

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070822\
 Data File : VY009481.D
 Acq On : 08 Jul 2022 14:37
 Operator : KP/MD
 Sample : N3595-01
 Misc : 6.56g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220487A-5A

Quant Time: Jul 11 02:14:27 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)

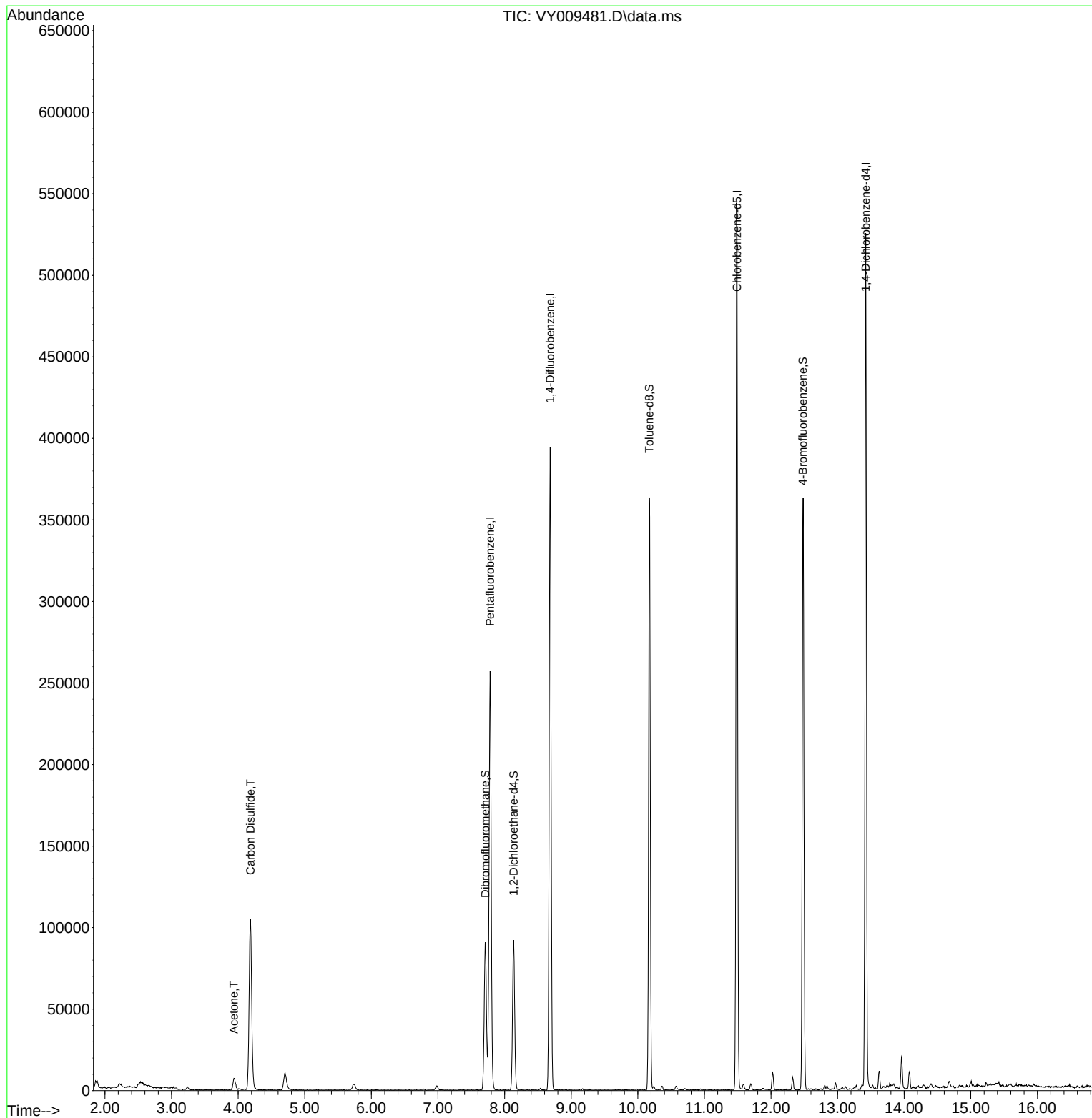
Internal Standards						
1) Pentafluorobenzene	7.782	168	199358	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	330900	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	297358	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	129485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	70216	50.000	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.000%
35) Dibromofluoromethane	7.709	113	61439	35.288	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	70.580%
50) Toluene-d8	10.172	98	233977	48.823	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	97.640%
62) 4-Bromofluorobenzene	12.477	95	75914	30.888	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	61.780%
Target Compounds						
						Qvalue
16) Acetone	3.936	43	13110	27.033	ug/l	92
17) Carbon Disulfide	4.186	76	212267	40.125	ug/l	98

