

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060622\
 Data File : VY009155.D
 Acq On : 06 Jun 2022 18:12
 Operator : KP/MD
 Sample : N3170-03
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220422-AMENDED-COMPOSITE-B

Quant Time: Jun 07 02:33:34 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)

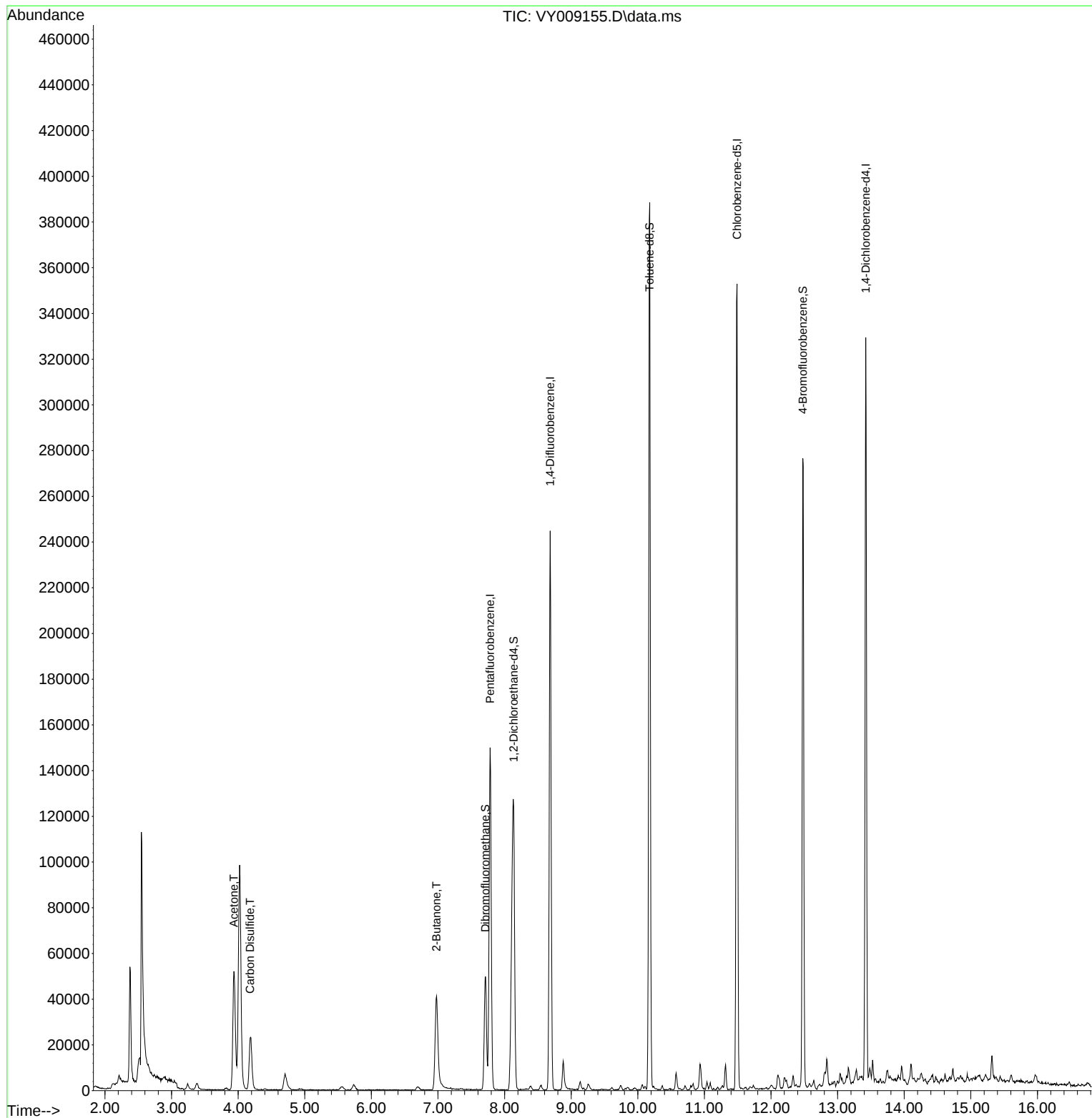
Internal Standards						
1) Pentafluorobenzene	7.783	168	112424	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	201259	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	185619	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	78420	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	72035	62.258	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.520%
35) Dibromofluoromethane	7.710	113	34190	27.319	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	54.640%
50) Toluene-d8	10.179	98	247597	53.627	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.260%
62) 4-Bromofluorobenzene	12.477	95	71349	38.309	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.620%
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	88766	368.556	ug/l	90
17) Carbon Disulfide	4.180	76	42836	12.400	ug/l	97
25) 2-Butanone	6.978	43	20629	47.954	ug/l #	89

