

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060622\
 Data File : VY009153.D
 Acq On : 06 Jun 2022 17:25
 Operator : KP/MD
 Sample : N3189-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220423-AMENDED-COMPOSITE-C

Quant Time: Jun 07 02:33:16 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)

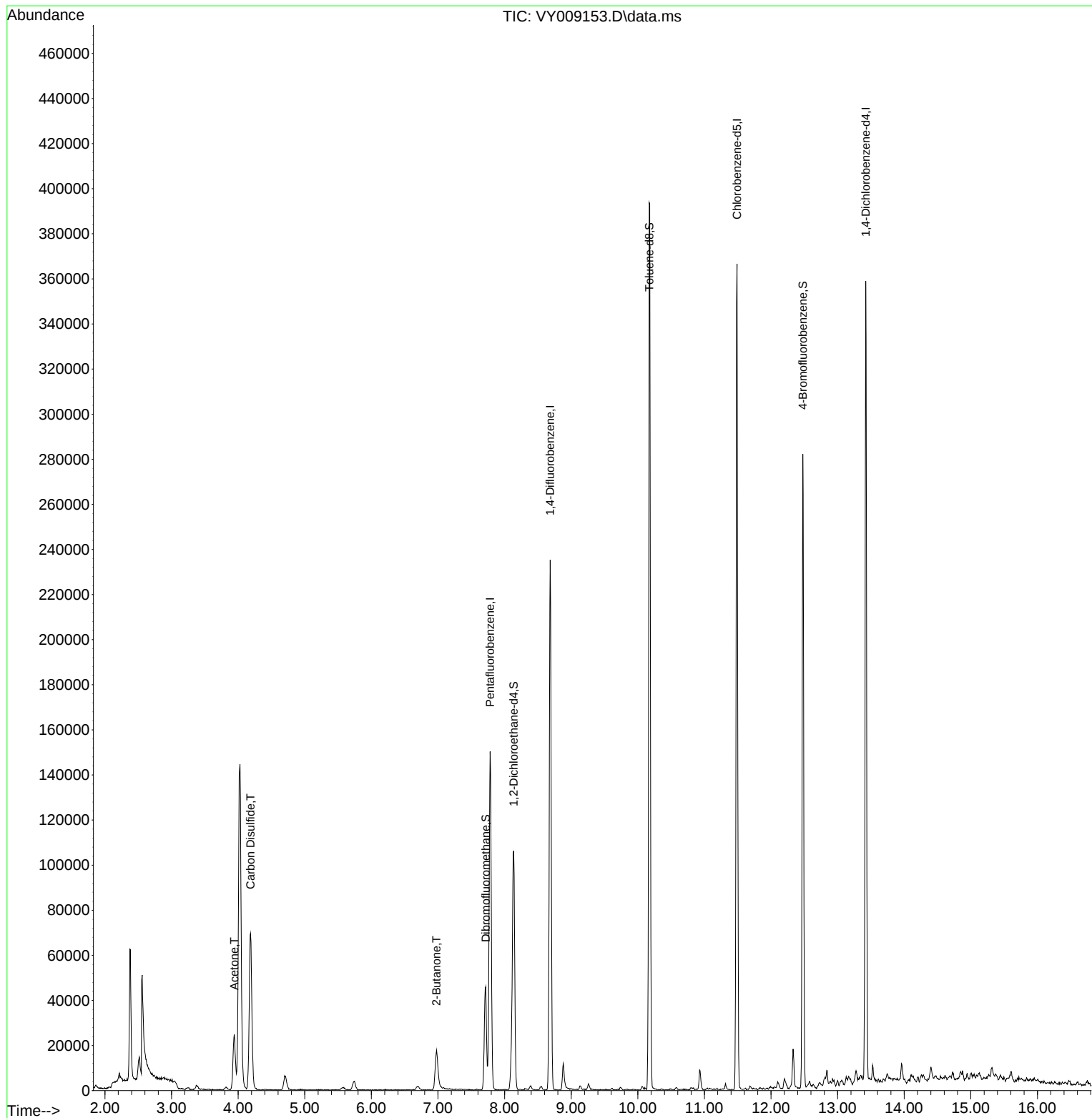
Internal Standards						
1) Pentafluorobenzene	7.783	168	114105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	201226	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	188441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	84130	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	72820	62.009	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 124.020%			
35) Dibromofluoromethane	7.716	113	31123	24.872	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 49.740%#			
50) Toluene-d8	10.173	98	249407	54.028	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.060%			
62) 4-Bromofluorobenzene	12.477	95	74562	40.041	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 80.080%			
Target Compounds						
16) Acetone	3.942	43	41255	168.767	ug/l #	89
17) Carbon Disulfide	4.186	76	137347	39.172	ug/l	98
25) 2-Butanone	6.978	43	10091	23.112	ug/l	92

