

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071222\
 Data File : VY009542.D
 Acq On : 12 Jul 2022 18:58
 Operator : KP/MD
 Sample : N3662-03
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220496B-SIM/C2B-COMPOSITE

Quant Time: Jul 13 01:16:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 11:00:56 2022
 Response via : Initial Calibration

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

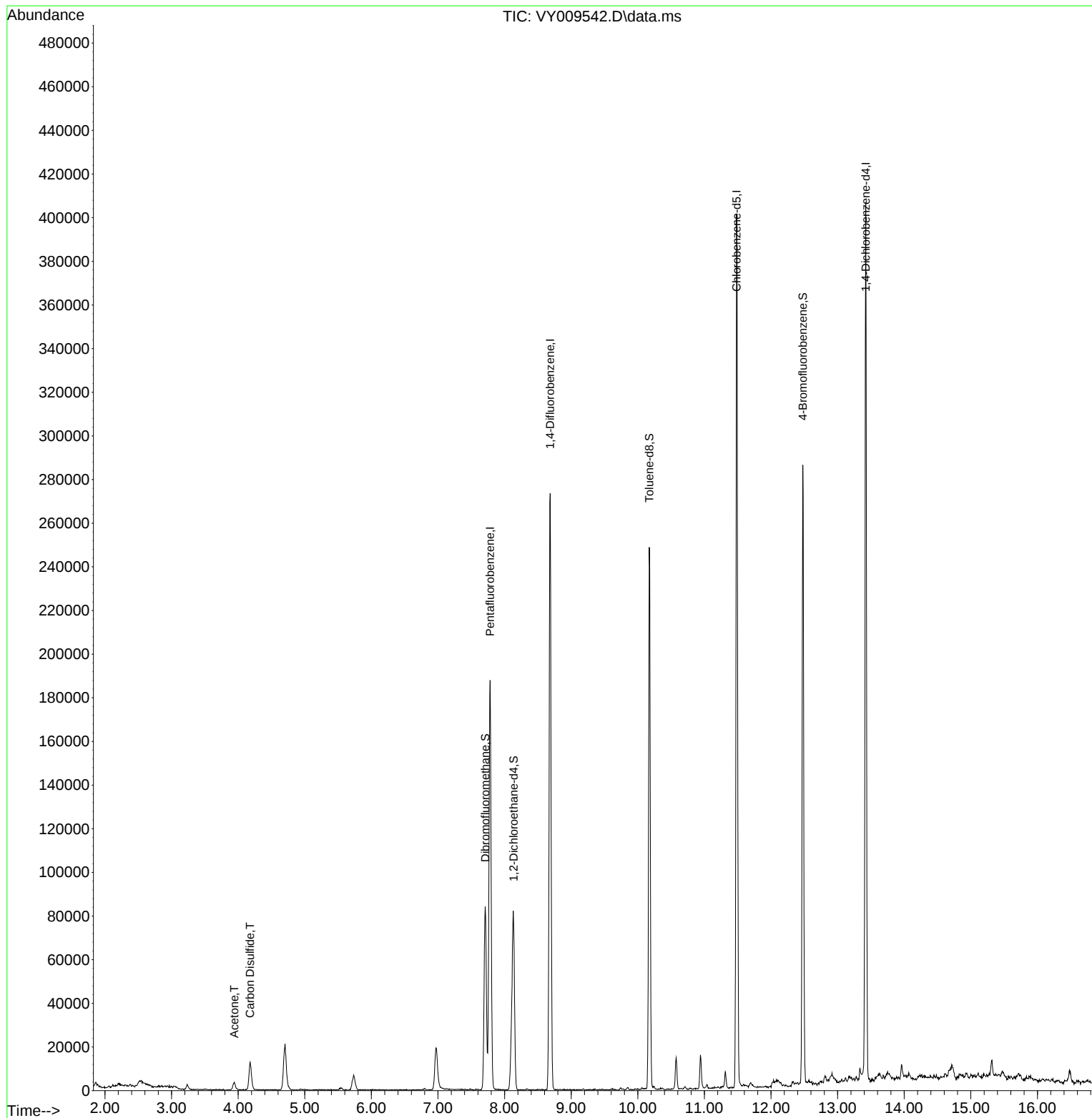
Internal Standards						
1) Pentafluorobenzene	7.783	168	147420	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	234887	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	213322	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	99801	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	55137	53.556	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.120%
35) Dibromofluoromethane	7.710	113	58313	47.182	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.360%
50) Toluene-d8	10.173	98	159968	46.667	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	93.340%
62) 4-Bromofluorobenzene	12.477	95	80613	46.208	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	92.420%
Target Compounds						Qvalue
16) Acetone	3.942	43	6007	16.750	ug/l	# 85
17) Carbon Disulfide	4.180	76	23981	9.876	ug/l	99

