

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072122\
 Data File : VY009641.D
 Acq On : 21 Jul 2022 18:24
 Operator : KP/MD
 Sample : N3815-01RE
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-190ERE

Quant Time: Jul 22 02:31:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

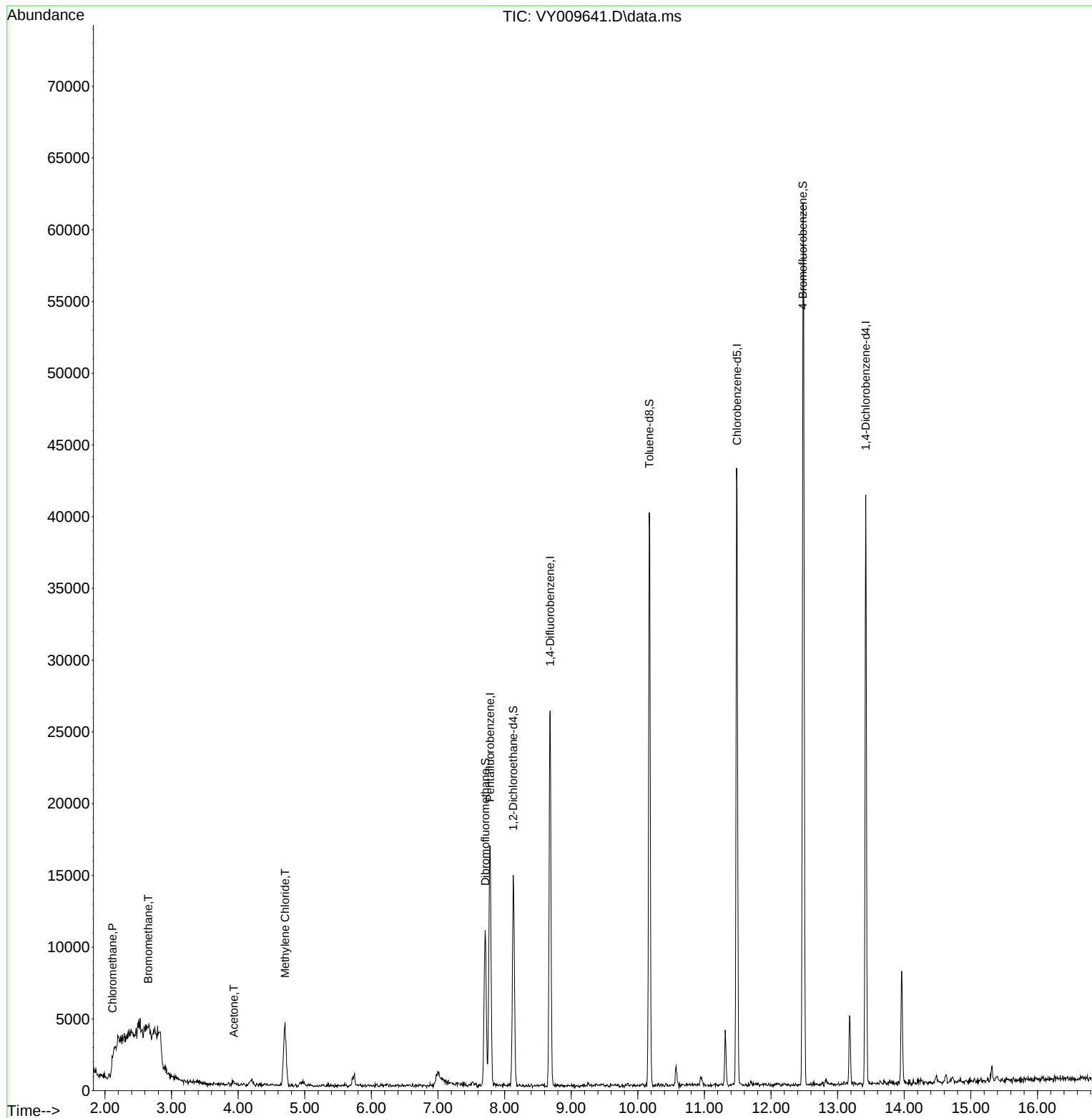
Internal Standards						
1) Pentafluorobenzene	7.783	168	14160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	23810	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	24999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	10860	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	11129	83.102	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 166.200%#	
35) Dibromofluoromethane	7.710	113	7720	51.466	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.940%	
50) Toluene-d8	10.172	98	27938	48.449	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 96.900%	
62) 4-Bromofluorobenzene	12.477	95	9166	49.055	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 98.100%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	300	1.629	ug/l	92
5) Bromomethane	2.649	94	343	2.632	ug/l #	78
16) Acetone	3.936	43	489	14.434	ug/l #	85
20) Methylene Chloride	4.704	84	3359	12.325	ug/l #	73

