

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071222\
 Data File : VY009538.D
 Acq On : 12 Jul 2022 17:28
 Operator : KP/MD
 Sample : N3597-05
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220510-COMPOSITE-E

Quant Time: Jul 13 01:16:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 11:00:56 2022
 Response via : Initial Calibration

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

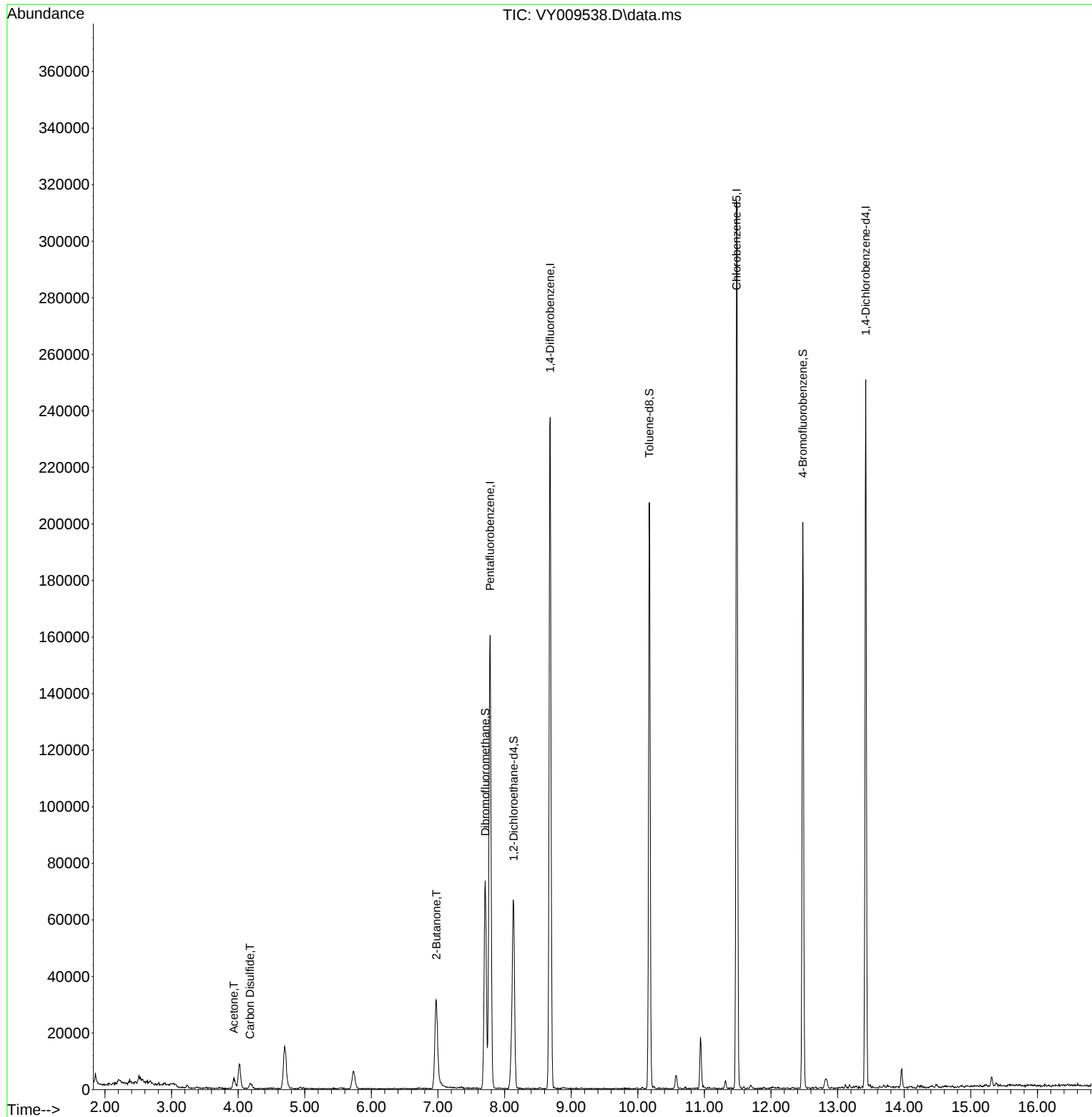
Internal Standards						
1) Pentafluorobenzene	7.783	168	128811	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	204034	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	168256	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	60889	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	47275	52.414	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.820%	
35) Dibromofluoromethane	7.710	113	51277	47.763	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.520%	
50) Toluene-d8	10.173	98	130889	43.395	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 86.780%	
62) 4-Bromofluorobenzene	12.477	95	56668	37.394	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 74.780%	
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	6267	20.000	ug/l #	65
17) Carbon Disulfide	4.180	76	2108	4.970	ug/l #	64
25) 2-Butanone	6.978	43	3567	7.037	ug/l #	79