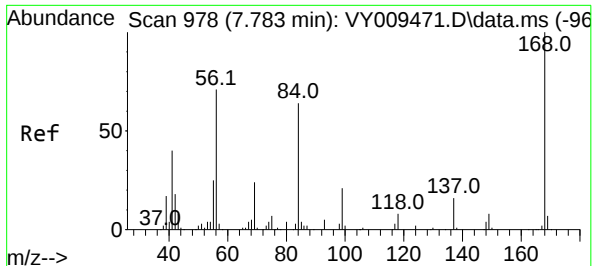
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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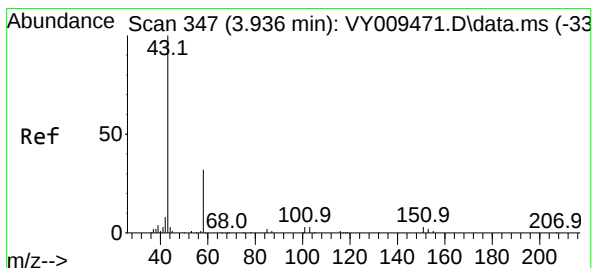
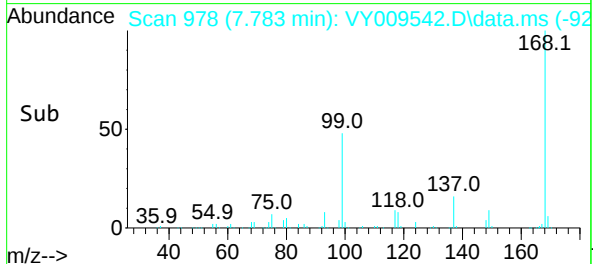
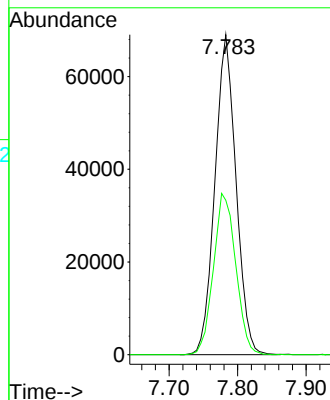
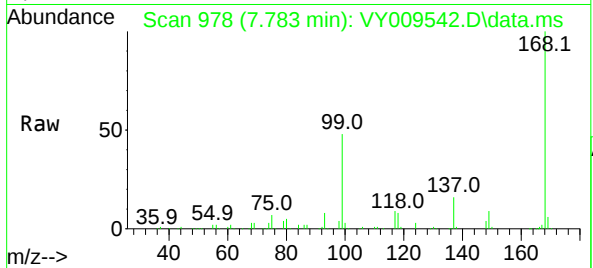




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009542.D
Acq: 12 Jul 2022 18:58