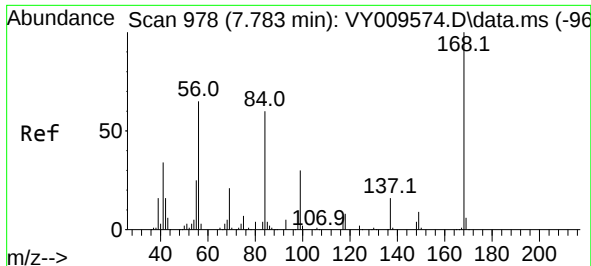
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072122\
Data File : VY009641.D
Acq On : 21 Jul 2022 18:24
Operator : KP/MD
Sample : N3815-01RE
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MH-190ERE

Quant Time: Jul 22 02:31:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 19 04:22:09 2022
Response via : Initial Calibration

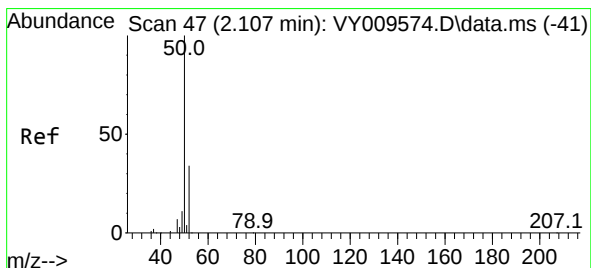
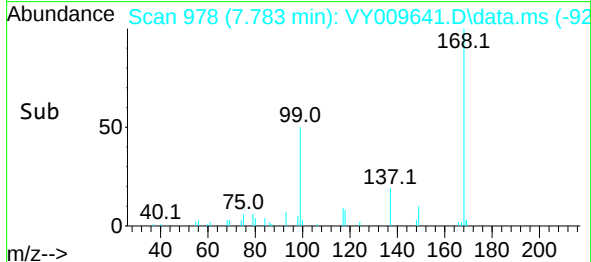
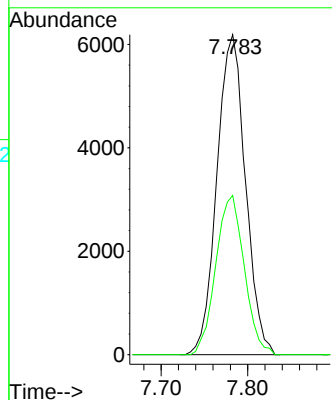
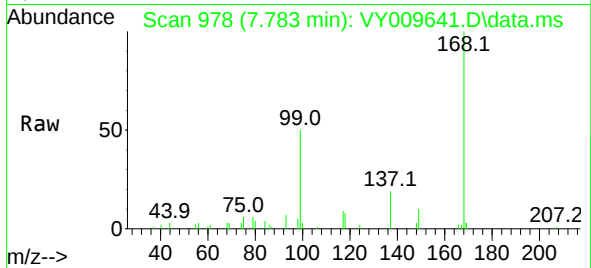




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009641.D
Acq: 21 Jul 2022 18:24