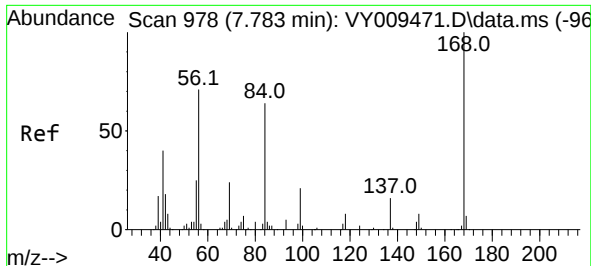
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071222\
Data File : VY009538.D
Acq On : 12 Jul 2022 17:28
Operator : KP/MD
Sample : N3597-05
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
20220510-COMPOSITE-E

Quant Time: Jul 13 01:16:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 08 11:00:56 2022
Response via : Initial Calibration

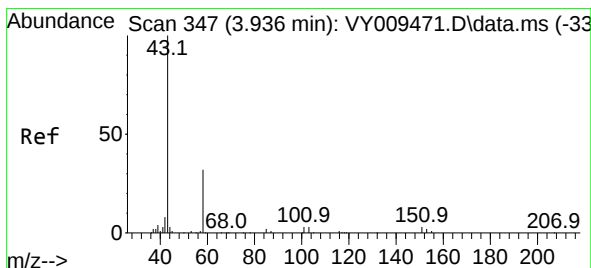
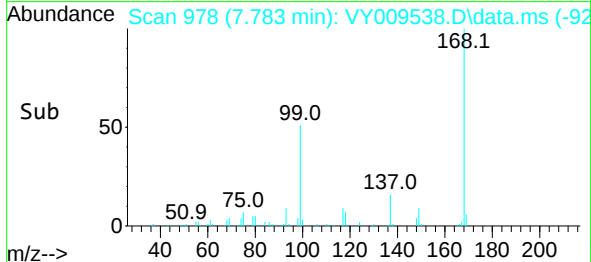
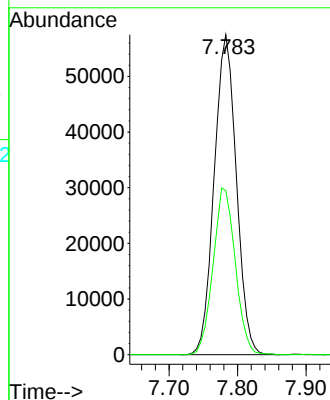
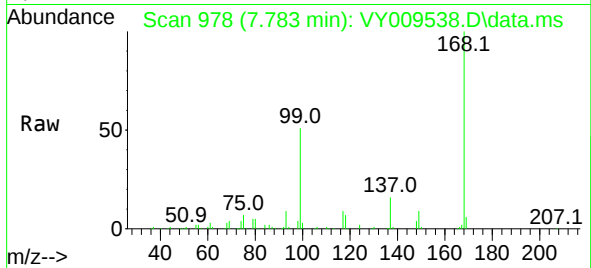




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009538.D
Acq: 12 Jul 2022 17:28

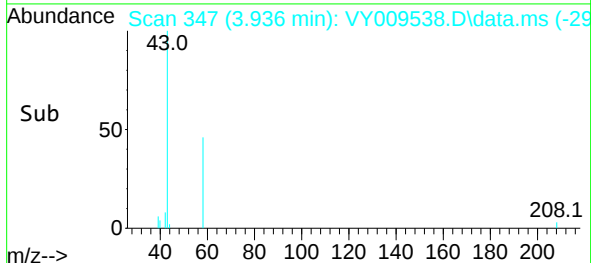
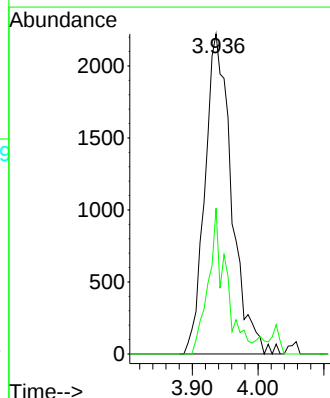
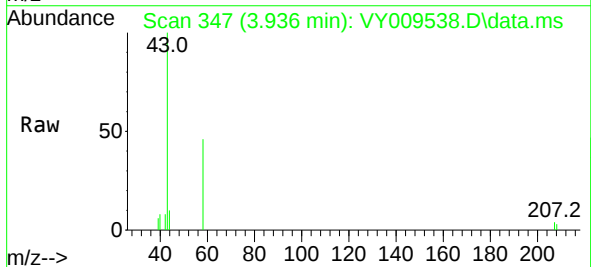
Instrument :
MSVOA_Y
ClientSampleId :
20220510-COMPOSITE-E

