

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060622\
 Data File : VY009141.D
 Acq On : 06 Jun 2022 12:44
 Operator : KP/MD
 Sample : N3143-03RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220425-AMENDED-COMP-ERE

Quant Time: Jun 07 02:30:28 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)

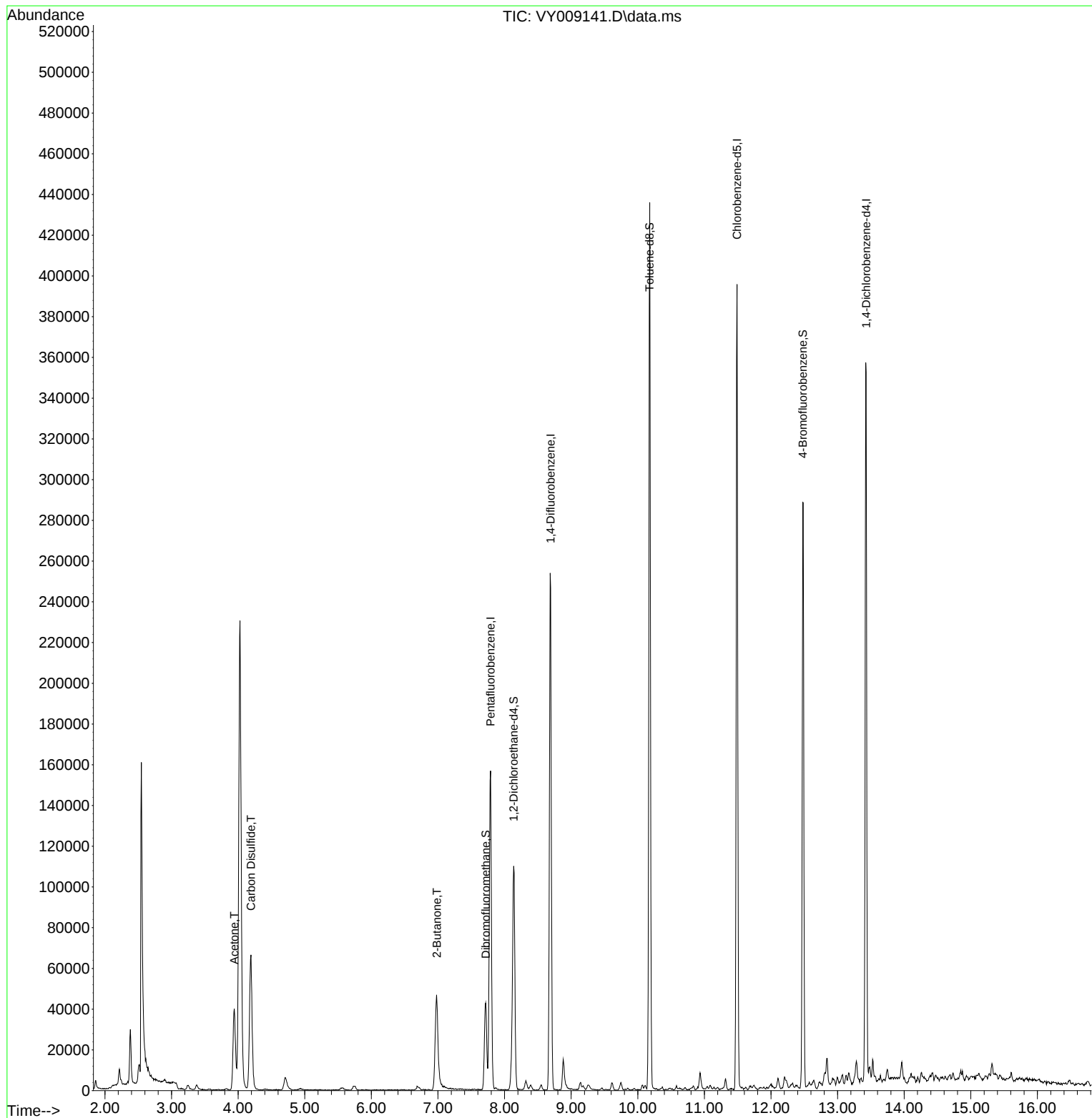
Internal Standards						
1) Pentafluorobenzene	7.789	168	119113	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	215577	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	200846	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	88371	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	76426	62.343	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.680%
35) Dibromofluoromethane	7.716	113	30487	22.742	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	45.480%#
50) Toluene-d8	10.179	98	266914	53.971	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.940%
62) 4-Bromofluorobenzene	12.477	95	78815	39.507	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.020%
Target Compounds						
						Qvalue
16) Acetone	3.942	43	66897	262.158	ug/l	90
17) Carbon Disulfide	4.192	76	126761	34.632	ug/l	100
25) 2-Butanone	6.984	43	18164	39.853	ug/l #	83