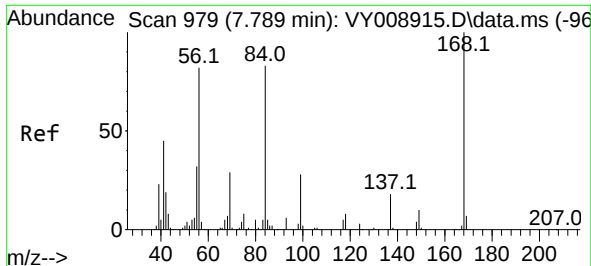
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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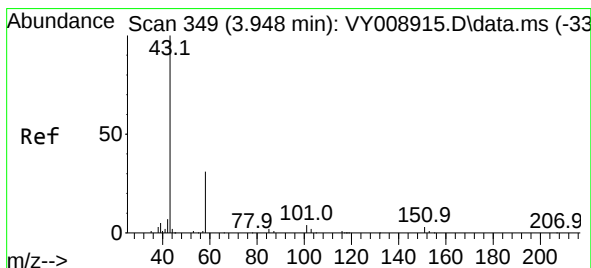
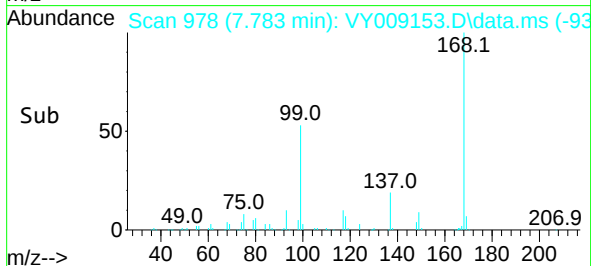
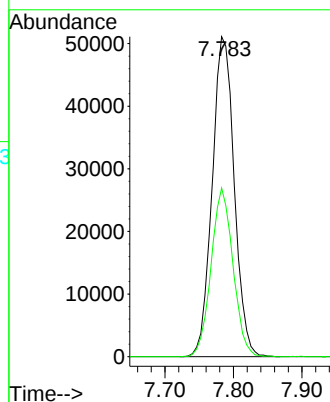
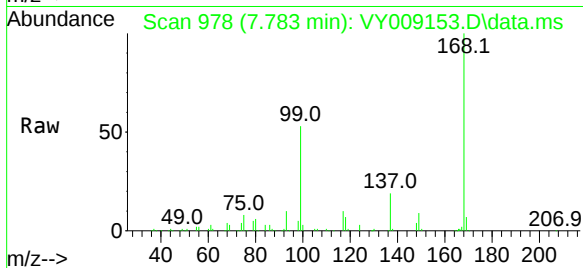




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009153.D
Acq: 06 Jun 2022 17:25