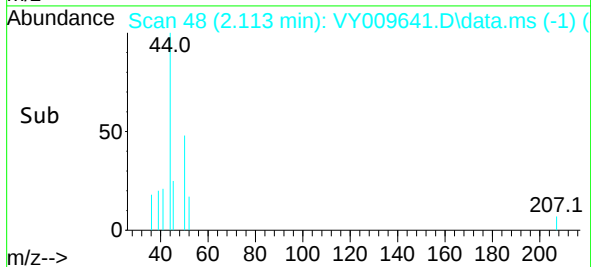
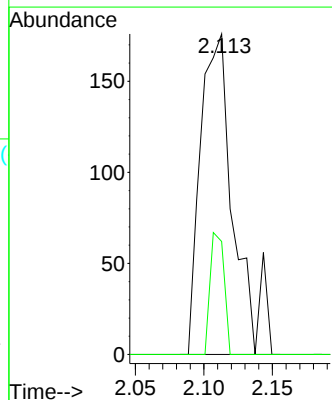
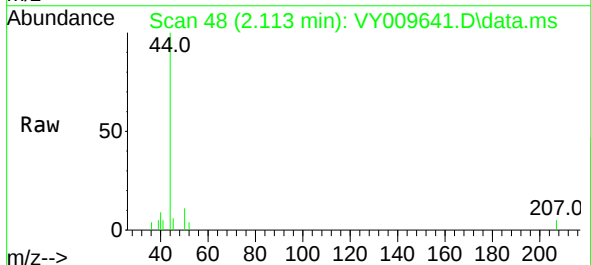
Instrument :
MSVOA_Y
ClientSampleId :
MH-190ERE

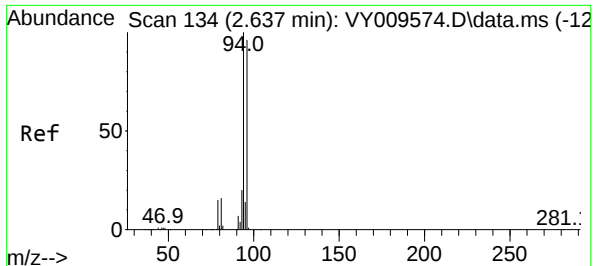
Tgt Ion:168 Resp: 14160
Ion Ratio Lower Upper
168 100
99 49.7 46.9 70.3



#3
Chloromethane
Concen: 1.629 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY009641.D
Acq: 21 Jul 2022 18:24

Tgt Ion: 50 Resp: 300
Ion Ratio Lower Upper
50 100
52 35.2 24.6 37.0

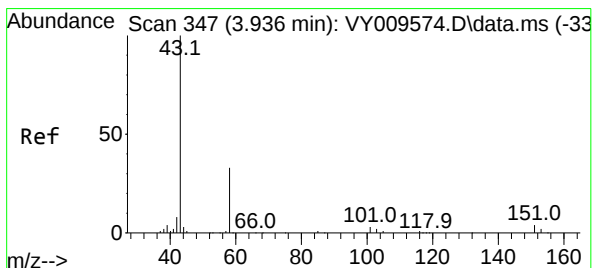
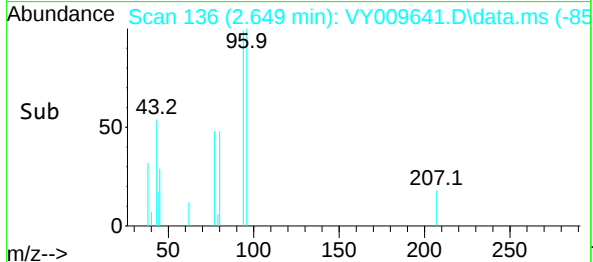
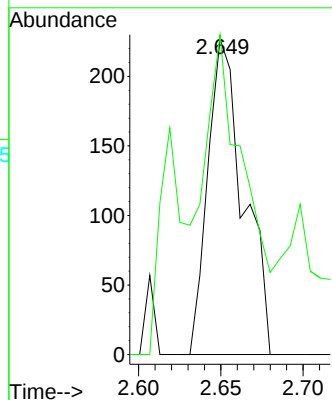
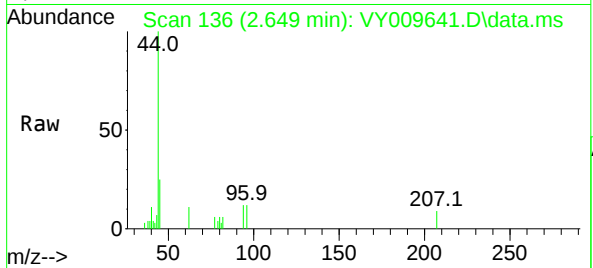