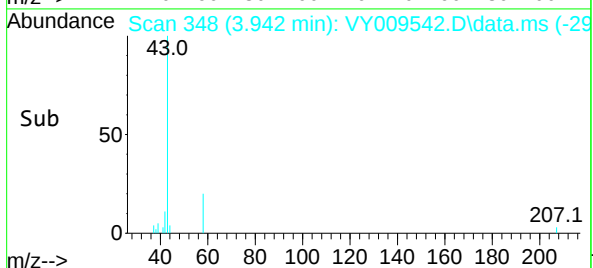
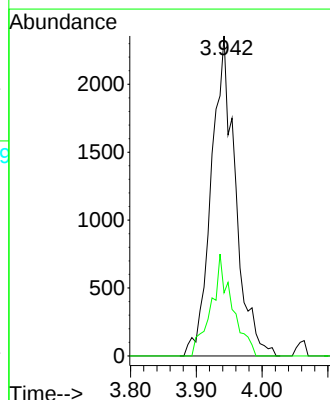
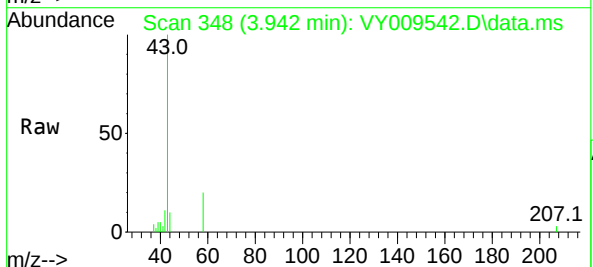
Instrument :
MSVOA_Y
ClientSampleId :
20220496B-SIM/C2B-COMPOSITE

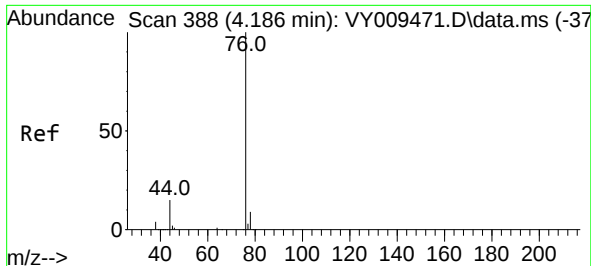
Tgt Ion:168 Resp: 147420
Ion Ratio Lower Upper
168 100
99 48.3 46.9 70.3



#16
Acetone
Concen: 16.750 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009542.D
Acq: 12 Jul 2022 18:58

Tgt Ion: 43 Resp: 6007
Ion Ratio Lower Upper
43 100
58 19.7 22.0 33.0#

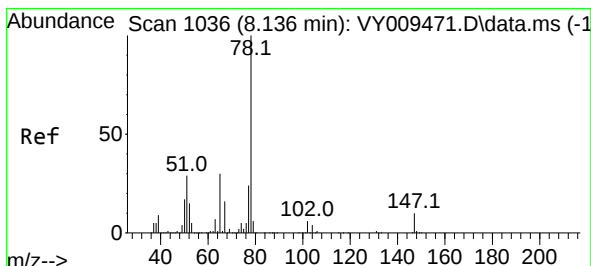
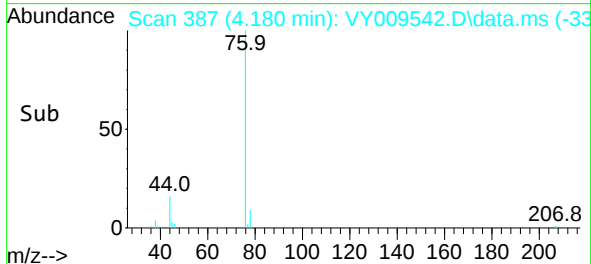
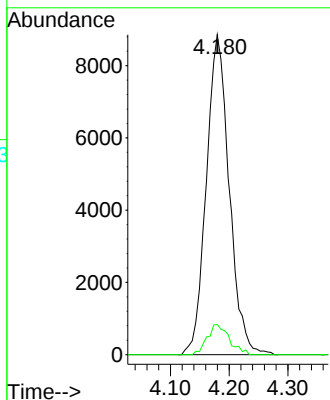
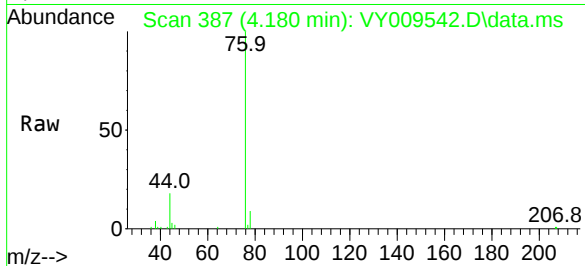




