

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080323\
 Data File : VY014958.D
 Acq On : 03 Aug 2023 18:59
 Operator : SY/MD
 Sample : 03887-01
 Misc : 4.14g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MCLEAN-TP6

Quant Time: Aug 04 04:33:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

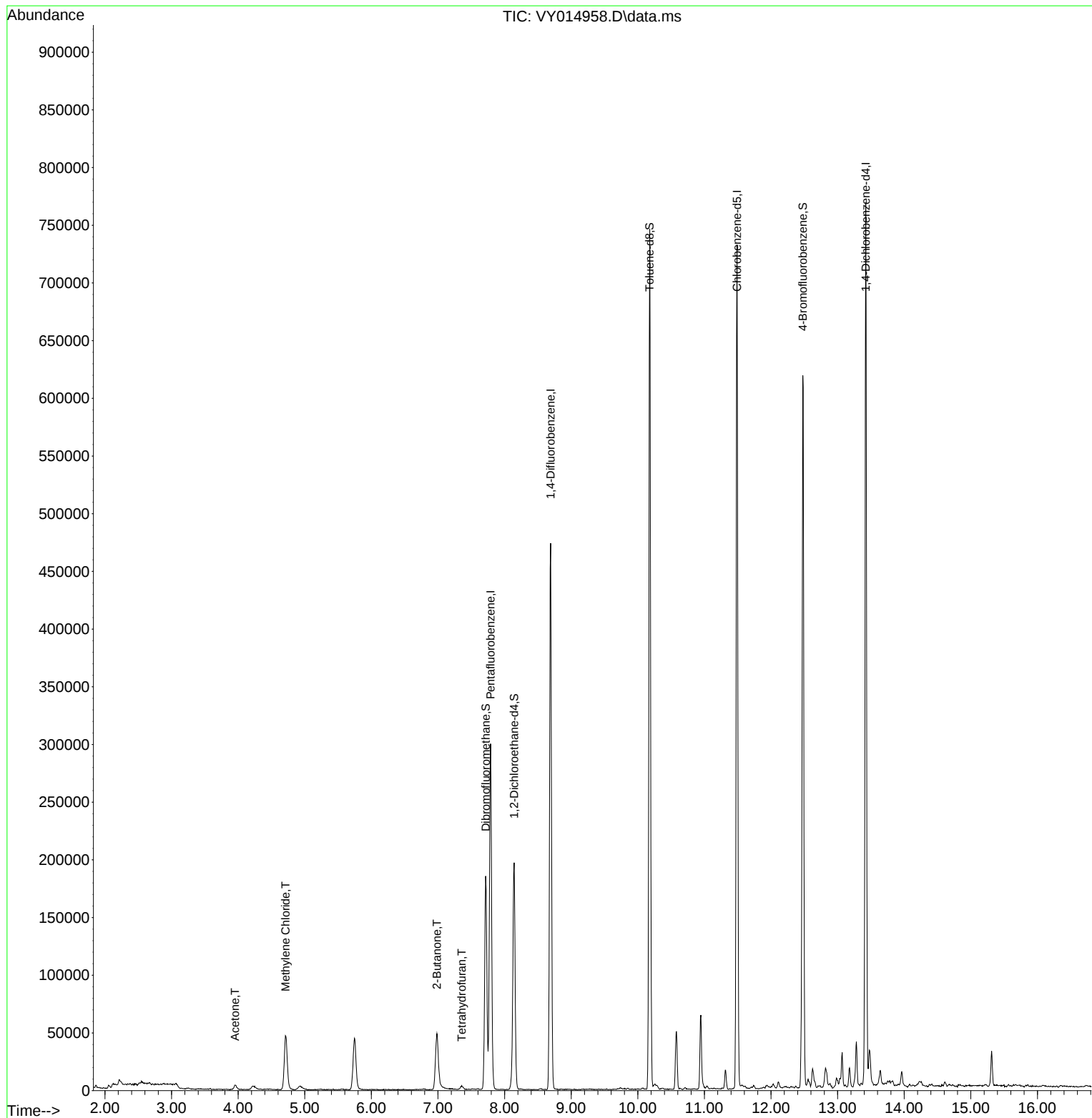
Internal Standards						
1) Pentafluorobenzene	7.789	168	230376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	408984	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	392647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	192039	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	150278	57.244	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.480%
35) Dibromofluoromethane	7.716	113	129192	49.623	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.240%
50) Toluene-d8	10.179	98	486225	50.656	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.320%
62) 4-Bromofluorobenzene	12.477	95	183555	49.873	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.740%
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	7056	8.482	ug/l	92
20) Methylene Chloride	4.710	84	36551	10.160	ug/l	87
25) 2-Butanone	6.984	43	11317	9.299	ug/l	99
29) Tetrahydrofuran	7.356	42	2265	3.022	ug/l #	89

