

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060722\
 Data File : VY009171.D
 Acq On : 07 Jun 2022 18:02
 Operator : KP/MD
 Sample : N3170-04
 Misc : 4.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220424-AMENDED-COMPOSITE-D

Quant Time: Jun 08 07:59:02 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)

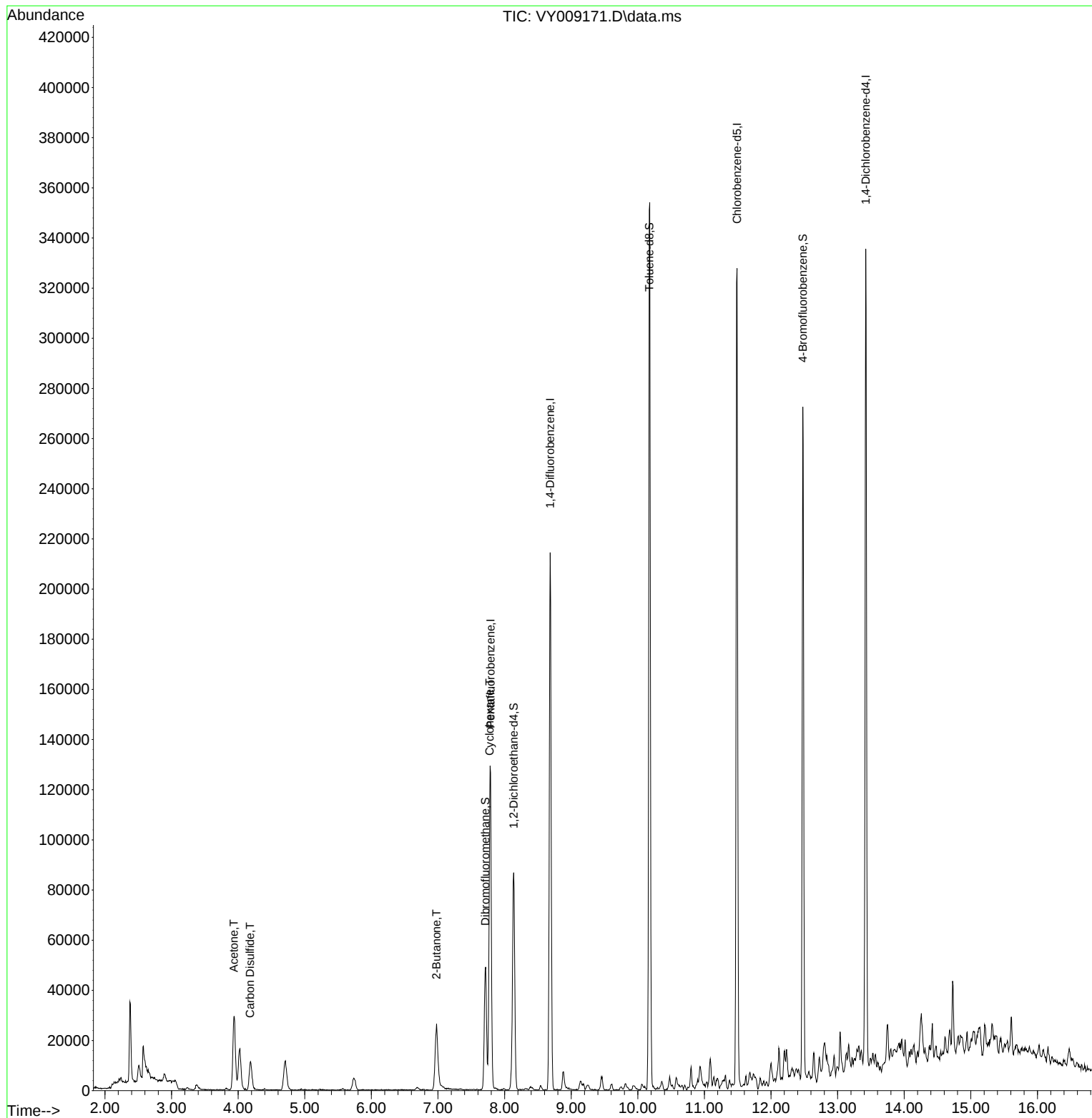
Internal Standards						
1) Pentafluorobenzene	7.789	168	99331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	178705	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	173444	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	78790	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	63739	62.349	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.700%
35) Dibromofluoromethane	7.710	113	34003	30.599	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	61.200%
50) Toluene-d8	10.173	98	222961	54.386	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.780%
62) 4-Bromofluorobenzene	12.477	95	68802	41.604	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.200%
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	50936	239.362	ug/l	91
17) Carbon Disulfide	4.180	76	18805	6.161	ug/l	96
25) 2-Butanone	6.978	43	10742	28.262	ug/l	98
31) Cyclohexane	7.777	56	3021	1.511	ug/l #	46

