

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053023\
 Data File : VY013916.D
 Acq On : 30 May 2023 13:58
 Operator : KP/MD
 Sample : 02945-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB20

Quant Time: May 30 15:37:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

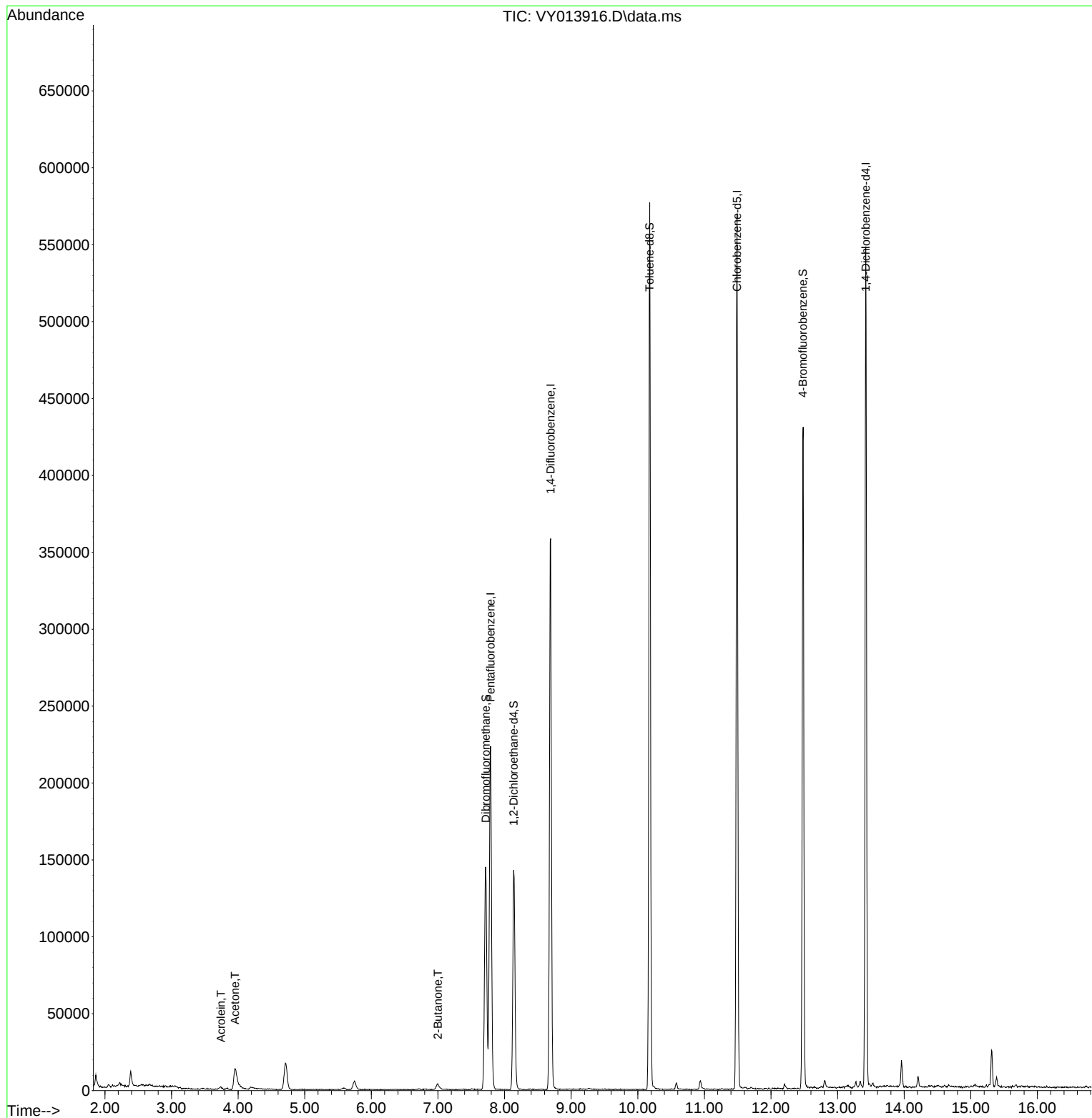
Internal Standards						
1) Pentafluorobenzene	7.789	168	176147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	297788	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	295339	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	137524	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	118393	58.097	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.200%
35) Dibromofluoromethane	7.716	113	99371	51.671	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.340%
50) Toluene-d8	10.179	98	364933	49.928	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.860%
62) 4-Bromofluorobenzene	12.477	95	124097	51.077	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.160%
Target Compounds						
						Qvalue
13) Acrolein	3.741	56	2108	8.977	ug/l	92
16) Acetone	3.954	43	33854	55.973	ug/l	97
25) 2-Butanone	6.997	43	6194	8.393	ug/l #	90

