

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053023\
 Data File : VY013921.D
 Acq On : 30 May 2023 15:55
 Operator : KP/MD
 Sample : 02852-07
 Misc : 6.12g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CB-32-G3-SO-38-051823

Quant Time: May 31 03:27:03 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)

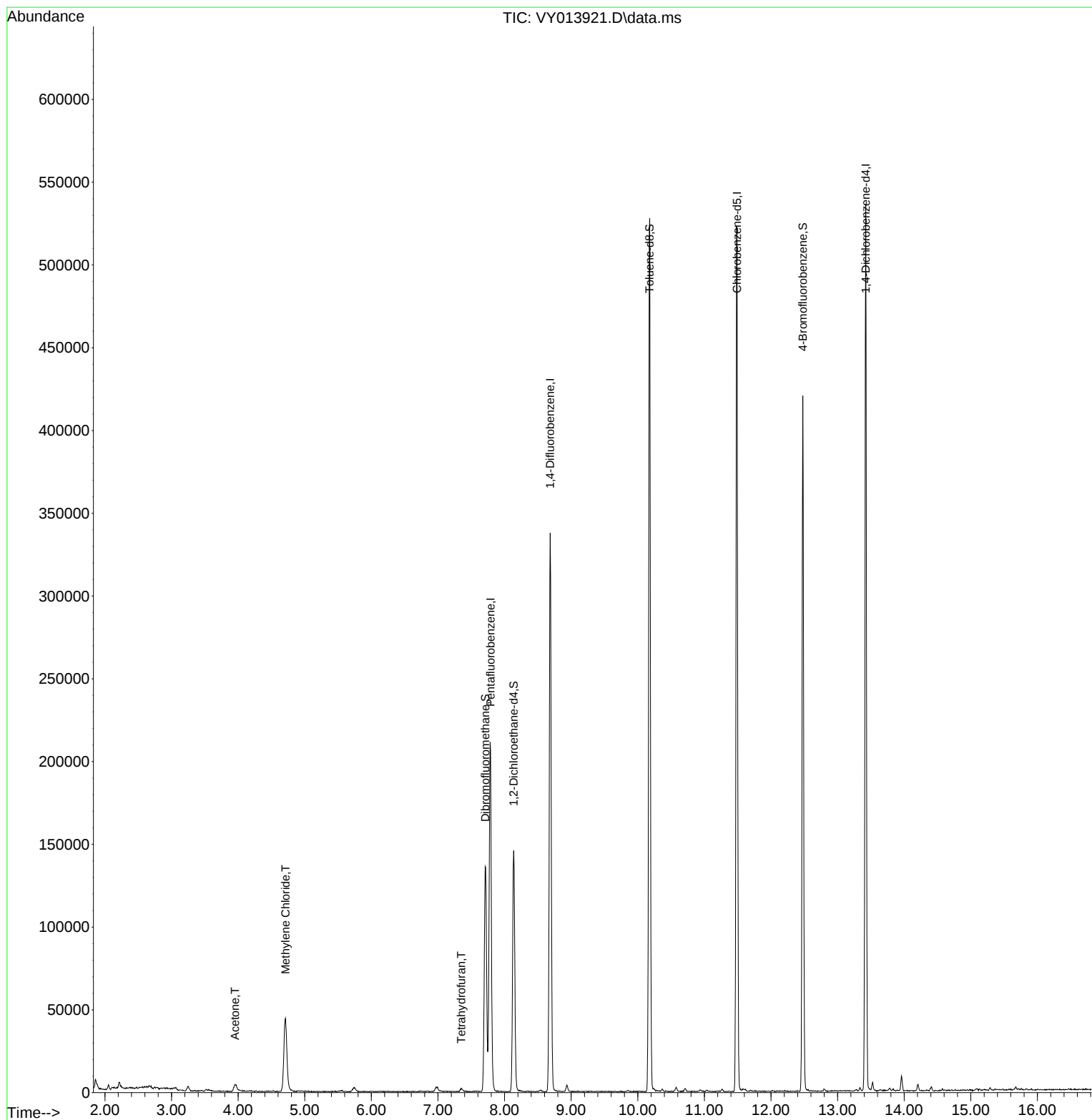
Internal Standards						
1) Pentafluorobenzene	7.789	168	163203	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	283157	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.490	117	283015	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	130723	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	121235	64.210	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.420%	
35) Dibromofluoromethane	7.710	113	96208	52.612	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.220%	
50) Toluene-d8	10.179	98	348160	50.094	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.180%	
62) 4-Bromofluorobenzene	12.477	95	115145	49.842	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.680%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	8788	15.682	ug/l #	75
20) Methylene Chloride	4.710	84	32010	14.296	ug/l	94
29) Tetrahydrofuran	7.350	42	1639	4.015	ug/l #	86