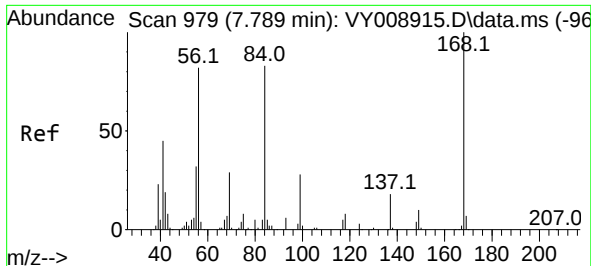
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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20220424-AMENDED-COMPOSITE-D

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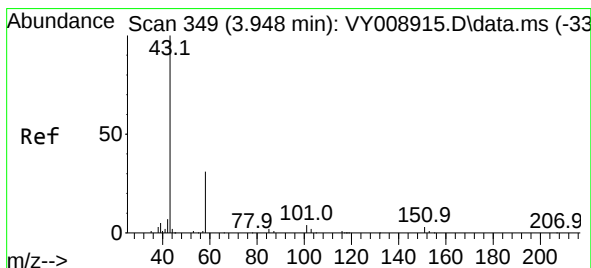
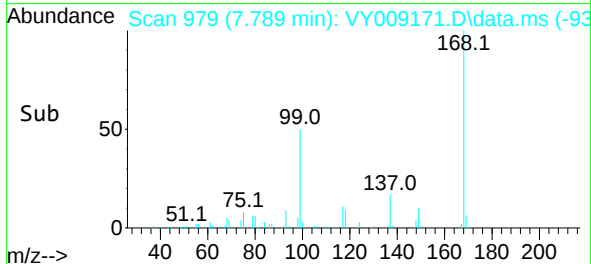
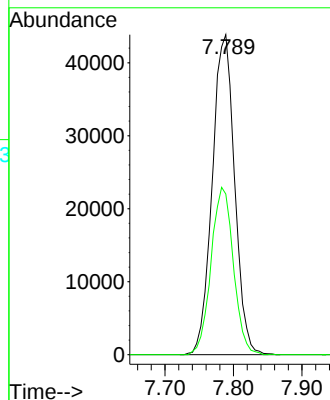
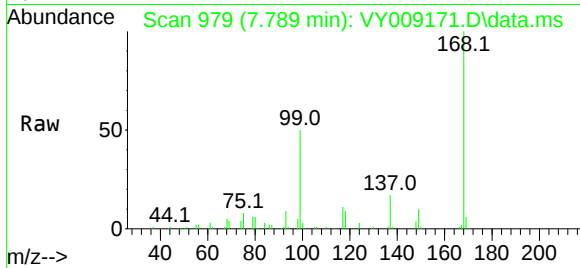




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009171.D
Acq: 07 Jun 2022 18:02

