

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012323\
 Data File : VY012311.D
 Acq On : 23 Jan 2023 14:14
 Operator : KP/MD
 Sample : 01232-04
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P-18A

Quant Time: Jan 23 15:16:12 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)

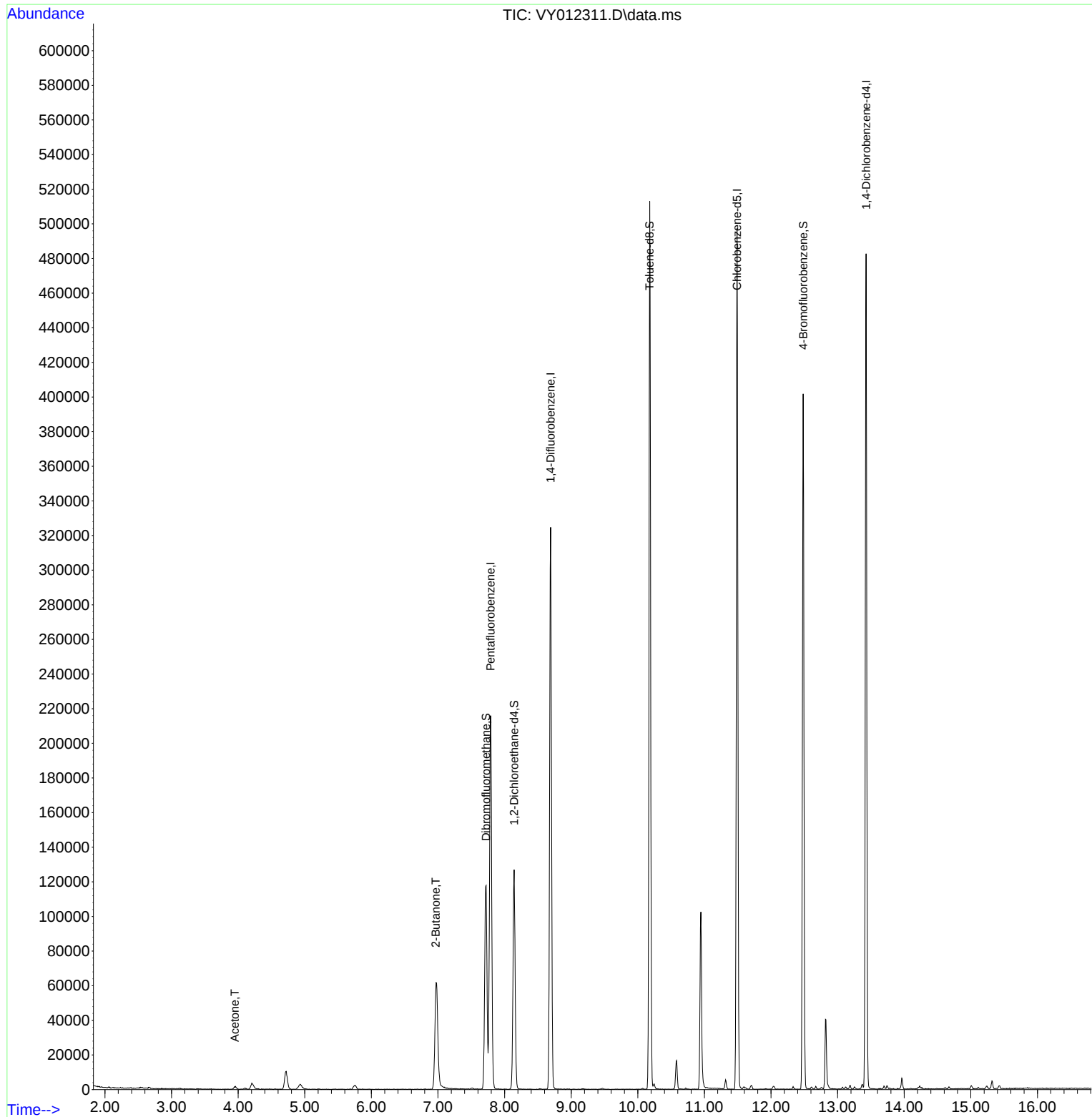
Internal Standards						
1) Pentafluorobenzene	7.789	168	170252	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	283949	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	275020	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	125590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	103789	75.557	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 151.120%	
35) Dibromofluoromethane	7.722	113	83042	55.232	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.460%	
50) Toluene-d8	10.179	98	334138	65.483	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 130.960%	
62) 4-Bromofluorobenzene	12.483	95	113735	53.662	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.320%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	2855	6.022	ug/l	96
25) 2-Butanone	6.966	43	3110	5.942	ug/l #	72