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

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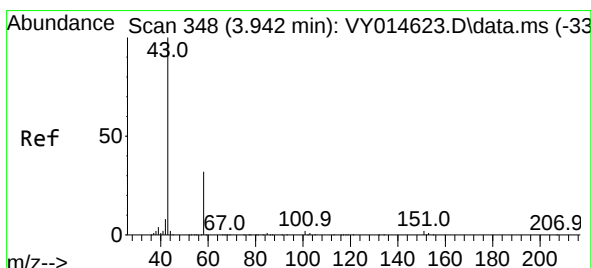
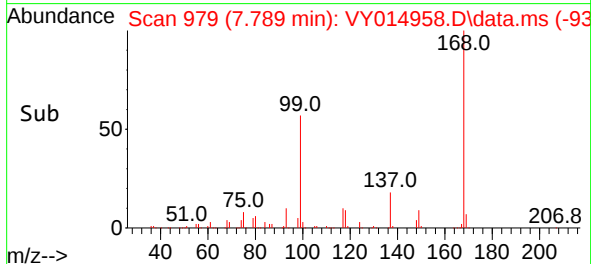
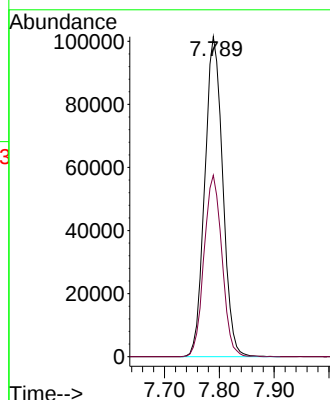
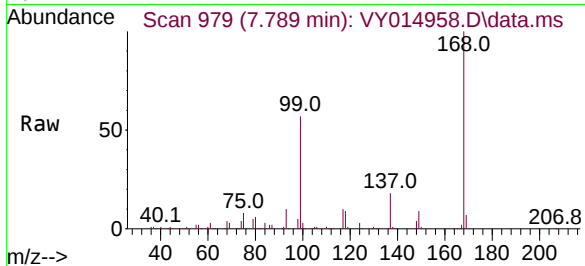




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014958.D
Acq: 03 Aug 2023 18:59

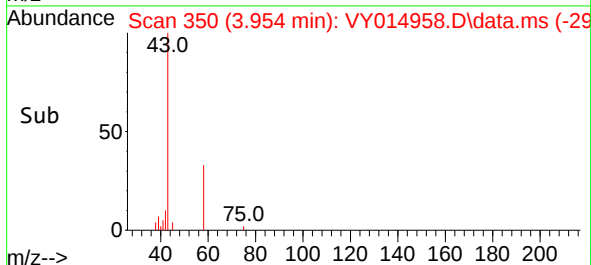
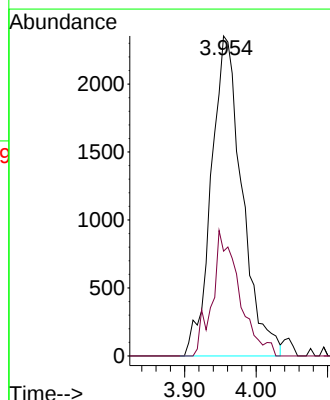
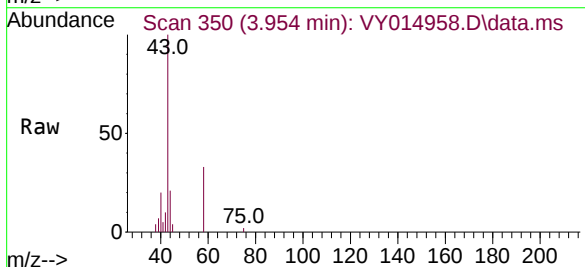
Instrument :
MSVOA_Y
ClientSampleId :
MCLEAN-TP6