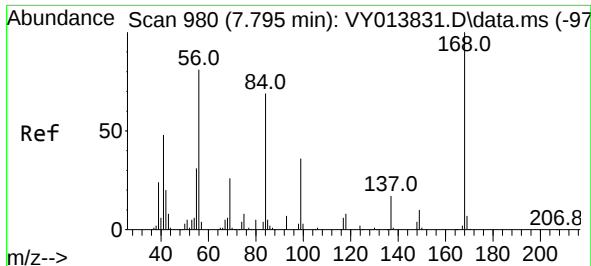
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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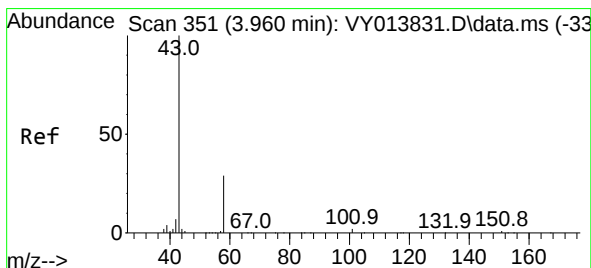
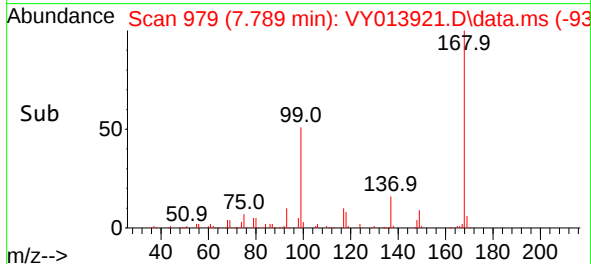
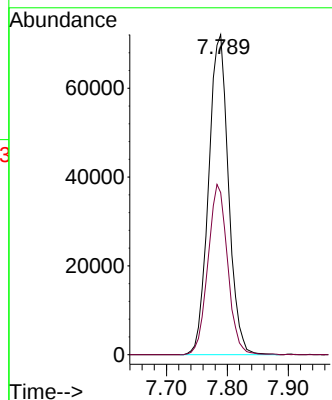
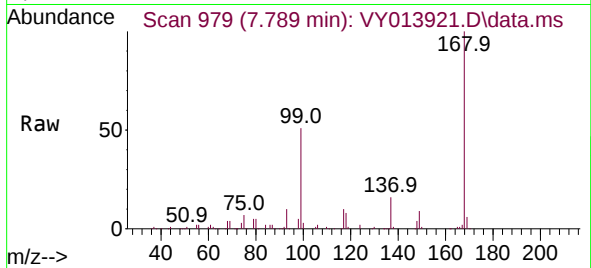




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013921.D
Acq: 30 May 2023 15:55

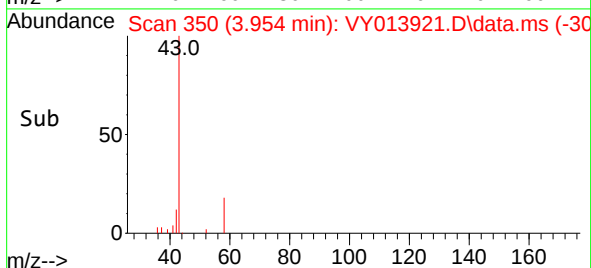
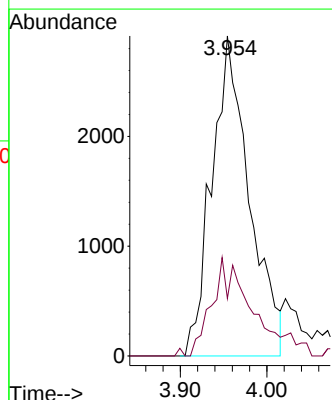
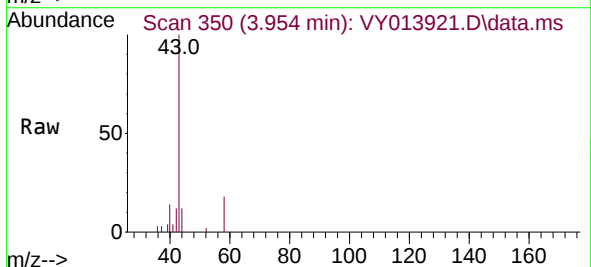
Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-38-051823