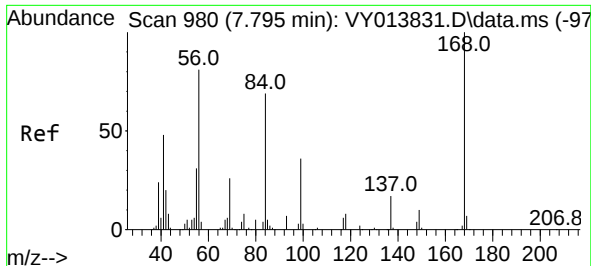
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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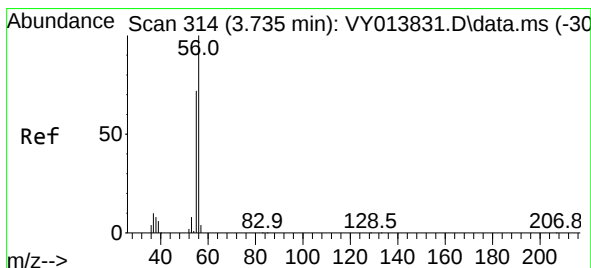
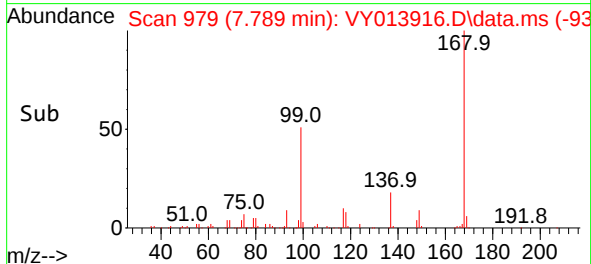
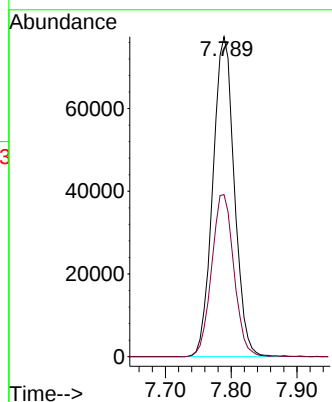
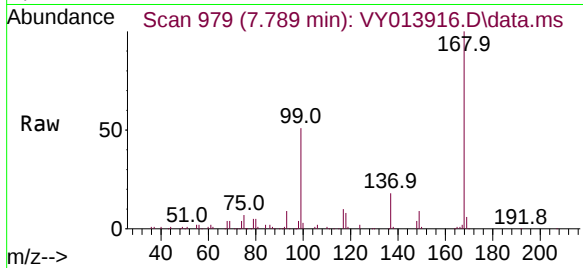




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013916.D
Acq: 30 May 2023 13:58

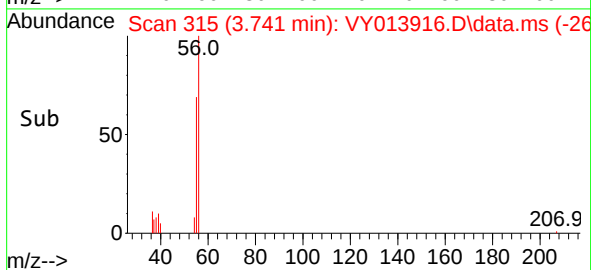
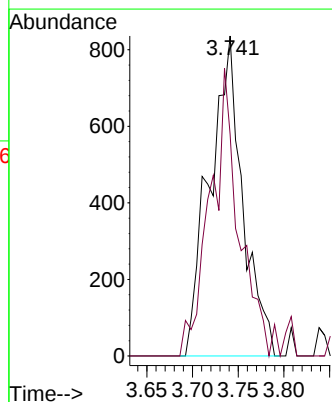
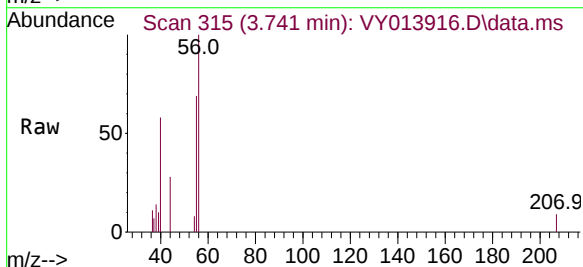
Instrument :
MSVOA_Y
ClientSampleId :
SB20