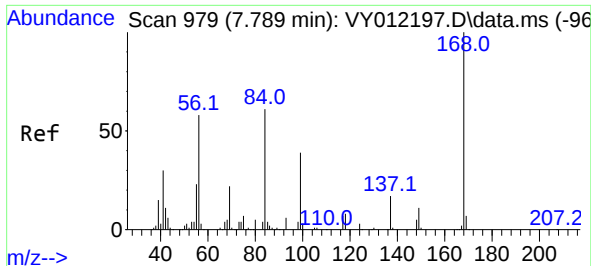
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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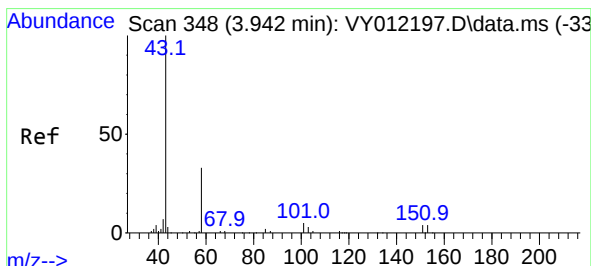
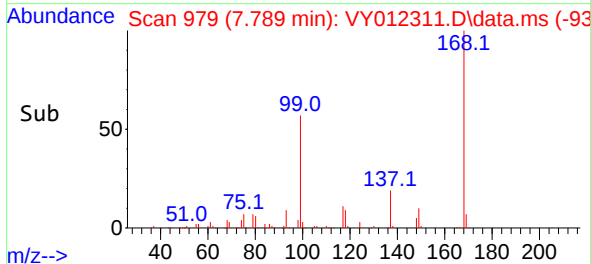
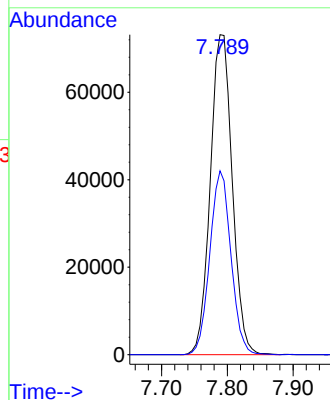
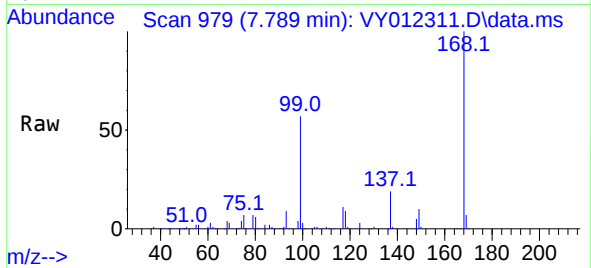




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012311.D
Acq: 23 Jan 2023 14:14