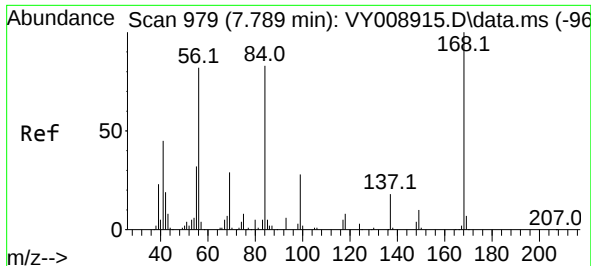
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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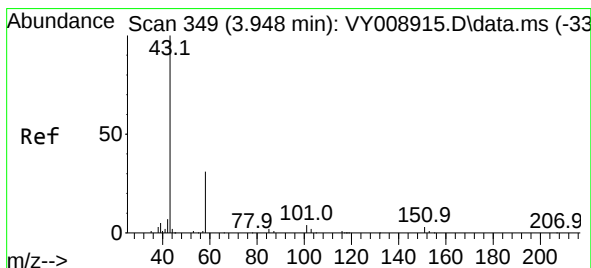
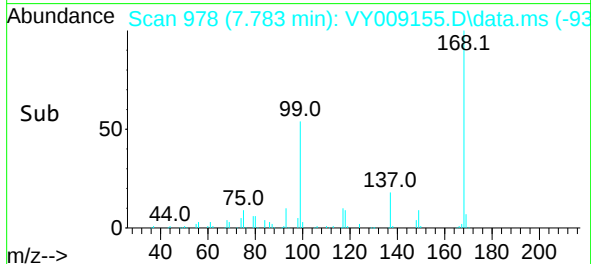
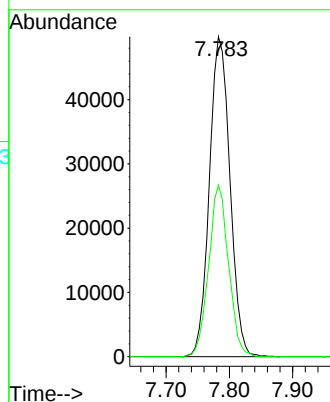
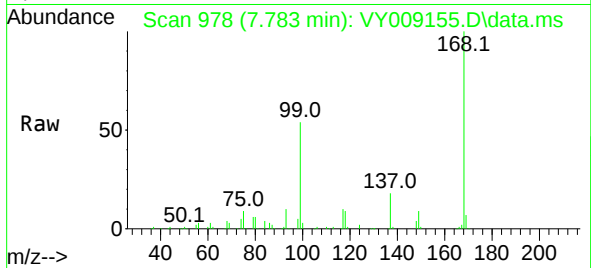




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009155.D
Acq: 06 Jun 2022 18:12

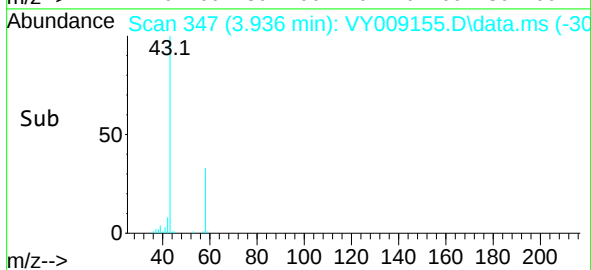
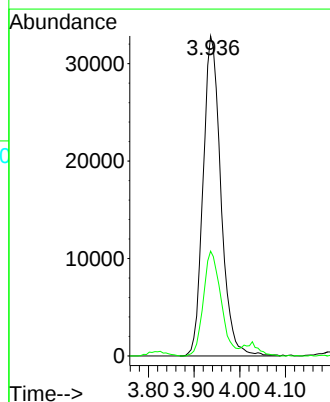
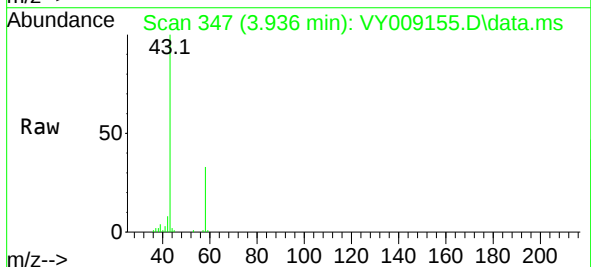
Instrument :
MSVOA_Y
ClientSampleId :
20220422-AMENDED-COMPOSITE-B