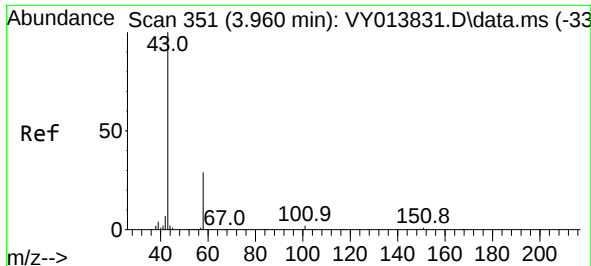
Tgt Ion:168 Resp: 176147
Ion Ratio Lower Upper
168 100
99 50.6 43.4 65.2



#13
Acrolein
Concen: 8.977 ug/l
RT: 3.741 min Scan# 315
Delta R.T. 0.006 min
Lab File: VY013916.D
Acq: 30 May 2023 13:58

Tgt Ion: 56 Resp: 2108
Ion Ratio Lower Upper
56 100
55 77.1 56.2 84.2

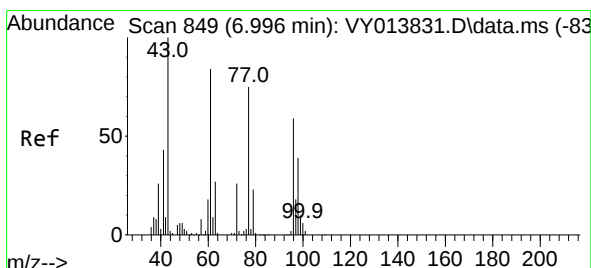
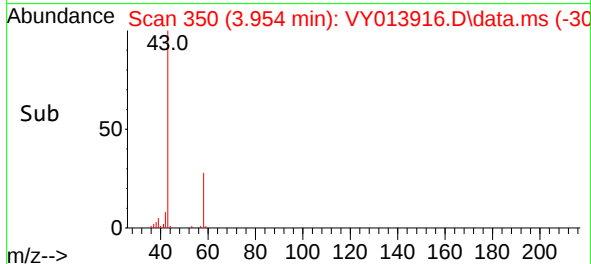
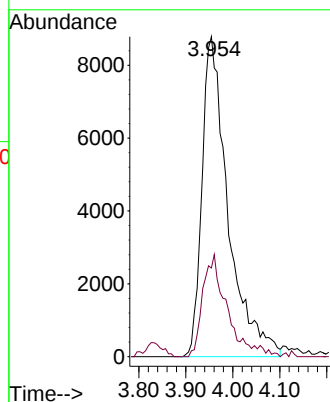
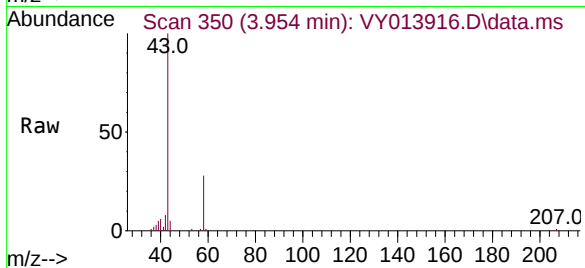




#16
Acetone
Concen: 55.973 ug/l
RT: 3.954 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY013916.D
Acq: 30 May 2023 13:58