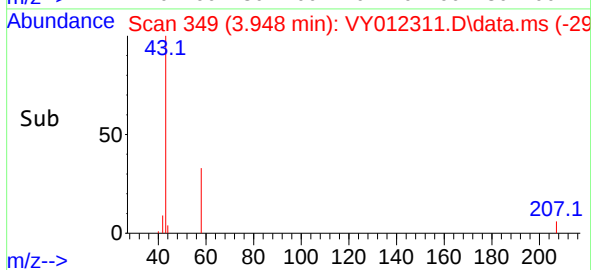
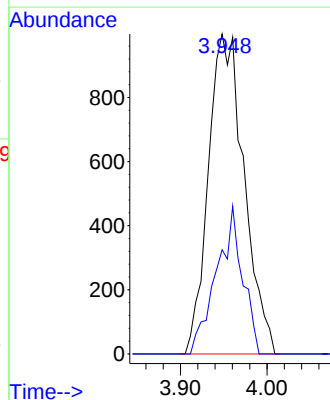
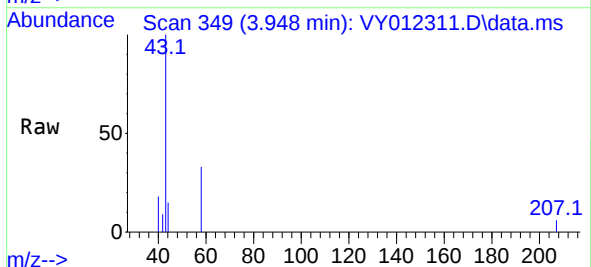
Instrument :
MSVOA_Y
ClientSampleId :
B-P-18A

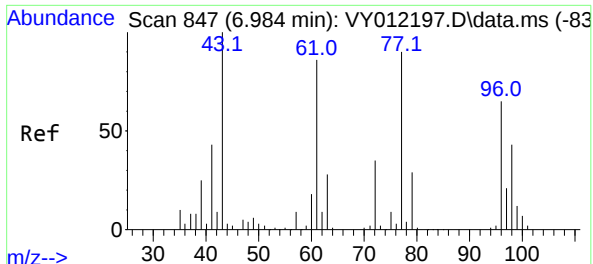
Tgt Ion:168 Resp: 170252
Ion Ratio Lower Upper
168 100
99 57.5 44.0 66.0



#16
Acetone
Concen: 6.022 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012311.D
Acq: 23 Jan 2023 14:14

Tgt Ion: 43 Resp: 2855
Ion Ratio Lower Upper
43 100
58 32.6 27.9 41.9

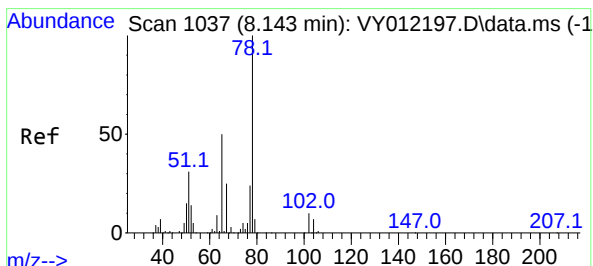
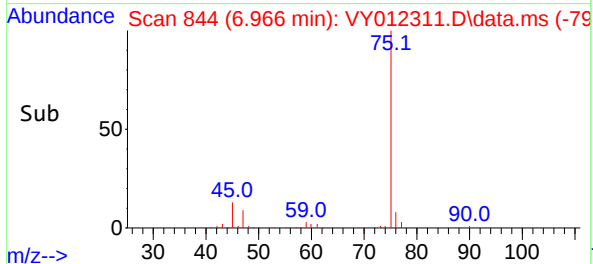
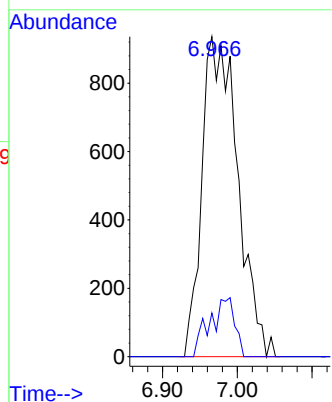
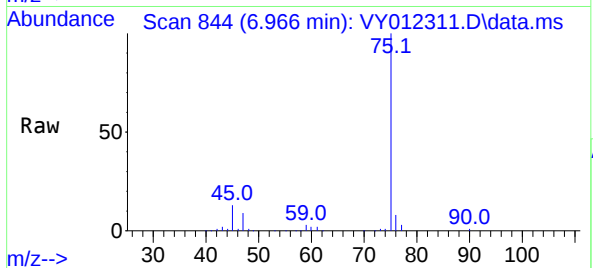