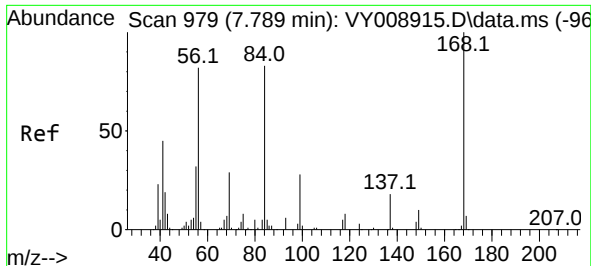
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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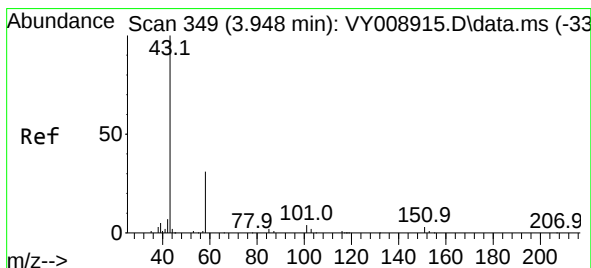
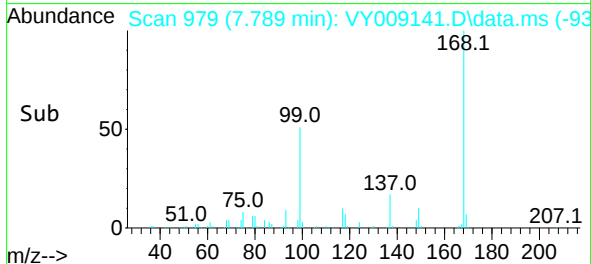
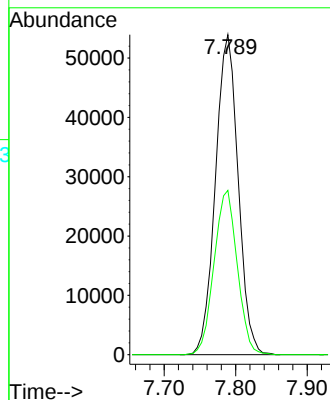
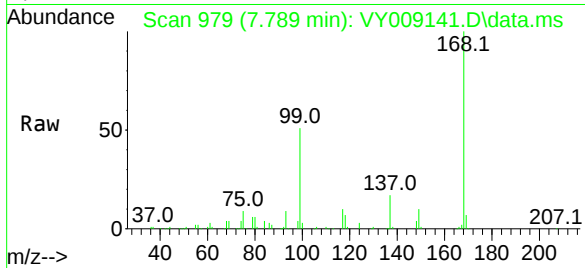




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009141.D
Acq: 06 Jun 2022 12:44

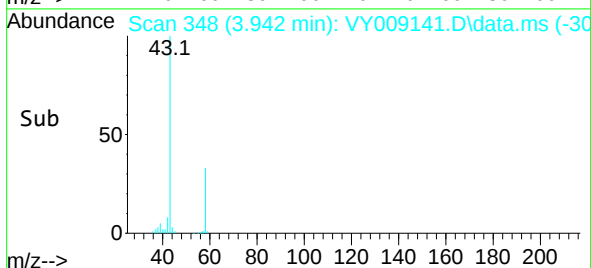
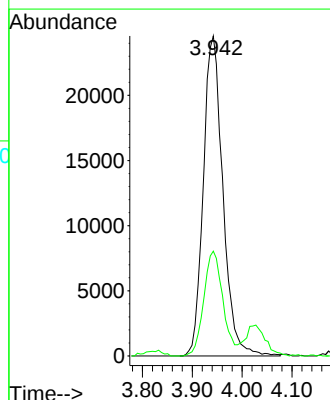
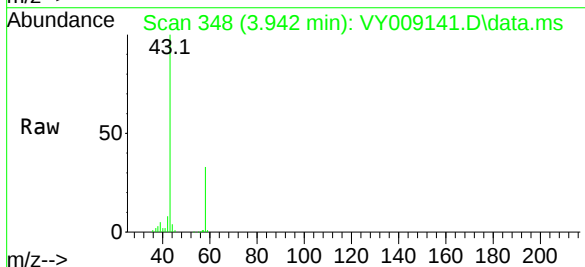
Instrument :
MSVOA_Y
ClientSampleId :
20220425-AMENDED-COMP-ERE

