

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060622\
 Data File : VY009148.D
 Acq On : 06 Jun 2022 15:28
 Operator : KP/MD
 Sample : N3170-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220413-COMPOSITE-B

Quant Time: Jun 07 02:32:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

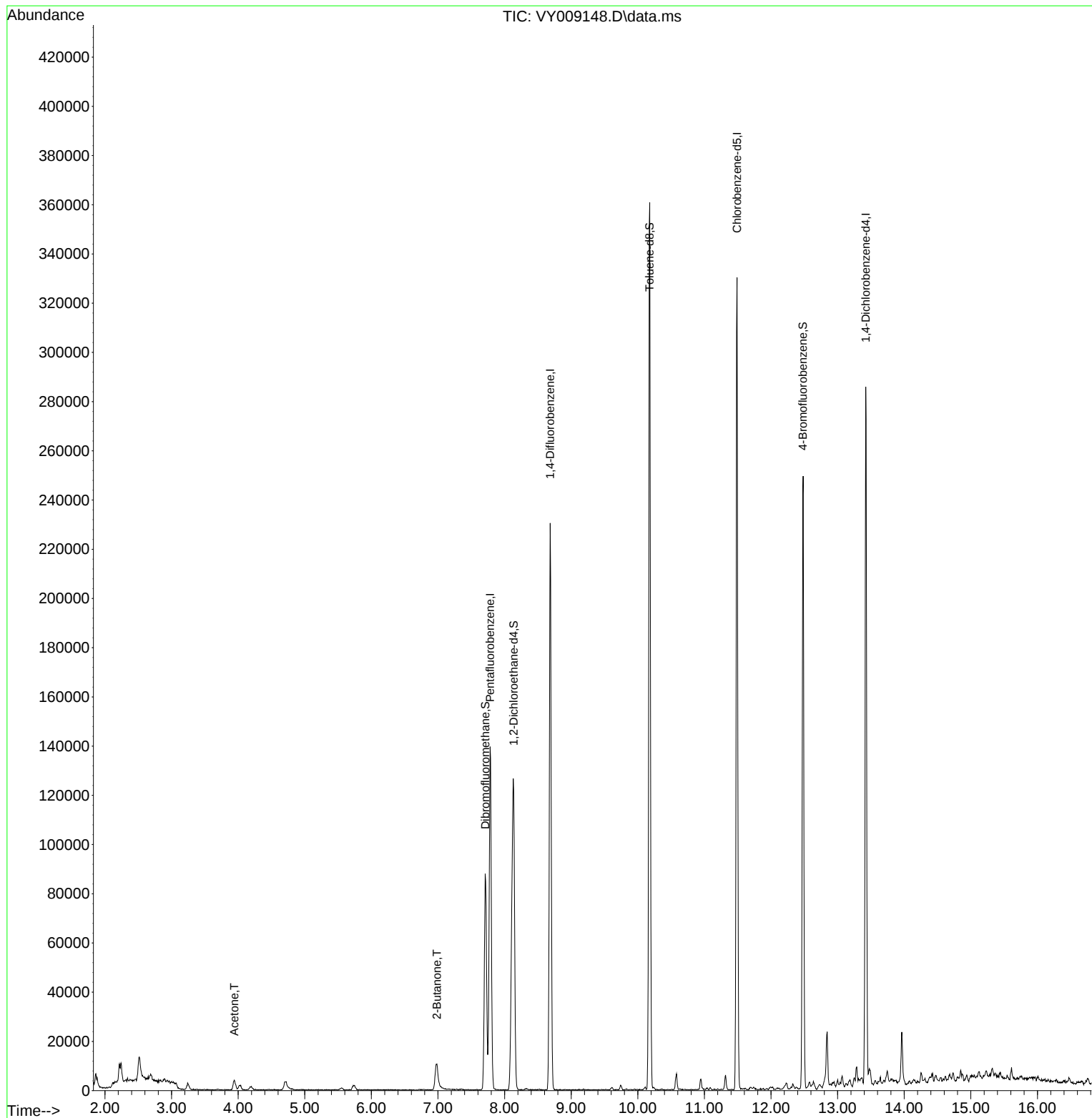
Internal Standards						
1) Pentafluorobenzene	7.783	168	106088	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	187780	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	166632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	67998	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	70994	65.022	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.040%	
35) Dibromofluoromethane	7.710	113	59770	51.186	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.380%	
50) Toluene-d8	10.179	98	228380	53.016	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.040%	
62) 4-Bromofluorobenzene	12.477	95	63161	36.347	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 72.700%	
Target Compounds						Qvalue
16) Acetone	3.942	43	6619	29.123	ug/l	93
25) 2-Butanone	6.984	43	2851	7.023	ug/l	96

