

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092022\
 Data File : VY010582.D
 Acq On : 20 Sep 2022 17:57
 Operator : KP/MD
 Sample : N4697-09
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-21-6.5-7.0

Quant Time: Sep 21 01:21:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

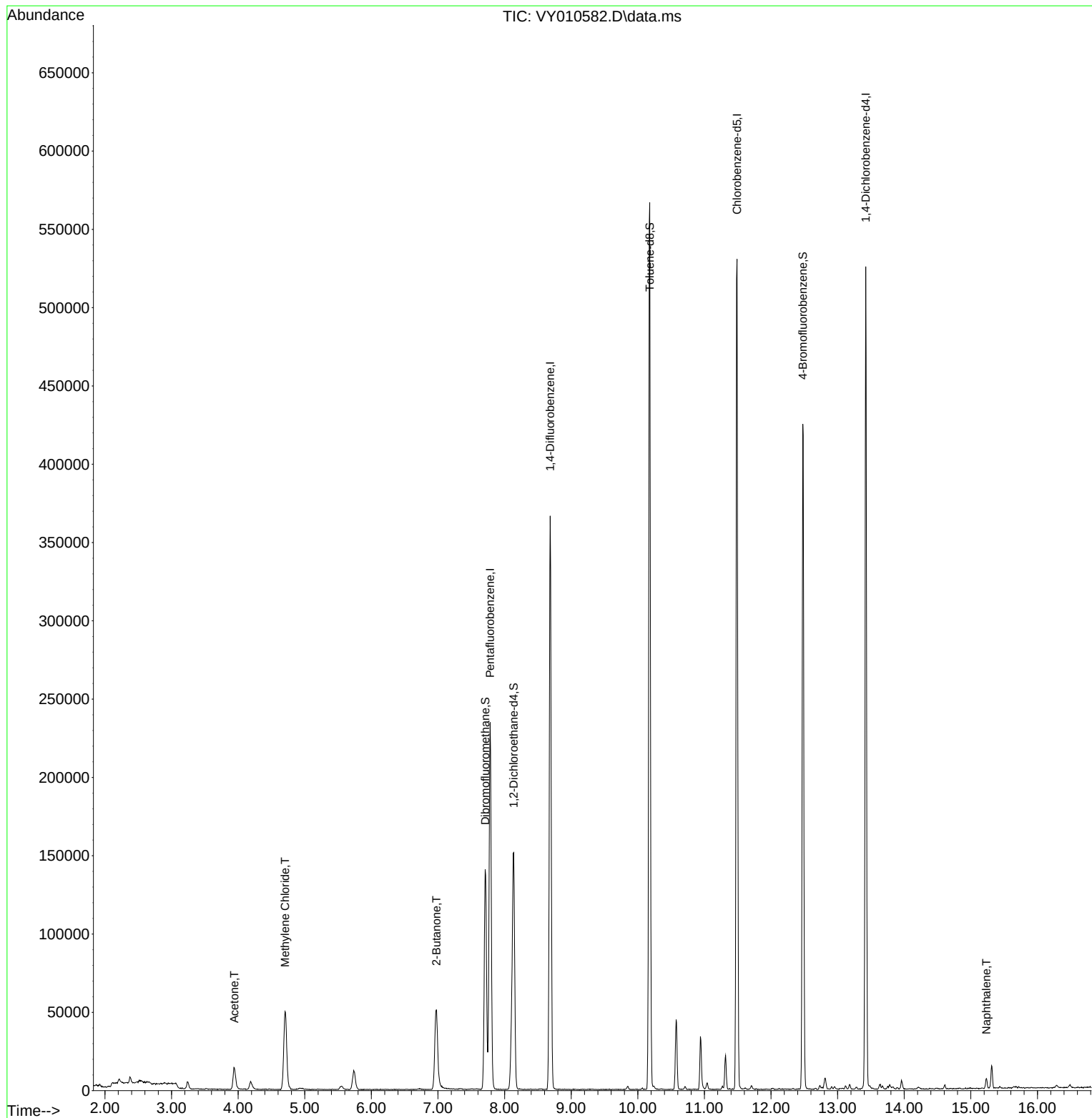
Internal Standards						
1) Pentafluorobenzene	7.783	168	184481	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	320419	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	303769	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	133546	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	104661	59.314	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.620%
35) Dibromofluoromethane	7.710	113	100111	48.956	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.920%
50) Toluene-d8	10.179	98	381207	50.413	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.820%
62) 4-Bromofluorobenzene	12.477	95	127549	45.217	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.440%
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	24969	69.391	ug/l #	86
20) Methylene Chloride	4.704	84	39352	11.382	ug/l #	78
25) 2-Butanone	6.978	43	10574	18.787	ug/l	96
95) Naphthalene	15.233	128	5944	1.362	ug/l	98