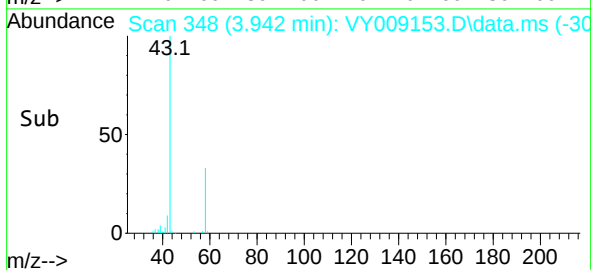
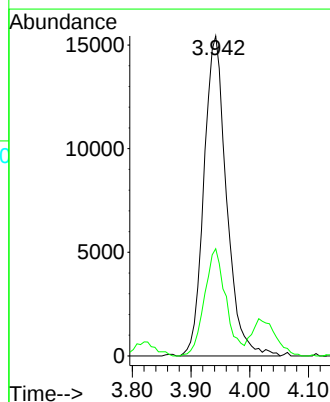
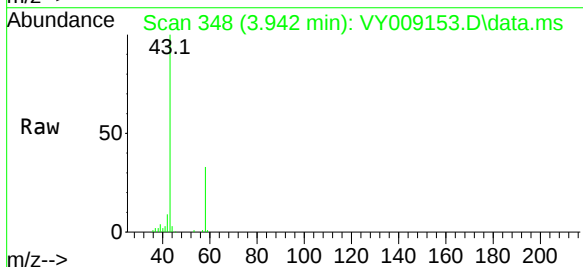
Instrument :
MSVOA_Y
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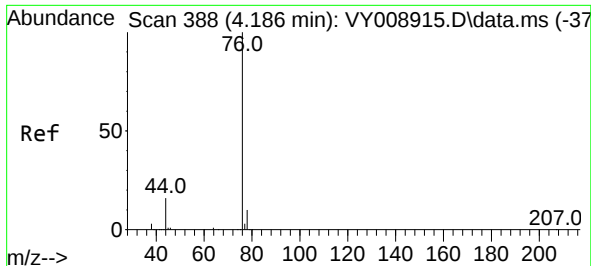
Tgt Ion:168 Resp: 114105
Ion Ratio Lower Upper
168 100
99 52.7 46.9 70.3



#16
Acetone
Concen: 168.767 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY009153.D
Acq: 06 Jun 2022 17:25

Tgt Ion: 43 Resp: 41255
Ion Ratio Lower Upper
43 100
58 33.5 22.0 33.0#

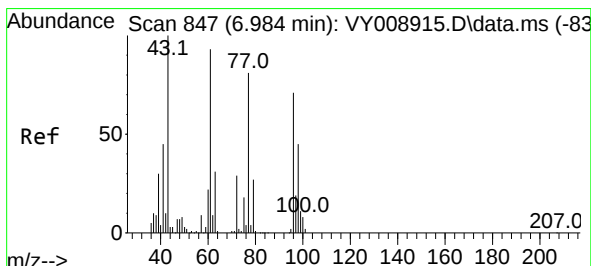
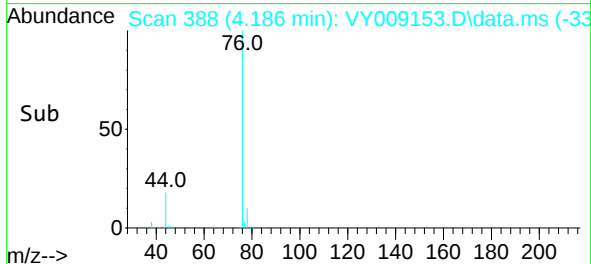
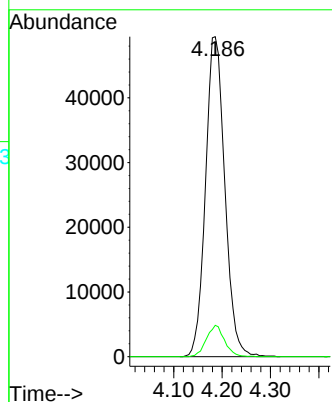
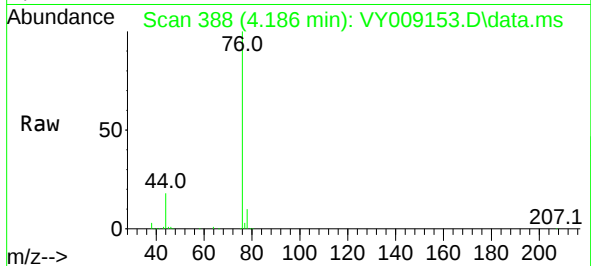




#17
Carbon Disulfide
Concen: 39.172 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY009153.D
Acq: 06 Jun 2022 17:25