#5
Bromomethane
Concen: 2.632 ug/l
RT: 2.649 min Scan# 136
Delta R.T. 0.012 min
Lab File: VY009641.D
Acq: 21 Jul 2022 18:24

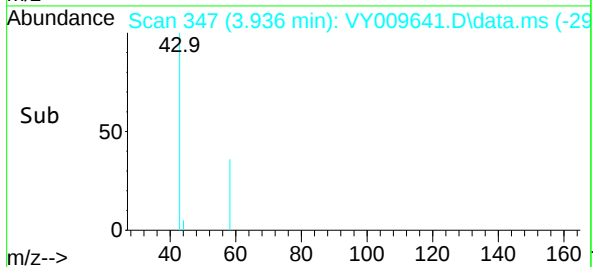
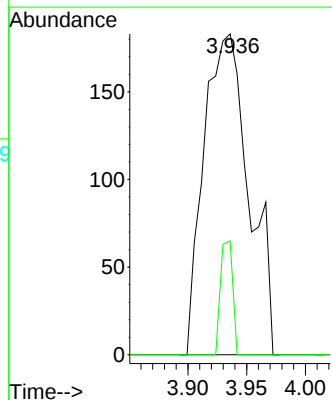
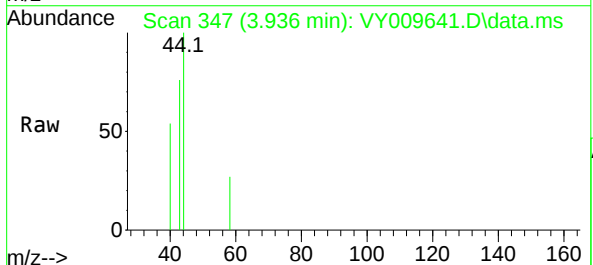
Instrument :
MSVOA_Y
ClientSampleId :
MH-190ERE

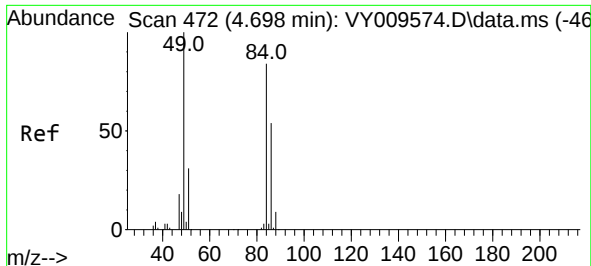
Tgt Ion: 94 Resp: 343
Ion Ratio Lower Upper
94 100
96 70.9 73.5 110.3#



#16
Acetone
Concen: 14.434 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009641.D
Acq: 21 Jul 2022 18:24

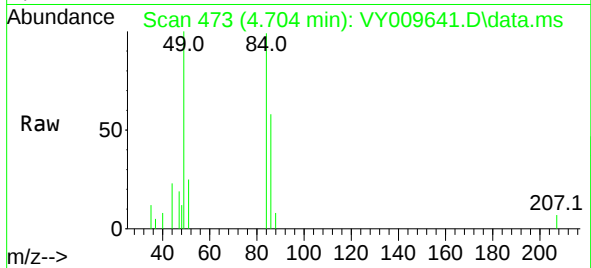
Tgt Ion: 43 Resp: 489
Ion Ratio Lower Upper
43 100
58 35.5 22.0 33.0#