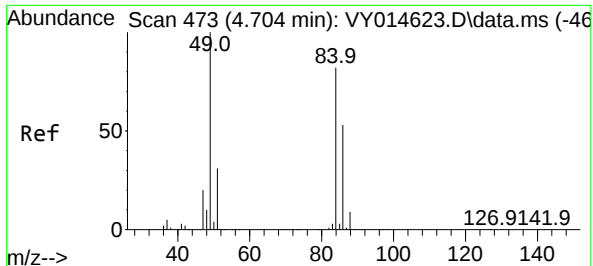
Tgt Ion:168 Resp: 230376
Ion Ratio Lower Upper
168 100
99 56.7 43.4 65.0



#16
Acetone
Concen: 8.482 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY014958.D
Acq: 03 Aug 2023 18:59

Tgt Ion: 43 Resp: 7056
Ion Ratio Lower Upper
43 100
58 32.8 22.7 34.1





#20

Methylene Chloride

Concen: 10.160 ug/l

RT: 4.710 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY014958.D

Acq: 03 Aug 2023 18:59

Instrument :

MSVOA_Y

ClientSampleId :

MCLEAN-TP6

Tgt Ion: 84 Resp: 36551

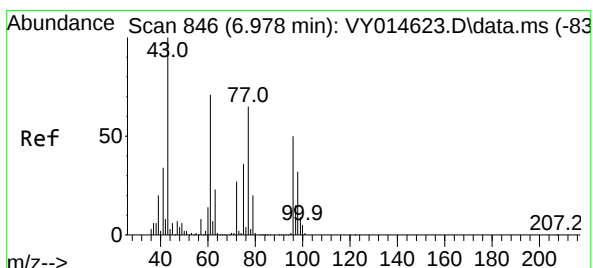
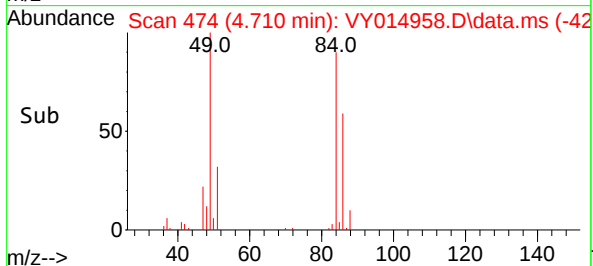
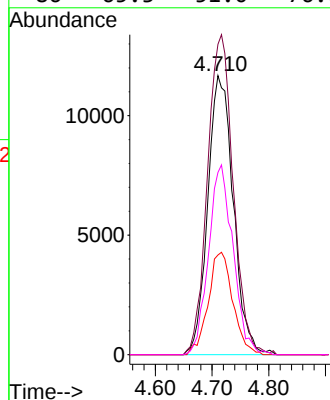
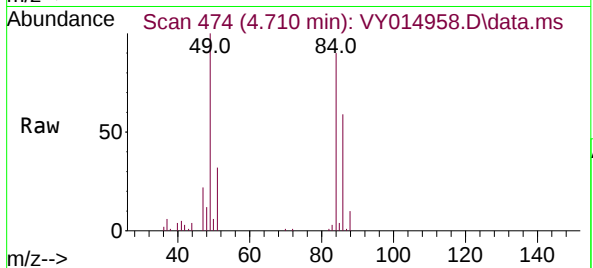
Ion Ratio Lower Upper