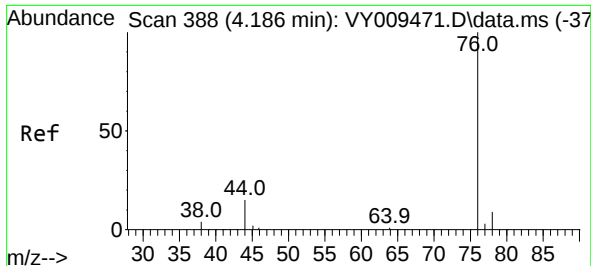
Tgt Ion:168 Resp: 128811
Ion Ratio Lower Upper
168 100
99 51.3 46.9 70.3



#16
Acetone
Concen: 20.000 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY009538.D
Acq: 12 Jul 2022 17:28

Tgt Ion: 43 Resp: 6267
Ion Ratio Lower Upper
43 100
58 45.5 22.0 33.0#

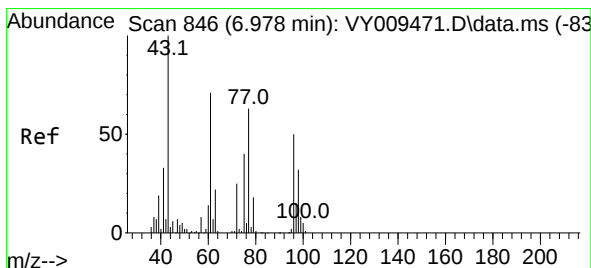
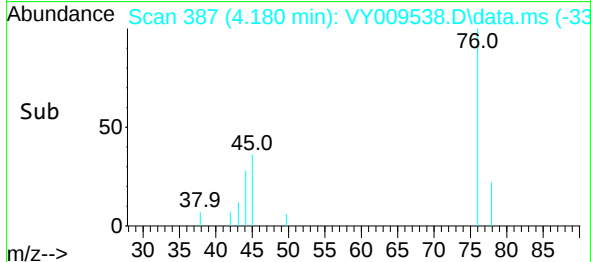
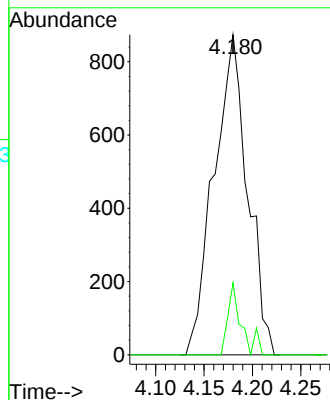
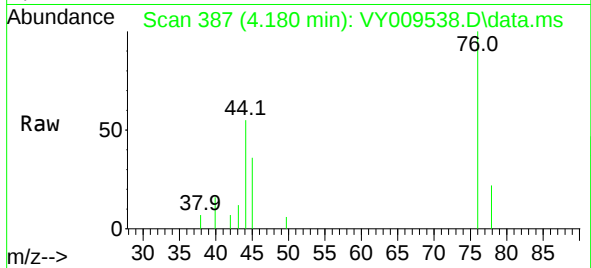




#17
Carbon Disulfide
Concen: 4.970 ug/l
RT: 4.180 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY009538.D
Acq: 12 Jul 2022 17:28