#17
Carbon Disulfide
Concen: 9.876 ug/l
RT: 4.180 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY009542.D
Acq: 12 Jul 2022 18:58

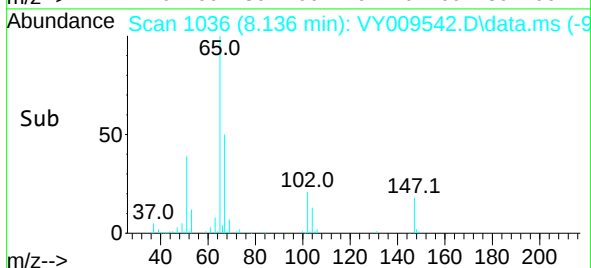
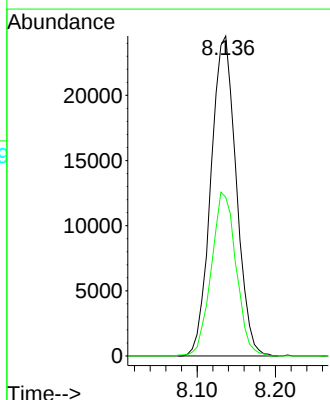
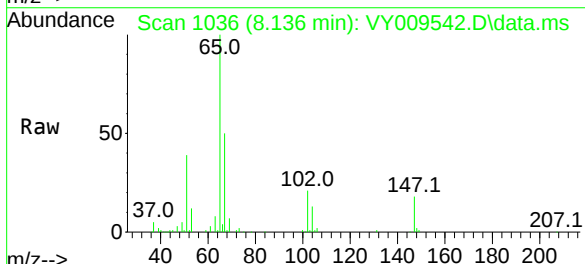
Instrument : MSVOA_Y
ClientSampleId : 20220496B-SIM/C2B-COMPOSITE

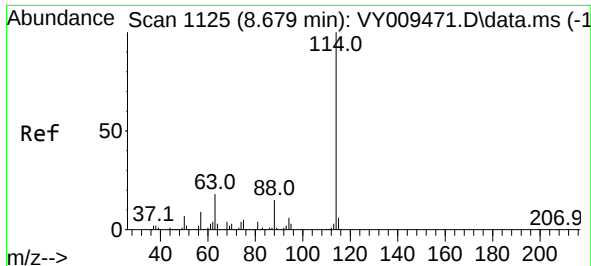
Tgt Ion: 76 Resp: 23981
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#33
1,2-Dichloroethane-d4
Concen: 53.556 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009542.D
Acq: 12 Jul 2022 18:58