84 100

49 111.2 106.9 160.3

51 35.7 33.2 49.8

86 65.3 51.0 76.6



#25

2-Butanone

Concen: 9.299 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY014958.D

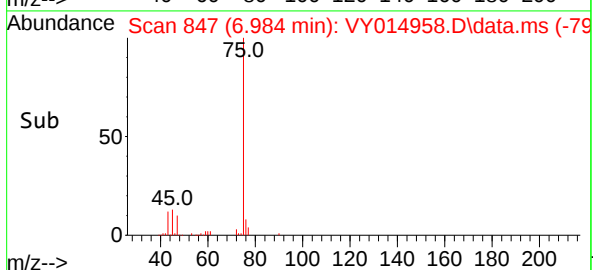
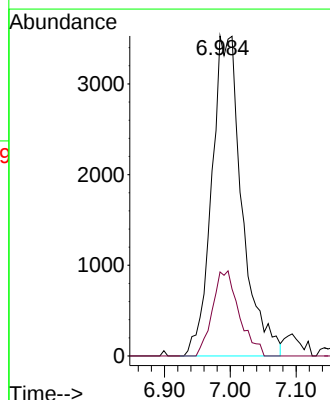
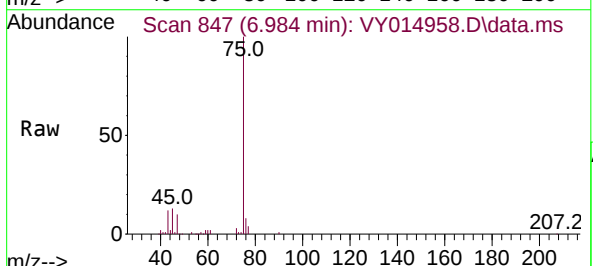
Acq: 03 Aug 2023 18:59

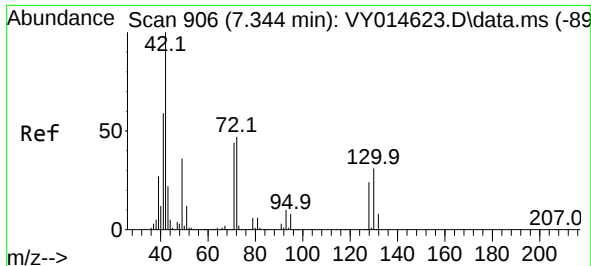
Tgt Ion: 43 Resp: 11317

Ion Ratio Lower Upper

43 100

72 26.3 20.5 30.7





#29

Tetrahydrofuran

Concen: 3.022 ug/l

RT: 7.356 min Scan# 906

Delta R.T. 0.012 min

Lab File: VY014958.D

Acq: 03 Aug 2023 18:59

Instrument :

MSVOA_Y

ClientSampleId :