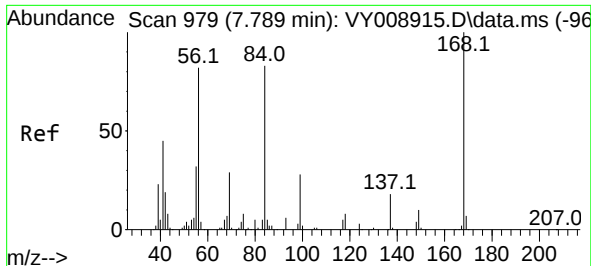
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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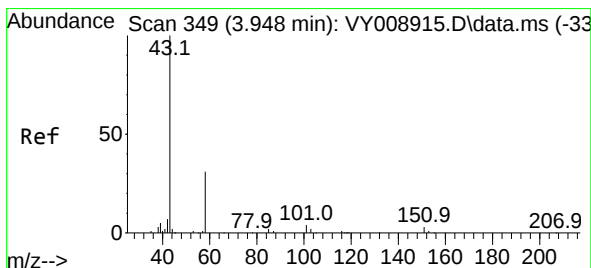
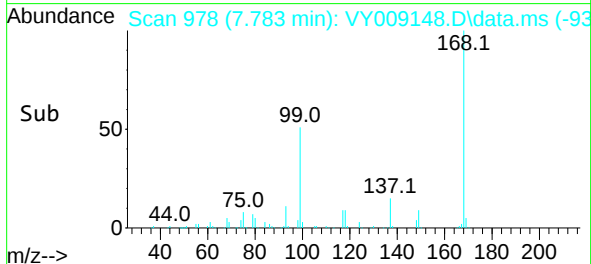
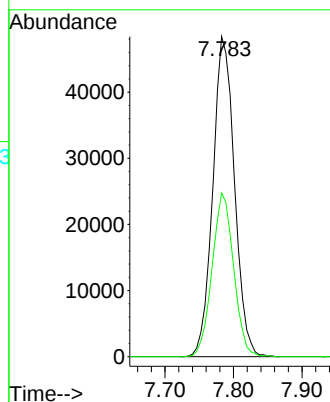
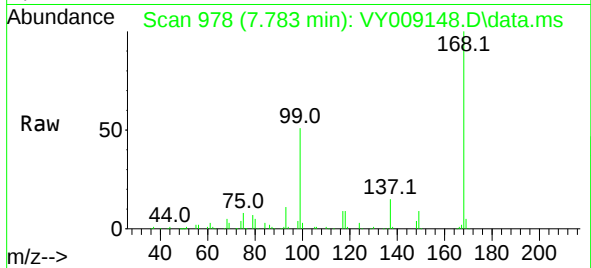




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009148.D
Acq: 06 Jun 2022 15:28