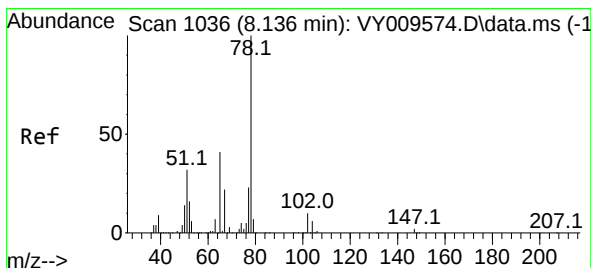
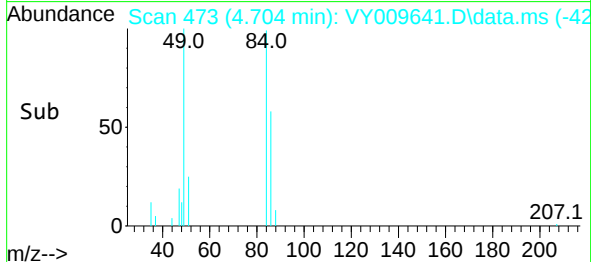
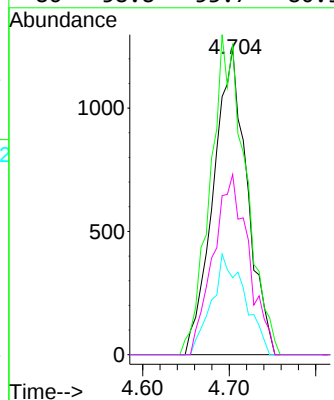


#20
Methylene Chloride
Concen: 12.325 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY009641.D
Acq: 21 Jul 2022 18:24

Instrument :
MSVOA_Y
ClientSampleId :
MH-190ERE

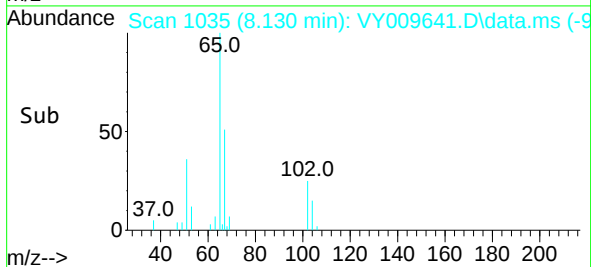
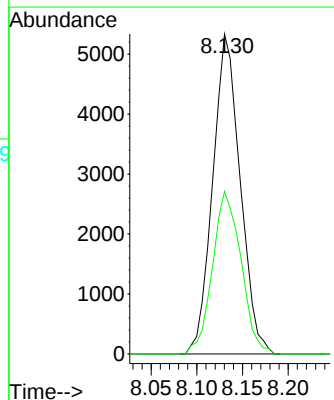
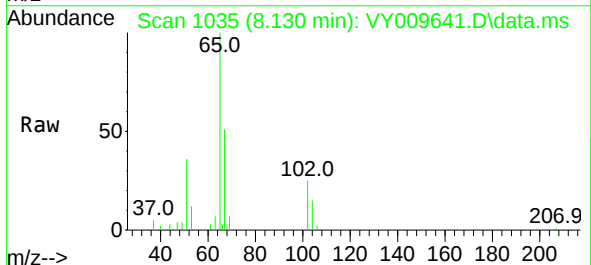


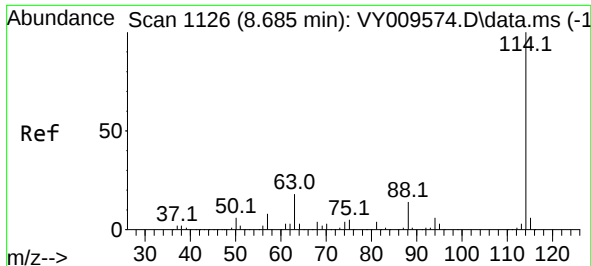
Tgt Ion: 84 Resp: 3359
Ion Ratio Lower Upper
84 100
49 101.4 114.4 171.6#
51 25.1 35.3 52.9#
86 58.8 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 83.102 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009641.D
Acq: 21 Jul 2022 18:24

Tgt Ion: 65 Resp: 11129
Ion Ratio Lower Upper
65 100
67 52.8 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: VY009641.D