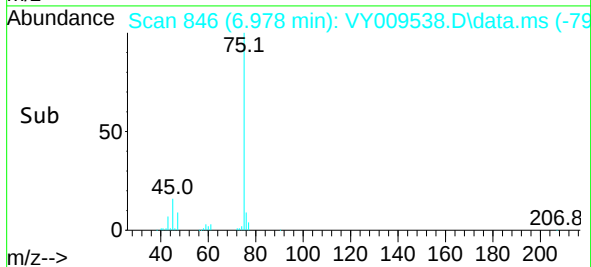
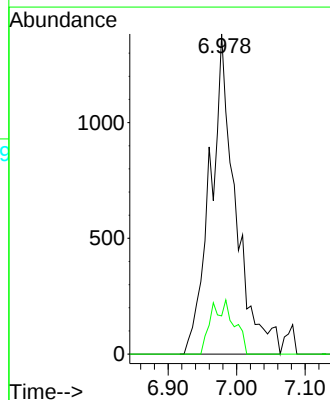
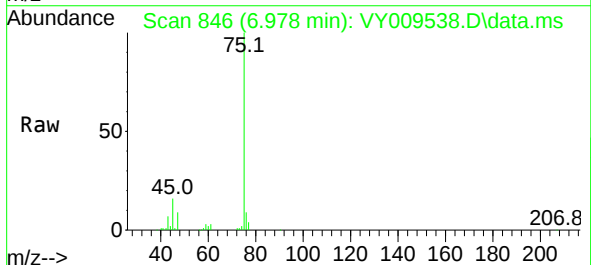
Instrument :
MSVOA_Y
ClientSampleId :
20220510-COMPOSITE-E

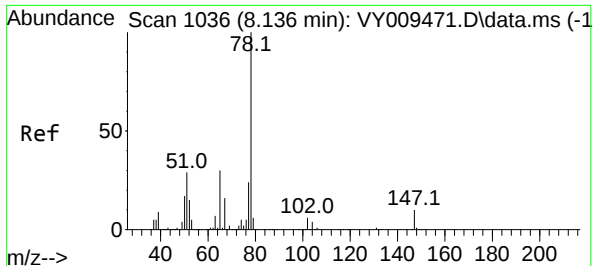
Tgt Ion: 76 Resp: 2108
Ion Ratio Lower Upper
76 100
78 22.4 7.4 11.0#



#25
2-Butanone
Concen: 7.037 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009538.D
Acq: 12 Jul 2022 17:28

Tgt Ion: 43 Resp: 3567
Ion Ratio Lower Upper
43 100
72 11.9 17.7 26.5#





#33

1,2-Dichloroethane-d4

Concen: 52.414 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009538.D

Acq: 12 Jul 2022 17:28

Instrument :

MSVOA_Y

ClientSampleId :

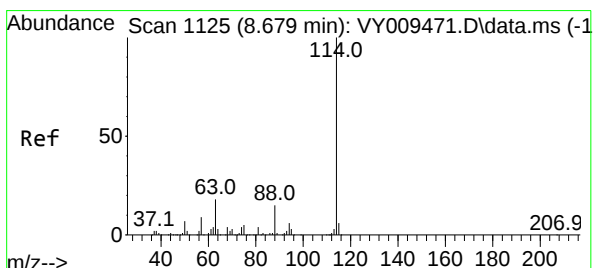
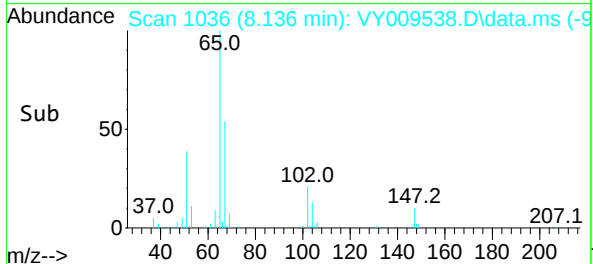
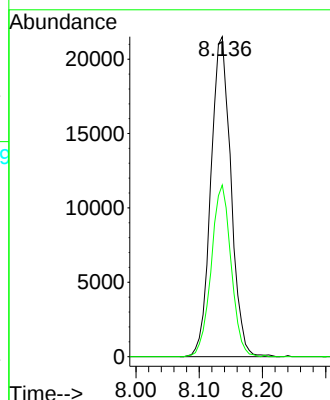
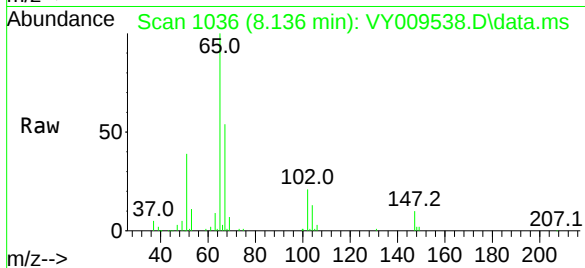
20220510-COMPOSITE-E