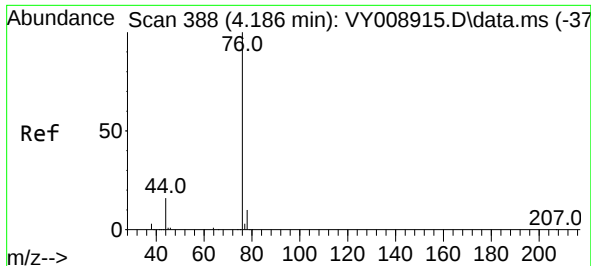
Tgt Ion:168 Resp: 112424
Ion Ratio Lower Upper
168 100
99 53.7 46.9 70.3



#16
Acetone
Concen: 368.556 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY009155.D
Acq: 06 Jun 2022 18:12

Tgt Ion: 43 Resp: 88766
Ion Ratio Lower Upper
43 100
58 32.8 22.0 33.0

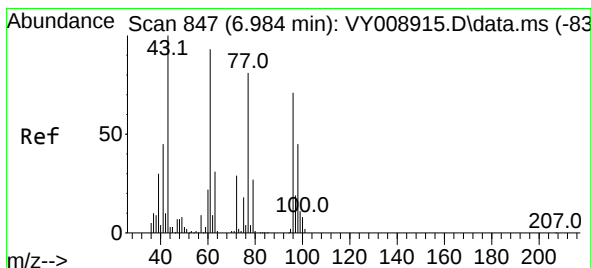
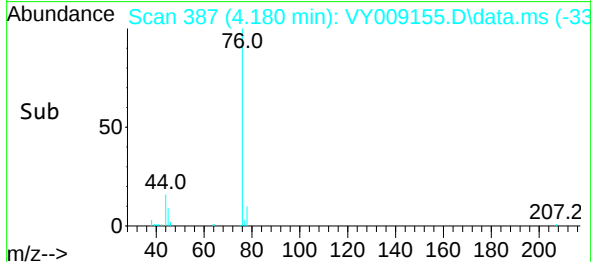
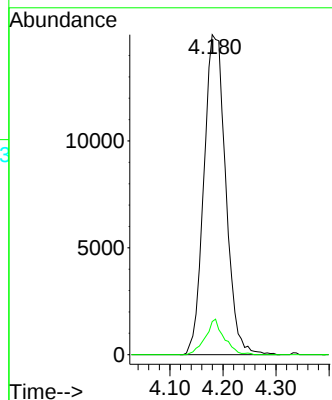
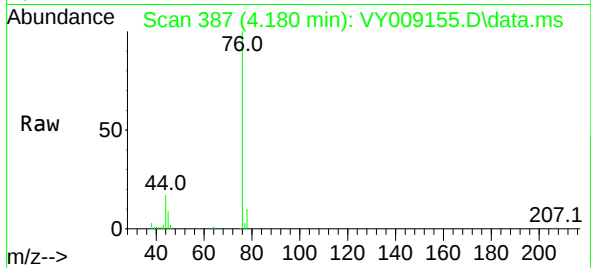




#17
Carbon Disulfide
Concen: 12.400 ug/l
RT: 4.180 min Scan# 388
Delta R.T. -0.006 min
Lab File: VY009155.D
Acq: 06 Jun 2022 18:12