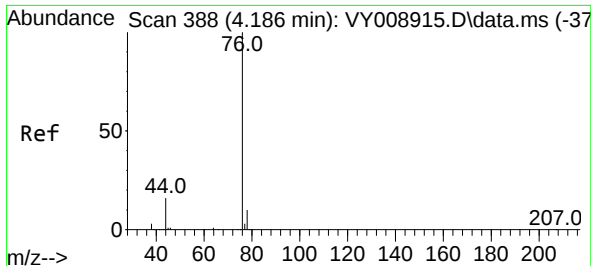
Tgt Ion:168 Resp: 119113
Ion Ratio Lower Upper
168 100
99 51.4 46.9 70.3



#16
Acetone
Concen: 262.158 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY009141.D
Acq: 06 Jun 2022 12:44

Tgt Ion: 43 Resp: 66897
Ion Ratio Lower Upper
43 100
58 32.7 22.0 33.0

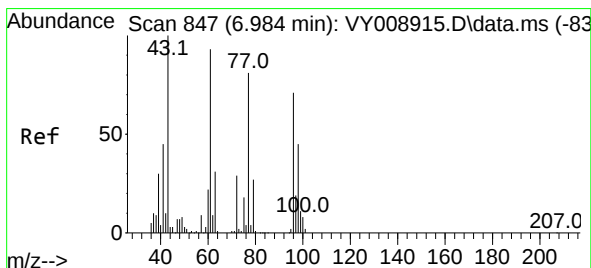
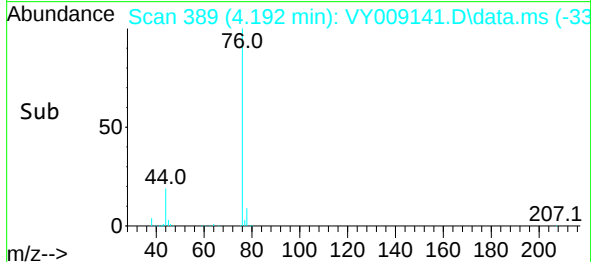
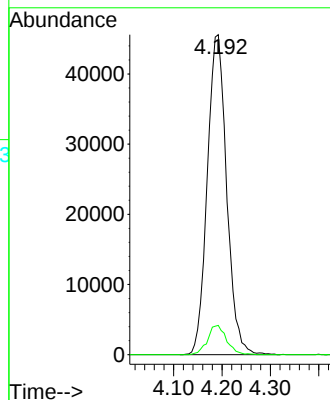
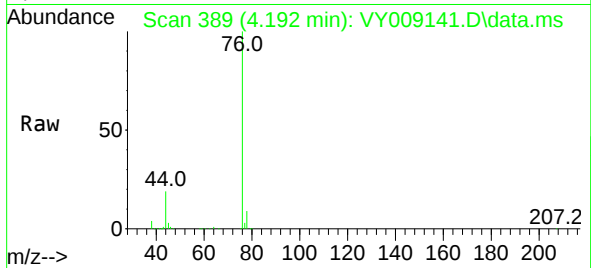




#17
Carbon Disulfide
Concen: 34.632 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY009141.D
Acq: 06 Jun 2022 12:44