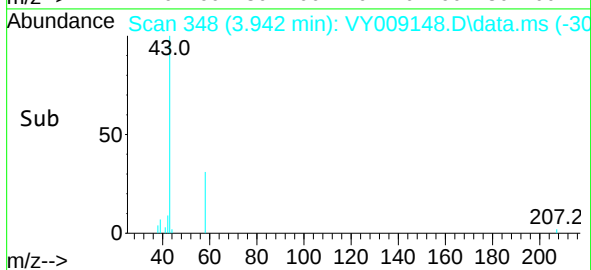
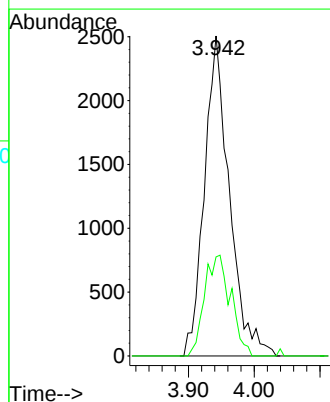
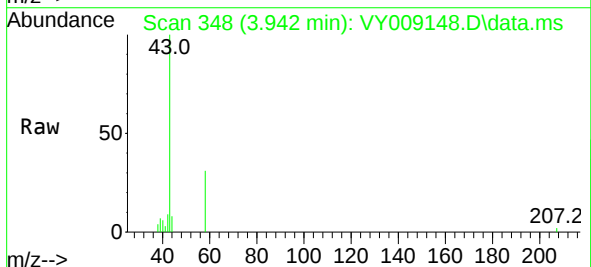
Instrument :
MSVOA_Y
ClientSampleId :
20220413-COMPOSITE-B

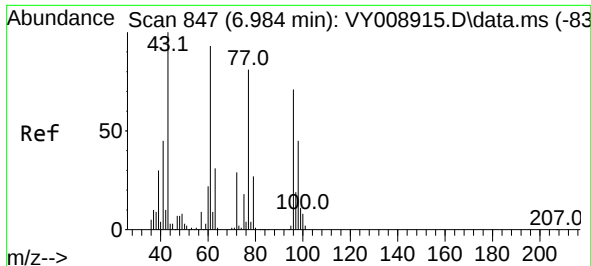
Tgt Ion:168 Resp: 106088
Ion Ratio Lower Upper
168 100
99 51.1 46.9 70.3



#16
Acetone
Concen: 29.123 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY009148.D
Acq: 06 Jun 2022 15:28

Tgt Ion: 43 Resp: 6619
Ion Ratio Lower Upper
43 100
58 31.0 22.0 33.0

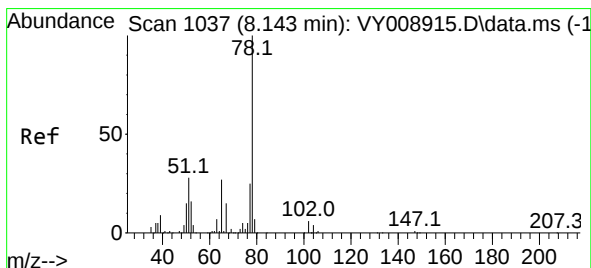
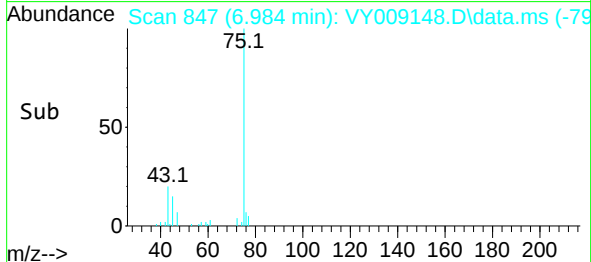
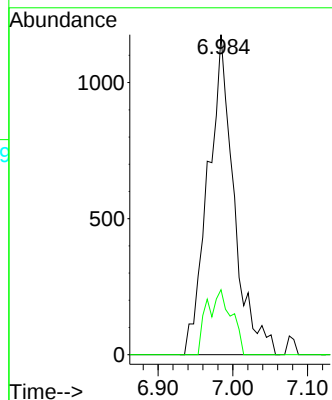
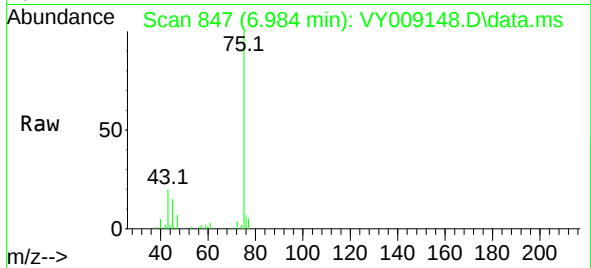