MCLEAN-TP6

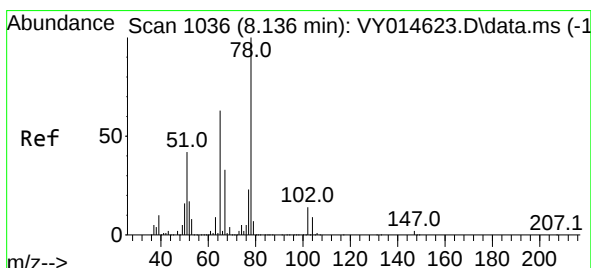
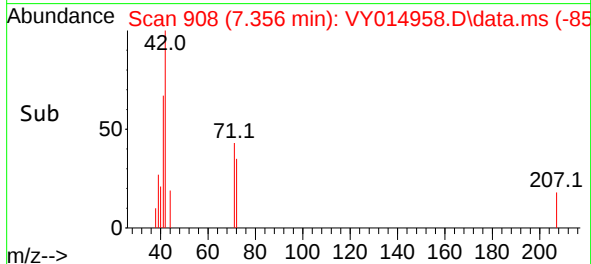
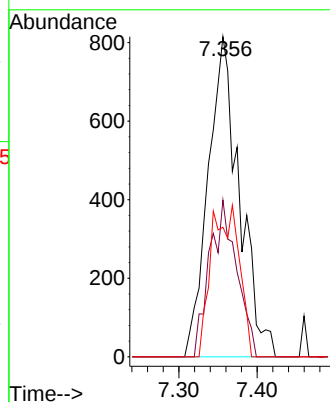
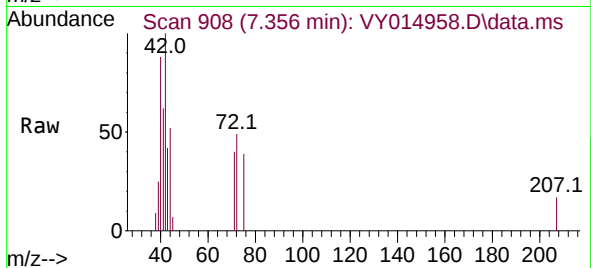
Tgt Ion: 42 Resp: 2265

Ion Ratio Lower Upper

42 100

72 42.2 32.8 49.2

71 26.2 31.0 46.4#



#33

1,2-Dichloroethane-d4

Concen: 57.244 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.007 min

Lab File: VY014958.D

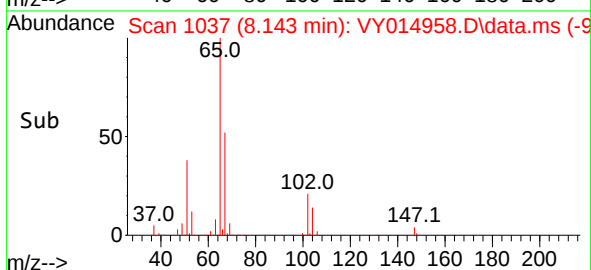
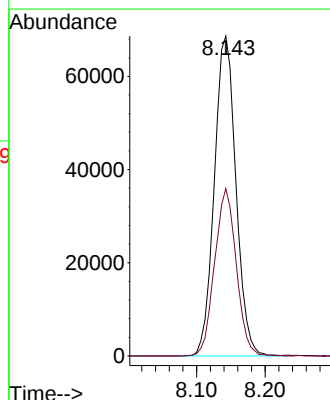
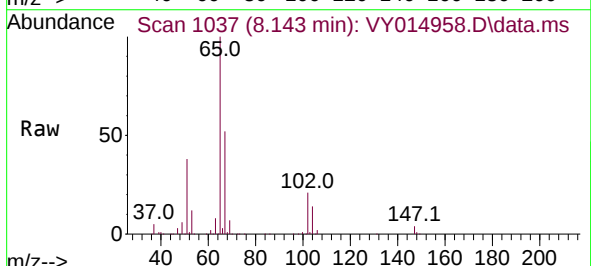
Acq: 03 Aug 2023 18:59