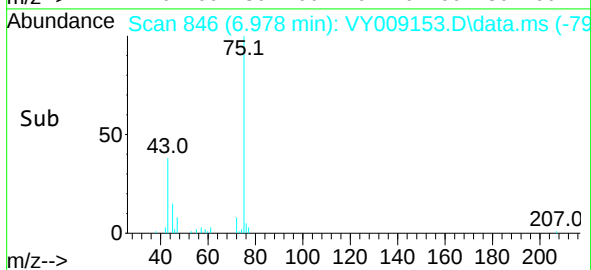
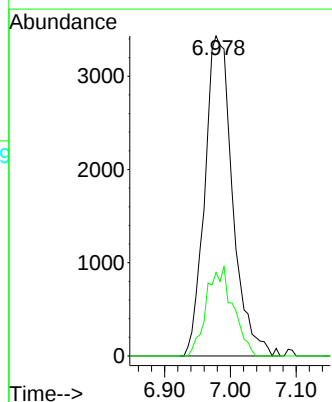
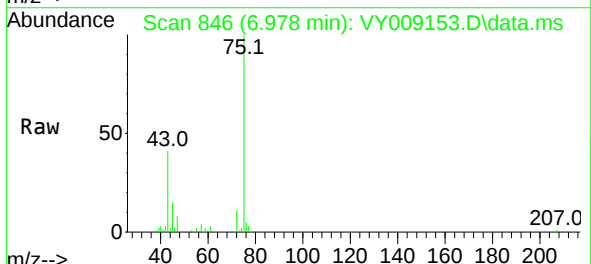
Instrument : MSVOA_Y
ClientSampleId : 20220423-AMENDED-COMPOSITE-C

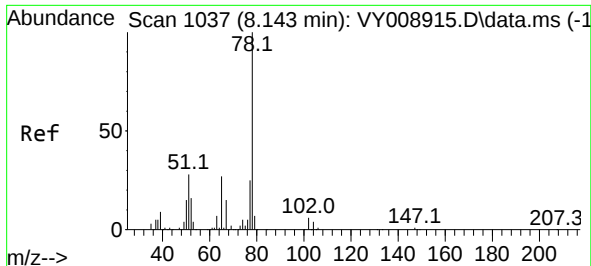
Tgt Ion: 76 Resp: 137347
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0



#25
2-Butanone
Concen: 23.112 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY009153.D
Acq: 06 Jun 2022 17:25

Tgt Ion: 43 Resp: 10091
Ion Ratio Lower Upper
43 100
72 26.1 17.7 26.5





#33

1,2-Dichloroethane-d4

Concen: 62.009 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. -0.007 min

Lab File: VY009153.D

Acq: 06 Jun 2022 17:25

Instrument :

MSVOA_Y

ClientSampleId :

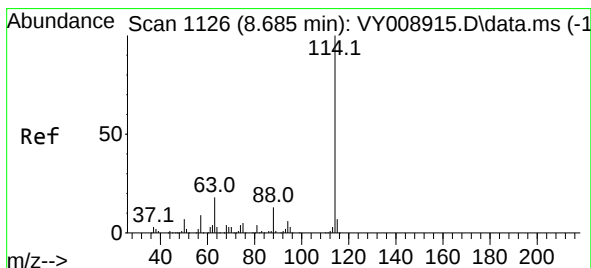
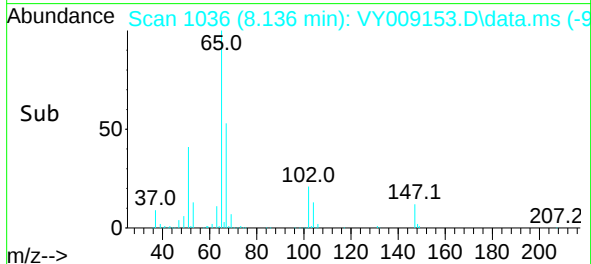
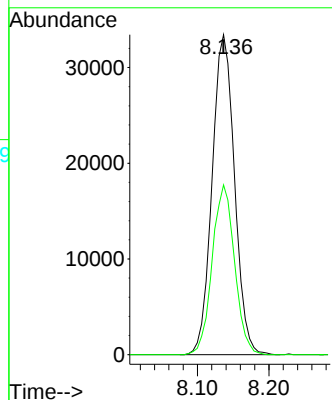
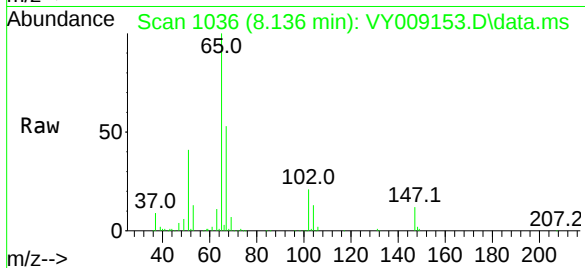
20220423-AMENDED-COMPOSITE-C