#25
2-Butanone
Concen: 7.023 ug/l
RT: 6.984 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY009148.D
Acq: 06 Jun 2022 15:28

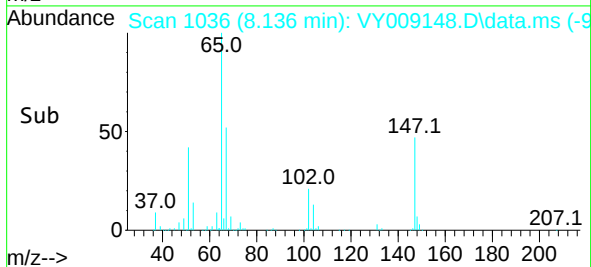
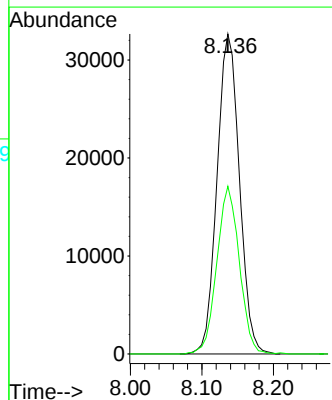
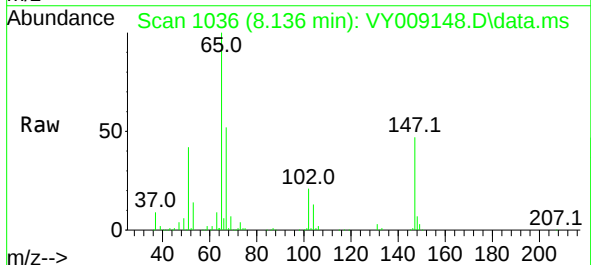
Instrument :
MSVOA_Y
ClientSampleId :
20220413-COMPOSITE-B

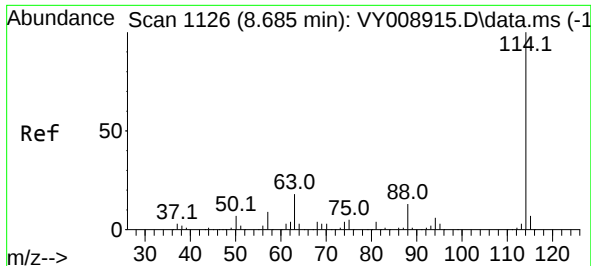
Tgt Ion: 43 Resp: 2851
Ion Ratio Lower Upper
43 100
72 20.3 17.7 26.5



#33
1,2-Dichloroethane-d4
Concen: 65.022 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY009148.D
Acq: 06 Jun 2022 15:28