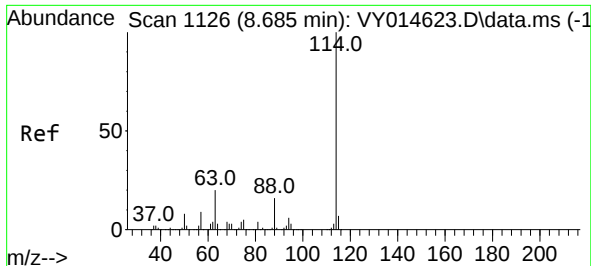
Tgt Ion: 65 Resp: 150278

Ion Ratio Lower Upper

65 100

67 52.4 0.0 101.8

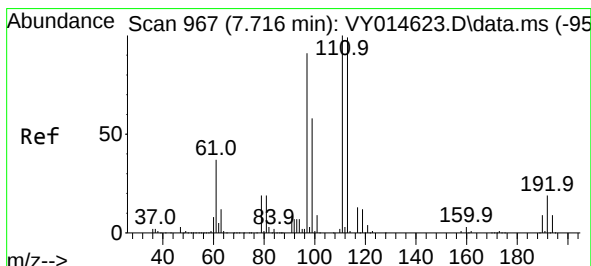
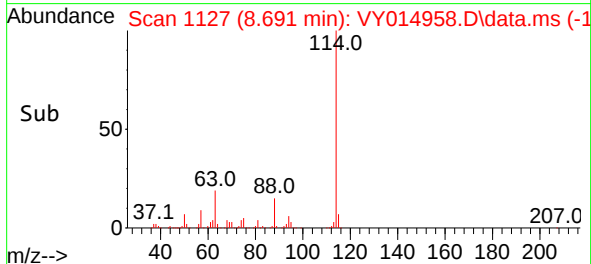
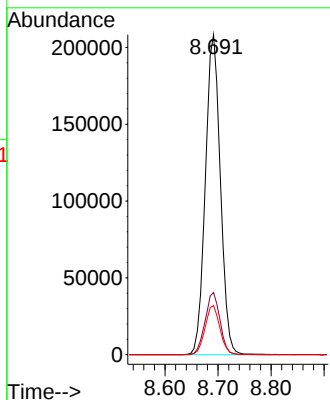
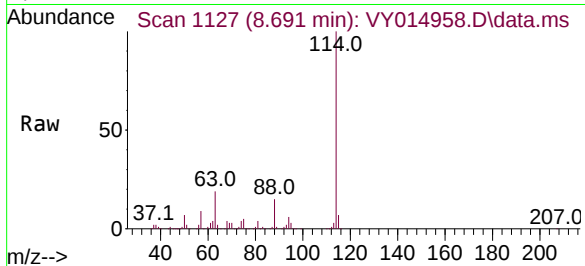




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY014958.D
Acq: 03 Aug 2023 18:59

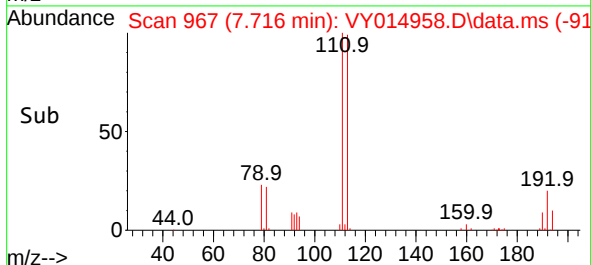
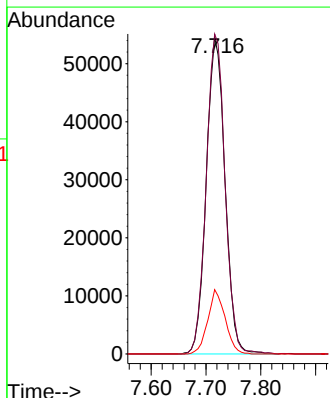
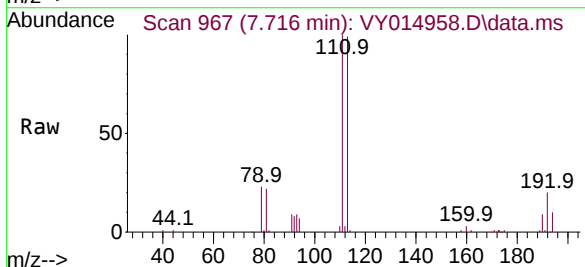
Instrument :
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MCLEAN-TP6