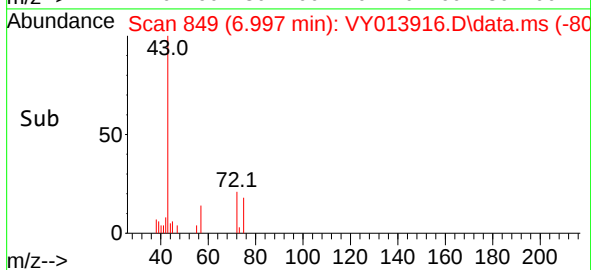
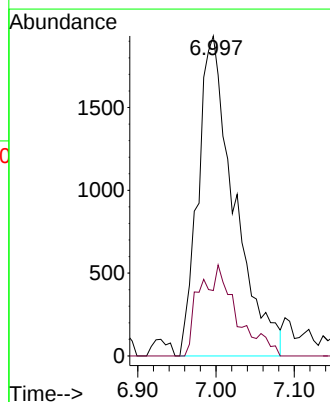
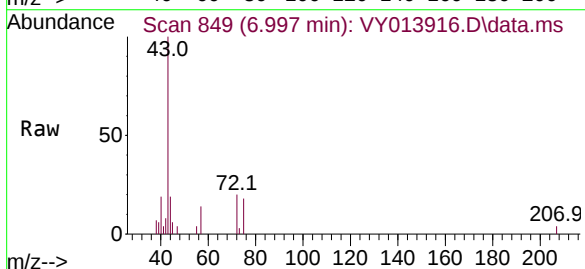
Instrument :
MSVOA_Y
ClientSampleId :
SB20

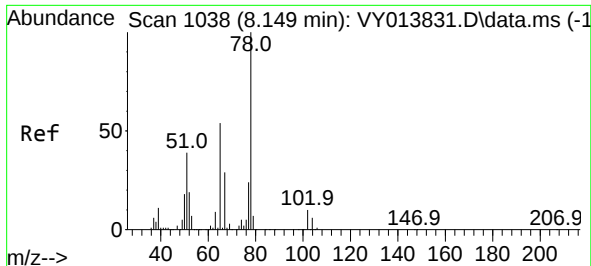
Tgt Ion: 43 Resp: 33854
Ion Ratio Lower Upper
43 100
58 27.7 23.3 34.9



#25
2-Butanone
Concen: 8.393 ug/l
RT: 6.997 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY013916.D
Acq: 30 May 2023 13:58

Tgt Ion: 43 Resp: 6194
Ion Ratio Lower Upper
43 100
72 20.4 20.5 30.7#





#33

1,2-Dichloroethane-d4

Concen: 58.097 ug/l

RT: 8.137 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY013916.D

Acq: 30 May 2023 13:58

Instrument :

MSVOA_Y

ClientSampleId :

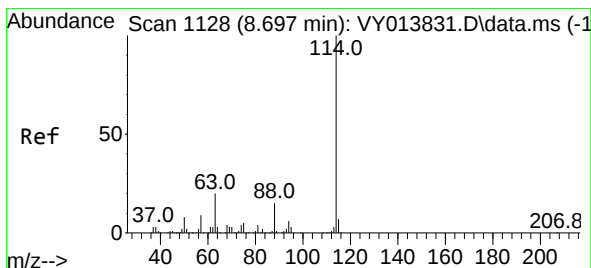
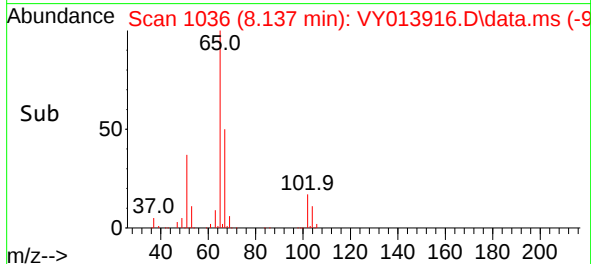
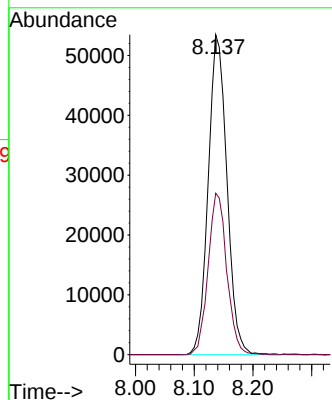
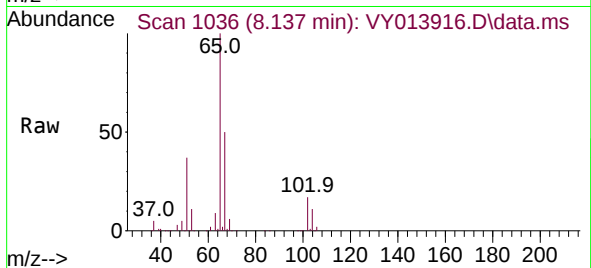
SB20