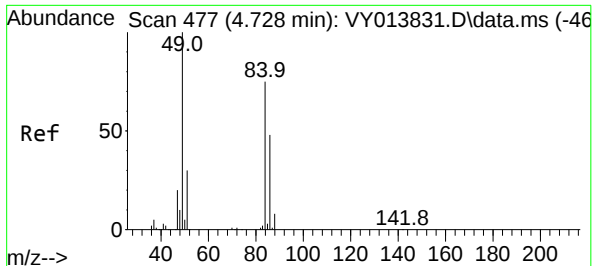
Tgt Ion:168 Resp: 163203
Ion Ratio Lower Upper
168 100
99 50.7 43.4 65.2



#16
Acetone
Concen: 15.682 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY013921.D
Acq: 30 May 2023 15:55

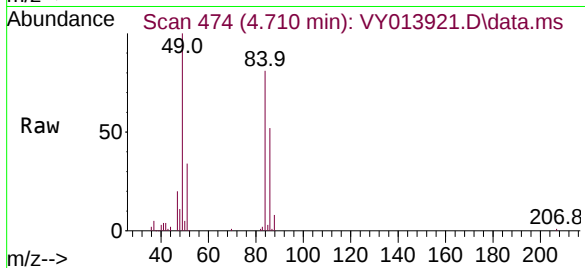
Tgt Ion: 43 Resp: 8788
Ion Ratio Lower Upper
43 100
58 15.5 23.3 34.9#





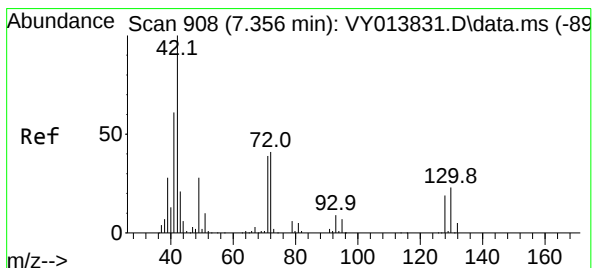
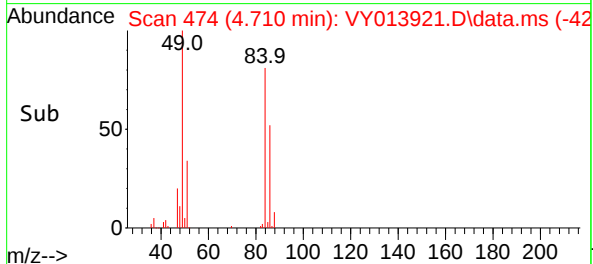
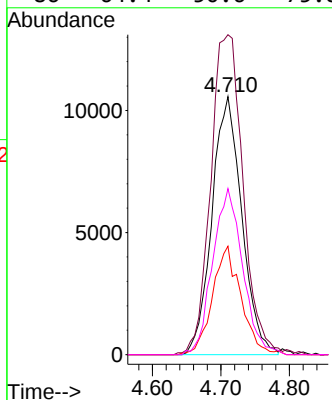
#20
Methylene Chloride
Concen: 14.296 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.018 min
Lab File: VY013921.D
Acq: 30 May 2023 15:55

Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-38-051823



Tgt Ion: 84 Resp: 32010

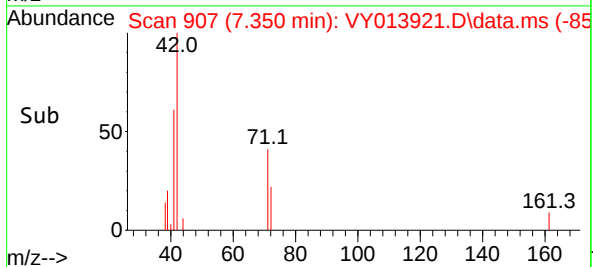
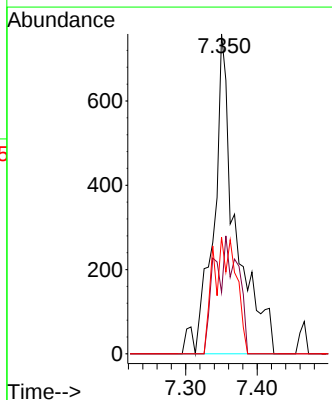
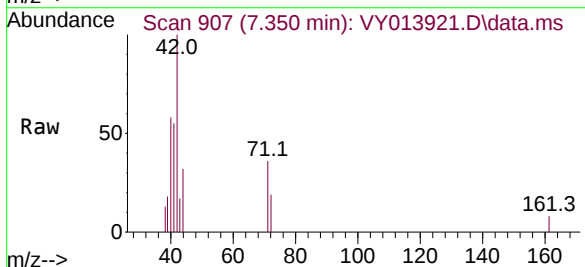
Ion	Ratio	Lower	Upper
84	100		
49	123.3	106.2	159.2
51	42.0	31.4	47.0
86	64.4	50.6	75.8

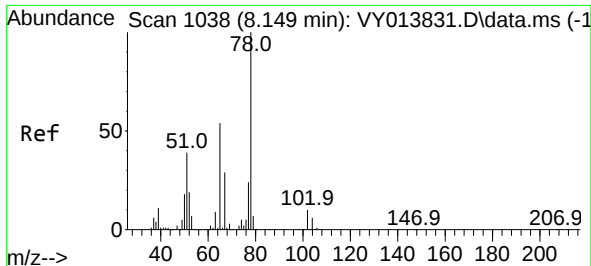


#29
Tetrahydrofuran
Concen: 4.015 ug/l
RT: 7.350 min Scan# 907
Delta R.T. -0.006 min
Lab File: VY013921.D
Acq: 30 May 2023 15:55

Tgt Ion: 42 Resp: 1639

Ion	Ratio	Lower	Upper
42	100		
72	23.1	31.7	47.5#
71	37.3	30.6	45.8





#33

1,2-Dichloroethane-d4

Concen: 64.210 ug/l

RT: 8.137 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY013921.D

Acq: 30 May 2023 15:55

Instrument :

MSVOA_Y

ClientSampleId :

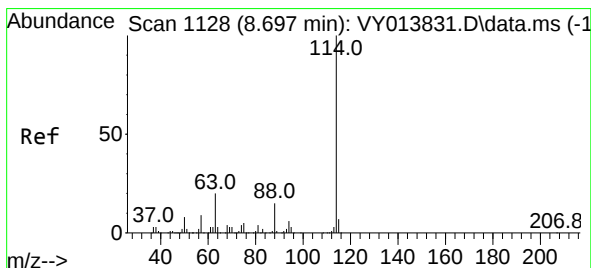
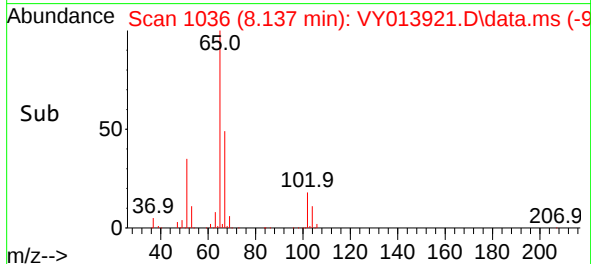
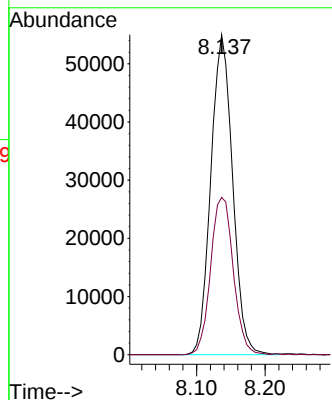
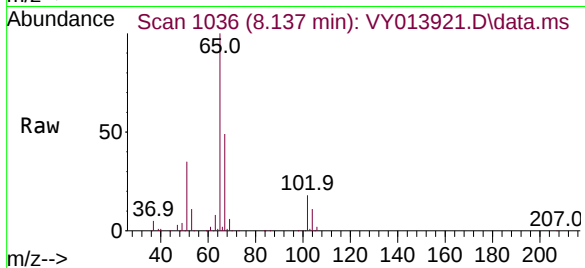
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Tgt Ion: 65 Resp: 121235