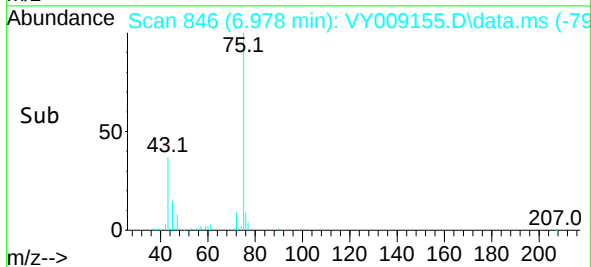
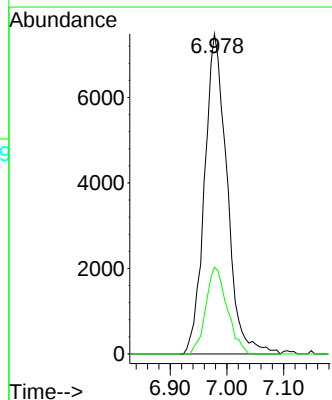
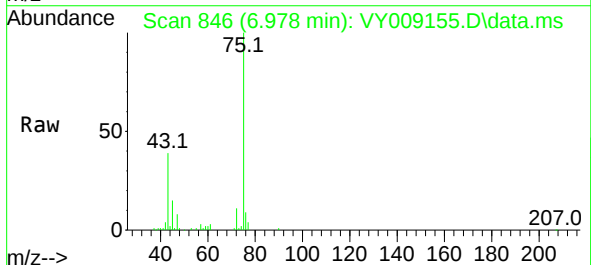
Instrument : MSVOA_Y
ClientSampleId : 20220422-AMENDED-COMPOSITE-B

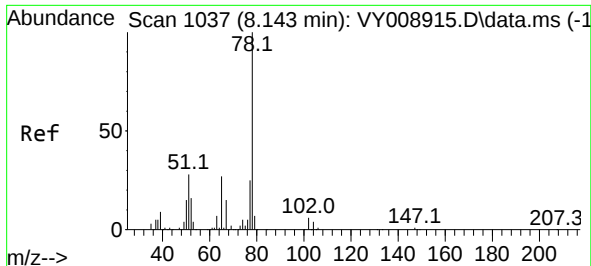
Tgt Ion: 76 Resp: 42836
Ion Ratio Lower Upper
76 100
78 10.3 7.4 11.0



#25
2-Butanone
Concen: 47.954 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY009155.D
Acq: 06 Jun 2022 18:12

Tgt Ion: 43 Resp: 20629
Ion Ratio Lower Upper
43 100
72 27.1 17.7 26.5#





#33

1,2-Dichloroethane-d4

Concen: 62.258 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY009155.D

Acq: 06 Jun 2022 18:12

Instrument :

MSVOA_Y

ClientSampleId :

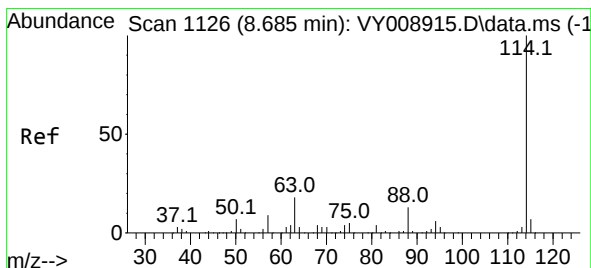
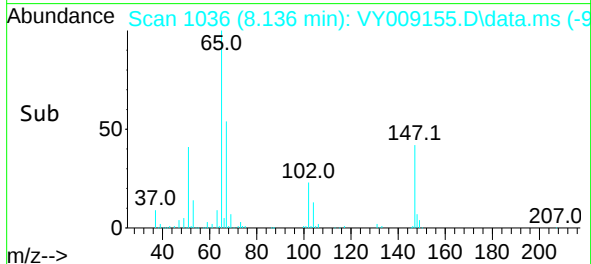
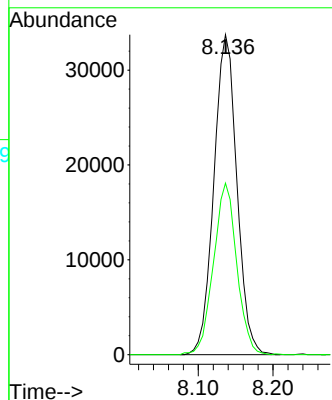
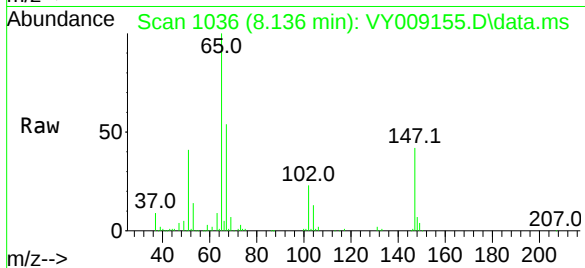
20220422-AMENDED-COMPOSITE-B