Tgt Ion: 65 Resp: 47275

Ion Ratio Lower Upper

65 100

67 53.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY009538.D

Acq: 12 Jul 2022 17:28

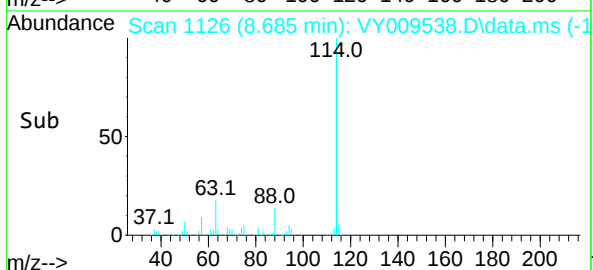
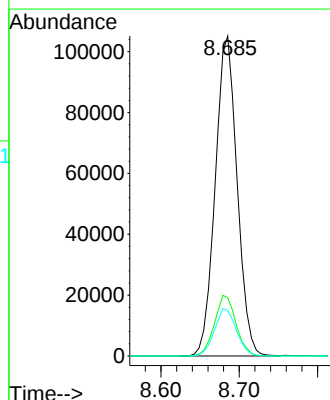
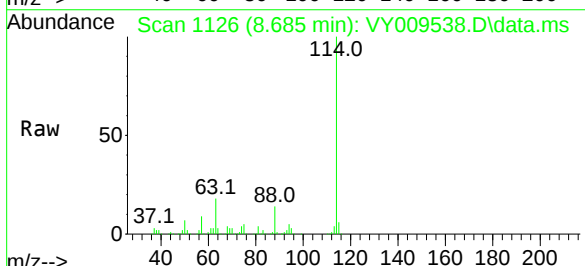
Tgt Ion: 114 Resp: 204034

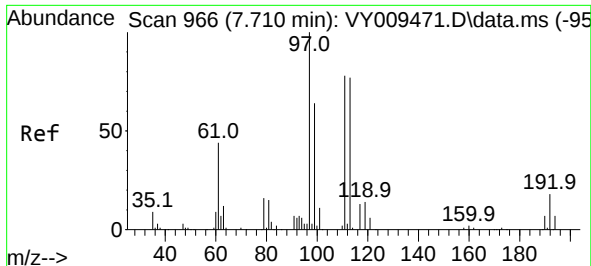
Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 14.2 0.0 31.8

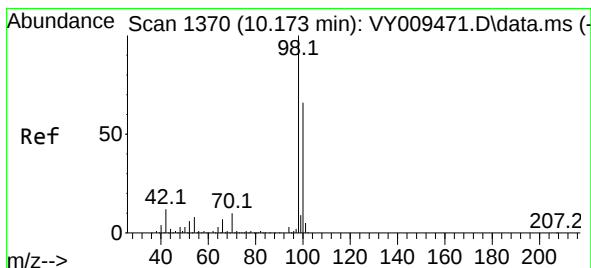
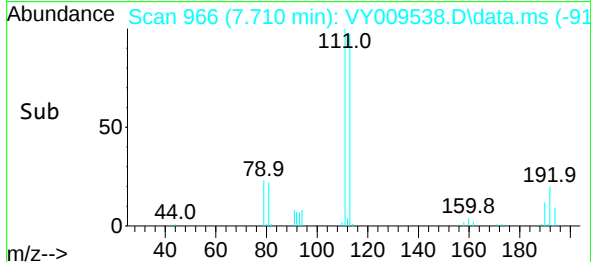
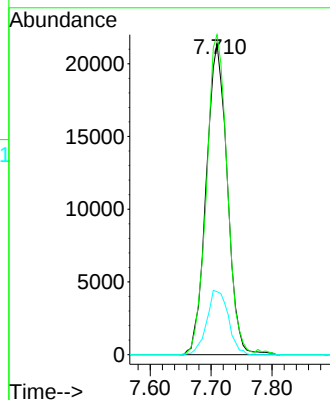
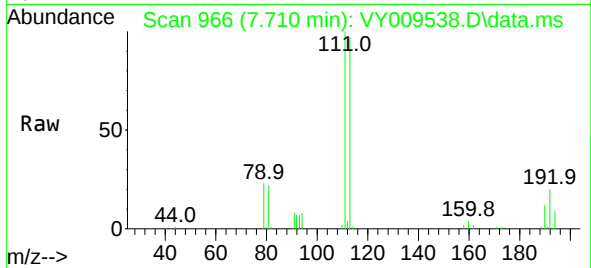