Ion Ratio Lower Upper

65 100

67 51.2 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.012 min

Lab File: VY013921.D

Acq: 30 May 2023 15:55

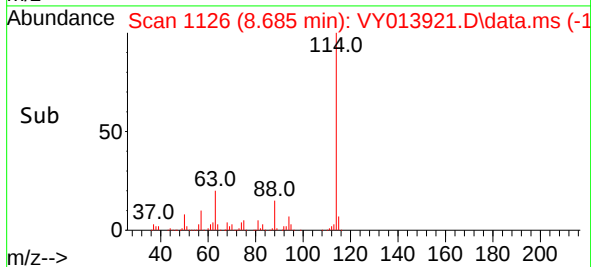
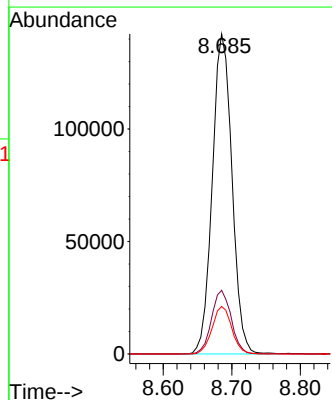
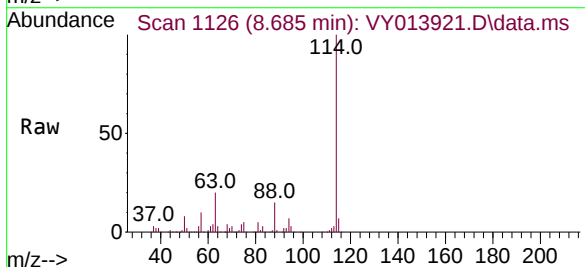
Tgt Ion: 114 Resp: 283157

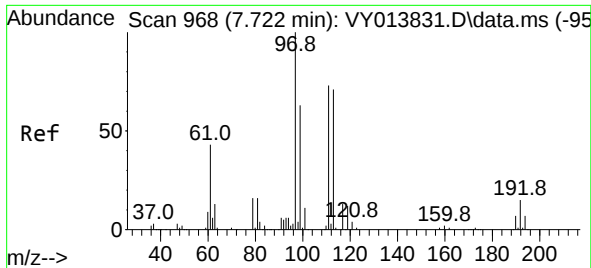
Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.2

88 14.9 0.0 30.0

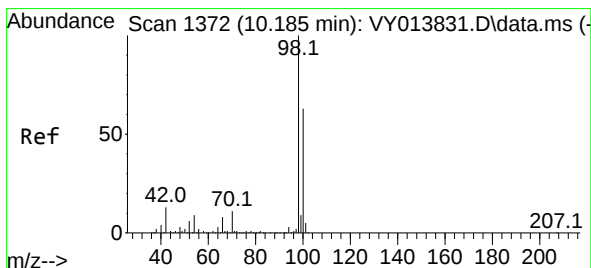
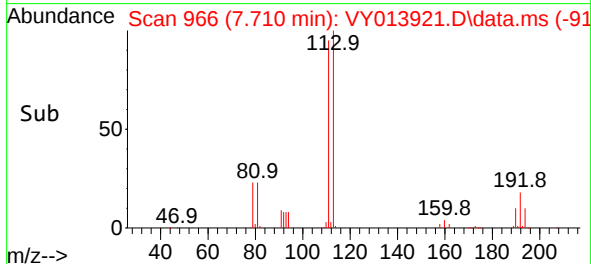
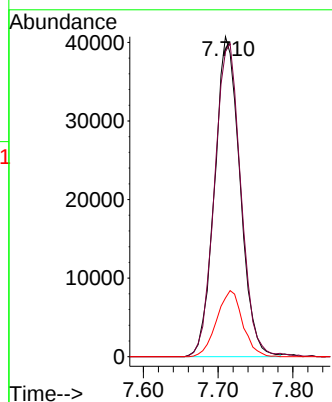
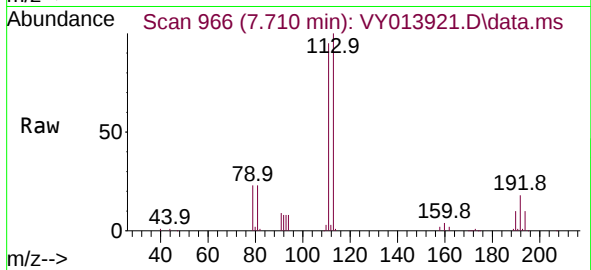