Tgt Ion: 65 Resp: 118393

Ion Ratio Lower Upper

65 100

67 50.4 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY013916.D

Acq: 30 May 2023 13:58

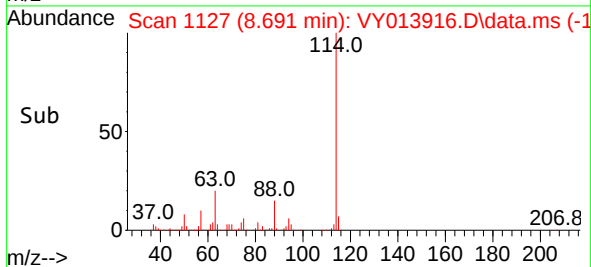
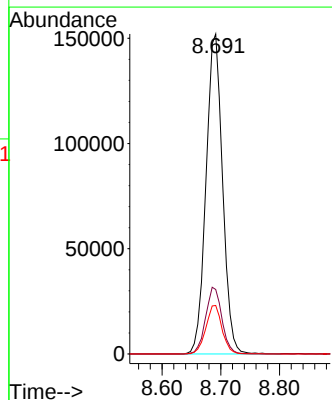
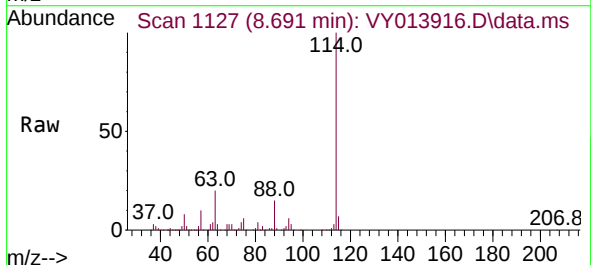
Tgt Ion: 114 Resp: 297788

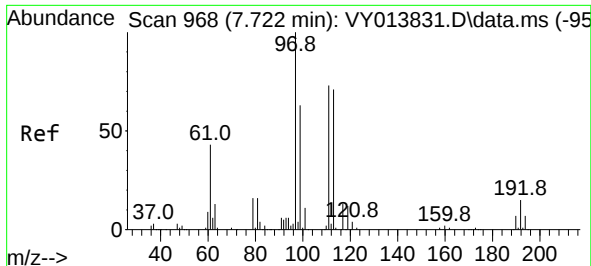
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.2

88 15.1 0.0 30.0

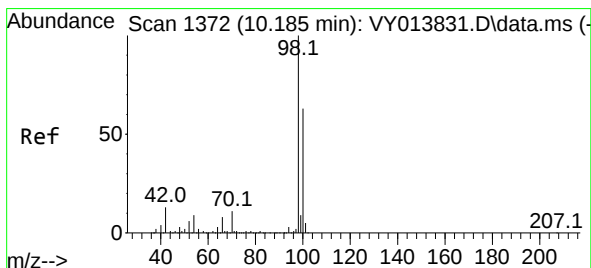
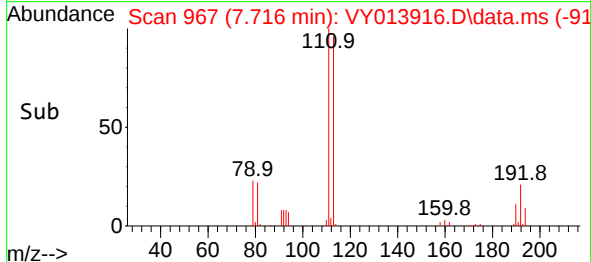
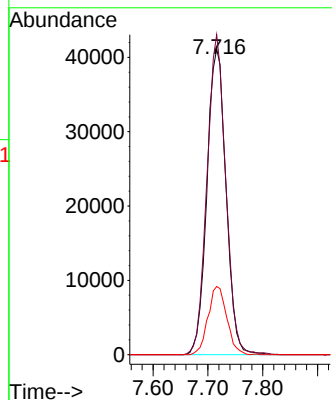
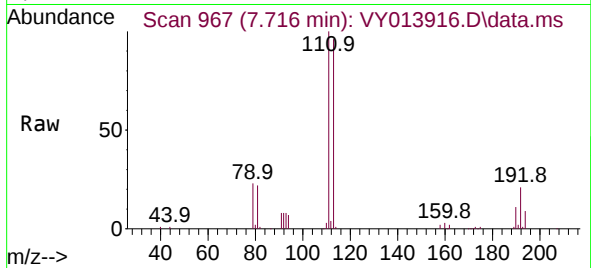