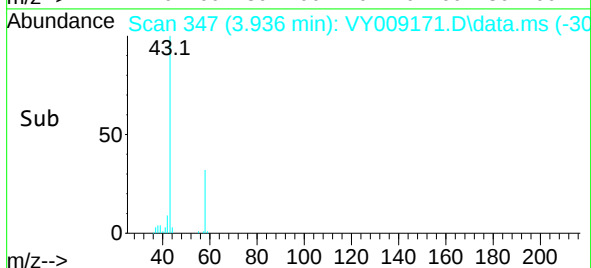
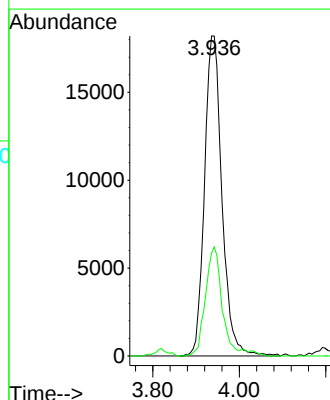
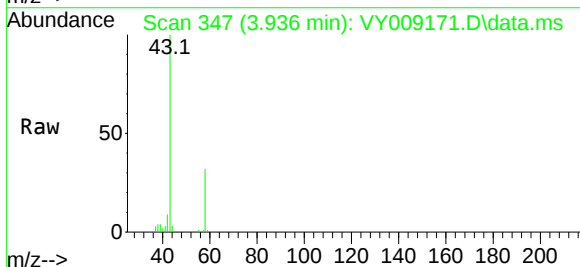
Instrument :
MSVOA_Y
ClientSampleId :
20220424-AMENDED-COMPOSITE-D

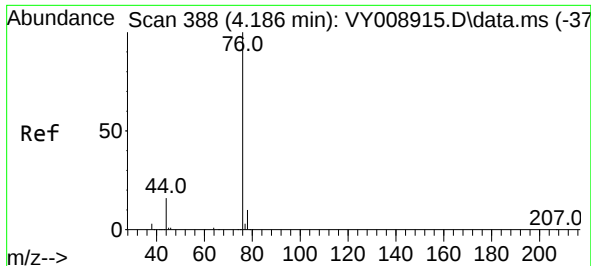
Tgt Ion:168 Resp: 99331
Ion Ratio Lower Upper
168 100
99 50.2 46.9 70.3



#16
Acetone
Concen: 239.362 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY009171.D
Acq: 07 Jun 2022 18:02

Tgt Ion: 43 Resp: 50936
Ion Ratio Lower Upper
43 100
58 32.1 22.0 33.0

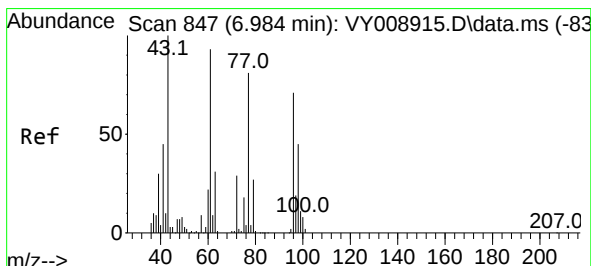
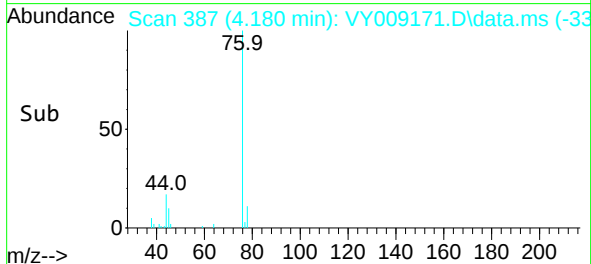
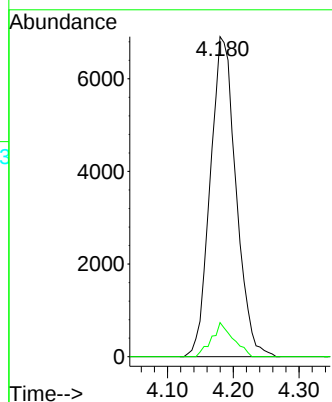
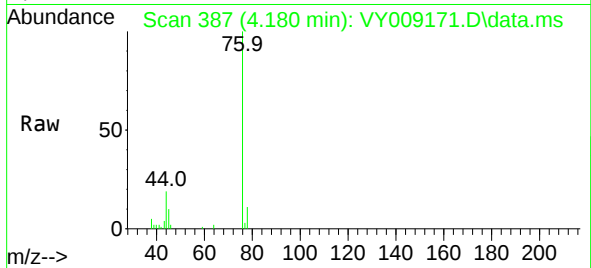