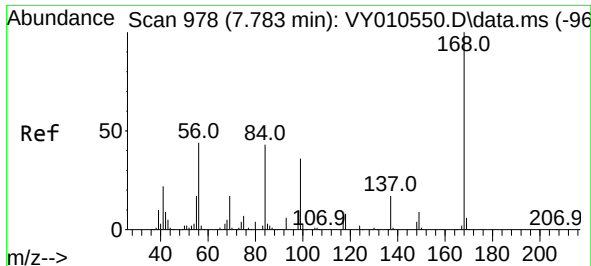
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092022\
Data File : VY010582.D
Acq On : 20 Sep 2022 17:57
Operator : KP/MD
Sample : N4697-09
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-21-6.5-7.0

Quant Time: Sep 21 01:21:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 20 01:02:44 2022
Response via : Initial Calibration

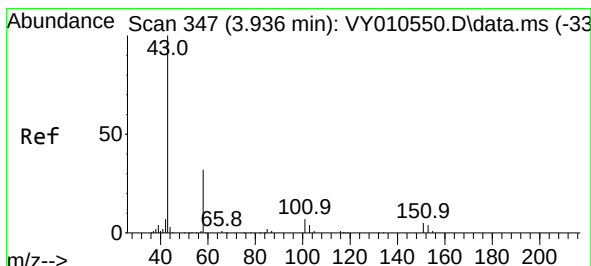
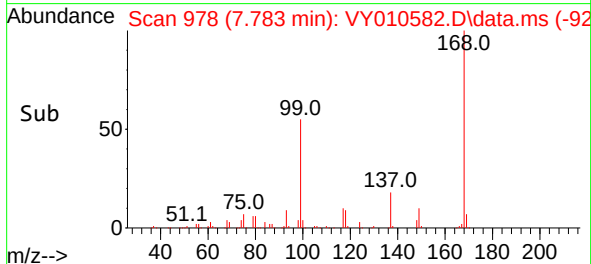
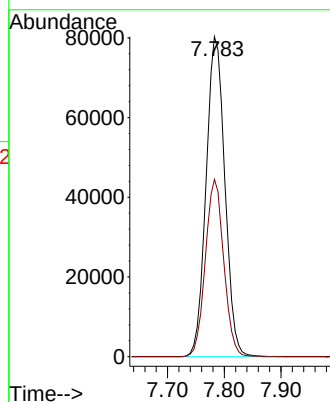
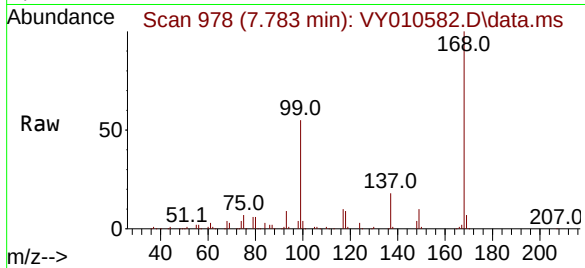




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010582.D
Acq: 20 Sep 2022 17:57