#35
Dibromofluoromethane
Concen: 52.612 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.012 min
Lab File: VY013921.D
Acq: 30 May 2023 15:55

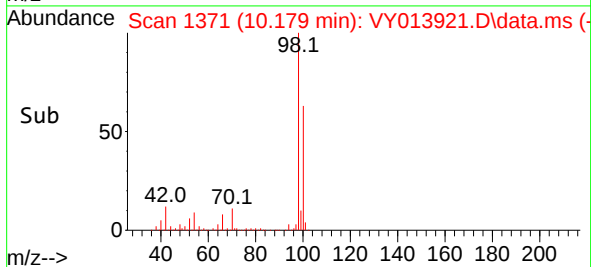
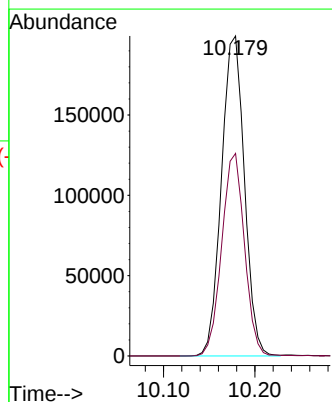
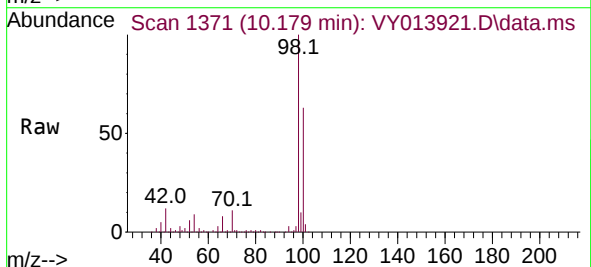
Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-38-051823

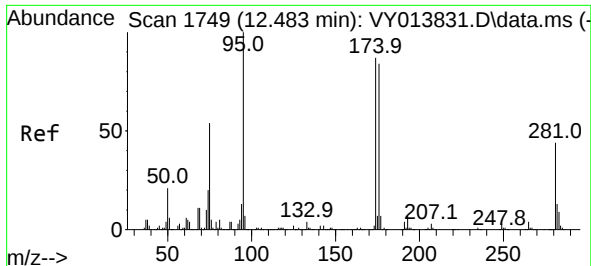
Tgt Ion:113 Resp: 96208
Ion Ratio Lower Upper
113 100
111 101.5 80.4 120.6
192 21.1 16.6 25.0



#50
Toluene-d8
Concen: 50.094 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013921.D
Acq: 30 May 2023 15:55

Tgt Ion: 98 Resp: 348160
Ion Ratio Lower Upper
98 100
100 62.8 50.8 76.2

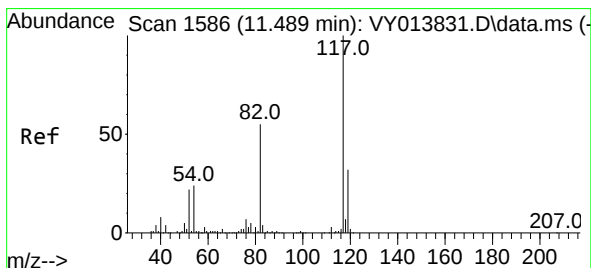
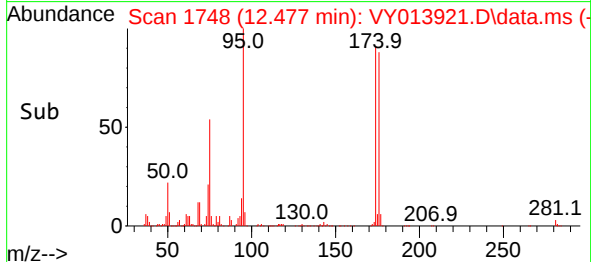
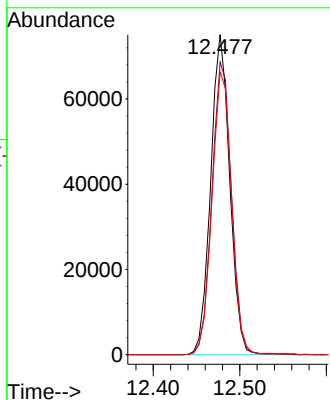
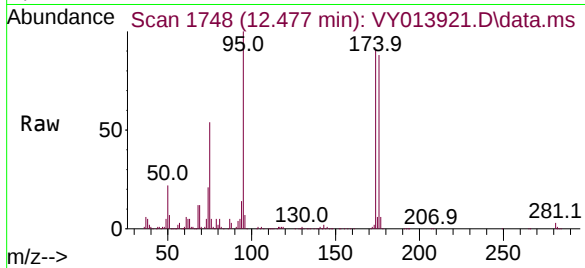