#17
Carbon Disulfide
Concen: 6.161 ug/l
RT: 4.180 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY009171.D
Acq: 07 Jun 2022 18:02

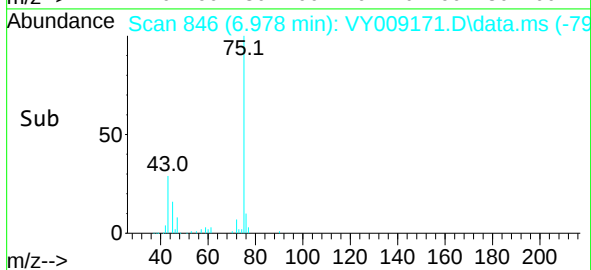
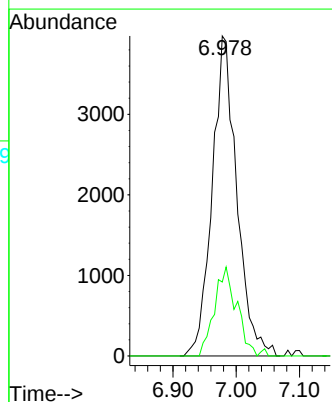
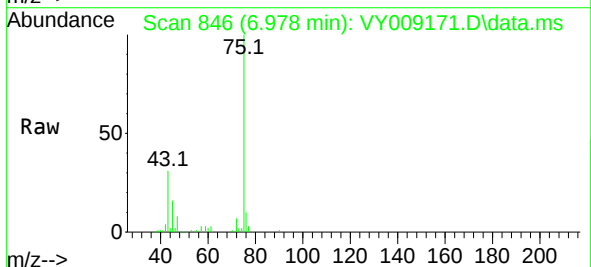
Instrument :
MSVOA_Y
ClientSampleId :
20220424-AMENDED-COMPOSITE-D

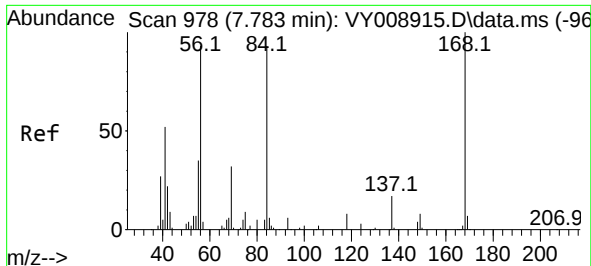
Tgt Ion: 76 Resp: 18805
Ion Ratio Lower Upper
76 100
78 10.7 7.4 11.0



#25
2-Butanone
Concen: 28.262 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY009171.D
Acq: 07 Jun 2022 18:02