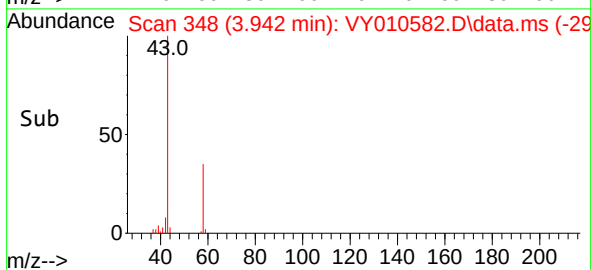
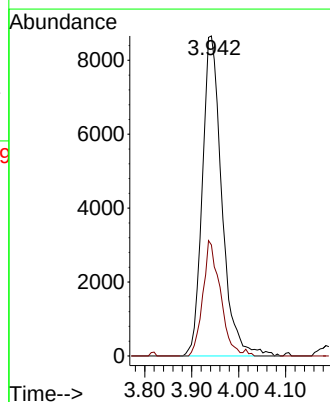
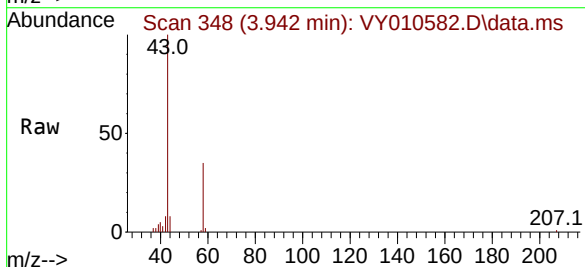
Instrument :
MSVOA_Y
ClientSampleId :
SB-21-6.5-7.0

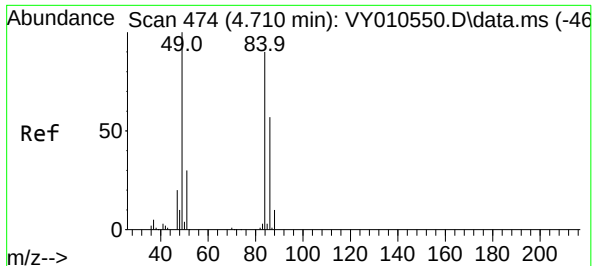
Tgt Ion:168 Resp: 184481
Ion Ratio Lower Upper
168 100
99 55.4 46.9 70.3



#16
Acetone
Concen: 69.391 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY010582.D
Acq: 20 Sep 2022 17:57

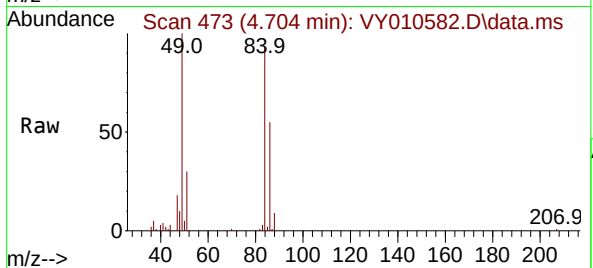
Tgt Ion: 43 Resp: 24969
Ion Ratio Lower Upper
43 100
58 34.7 22.0 33.0#



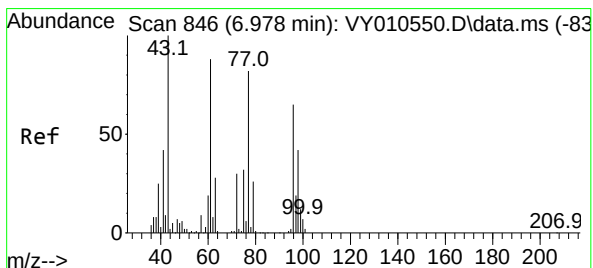
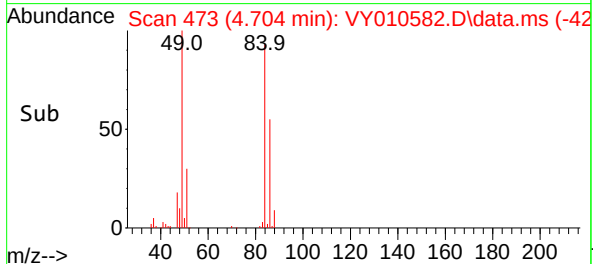
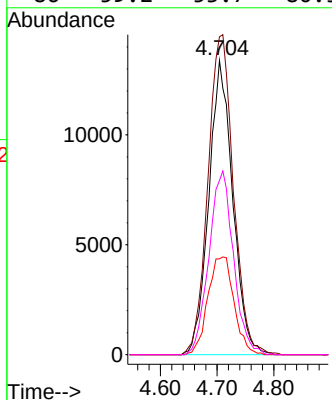


