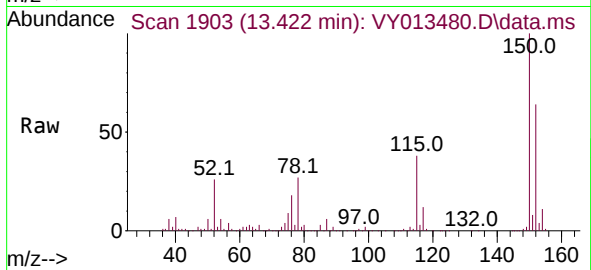
Tgt Ion: 117 Resp: 196042
Ion Ratio Lower Upper
117 100
82 55.1 43.0 64.6
119 31.2 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY013480.D
 Acq: 26 Apr 2023 17:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 20230283-23-1



Tgt Ion:152 Resp: 85122
 Ion Ratio Lower Upper
 152 100
 115 58.4 28.1 84.2
 150 154.5 0.0 352.0