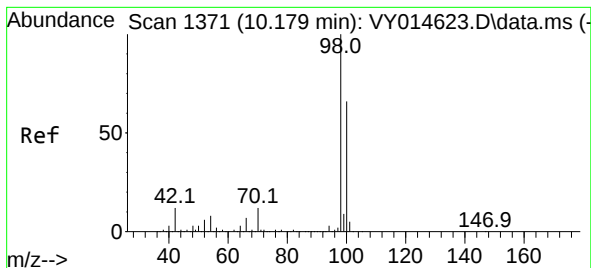
Tgt Ion:114 Resp: 408984
Ion Ratio Lower Upper
114 100
63 19.4 0.0 42.4
88 15.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.623 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014958.D
Acq: 03 Aug 2023 18:59

Tgt Ion:113 Resp: 129192
Ion Ratio Lower Upper
113 100
111 101.6 81.3 121.9
192 18.9 16.9 25.3

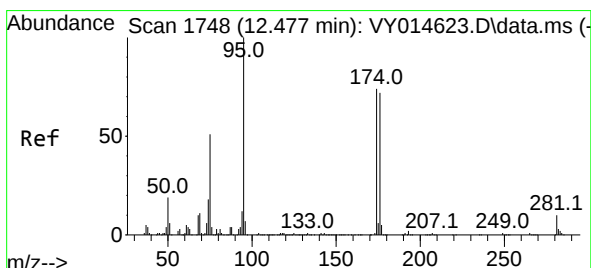
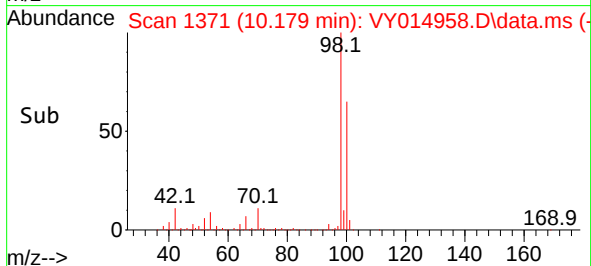
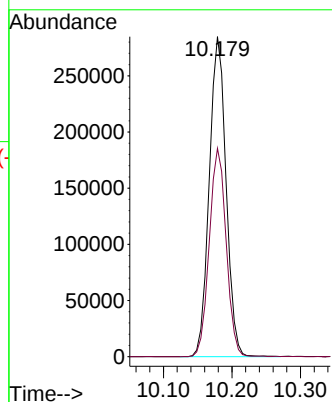
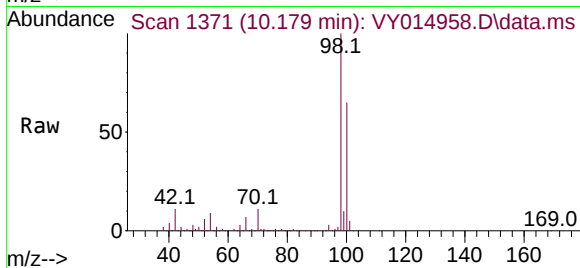




#50
Toluene-d8
Concen: 50.656 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014958.D
Acq: 03 Aug 2023 18:59

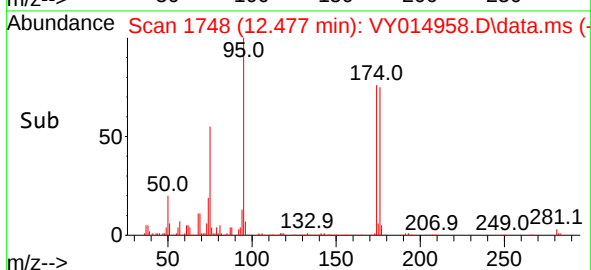
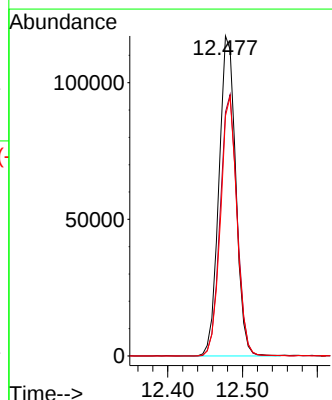
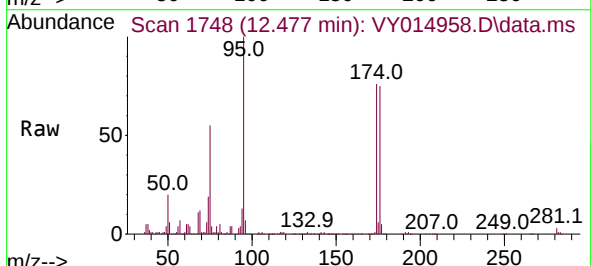
Instrument :
MSVOA_Y
ClientSampleId :
MCLEAN-TP6