#20
Methylene Chloride
Concen: 11.382 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010582.D
Acq: 20 Sep 2022 17:57

Instrument :
MSVOA_Y
ClientSampleId :
SB-21-6.5-7.0

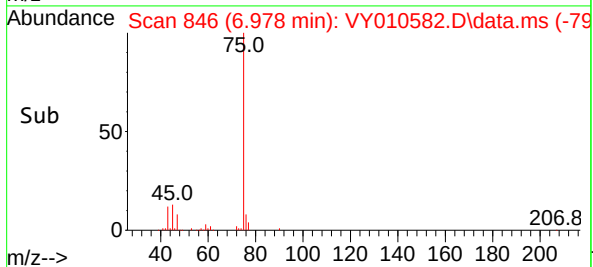
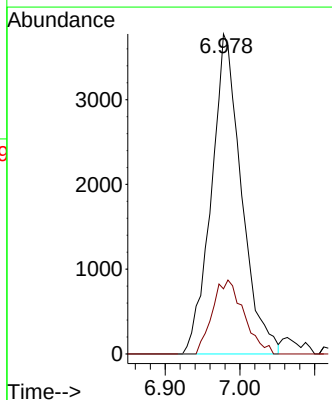
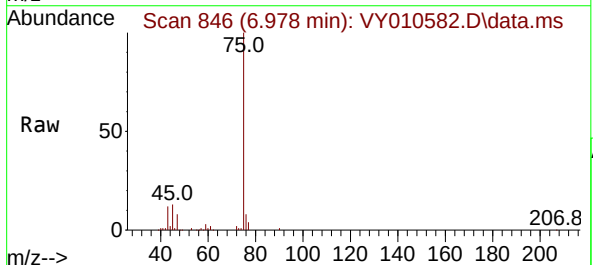


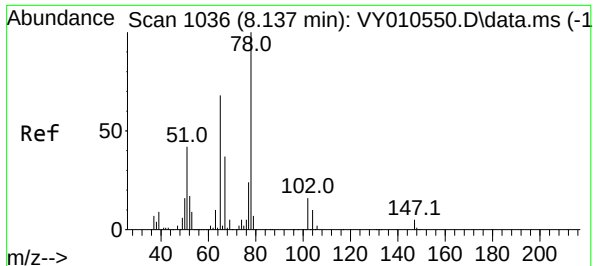
Tgt Ion:	84	Resp:	39352
Ion	Ratio	Lower	Upper
84	100		
49	108.1	114.4	171.6#
51	32.6	35.3	52.9#
86	59.2	53.7	80.5



#25
2-Butanone
Concen: 18.787 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY010582.D
Acq: 20 Sep 2022 17:57

Tgt Ion:	43	Resp:	10574
Ion	Ratio	Lower	Upper
43	100		
72	20.4	17.7	26.5





#33

1,2-Dichloroethane-d4

Concen: 59.314 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.001 min

Lab File: VY010582.D

Acq: 20 Sep 2022 17:57

Instrument :

MSVOA_Y

ClientSampleId :