Acq: 21 Jul 2022 18:24

Instrument :

MSVOA_Y

ClientSampleId :

MH-190ERE

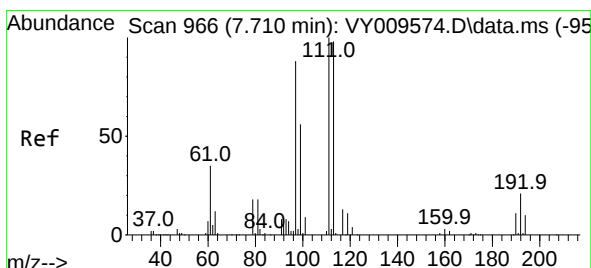
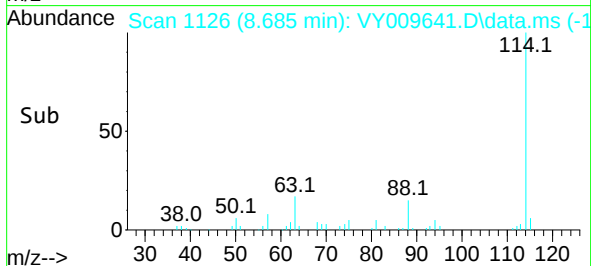
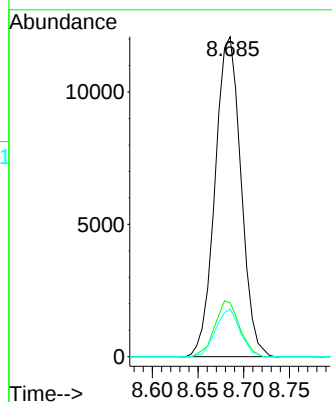
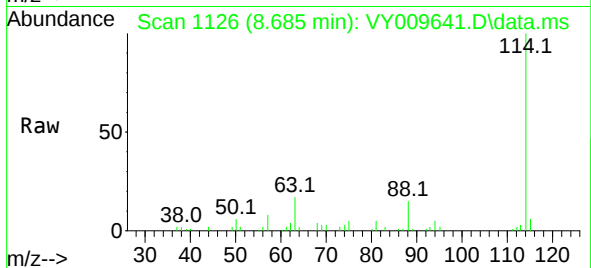
Tgt Ion:114 Resp: 23810

Ion Ratio Lower Upper

114 100

63 16.8 0.0 43.2

88 14.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.466 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009641.D

Acq: 21 Jul 2022 18:24

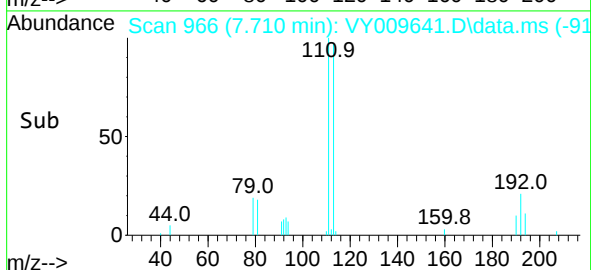
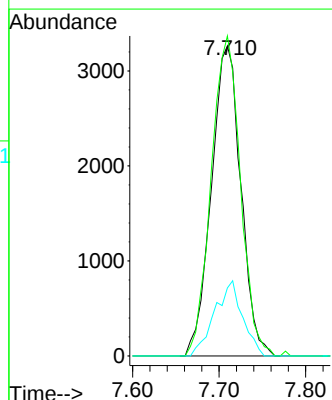
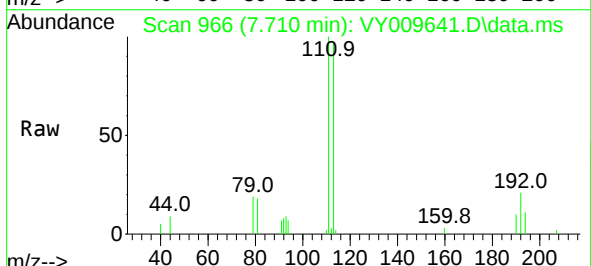
Tgt Ion:113 Resp: 7720