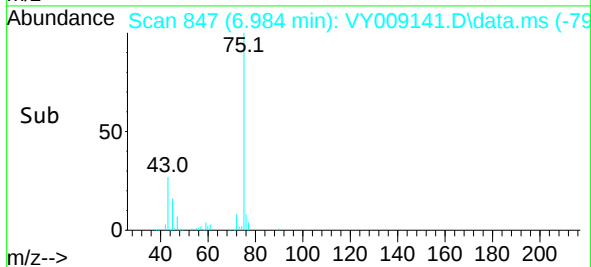
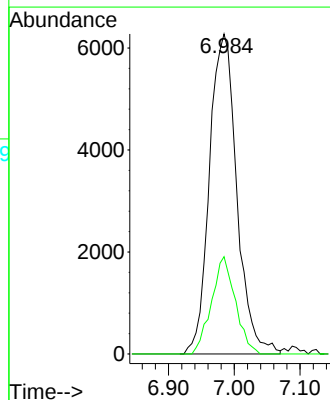
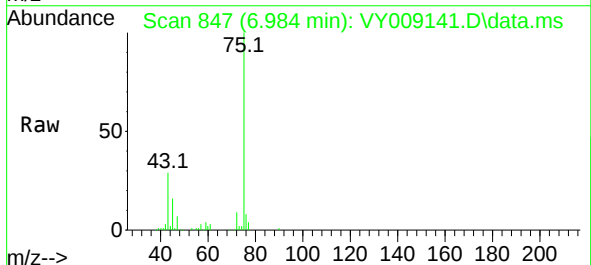
Instrument :
MSVOA_Y
ClientSampleId :
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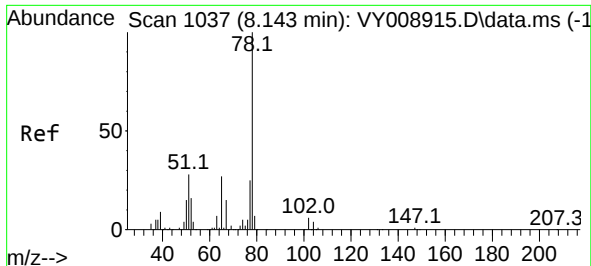
Tgt Ion: 76 Resp: 126761
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#25
2-Butanone
Concen: 39.853 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY009141.D
Acq: 06 Jun 2022 12:44

Tgt Ion: 43 Resp: 18164
Ion Ratio Lower Upper
43 100
72 30.4 17.7 26.5#





#33

1,2-Dichloroethane-d4

Concen: 62.343 ug/l

RT: 8.137 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY009141.D

Acq: 06 Jun 2022 12:44

Instrument :

MSVOA_Y

ClientSampleId :

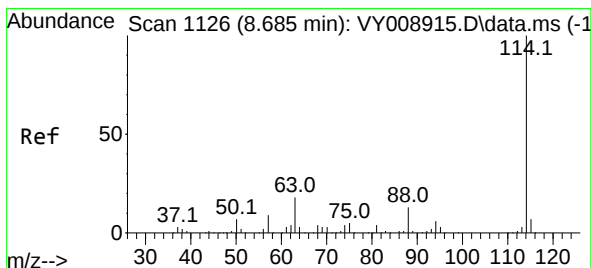
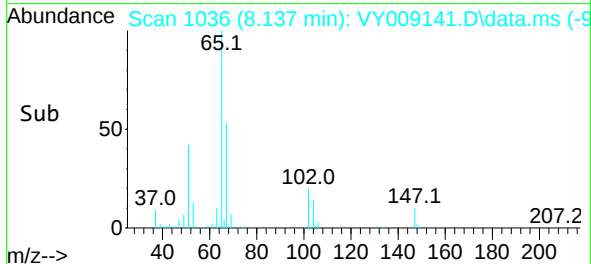
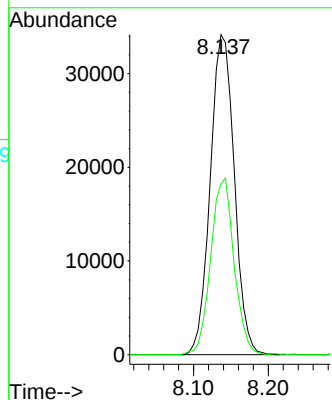
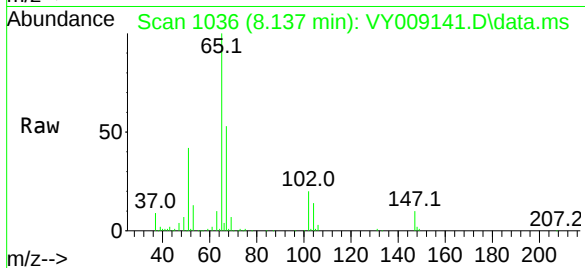
20220425-AMENDED-COMP-ERE

