

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042423\
 Data File : VY013421.D
 Acq On : 25 Apr 2023 02:17
 Operator : KP/MD
 Sample : 02427-02
 Misc : 3.95g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20230287-24-1

Quant Time: Apr 25 07:14:04 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)

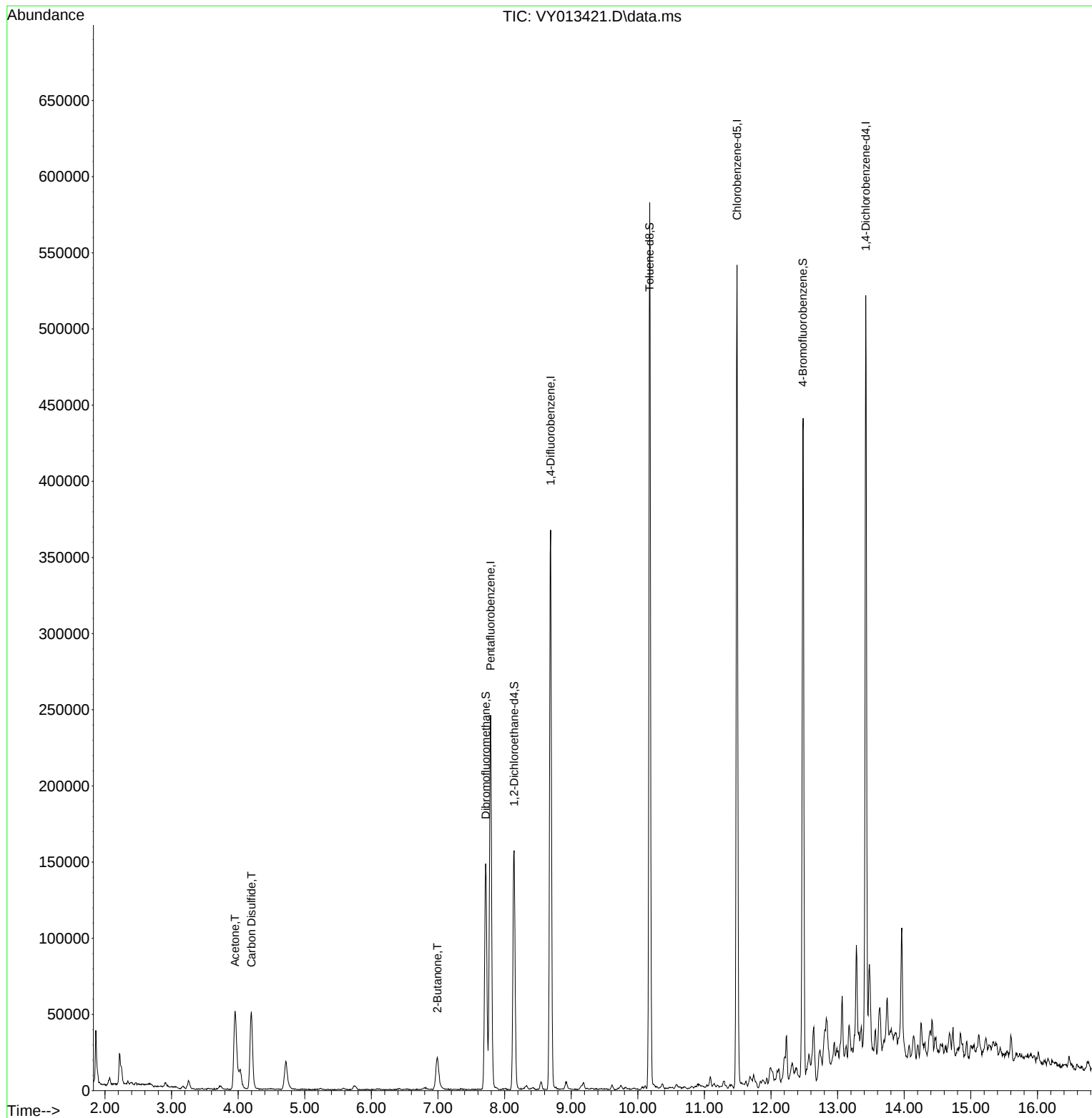
Internal Standards						
1) Pentafluorobenzene	7.789	168	187691	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	311963	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	277459	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	126020	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	123774	60.157	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.320%	
35) Dibromofluoromethane	7.716	113	104463	53.240	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.480%	
50) Toluene-d8	10.179	98	370745	53.115	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.240%	
62) 4-Bromofluorobenzene	12.477	95	121633	51.690	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.380%	
Target Compounds						
						Qvalue
16) Acetone	3.954	43	111108	137.125	ug/l	94
17) Carbon Disulfide	4.198	76	104282	16.458	ug/l	98
25) 2-Butanone	6.990	43	31239	30.400	ug/l	90