#35
 Dibromofluoromethane
 Concen: 51.671 ug/l
 RT: 7.716 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VY013916.D
 Acq: 30 May 2023 13:58

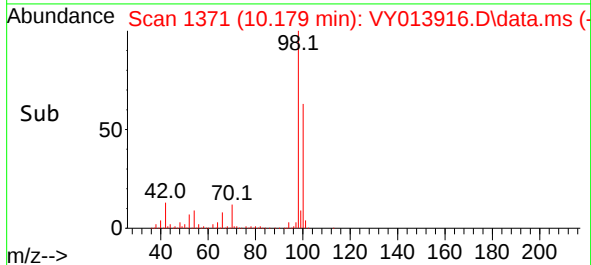
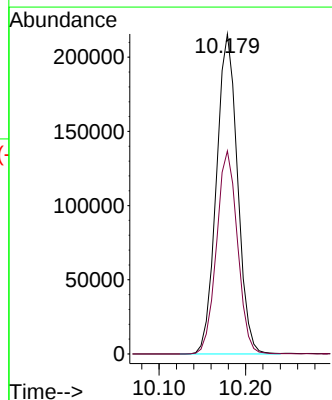
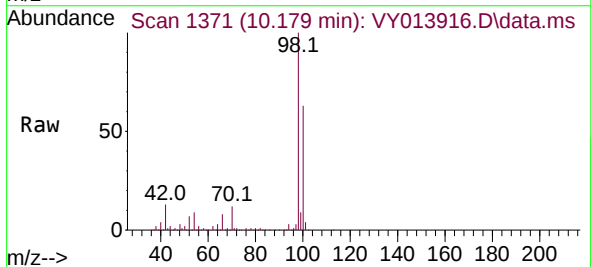
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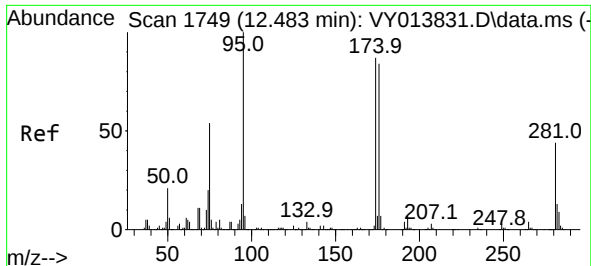
Tgt Ion:113 Resp: 99371
 Ion Ratio Lower Upper
 113 100
 111 102.8 80.4 120.6
 192 21.9 16.6 25.0



#50
 Toluene-d8
 Concen: 49.928 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. -0.006 min
 Lab File: VY013916.D
 Acq: 30 May 2023 13:58

Tgt Ion: 98 Resp: 364933
 Ion Ratio Lower Upper
 98 100
 100 63.0 50.8 76.2





#62

4-Bromofluorobenzene

Concen: 51.077 ug/l

RT: 12.477 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013916.D

Acq: 30 May 2023 13:58

Instrument :

MSVOA_Y

ClientSampleId :