Tgt Ion: 65 Resp: 70994
Ion Ratio Lower Upper
65 100
67 52.7 0.0 99.4

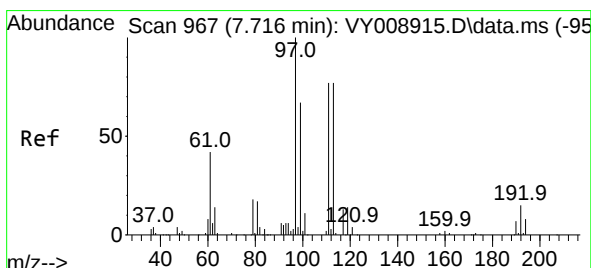
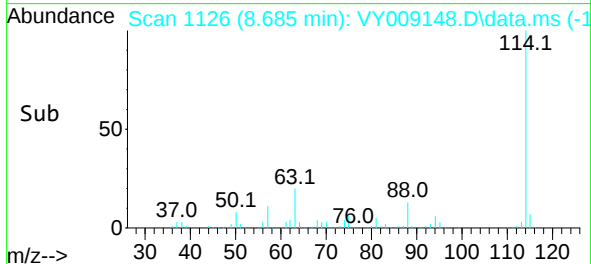
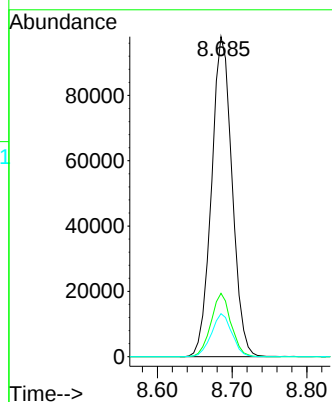
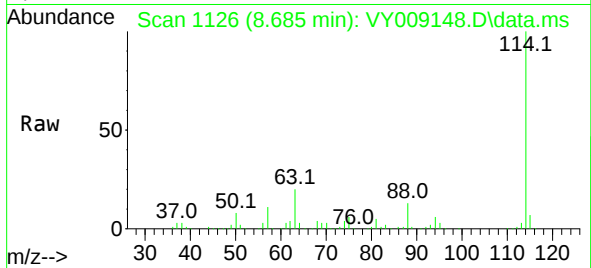




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY009148.D
Acq: 06 Jun 2022 15:28

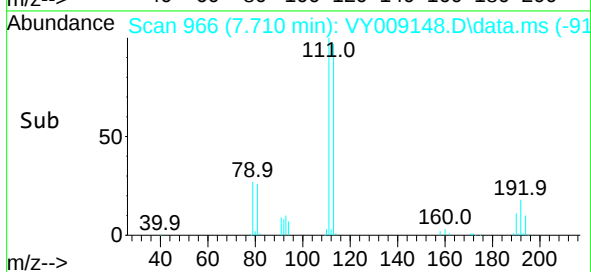
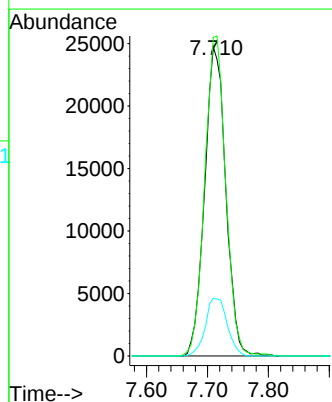
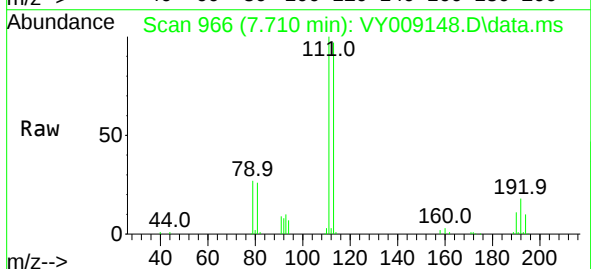
Instrument :
MSVOA_Y
ClientSampleId :
20220413-COMPOSITE-B

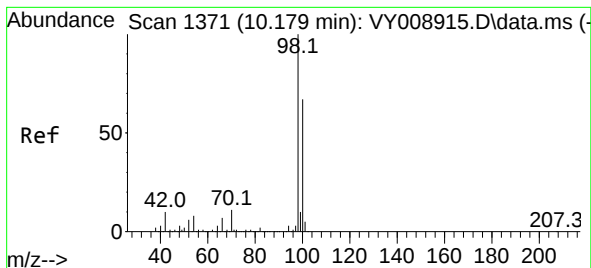
Tgt Ion:114 Resp: 187780
Ion Ratio Lower Upper
114 100
63 19.8 0.0 43.2
88 13.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 51.186 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY009148.D
Acq: 06 Jun 2022 15:28