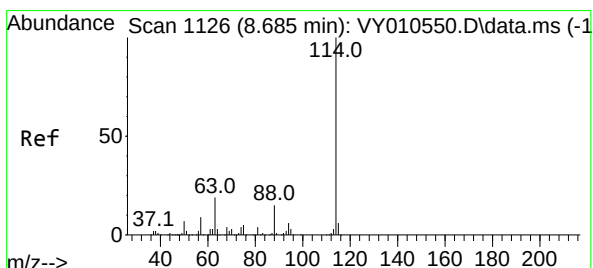
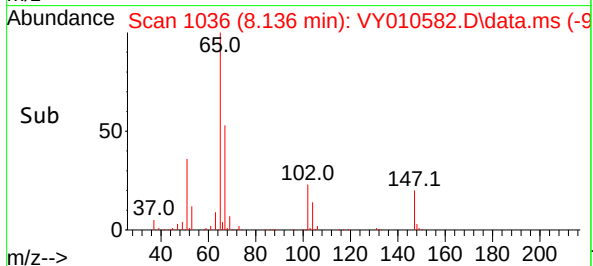
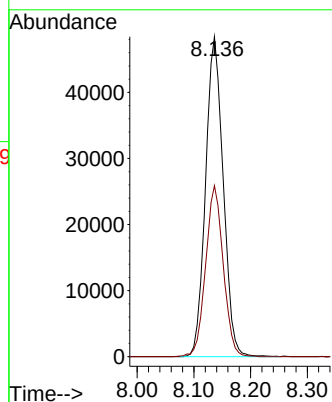
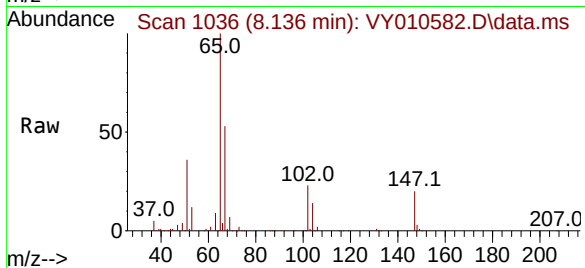
SB-21-6.5-7.0

Tgt Ion: 65 Resp: 104661

Ion Ratio Lower Upper

65 100

67 53.3 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY010582.D

Acq: 20 Sep 2022 17:57

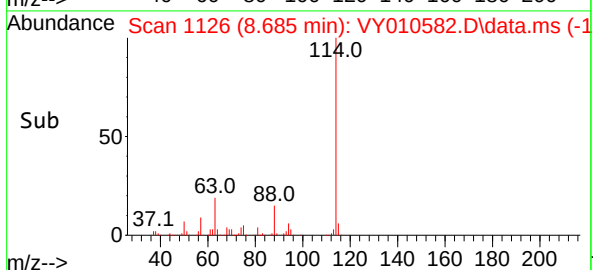
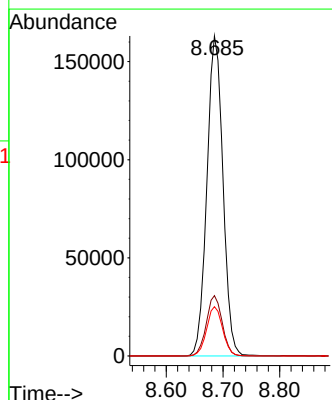
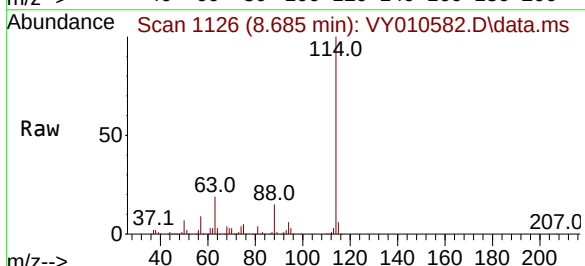
Tgt Ion: 114 Resp: 320419

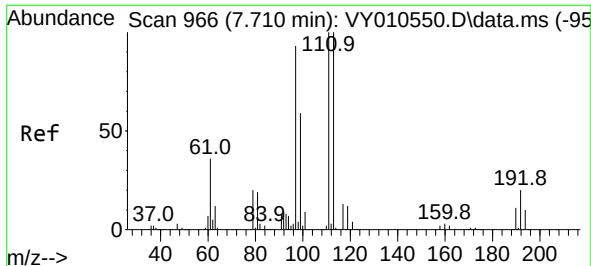
Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 15.4 0.0 31.8