Tgt Ion: 65 Resp: 76426

Ion Ratio Lower Upper

65 100

67 53.6 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY009141.D

Acq: 06 Jun 2022 12:44

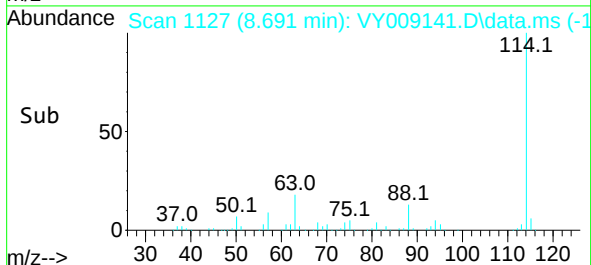
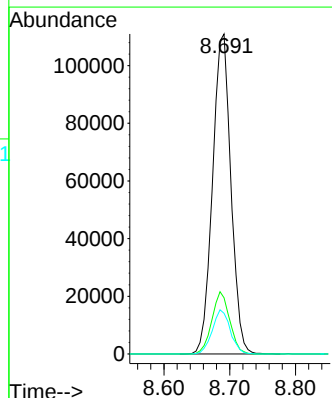
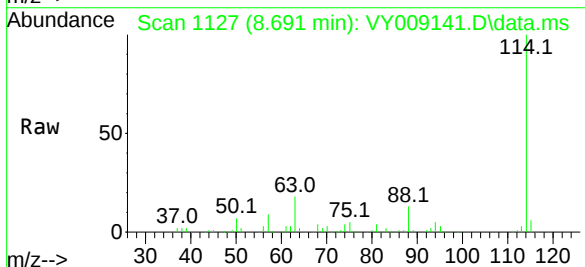
Tgt Ion: 114 Resp: 215577

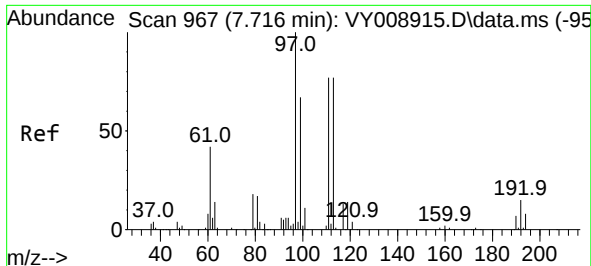
Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

88 12.7 0.0 31.8

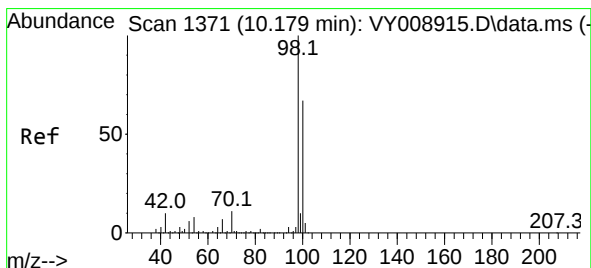
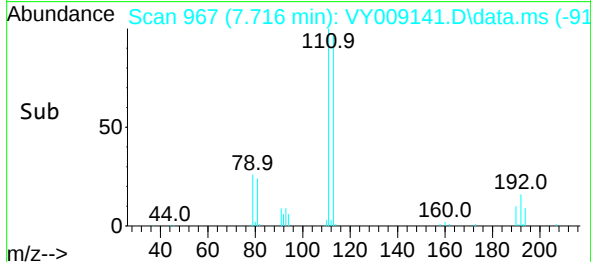
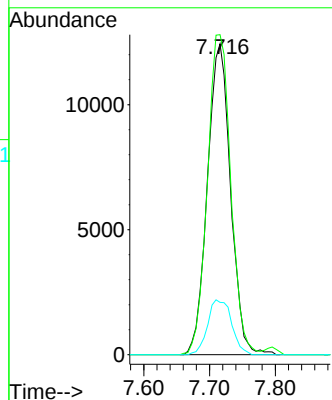
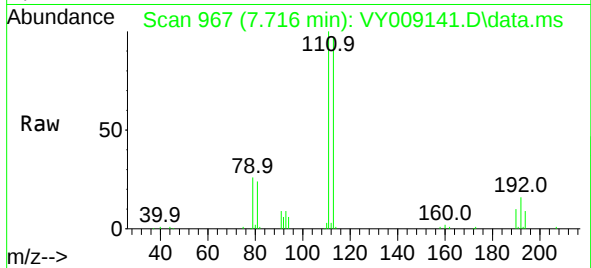