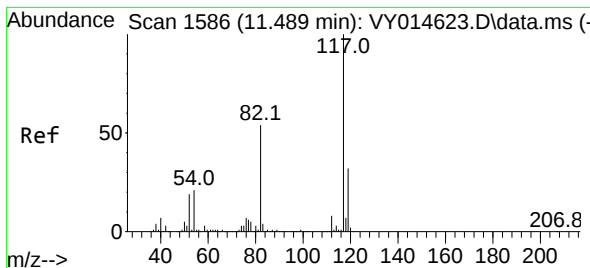
Tgt Ion: 98 Resp: 486225
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.873 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014958.D
Acq: 03 Aug 2023 18:59

Tgt Ion: 95 Resp: 183555
Ion Ratio Lower Upper
95 100
174 81.6 0.0 178.2
176 79.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY014958.D

Acq: 03 Aug 2023 18:59

Instrument :

MSVOA_Y

ClientSampleId :

MCLEAN-TP6

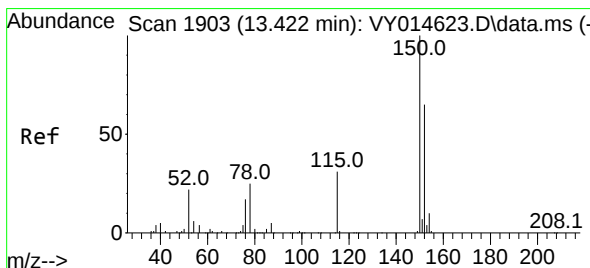
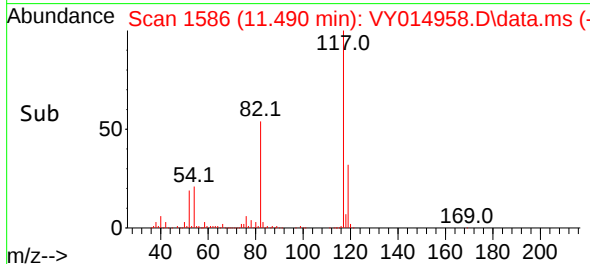
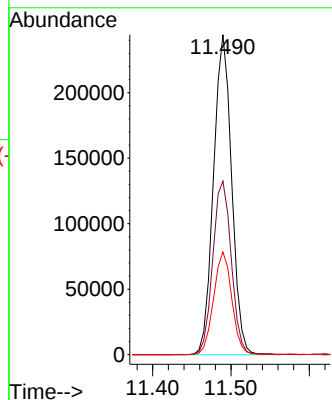
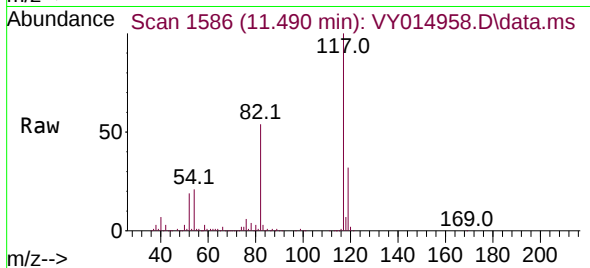
Tgt Ion:117 Resp: 392647

Ion Ratio Lower Upper

117 100

82 54.3 43.4 65.0

119 32.0 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY014958.D

Acq: 03 Aug 2023 18:59

Tgt Ion:152 Resp: 192039

Ion Ratio Lower Upper

152 100

115 60.0 28.8 86.5

150 156.0 0.0 348.8