Tgt Ion: 65 Resp: 72035

Ion Ratio Lower Upper

65 100

67 54.2 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: VY009155.D

Acq: 06 Jun 2022 18:12

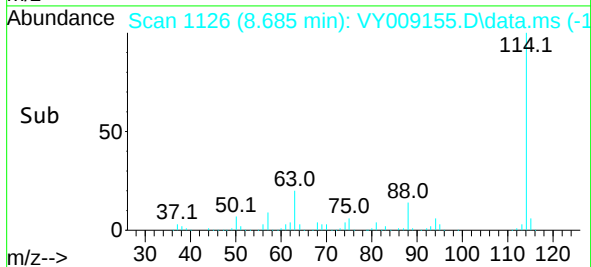
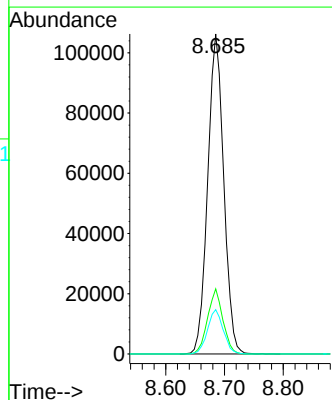
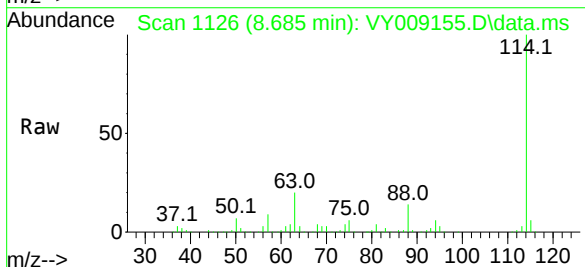
Tgt Ion: 114 Resp: 201259

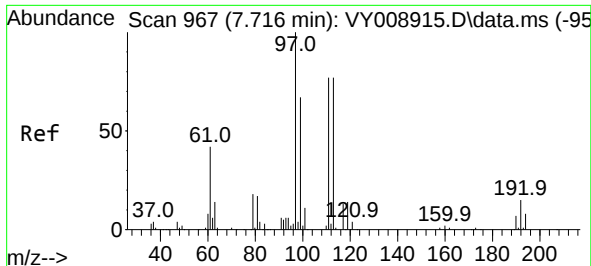
Ion Ratio Lower Upper

114 100

63 20.3 0.0 43.2

88 13.9 0.0 31.8

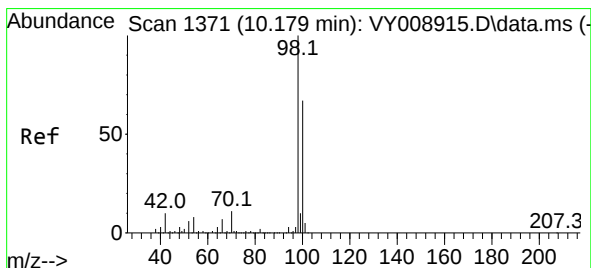
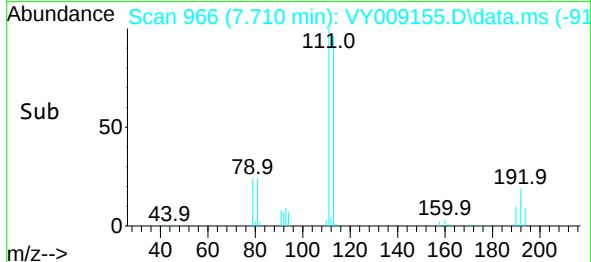
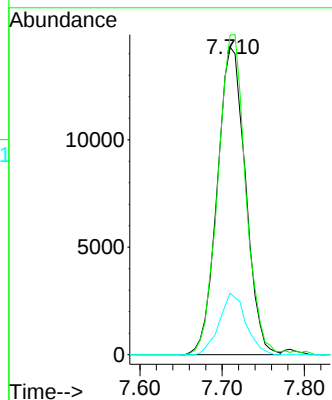
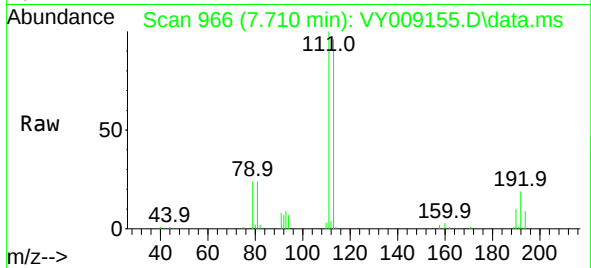