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

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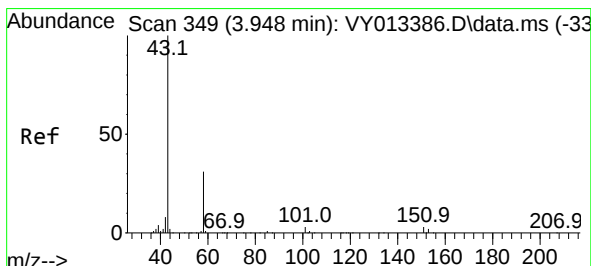
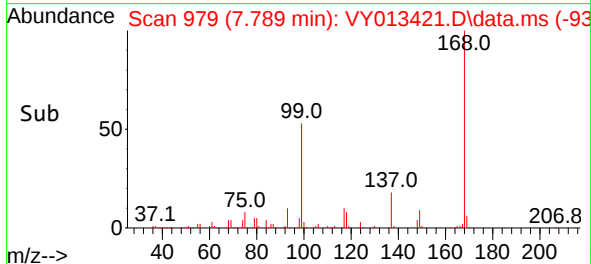
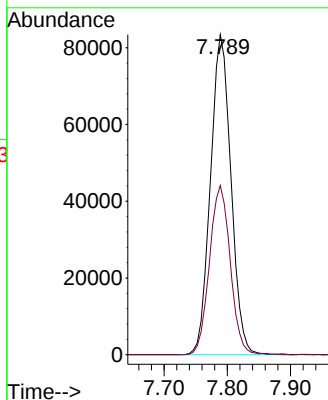
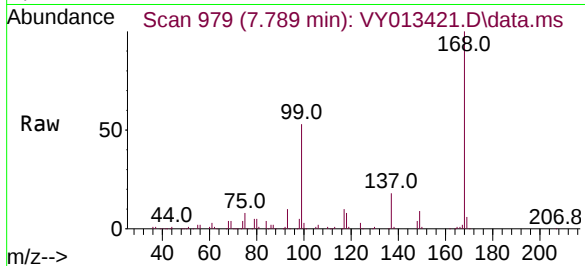




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013421.D
Acq: 25 Apr 2023 02:17

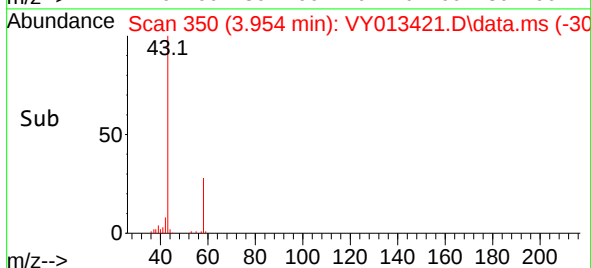
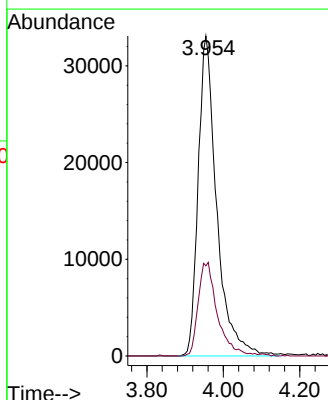
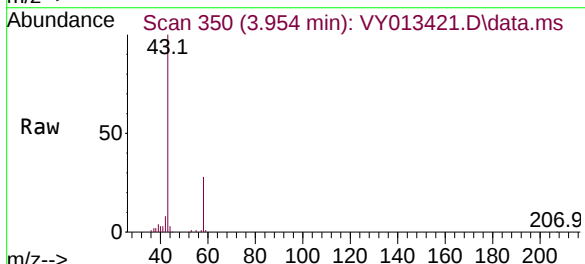
Instrument :
MSVOA_Y
ClientSampleId :
20230287-24-1