#35
Dibromofluoromethane
Concen: 47.763 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009538.D
Acq: 12 Jul 2022 17:28

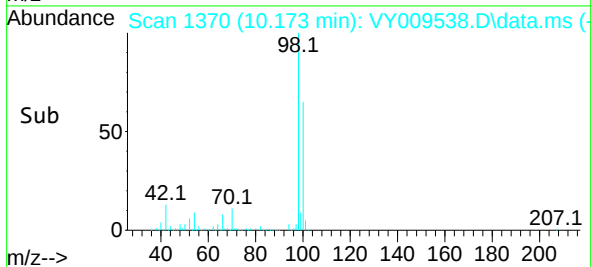
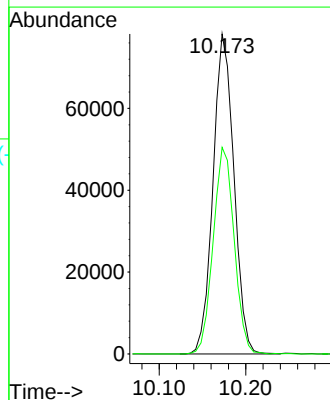
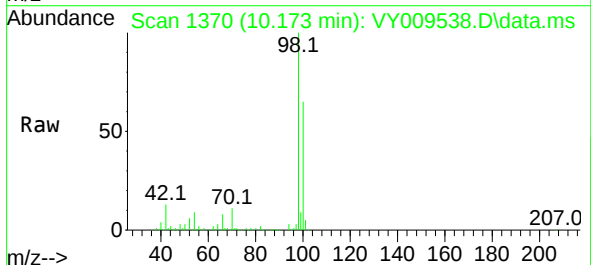
Instrument :
MSVOA_Y
ClientSampleId :
20220510-COMPOSITE-E

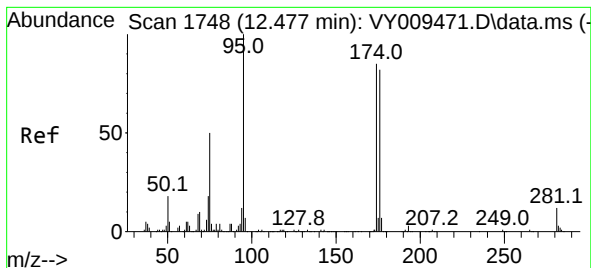
Tgt Ion:113 Resp: 51277
Ion Ratio Lower Upper
113 100
111 101.2 82.6 124.0
192 21.2 17.6 26.4



#50
Toluene-d8
Concen: 43.395 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009538.D
Acq: 12 Jul 2022 17:28

Tgt Ion: 98 Resp: 130889
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2

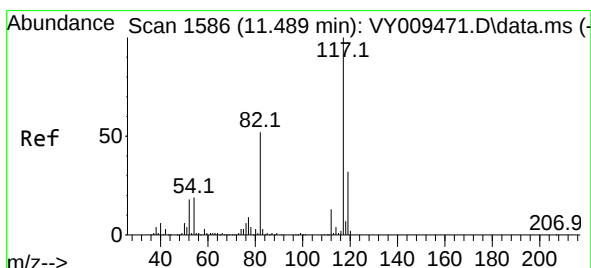
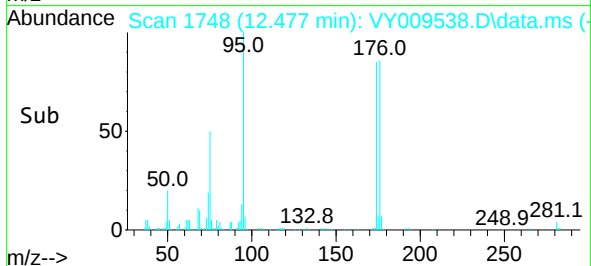
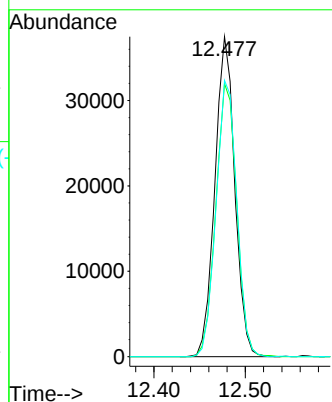
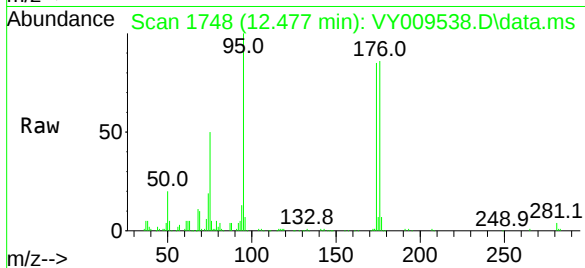