#35
Dibromofluoromethane
Concen: 27.319 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009155.D
Acq: 06 Jun 2022 18:12

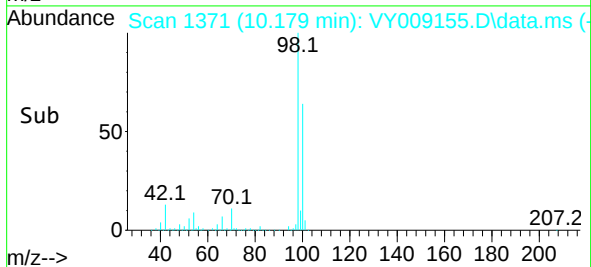
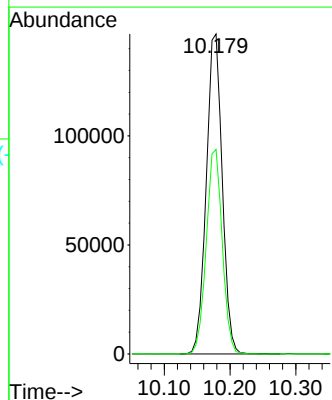
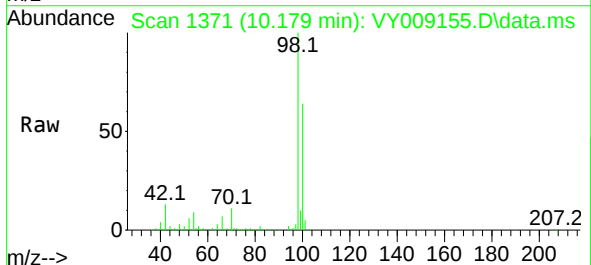
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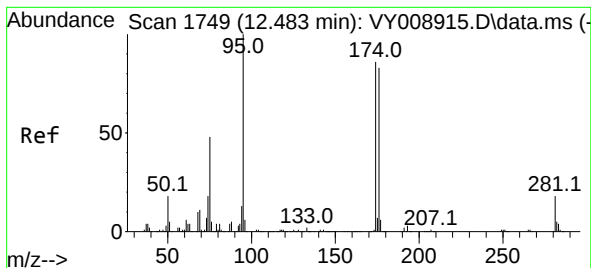
Tgt Ion:113 Resp: 34190
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 18.8 17.6 26.4



#50
Toluene-d8
Concen: 53.627 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009155.D
Acq: 06 Jun 2022 18:12

Tgt Ion: 98 Resp: 247597
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2

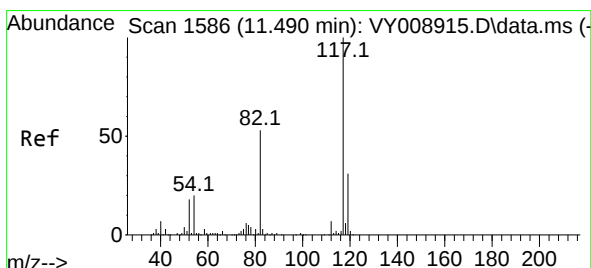
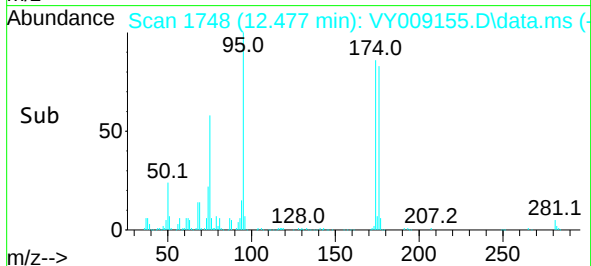
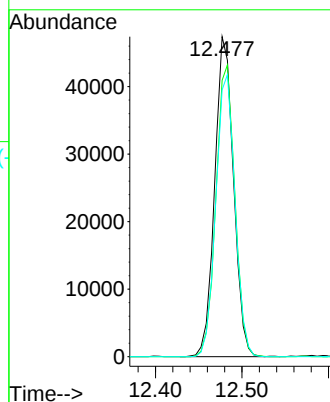
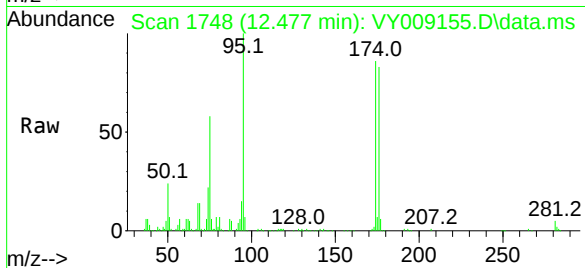