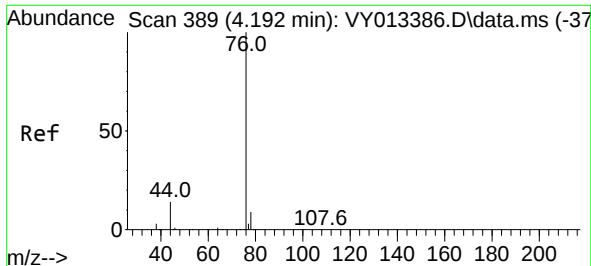
Tgt Ion:168 Resp: 187691
Ion Ratio Lower Upper
168 100
99 52.9 41.8 62.6



#16
Acetone
Concen: 137.125 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013421.D
Acq: 25 Apr 2023 02:17

Tgt Ion: 43 Resp: 111108
Ion Ratio Lower Upper
43 100
58 28.2 25.4 38.0

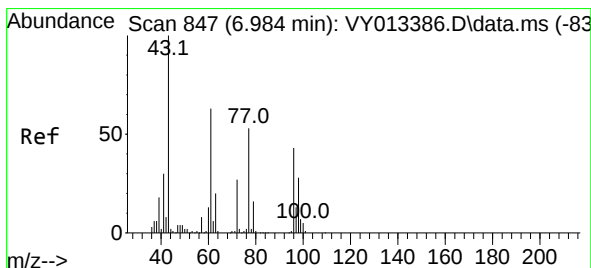
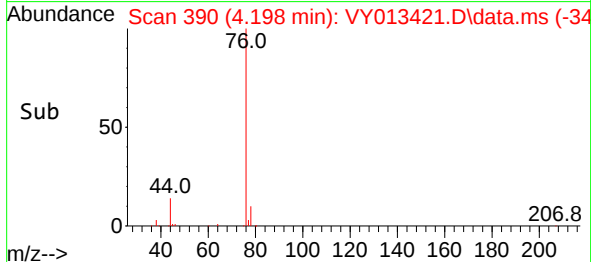
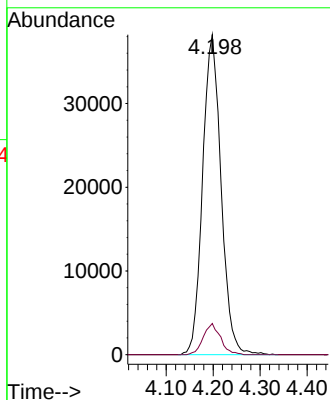
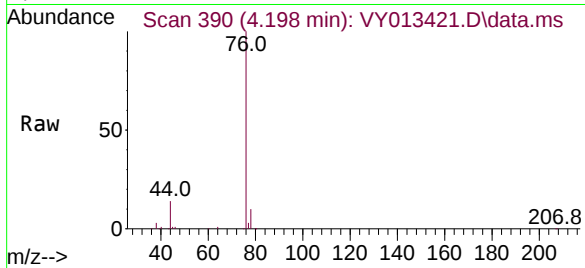




#17
Carbon Disulfide
Concen: 16.458 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY013421.D
Acq: 25 Apr 2023 02:17