#35
Dibromofluoromethane
Concen: 22.742 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY009141.D
Acq: 06 Jun 2022 12:44

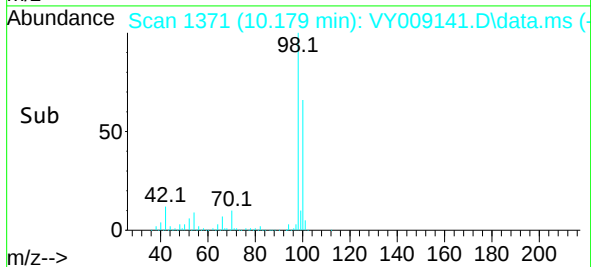
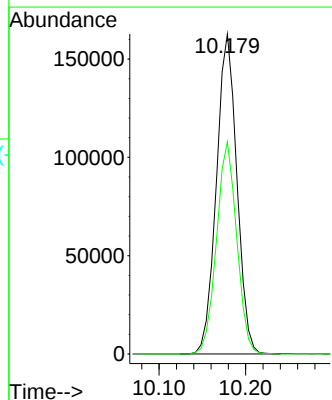
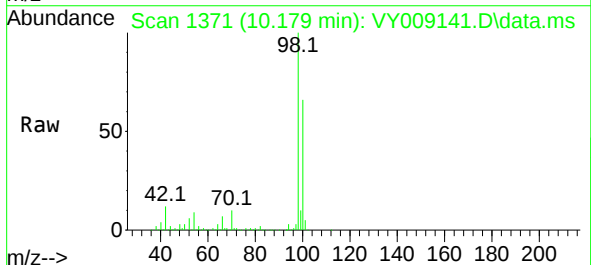
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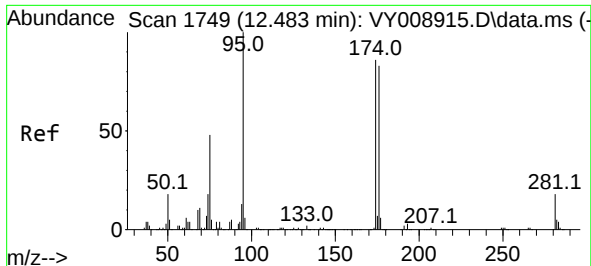
Tgt Ion:113 Resp: 30487
Ion Ratio Lower Upper
113 100
111 104.0 82.6 124.0
192 18.2 17.6 26.4



#50
Toluene-d8
Concen: 53.971 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009141.D
Acq: 06 Jun 2022 12:44

Tgt Ion: 98 Resp: 266914
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2

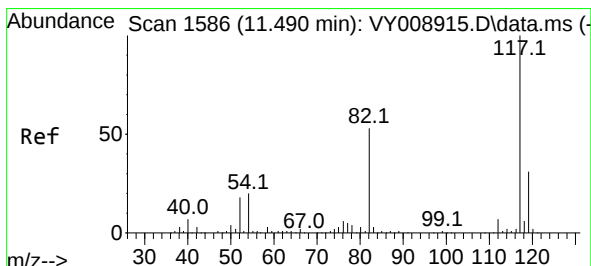
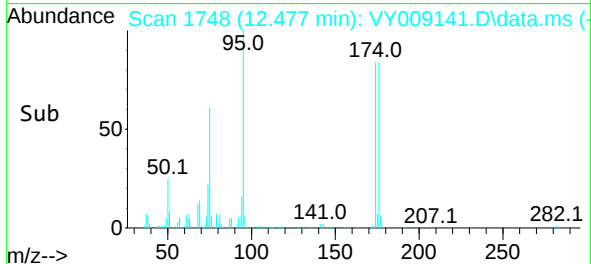
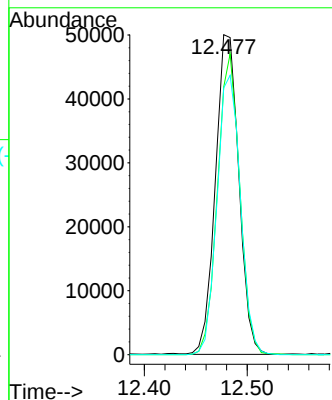
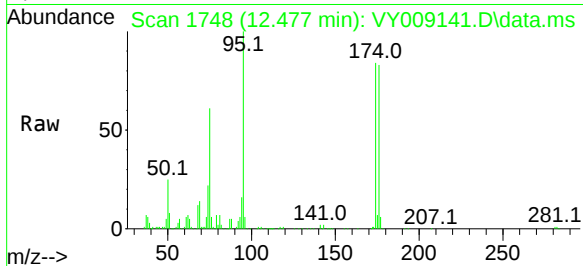