Tgt Ion: 65 Resp: 72820

Ion Ratio Lower Upper

65 100

67 52.9 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: VY009153.D

Acq: 06 Jun 2022 17:25

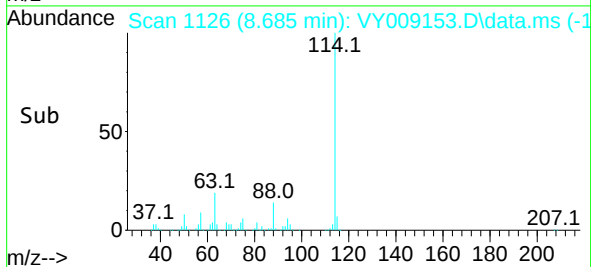
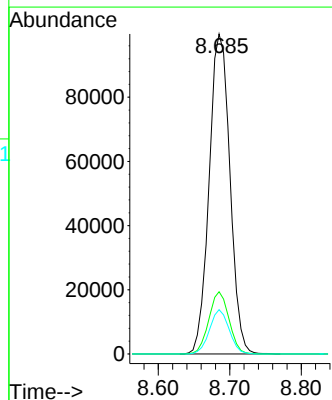
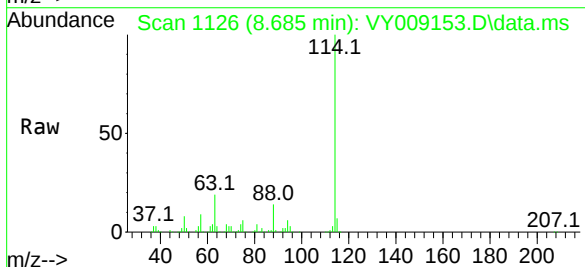
Tgt Ion:114 Resp: 201226

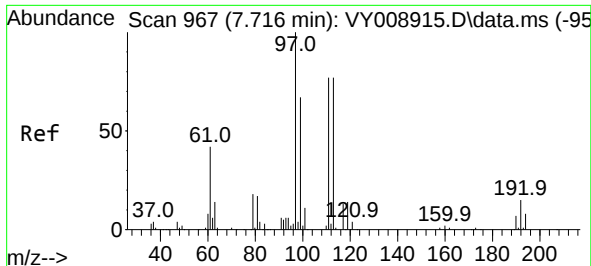
Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.2

88 13.8 0.0 31.8

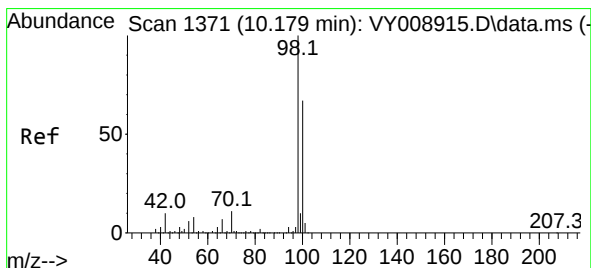
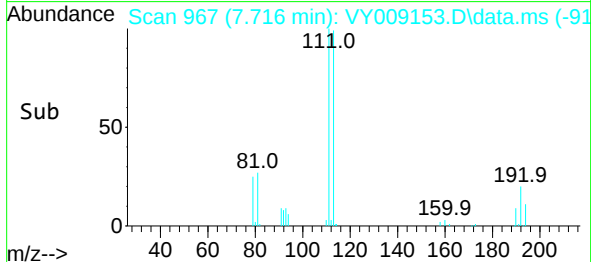
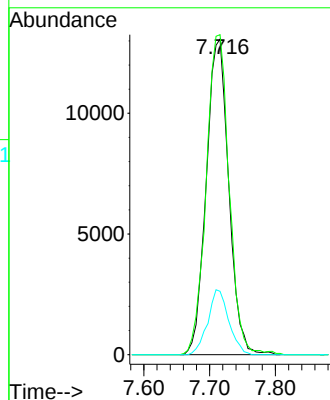
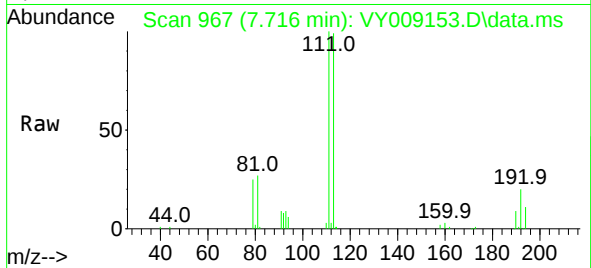