#62
4-Bromofluorobenzene
Concen: 37.394 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009538.D
Acq: 12 Jul 2022 17:28

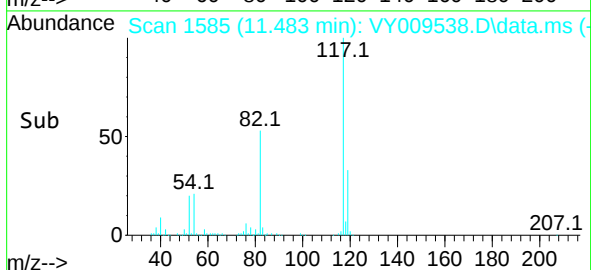
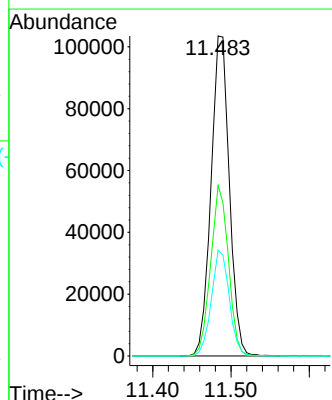
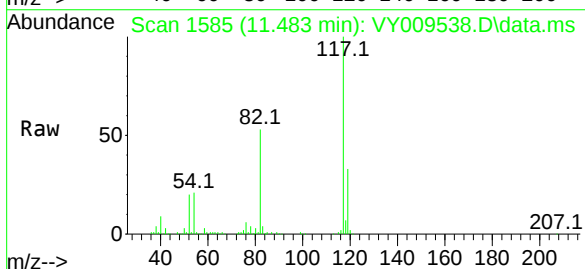
Instrument :
MSVOA_Y
ClientSampleId :
20220510-COMPOSITE-E

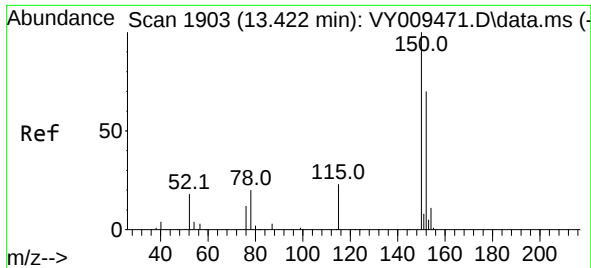
Tgt Ion: 95 Resp: 56668
Ion Ratio Lower Upper
95 100
174 89.7 0.0 177.0
176 89.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY009538.D
Acq: 12 Jul 2022 17:28

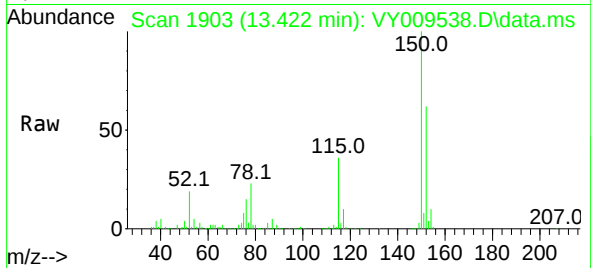
Tgt Ion: 117 Resp: 168256
Ion Ratio Lower Upper
117 100
82 53.3 43.0 64.4
119 33.1 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009538.D
 Acq: 12 Jul 2022 17:28

Instrument : MSVOA_Y
 ClientSampleId : 20220510-COMPOSITE-E



Tgt Ion:	152	Resp:	60889
Ion Ratio	Lower	Upper	
152	100		
115	56.0	28.2	84.7
150	158.0	0.0	347.6