#25
2-Butanone
Concen: 5.942 ug/l
RT: 6.966 min Scan# 84
Delta R.T. -0.018 min
Lab File: VY012311.D
Acq: 23 Jan 2023 14:14

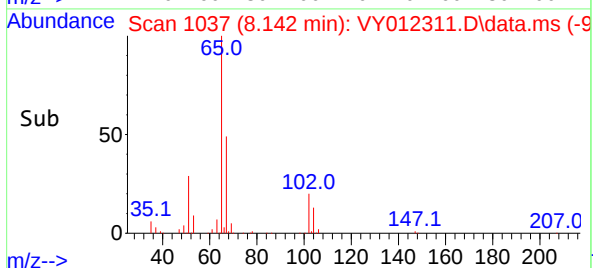
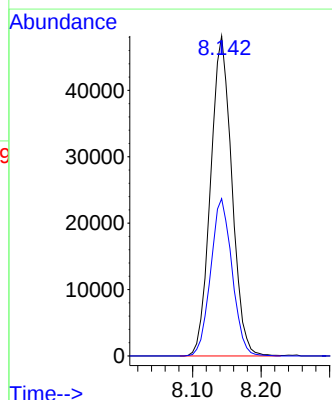
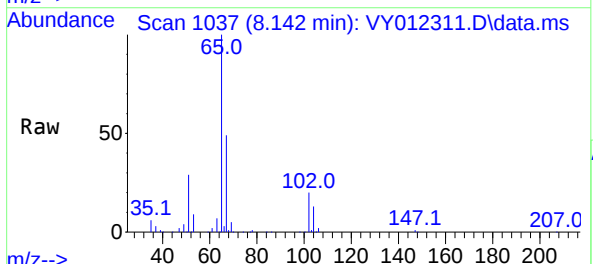
Instrument :
MSVOA_Y
ClientSampleId :
B-P-18A

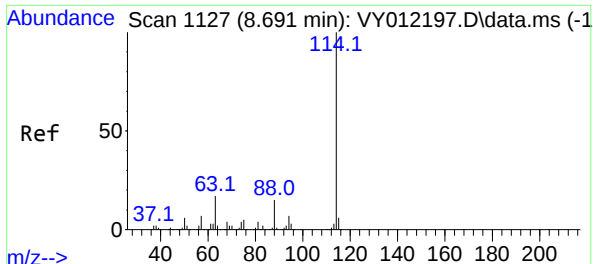
Tgt Ion: 43 Resp: 3110
Ion Ratio Lower Upper
43 100
72 13.7 22.6 34.0#



#33
1,2-Dichloroethane-d4
Concen: 75.557 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012311.D
Acq: 23 Jan 2023 14:14

Tgt Ion: 65 Resp: 103789
Ion Ratio Lower Upper
65 100
67 49.4 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: VY012311.D

Acq: 23 Jan 2023 14:14

Instrument :

MSVOA_Y

ClientSampleId :