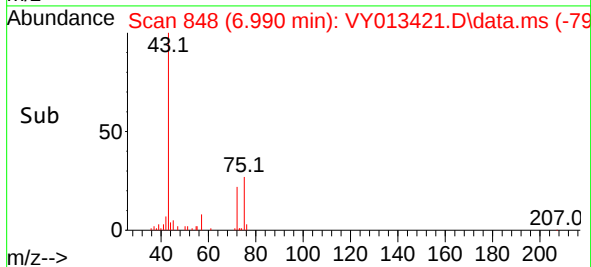
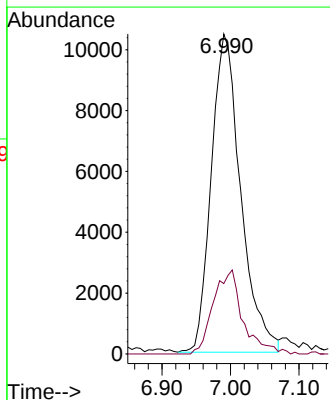
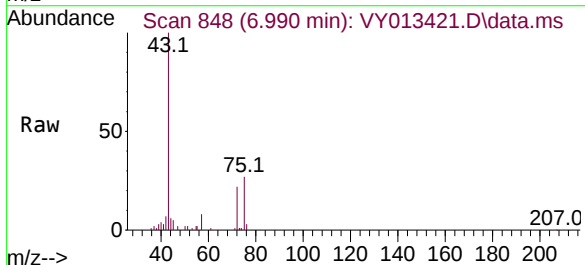
Instrument :
MSVOA_Y
ClientSampleId :
20230287-24-1

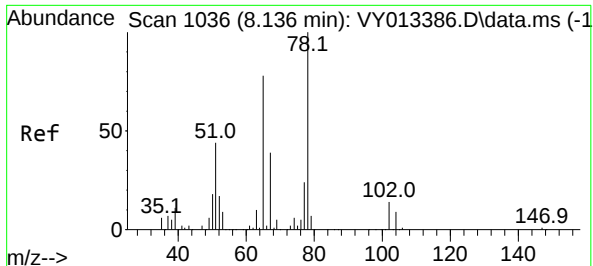
Tgt Ion: 76 Resp: 104282
Ion Ratio Lower Upper
76 100
78 9.8 7.2 10.8



#25
2-Butanone
Concen: 30.400 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY013421.D
Acq: 25 Apr 2023 02:17

Tgt Ion: 43 Resp: 31239
Ion Ratio Lower Upper
43 100
72 22.1 21.9 32.9





#33

1,2-Dichloroethane-d4

Concen: 60.157 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.007 min

Lab File: VY013421.D

Acq: 25 Apr 2023 02:17

Instrument :

MSVOA_Y

ClientSampleId :

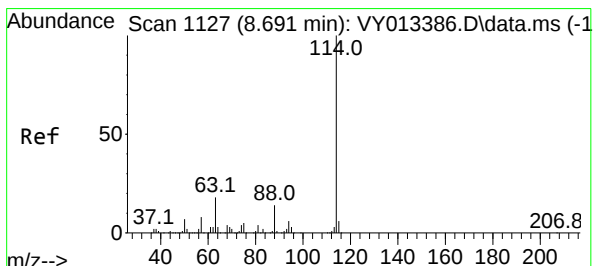
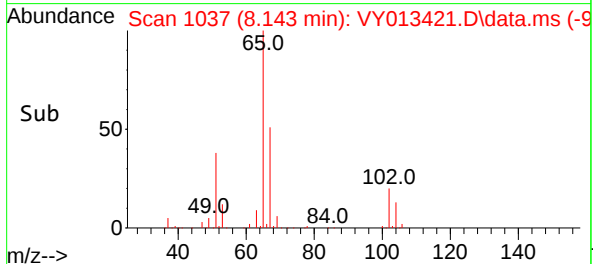
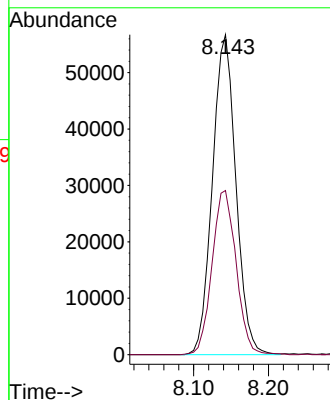
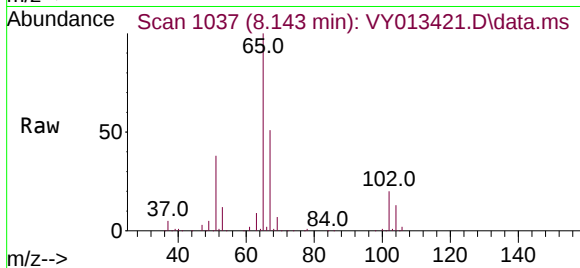
20230287-24-1