Tgt Ion: 65 Resp: 55137
Ion Ratio Lower Upper
65 100
67 50.2 0.0 99.4

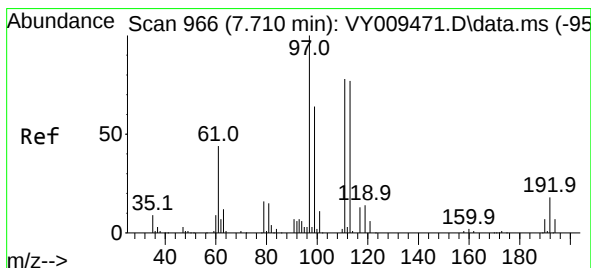
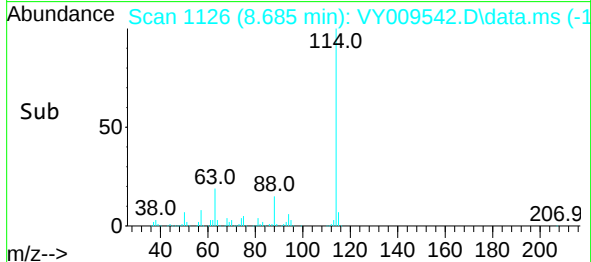
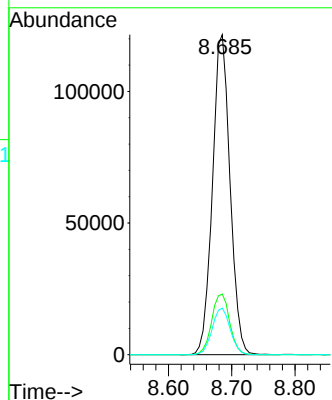
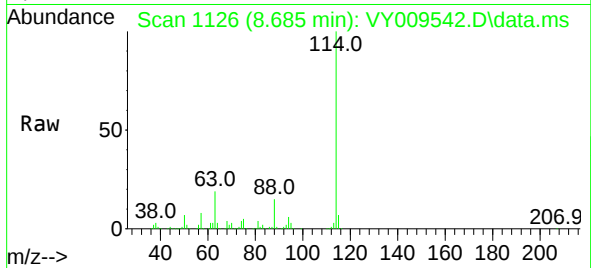




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1125
Delta R.T. 0.006 min
Lab File: VY009542.D
Acq: 12 Jul 2022 18:58

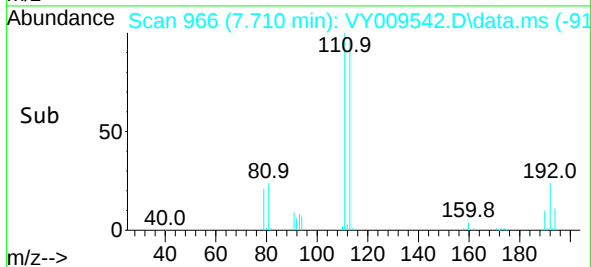
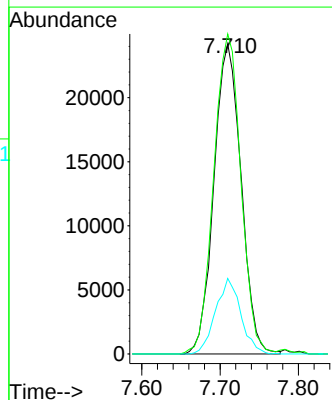
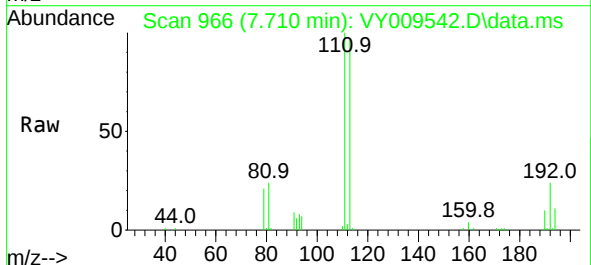
Instrument : MSVOA_Y
ClientSampleId : 20220496B-SIM/C2B-COMPOSITE

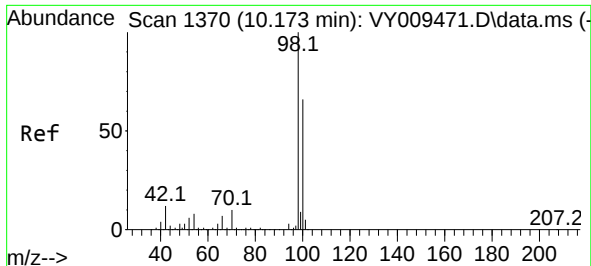
Tgt Ion:114 Resp: 234887
Ion Ratio Lower Upper
114 100
63 19.0 0.0 43.2
88 14.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.182 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY009542.D
Acq: 12 Jul 2022 18:58