B-P-18A

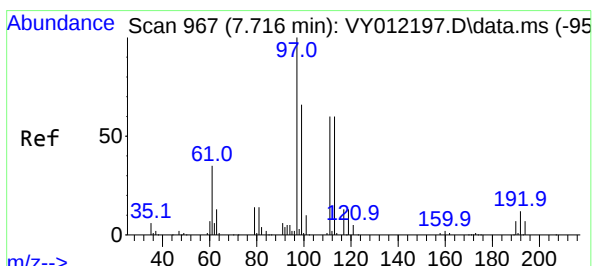
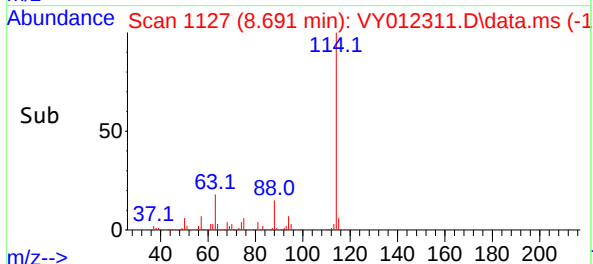
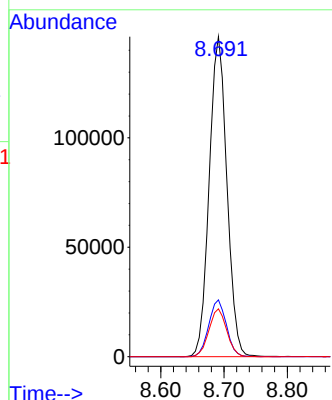
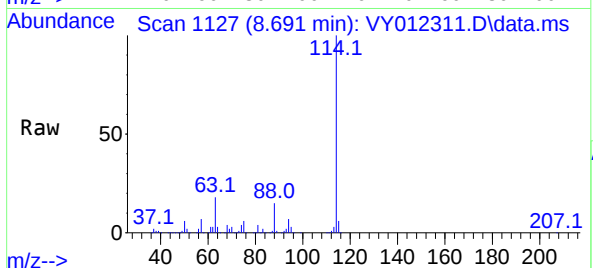
Tgt Ion:114 Resp: 283949

Ion Ratio Lower Upper

114 100

63 17.8 0.0 39.6

88 14.9 0.0 32.2



#35

Dibromofluoromethane

Concen: 55.232 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY012311.D

Acq: 23 Jan 2023 14:14

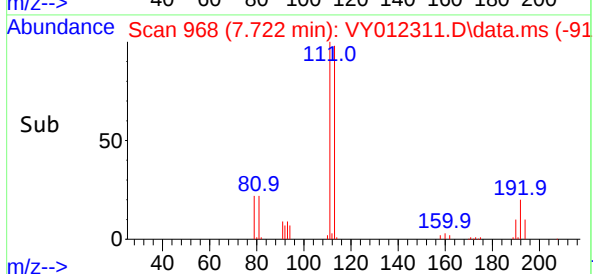
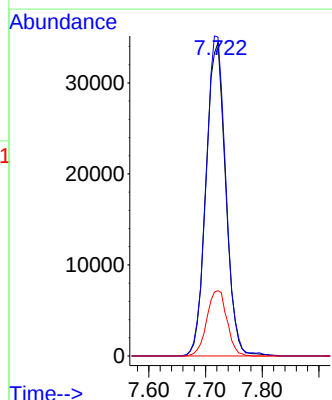
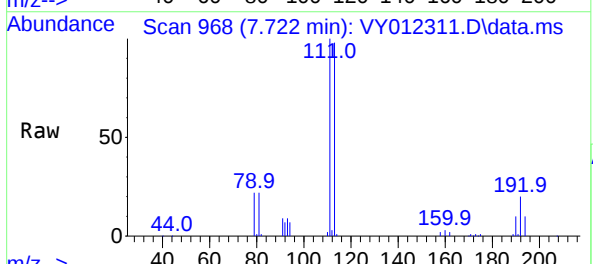
Tgt Ion:113 Resp: 83042