Tgt Ion: 65 Resp: 123774

Ion Ratio Lower Upper

65 100

67 52.7 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013421.D

Acq: 25 Apr 2023 02:17

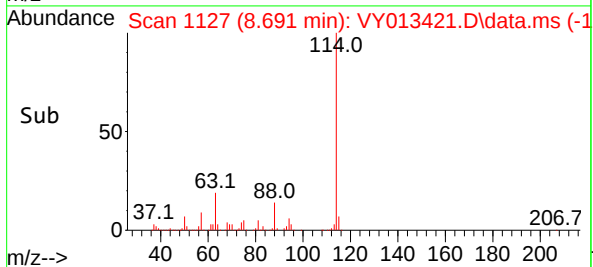
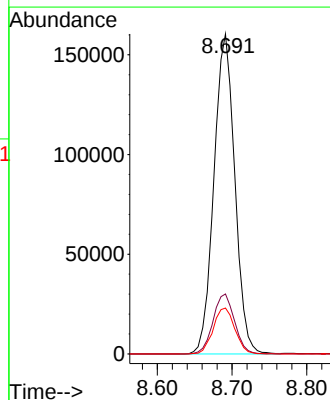
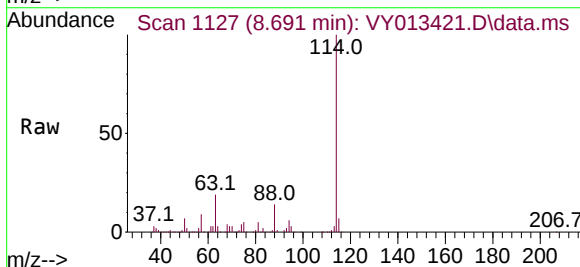
Tgt Ion: 114 Resp: 311963

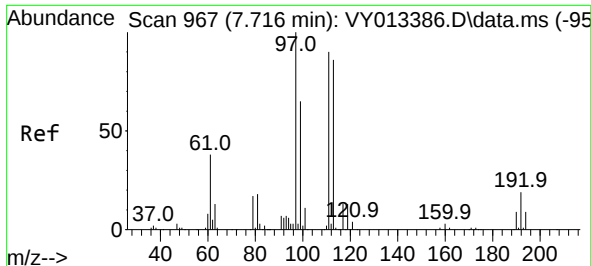
Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.6

88 14.3 0.0 28.8

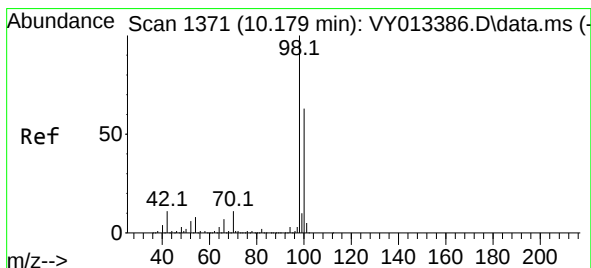
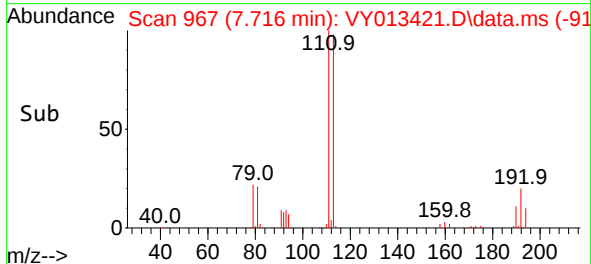
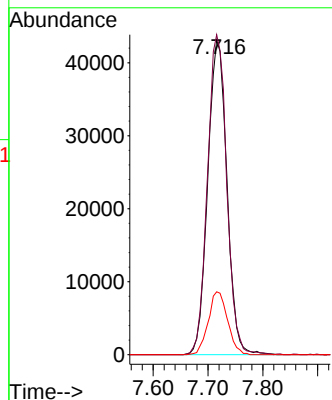
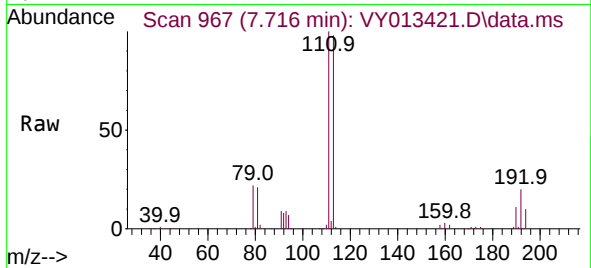