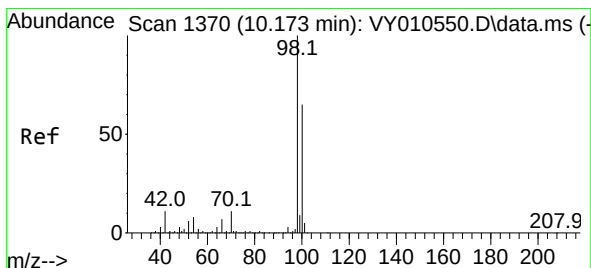
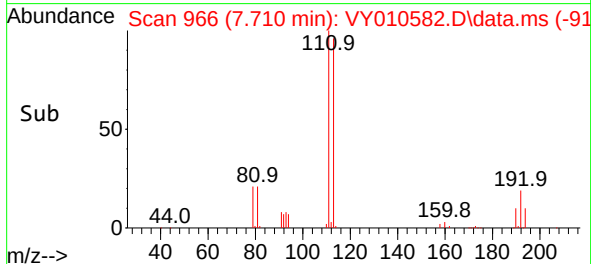
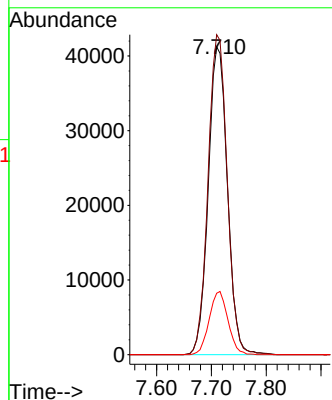
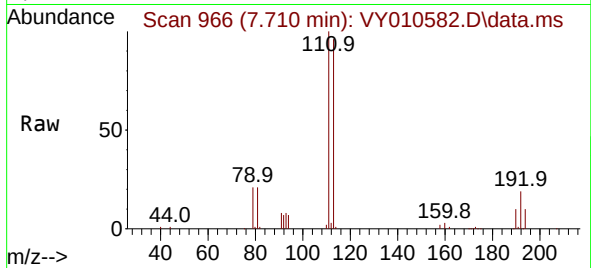




#35
Dibromofluoromethane
Concen: 48.956 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY010582.D
Acq: 20 Sep 2022 17:57

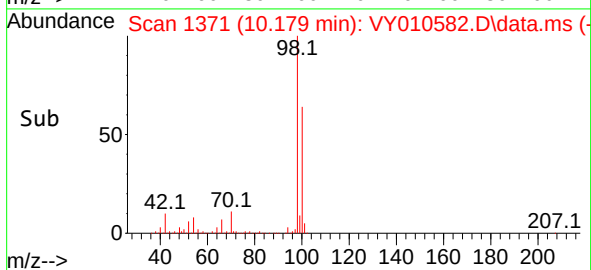
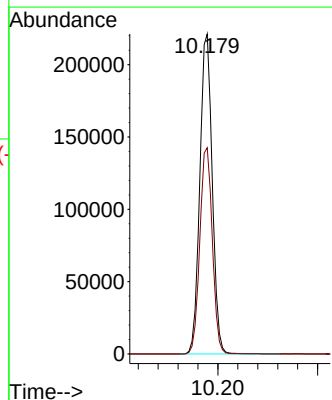
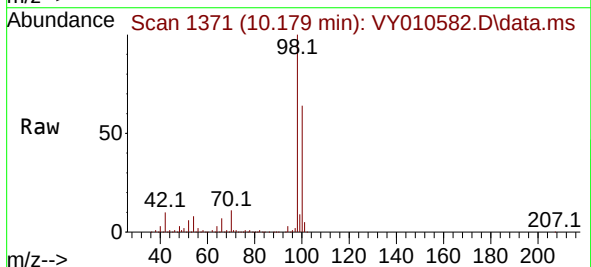
Instrument :
MSVOA_Y
ClientSampleId :
SB-21-6.5-7.0