Tgt Ion:113 Resp: 59770
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 19.2 17.6 26.4





#50

Toluene-d8

Concen: 53.016 ug/l

RT: 10.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009148.D

Acq: 06 Jun 2022 15:28

Instrument :

MSVOA_Y

ClientSampleId :

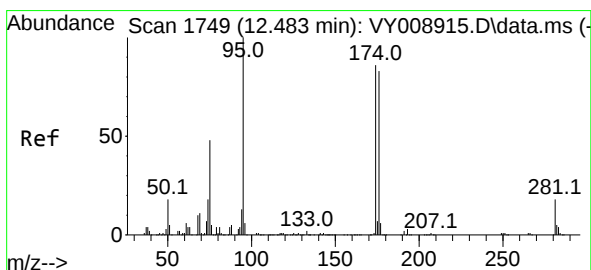
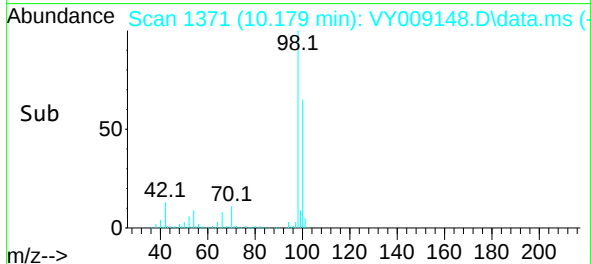
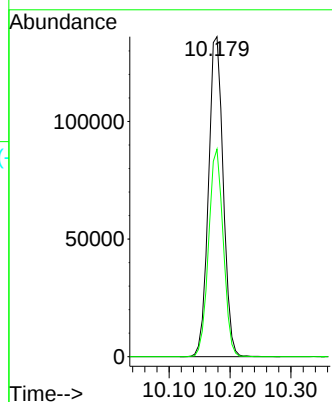
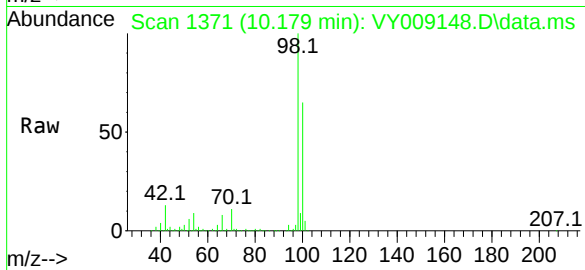
20220413-COMPOSITE-B

Tgt Ion: 98 Resp: 228380

Ion Ratio Lower Upper

98 100

100 64.6 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 36.347 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY009148.D

Acq: 06 Jun 2022 15:28

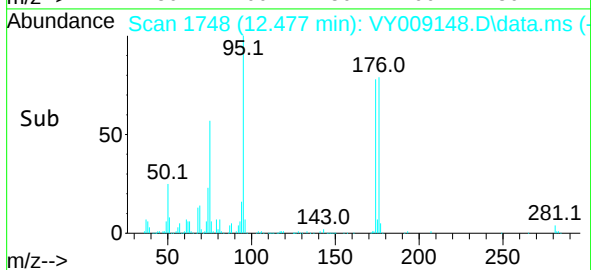
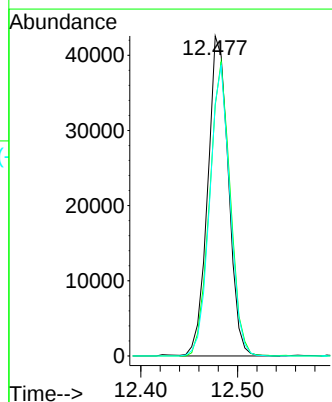
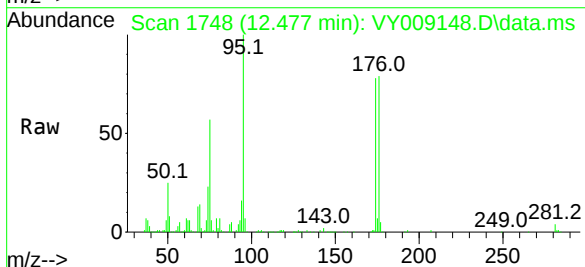
Tgt Ion: 95 Resp: 63161