#35
Dibromofluoromethane
Concen: 53.240 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013421.D
Acq: 25 Apr 2023 02:17

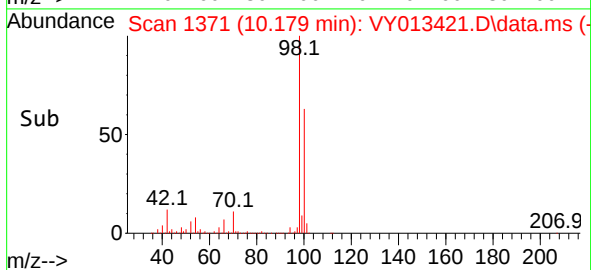
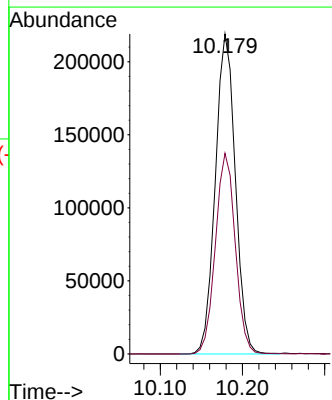
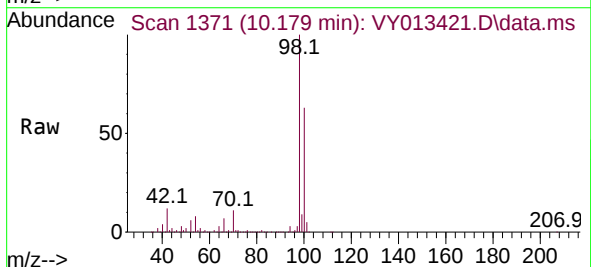
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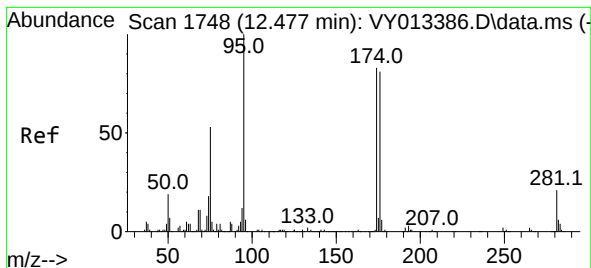
Tgt Ion:113 Resp: 104463
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 20.1 16.7 25.1



#50
Toluene-d8
Concen: 53.115 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013421.D
Acq: 25 Apr 2023 02:17

Tgt Ion: 98 Resp: 370745
Ion Ratio Lower Upper
98 100
100 62.2 50.5 75.7

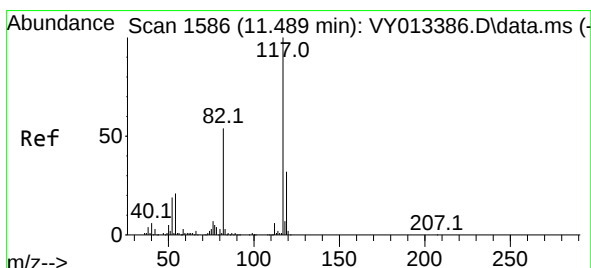
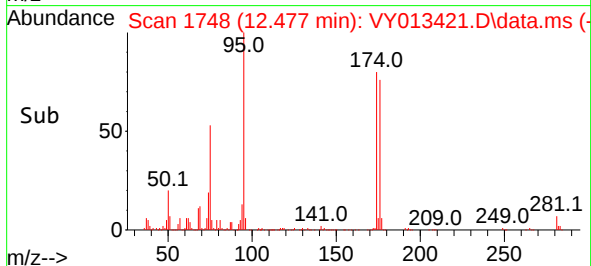
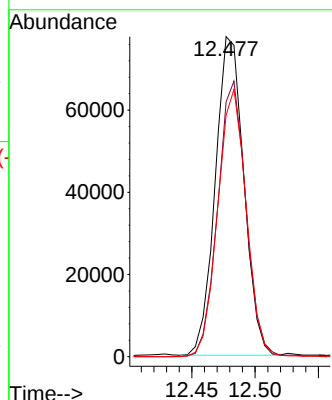
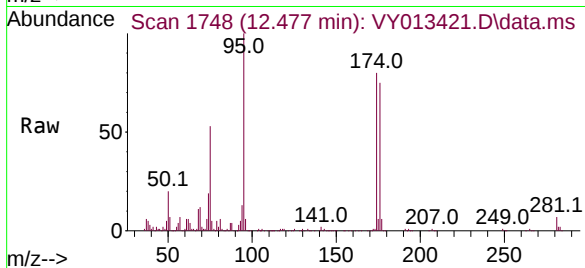