Tgt Ion:113 Resp: 58313
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 22.6 17.6 26.4

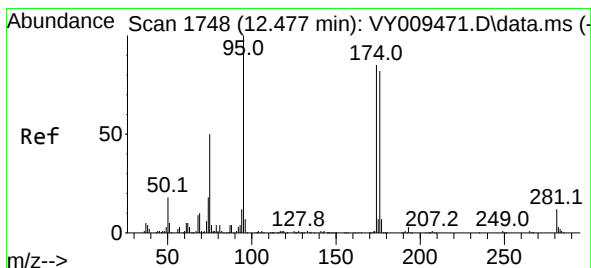
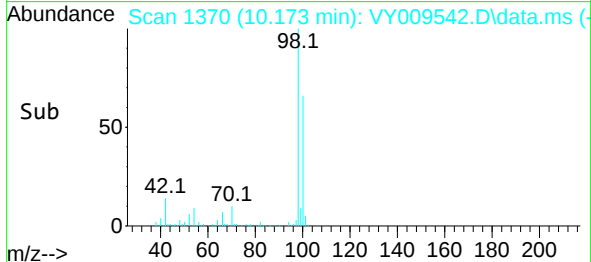
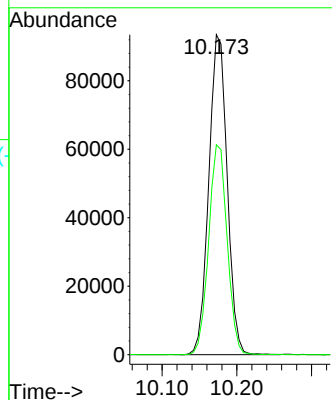
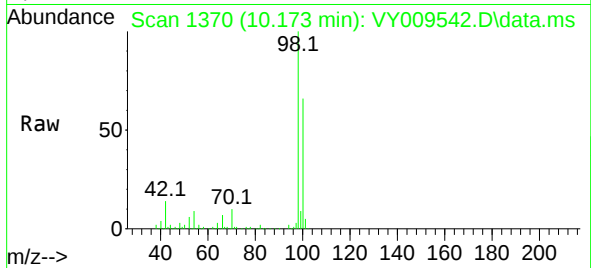




#50
Toluene-d8
Concen: 46.667 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009542.D
Acq: 12 Jul 2022 18:58

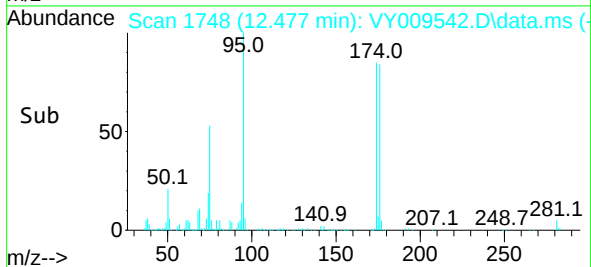
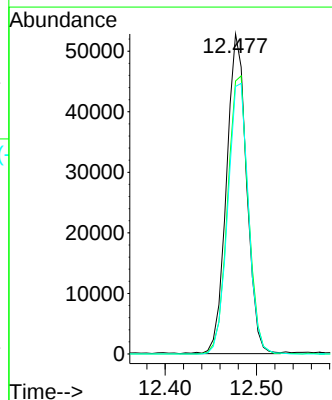
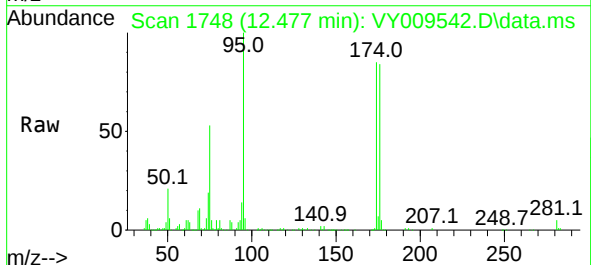
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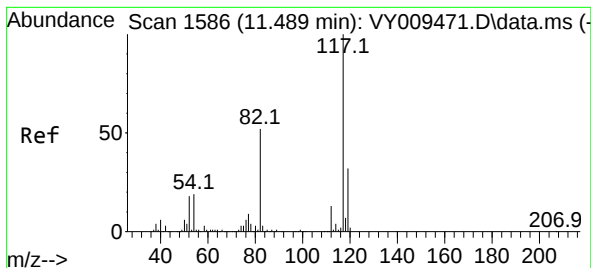
Tgt Ion: 98 Resp: 159968
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.208 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009542.D
Acq: 12 Jul 2022 18:58