SB20

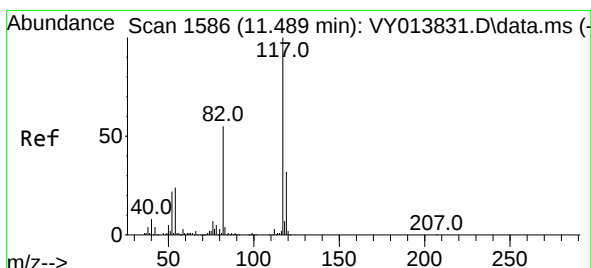
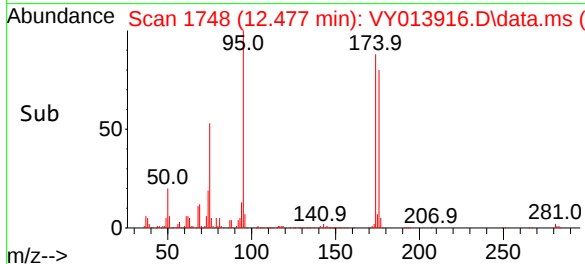
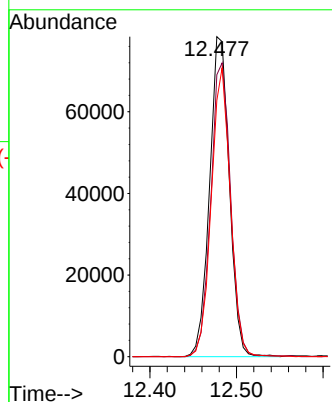
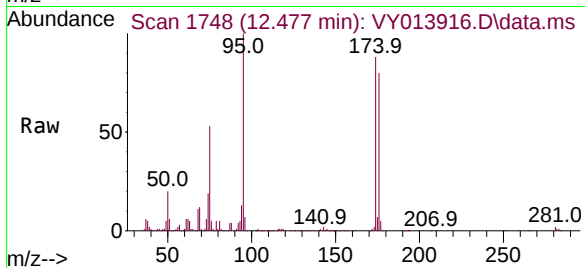
Tgt Ion: 95 Resp: 124097

Ion Ratio Lower Upper

95 100

174 92.4 0.0 176.0

176 87.6 0.0 170.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY013916.D

Acq: 30 May 2023 13:58

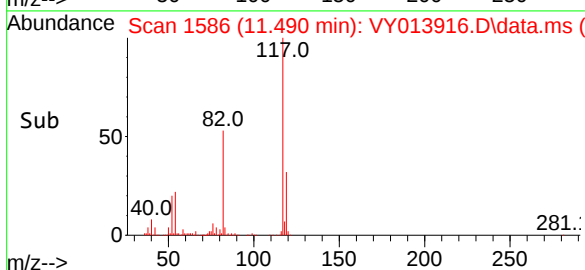
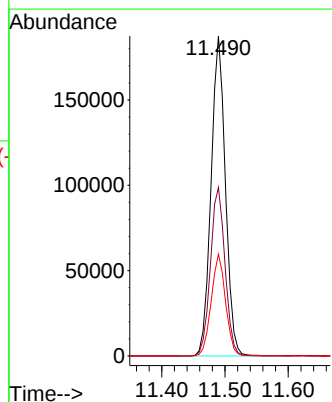
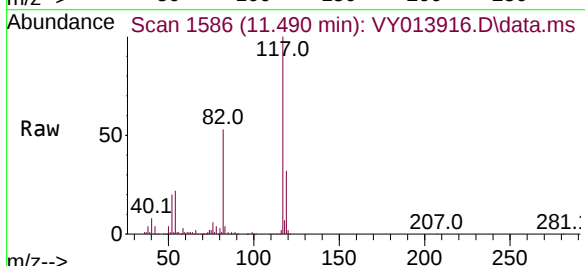
Tgt Ion: 117 Resp: 295339

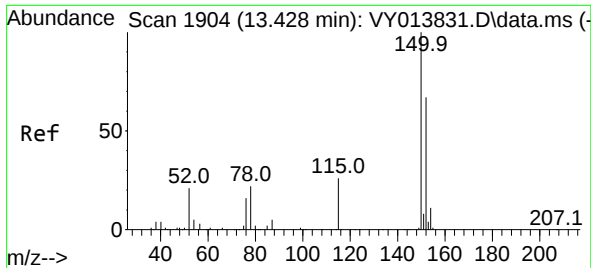
Ion Ratio Lower Upper

117 100

82 52.7 44.2 66.4

119 31.8 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY013916.D

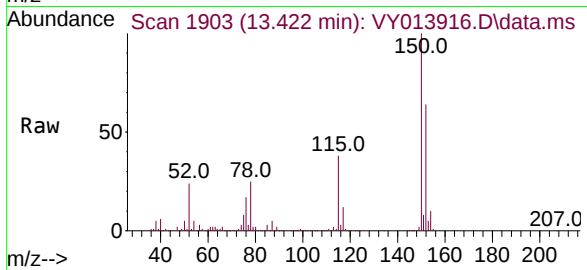
Acq: 30 May 2023 13:58

Instrument :

MSVOA_Y

ClientSampleId :

SB20



Tgt Ion:152 Resp: 137524

Ion Ratio Lower Upper

152 100

115 57.6 28.8 86.5

150 157.5 0.0 353.4