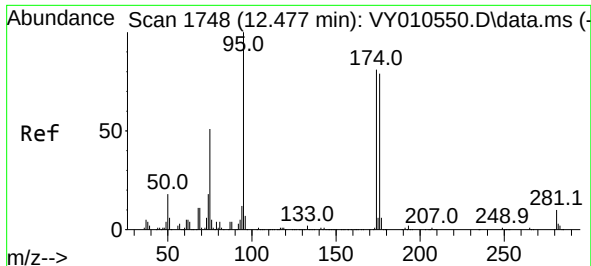
Tgt Ion:113 Resp: 100111
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 20.1 17.6 26.4



#50
Toluene-d8
Concen: 50.413 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010582.D
Acq: 20 Sep 2022 17:57

Tgt Ion: 98 Resp: 381207
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2

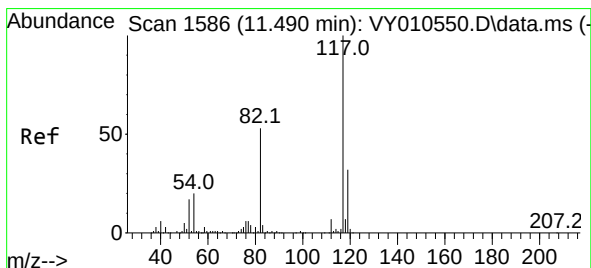
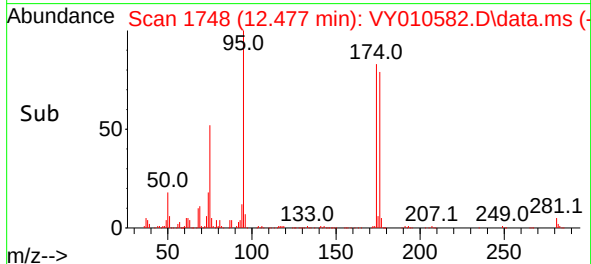
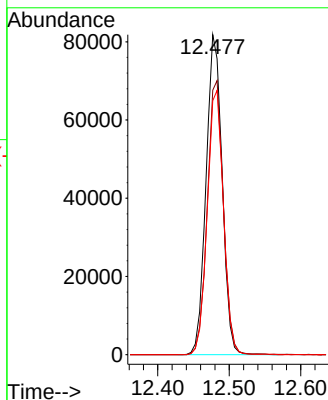
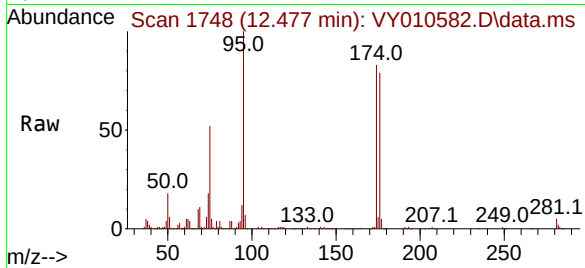




#62
4-Bromofluorobenzene
Concen: 45.217 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010582.D
Acq: 20 Sep 2022 17:57

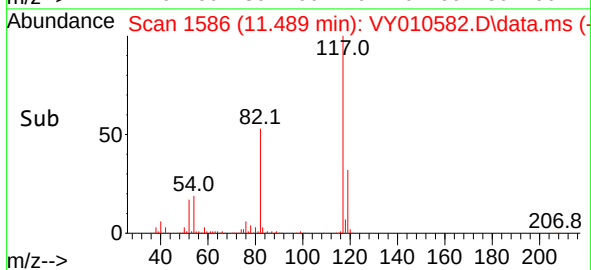
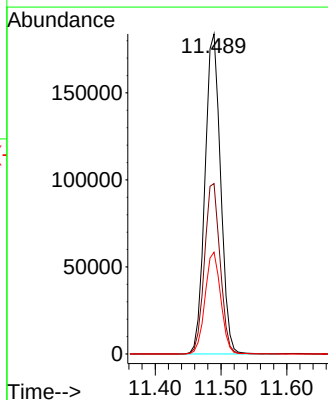
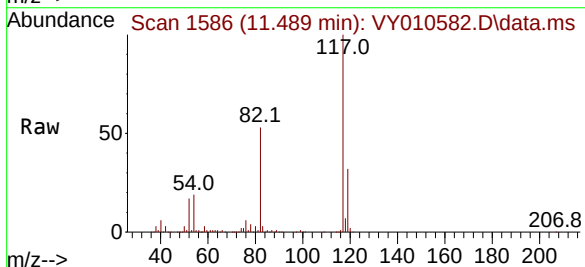
Instrument :
MSVOA_Y
ClientSampleId :
SB-21-6.5-7.0