#62
4-Bromofluorobenzene
Concen: 51.690 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013421.D
Acq: 25 Apr 2023 02:17

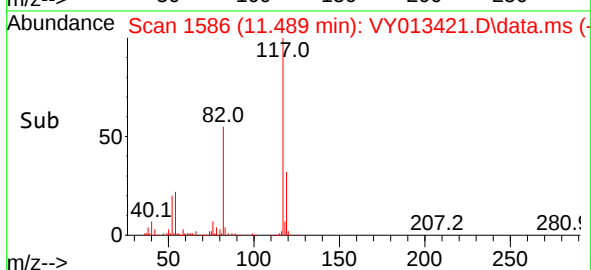
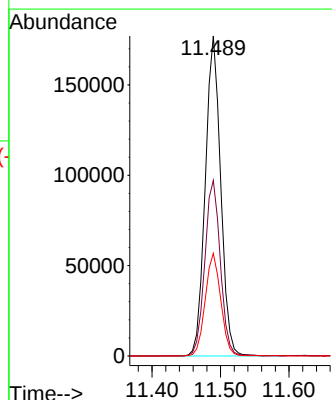
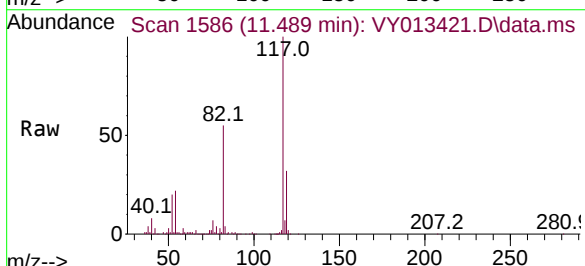
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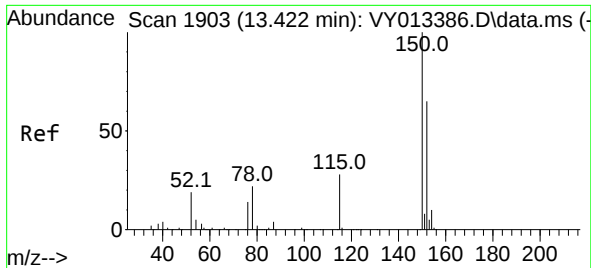
Tgt Ion: 95 Resp: 121633
Ion Ratio Lower Upper
95 100
174 85.5 0.0 182.0
176 83.6 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013421.D
Acq: 25 Apr 2023 02:17

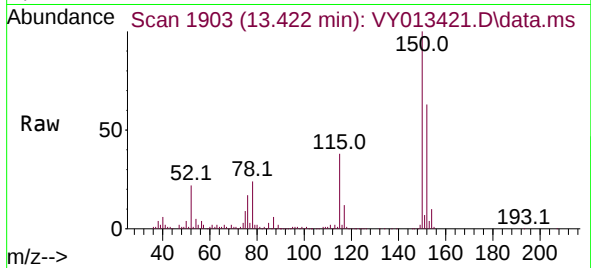
Tgt Ion: 117 Resp: 277459
Ion Ratio Lower Upper
117 100
82 54.8 43.0 64.6
119 32.1 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY013421.D
 Acq: 25 Apr 2023 02:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 20230287-24-1



Tgt Ion:152 Resp: 126020
 Ion Ratio Lower Upper
 152 100
 115 57.7 28.1 84.2
 150 158.9 0.0 352.0