Tgt Ion: 43 Resp: 10742
Ion Ratio Lower Upper
43 100
72 23.1 17.7 26.5

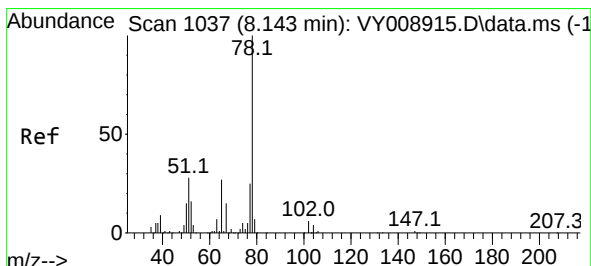
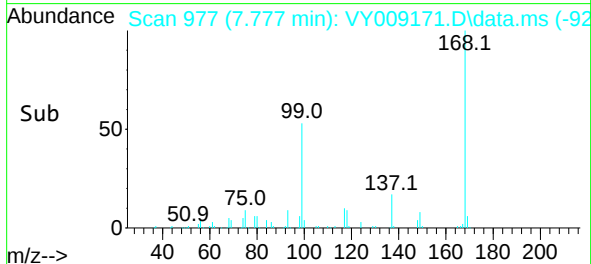
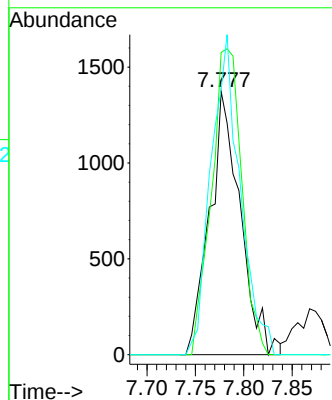
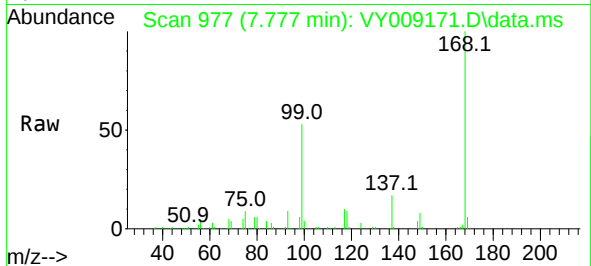




#31
Cyclohexane
Concen: 1.511 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009171.D
Acq: 07 Jun 2022 18:02

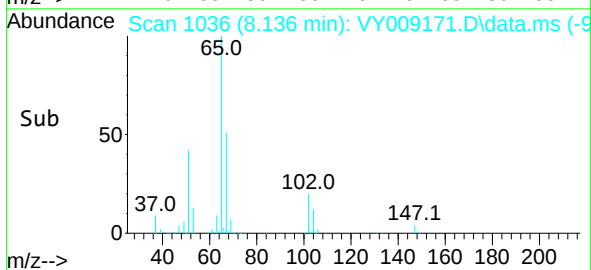
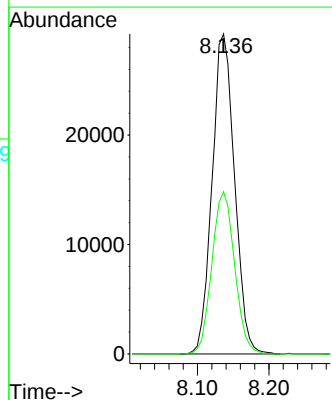
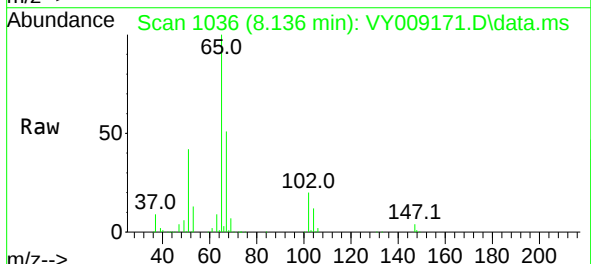
Instrument :
MSVOA_Y
ClientSampleId :
20220424-AMENDED-COMPOSITE-D

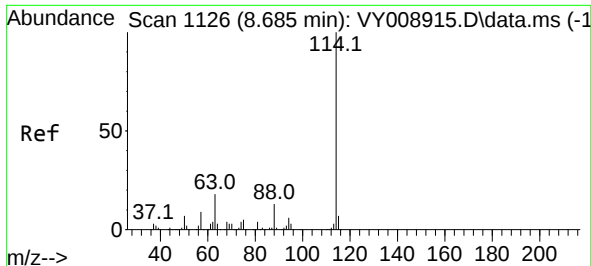
Tgt Ion: 56 Resp: 3021
Ion Ratio Lower Upper
56 100
69 114.8 26.7 40.1#
84 100.7 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 62.349 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY009171.D
Acq: 07 Jun 2022 18:02

Tgt Ion: 65 Resp: 63739
Ion Ratio Lower Upper
65 100
67 51.3 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: VY009171.D

Acq: 07 Jun 2022 18:02

Instrument :

MSVOA_Y

ClientSampleId :