#62
4-Bromofluorobenzene
Concen: 39.507 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY009141.D
Acq: 06 Jun 2022 12:44

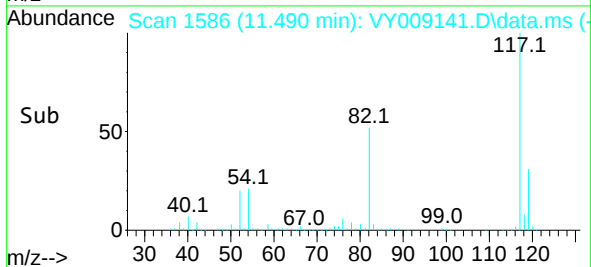
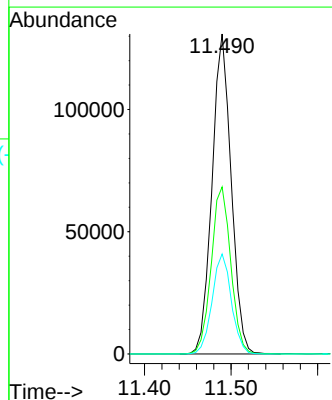
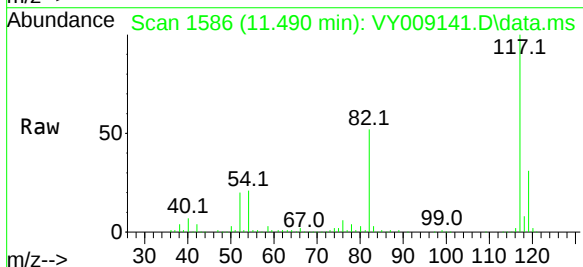
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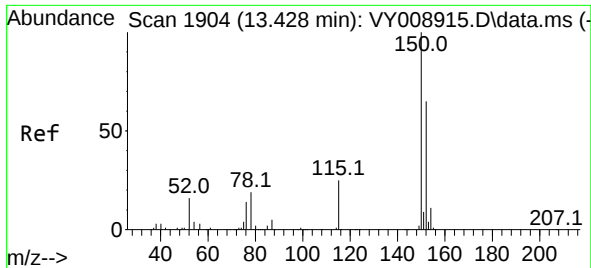
Tgt Ion: 95 Resp: 78815
Ion Ratio Lower Upper
95 100
174 89.5 0.0 177.0
176 87.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009141.D
Acq: 06 Jun 2022 12:44

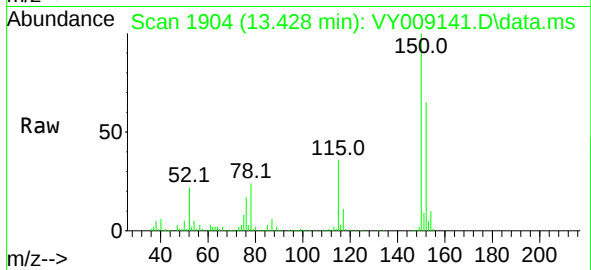
Tgt Ion: 117 Resp: 200846
Ion Ratio Lower Upper
117 100
82 52.2 43.0 64.4
119 31.2 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY009141.D
 Acq: 06 Jun 2022 12:44

Instrument : MSVOA_Y
 ClientSampleId : 20220425-AMENDED-COMP-ERE



Tgt Ion:152 Resp: 88371
 Ion Ratio Lower Upper
 152 100
 115 56.9 28.2 84.7
 150 155.3 0.0 347.6