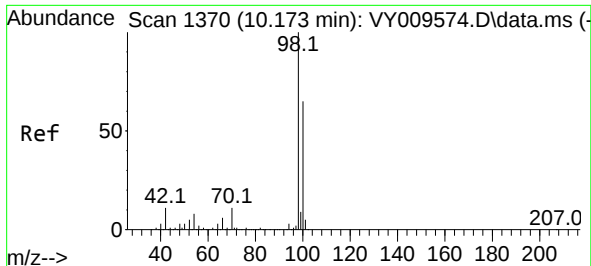
Ion Ratio Lower Upper

113 100

111 102.2 82.6 124.0

192 23.0 17.6 26.4

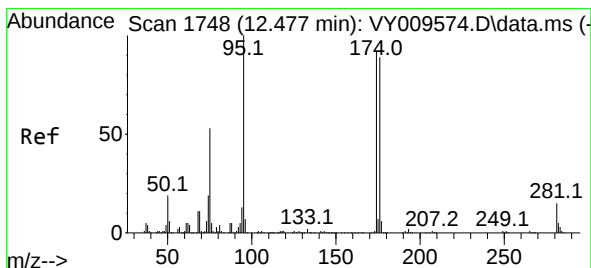
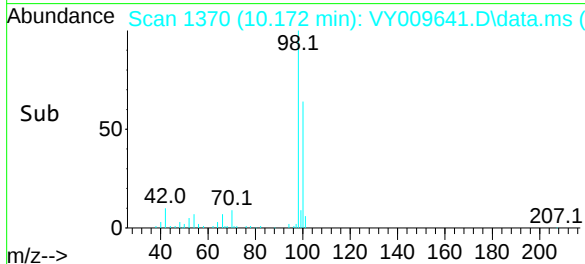
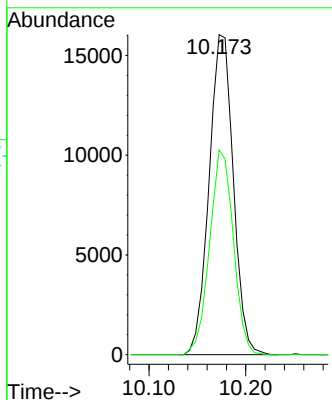
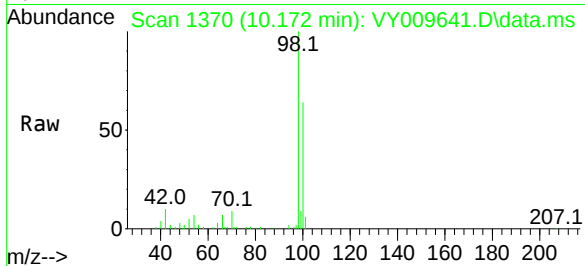




#50
Toluene-d8
Concen: 48.449 ug/l
RT: 10.172 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009641.D
Acq: 21 Jul 2022 18:24

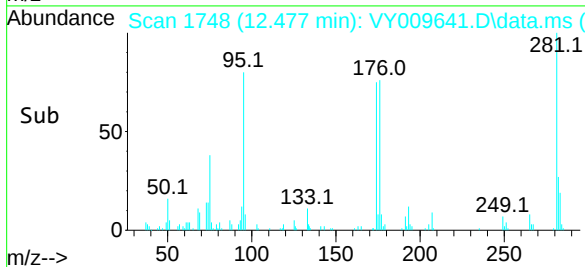
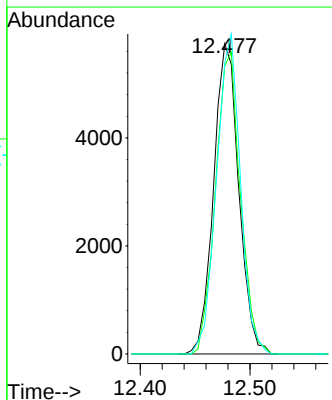
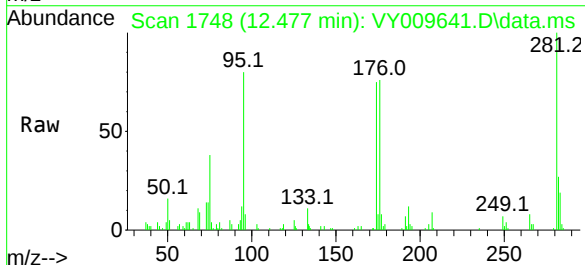
Instrument :
MSVOA_Y
ClientSampleId :
MH-190ERE