20220424-AMENDED-COMPOSITE-D

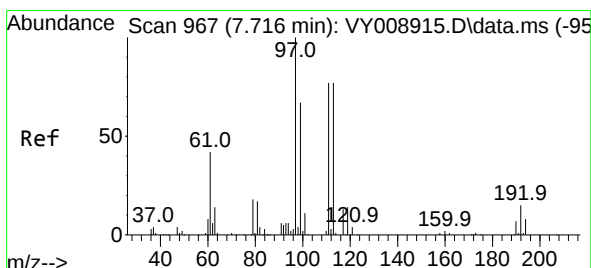
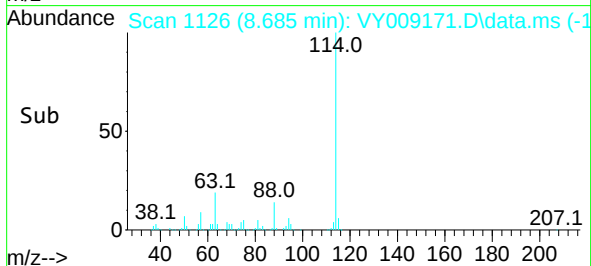
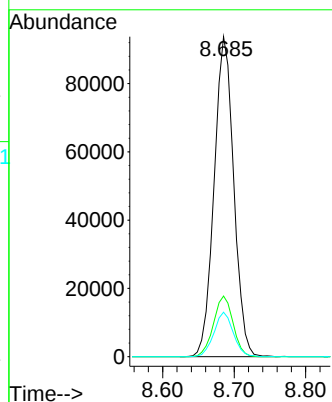
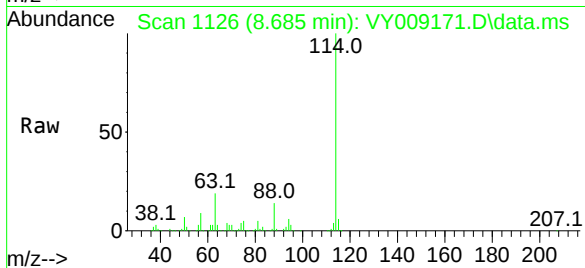
Tgt Ion:114 Resp: 178705

Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 13.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 30.599 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY009171.D

Acq: 07 Jun 2022 18:02

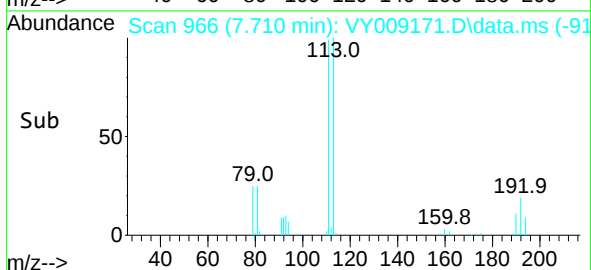
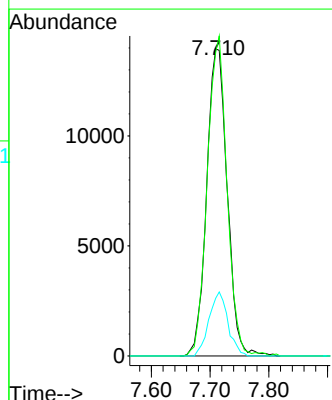
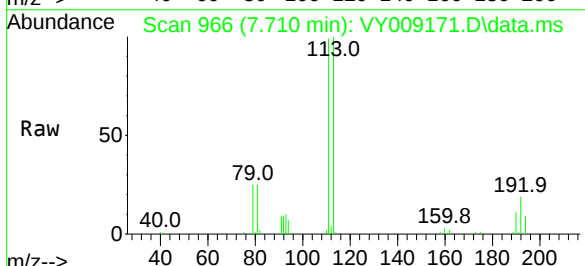
Tgt Ion:113 Resp: 34003