#62
4-Bromofluorobenzene
Concen: 49.842 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013921.D
Acq: 30 May 2023 15:55

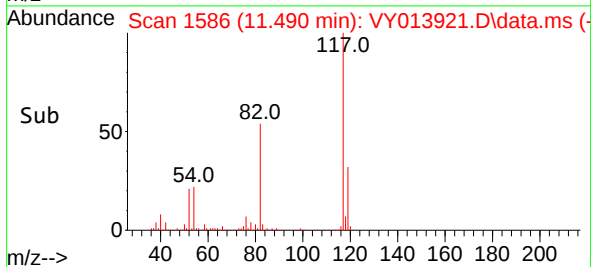
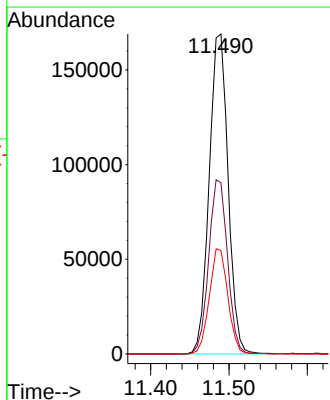
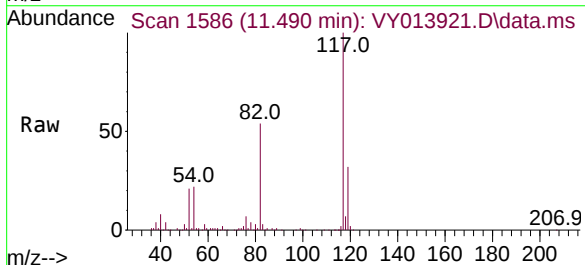
Instrument :
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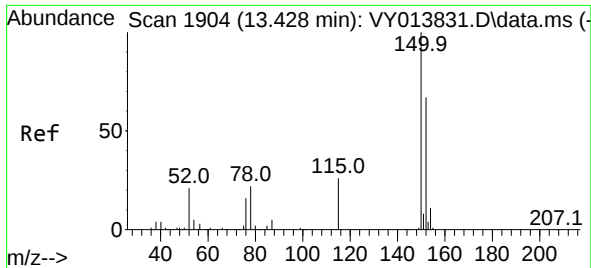
Tgt Ion: 95 Resp: 115145
Ion Ratio Lower Upper
95 100
174 93.9 0.0 176.0
176 90.4 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013921.D
Acq: 30 May 2023 15:55

Tgt Ion: 117 Resp: 283015
Ion Ratio Lower Upper
117 100
82 53.5 44.2 66.4
119 32.3 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: VY013921.D

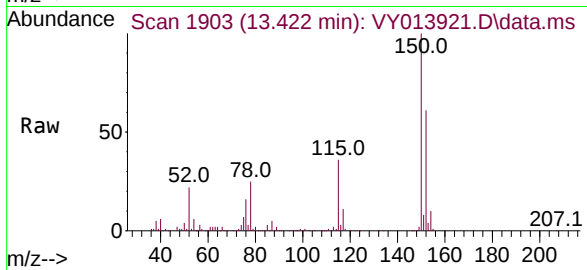
Acq: 30 May 2023 15:55

Instrument :

MSVOA_Y

ClientSampleId :

CB-32-G3-SO-38-051823



Tgt Ion:152 Resp: 130723

Ion Ratio Lower Upper

152 100

115 57.1 28.8 86.5

150 158.9 0.0 353.4