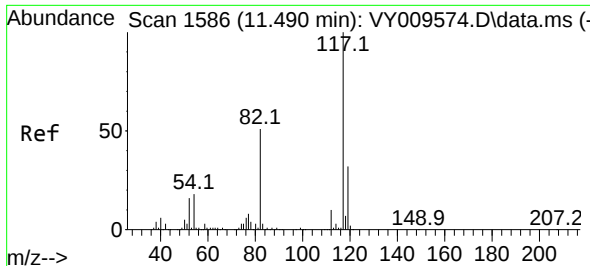
Tgt Ion: 98 Resp: 27938
Ion Ratio Lower Upper
98 100
100 62.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.055 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009641.D
Acq: 21 Jul 2022 18:24

Tgt Ion: 95 Resp: 9166
Ion Ratio Lower Upper
95 100
174 96.2 0.0 177.0
176 97.5 0.0 175.8

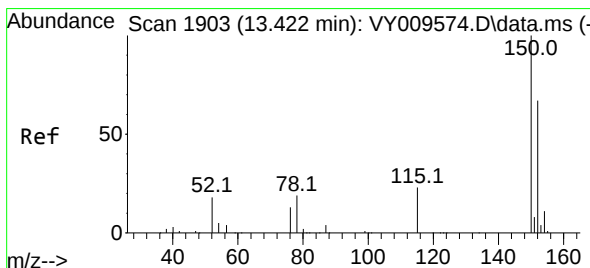
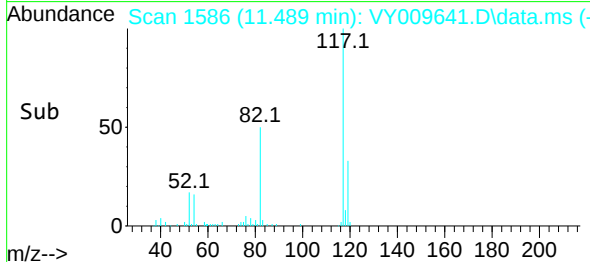
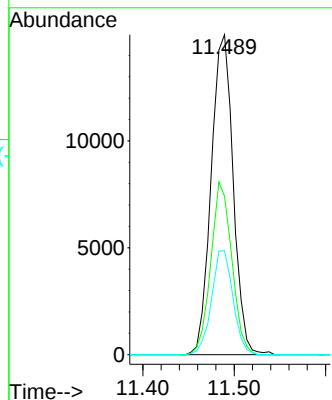
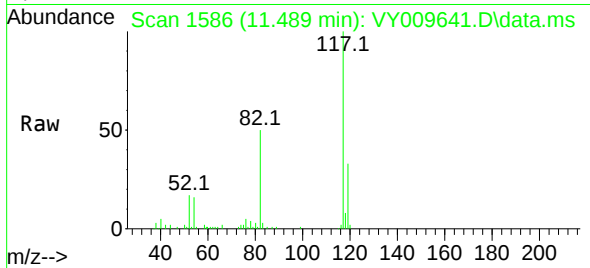




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009641.D
Acq: 21 Jul 2022 18:24

Instrument :
MSVOA_Y
ClientSampleId :
MH-190ERE

Tgt Ion:117	Resp:	24999
Ion Ratio	Lower	Upper
117	100	
82	49.5	43.0 64.4
119	32.5	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: VY009641.D
Acq: 21 Jul 2022 18:24

Tgt Ion:152	Resp:	10860
Ion Ratio	Lower	Upper
152	100	
115	52.2	28.2 84.7
150	161.7	0.0 347.6