#35
Dibromofluoromethane
Concen: 24.872 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009153.D
Acq: 06 Jun 2022 17:25

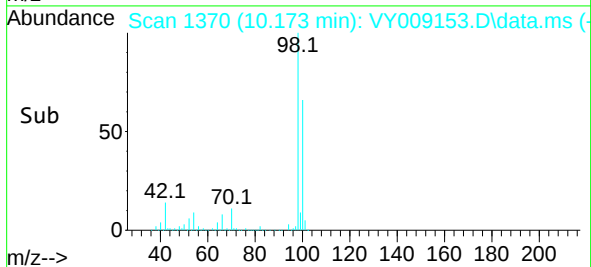
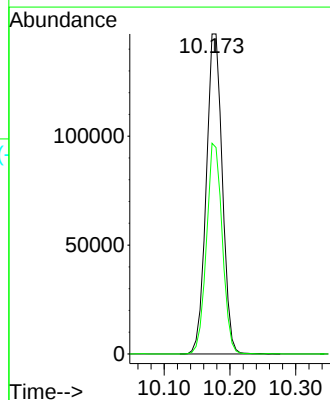
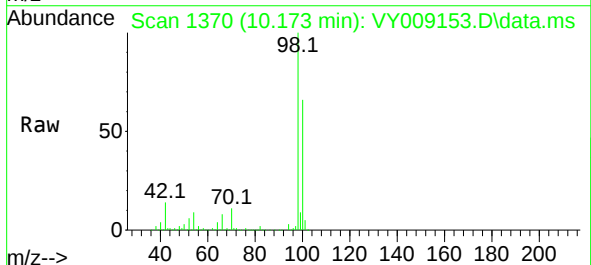
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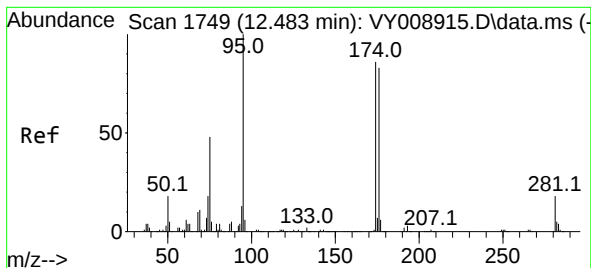
Tgt Ion:113 Resp: 31123
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 19.2 17.6 26.4



#50
Toluene-d8
Concen: 54.028 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY009153.D
Acq: 06 Jun 2022 17:25

Tgt Ion: 98 Resp: 249407
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2

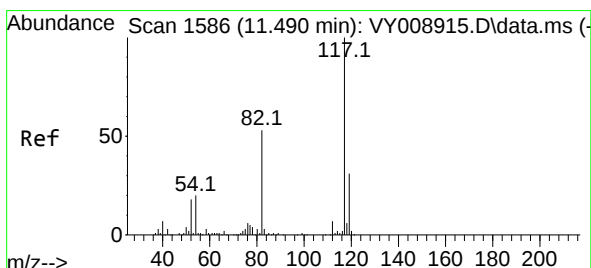
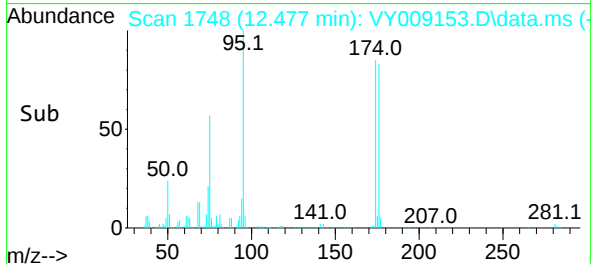
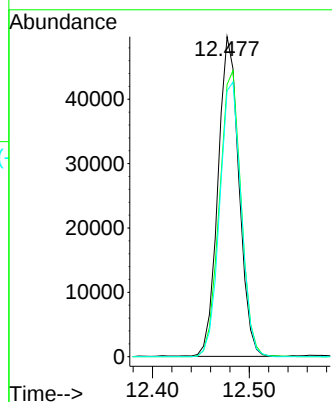
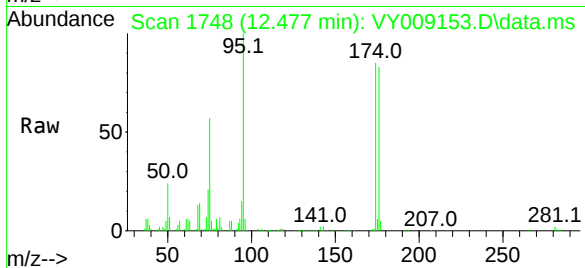