Tgt Ion: 95 Resp: 80613
Ion Ratio Lower Upper
95 100
174 89.4 0.0 177.0
176 86.8 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY009542.D

Acq: 12 Jul 2022 18:58

Instrument :

MSVOA_Y

ClientSampleId :

20220496B-SIM/C2B-COMPOSITE

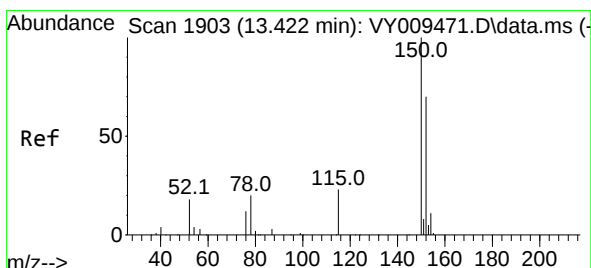
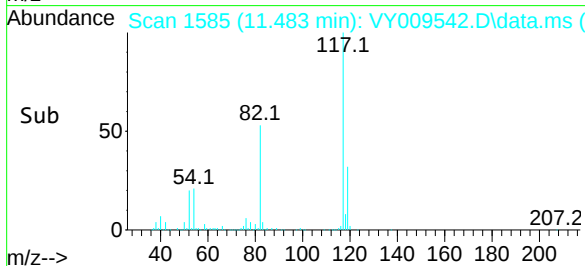
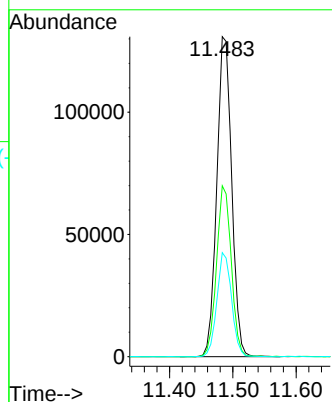
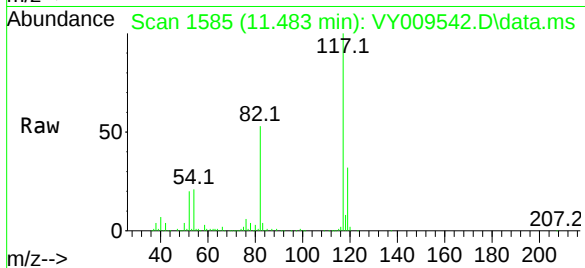
Tgt Ion:117 Resp: 213322

Ion Ratio Lower Upper

117 100

82 53.4 43.0 64.4

119 32.5 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY009542.D

Acq: 12 Jul 2022 18:58

Tgt Ion:152 Resp: 99801

Ion Ratio Lower Upper

152 100

115 56.4 28.2 84.7

150 156.7 0.0 347.6