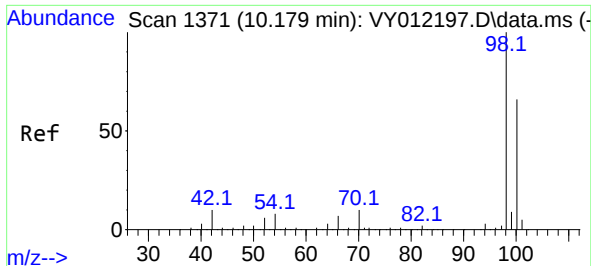
Ion Ratio Lower Upper

113 100

111 102.5 83.0 124.4

192 21.3 16.0 24.0

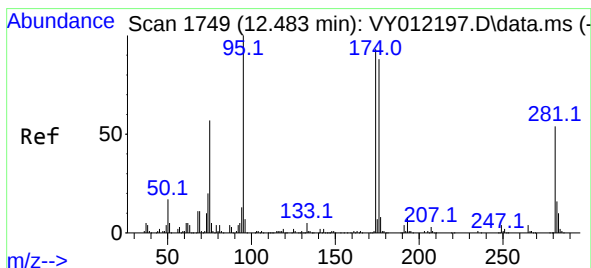
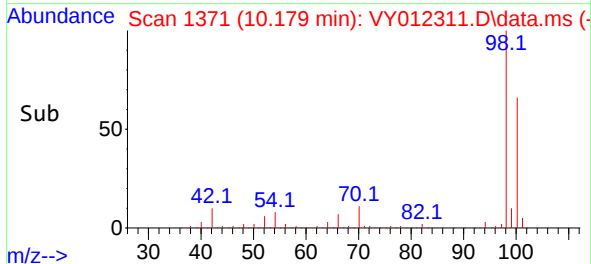
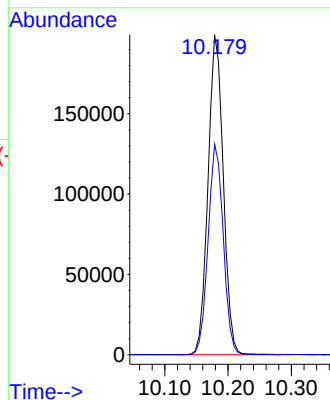
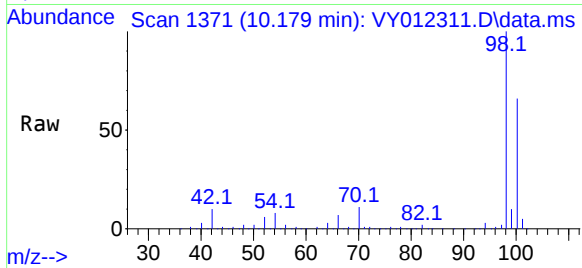




#50
Toluene-d8
Concen: 65.483 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012311.D
Acq: 23 Jan 2023 14:14

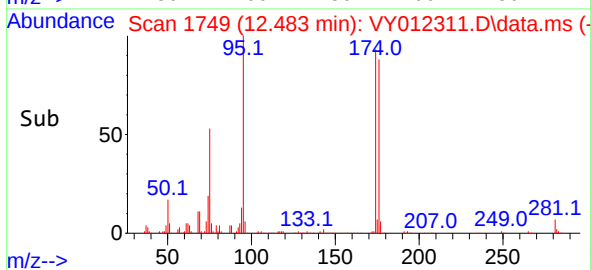
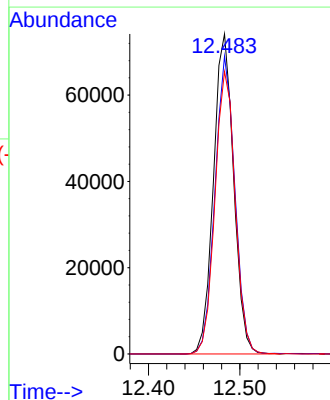
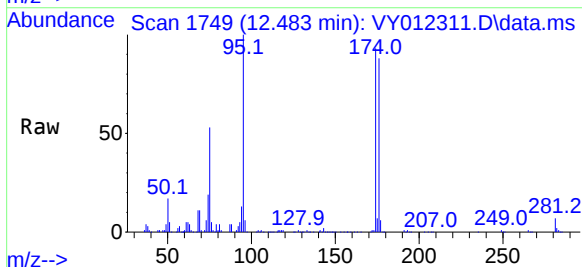
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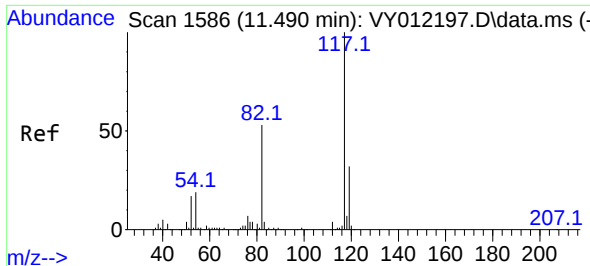
Tgt Ion: 98 Resp: 334138
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 53.662 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012311.D
Acq: 23 Jan 2023 14:14