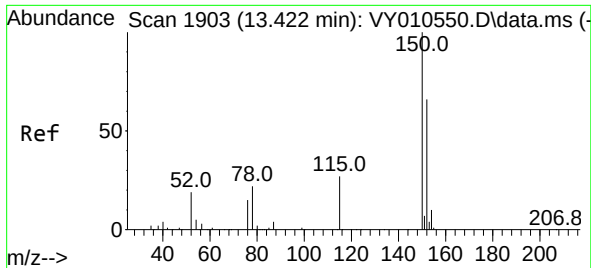
Tgt Ion: 95 Resp: 127549
Ion Ratio Lower Upper
95 100
174 85.7 0.0 177.0
176 83.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010582.D
Acq: 20 Sep 2022 17:57

Tgt Ion: 117 Resp: 303769
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.4
119 31.8 25.4 38.0

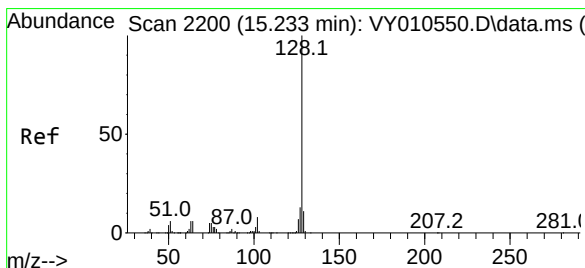
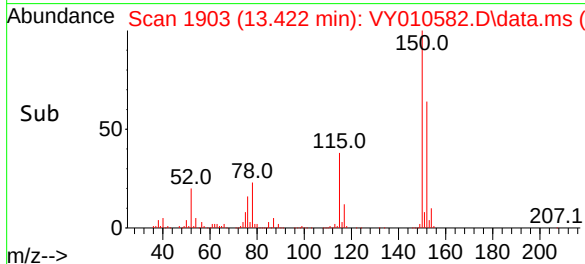
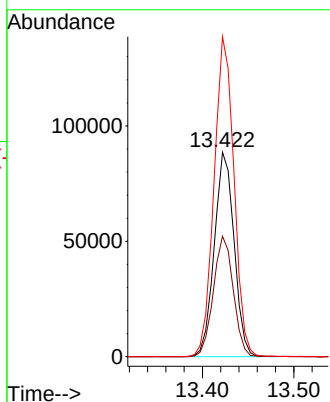
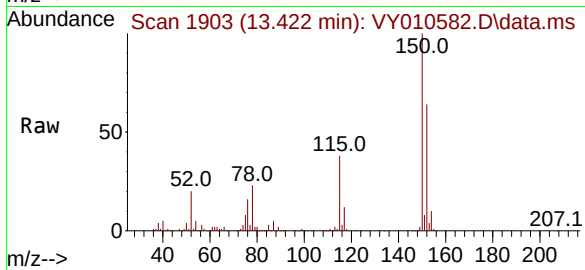




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY010582.D
Acq: 20 Sep 2022 17:57

Instrument :
MSVOA_Y
ClientSampleId :
SB-21-6.5-7.0

Tgt Ion:152 Resp: 133546
Ion Ratio Lower Upper
152 100
115 59.1 28.2 84.7
150 157.4 0.0 347.6



#95
Naphthalene
Concen: 1.362 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY010582.D
Acq: 20 Sep 2022 17:57

Tgt Ion:128 Resp: 5944
Ion Ratio Lower Upper
128 100
127 12.4 11.0 16.4
129 10.3 8.4 12.6