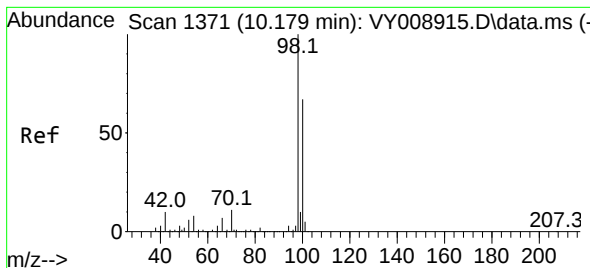
Ion Ratio Lower Upper

113 100

111 99.8 82.6 124.0

192 19.2 17.6 26.4





#50

Toluene-d8

Concen: 54.386 ug/l

RT: 10.173 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY009171.D

Acq: 07 Jun 2022 18:02

Instrument :

MSVOA_Y

ClientSampleId :

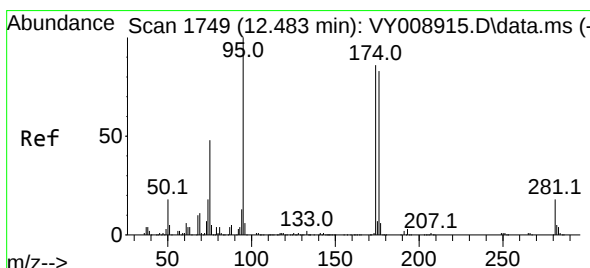
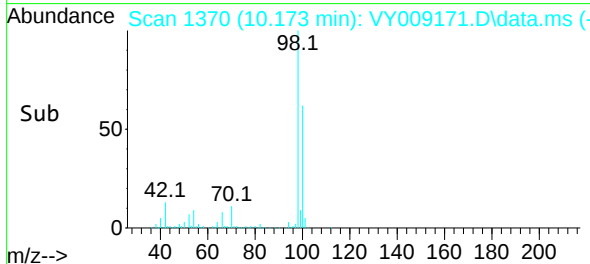
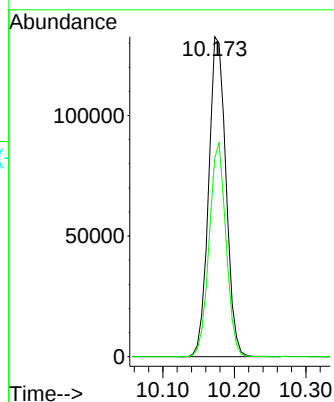
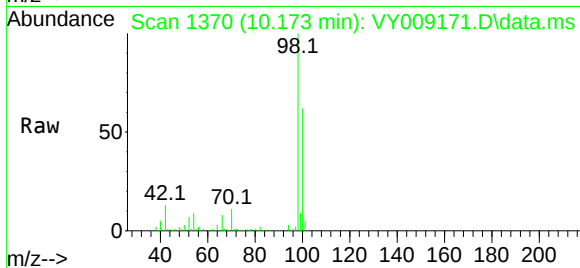
20220424-AMENDED-COMPOSITE-D

Tgt Ion: 98 Resp: 222961

Ion Ratio Lower Upper

98 100

100 65.0 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 41.604 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY009171.D

Acq: 07 Jun 2022 18:02

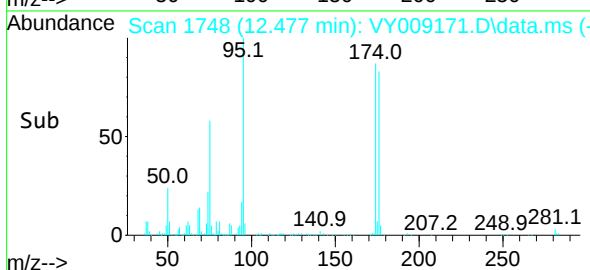
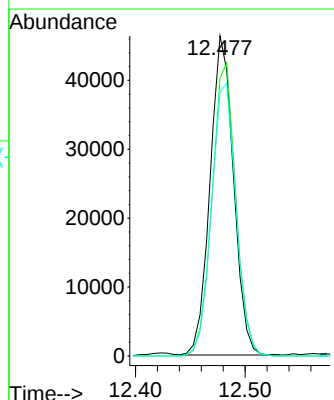
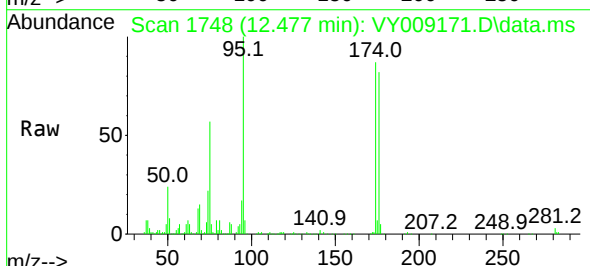
Tgt Ion: 95 Resp: 68802