Tgt Ion: 95 Resp: 113735
Ion Ratio Lower Upper
95 100
174 91.9 0.0 172.0
176 88.5 0.0 167.6

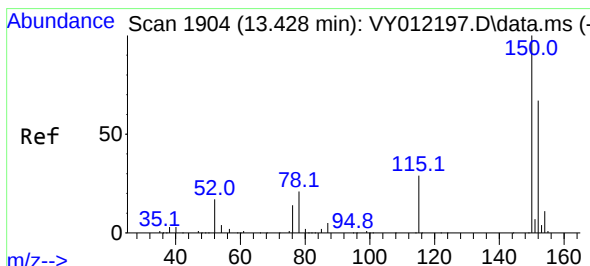
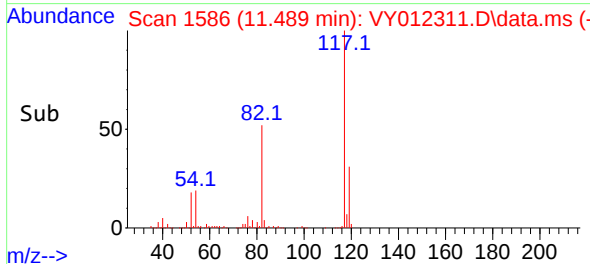
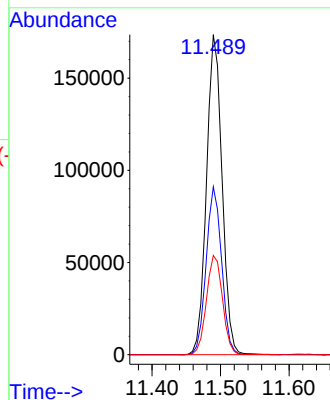
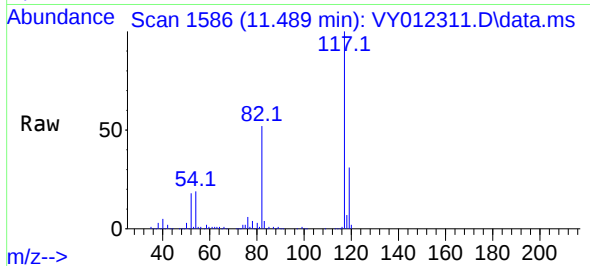




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY012311.D
Acq: 23 Jan 2023 14:14

Instrument :
MSVOA_Y
ClientSampleId :
B-P-18A

Tgt Ion:117 Resp: 275020
Ion Ratio Lower Upper
117 100
82 52.5 44.8 67.2
119 31.0 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: VY012311.D
Acq: 23 Jan 2023 14:14

Tgt Ion:152 Resp: 125590
Ion Ratio Lower Upper
152 100
115 58.5 29.1 87.3
150 159.1 0.0 342.6