#62
4-Bromofluorobenzene
Concen: 38.309 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY009155.D
Acq: 06 Jun 2022 18:12

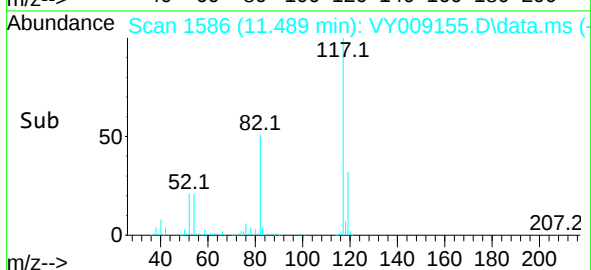
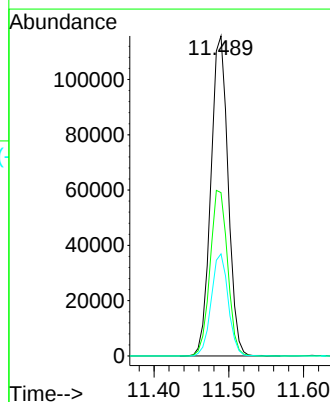
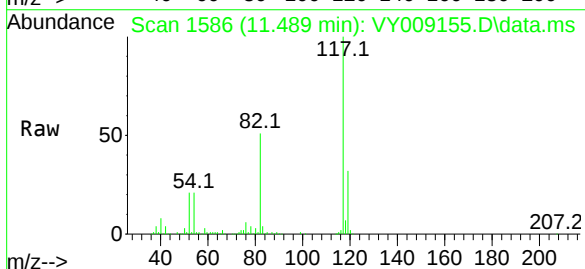
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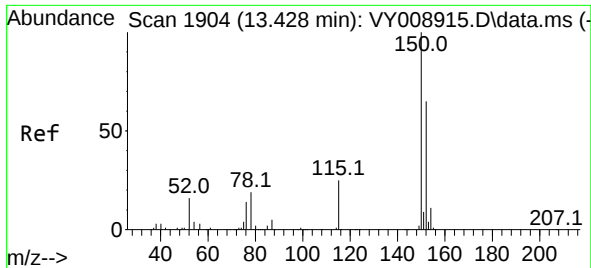
Tgt Ion: 95 Resp: 71349
Ion Ratio Lower Upper
95 100
174 91.7 0.0 177.0
176 89.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY009155.D
Acq: 06 Jun 2022 18:12

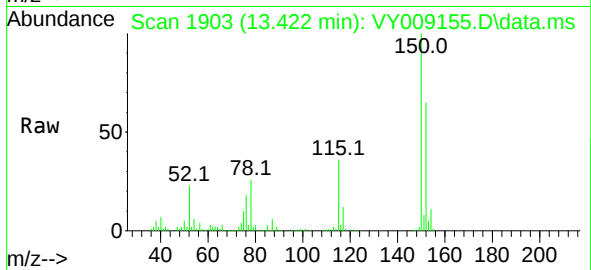
Tgt Ion: 117 Resp: 185619
Ion Ratio Lower Upper
117 100
82 51.1 43.0 64.4
119 31.9 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY009155.D
 Acq: 06 Jun 2022 18:12

Instrument : MSVOA_Y
 ClientSampleId : 20220422-AMENDED-COMPOSITE-B



Tgt Ion:152 Resp: 78420
 Ion Ratio Lower Upper
 152 100
 115 56.5 28.2 84.7
 150 158.0 0.0 347.6