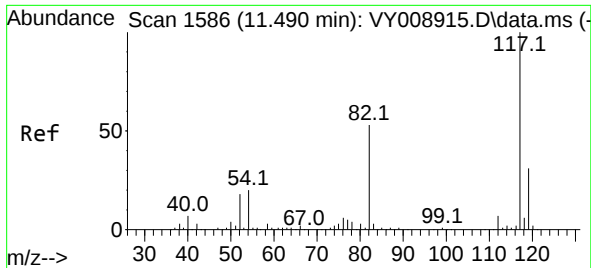
Ion Ratio Lower Upper

95 100

174 91.9 0.0 177.0

176 89.0 0.0 175.8

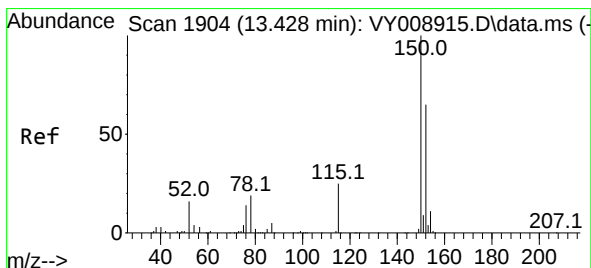
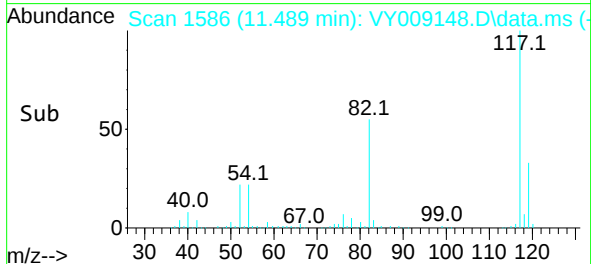
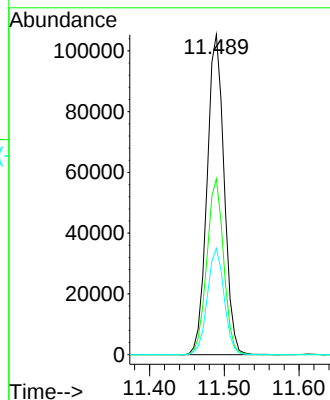
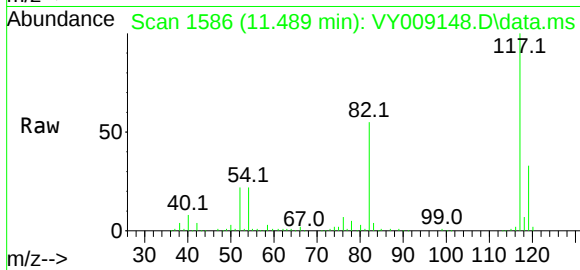




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009148.D
Acq: 06 Jun 2022 15:28

Instrument :
MSVOA_Y
ClientSampleId :
20220413-COMPOSITE-B

Tgt Ion:117 Resp: 166632
Ion Ratio Lower Upper
117 100
82 54.9 43.0 64.4
119 33.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY009148.D
Acq: 06 Jun 2022 15:28

Tgt Ion:152 Resp: 67998
Ion Ratio Lower Upper
152 100
115 53.9 28.2 84.7
150 158.6 0.0 347.6