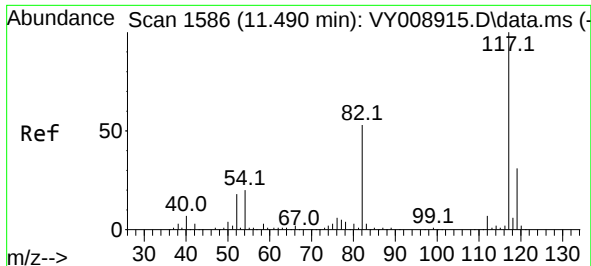
Ion Ratio Lower Upper

95 100

174 93.4 0.0 177.0

176 89.3 0.0 175.8

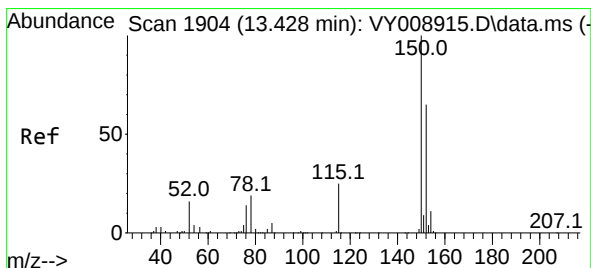
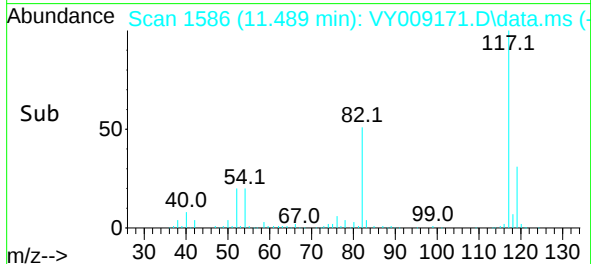
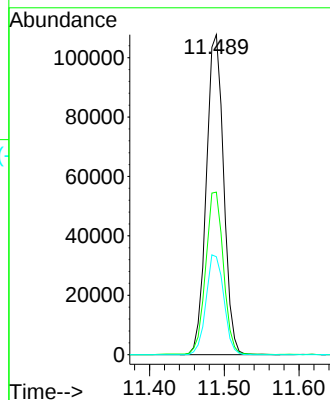
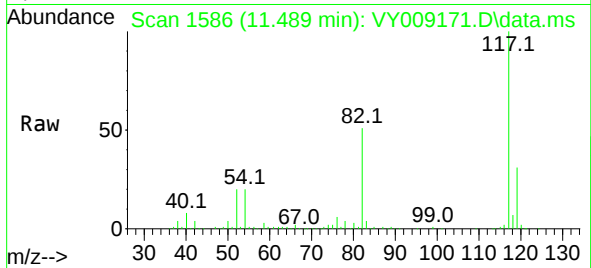




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009171.D
Acq: 07 Jun 2022 18:02

Instrument :
MSVOA_Y
ClientSampleId :
20220424-AMENDED-COMPOSITE-D

Tgt Ion:117 Resp: 173444
Ion Ratio Lower Upper
117 100
82 50.7 43.0 64.4
119 30.6 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: VY009171.D
Acq: 07 Jun 2022 18:02

Tgt Ion:152 Resp: 78790
Ion Ratio Lower Upper
152 100
115 55.8 28.2 84.7
150 155.8 0.0 347.6