#62
4-Bromofluorobenzene
Concen: 40.041 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY009153.D
Acq: 06 Jun 2022 17:25

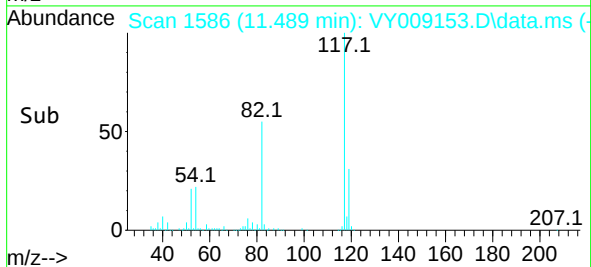
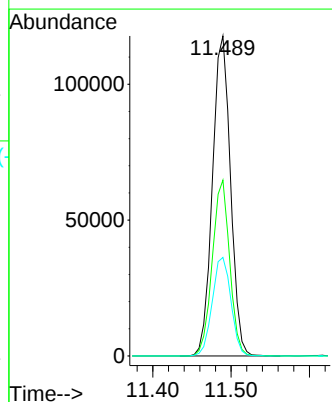
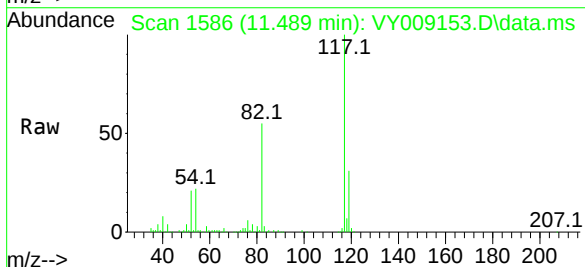
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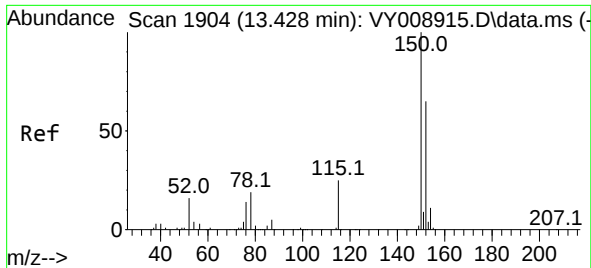
Tgt Ion: 95 Resp: 74562
Ion Ratio Lower Upper
95 100
174 92.0 0.0 177.0
176 87.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY009153.D
Acq: 06 Jun 2022 17:25

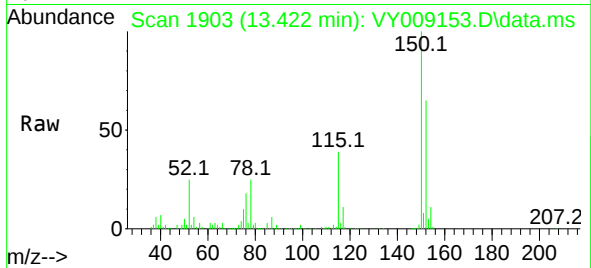
Tgt Ion: 117 Resp: 188441
Ion Ratio Lower Upper
117 100
82 55.0 43.0 64.4
119 30.8 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY009153.D
 Acq: 06 Jun 2022 17:25

Instrument : MSVOA_Y
 ClientSampleId : 20220423-AMENDED-COMPOSITE-C



Tgt Ion:152 Resp: 84130
 Ion Ratio Lower Upper
 152 100
 115 58.4 28.2 84.7
 150 159.3 0.0 347.6