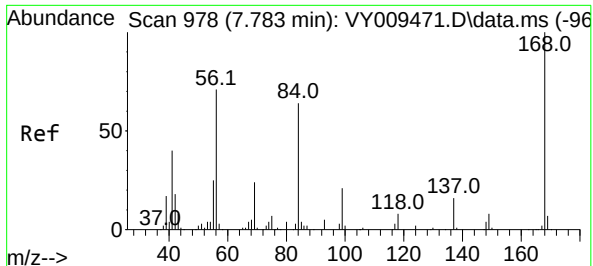
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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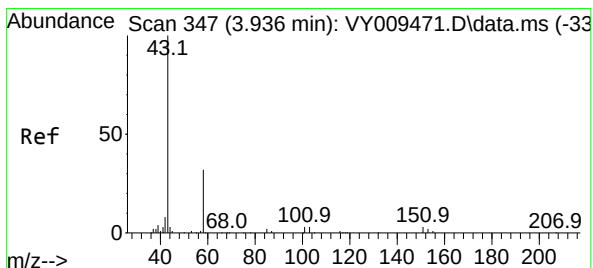
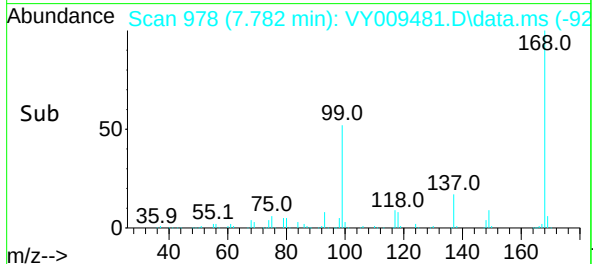
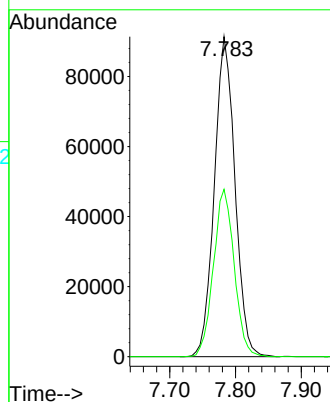
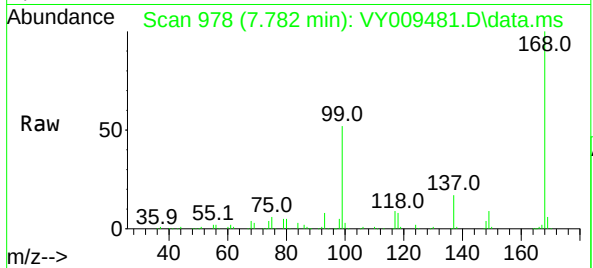




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY009481.D
Acq: 08 Jul 2022 14:37

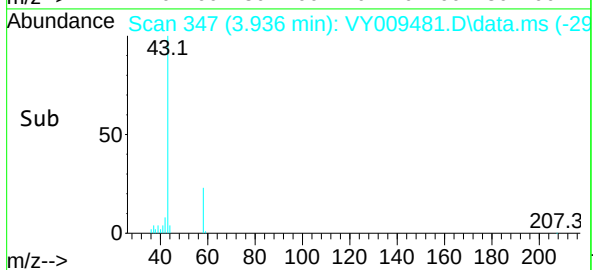
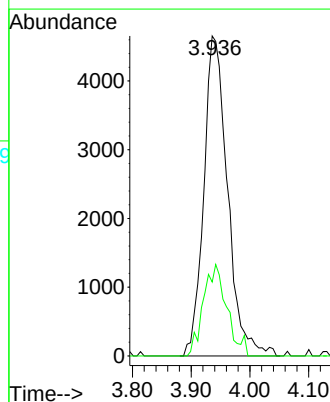
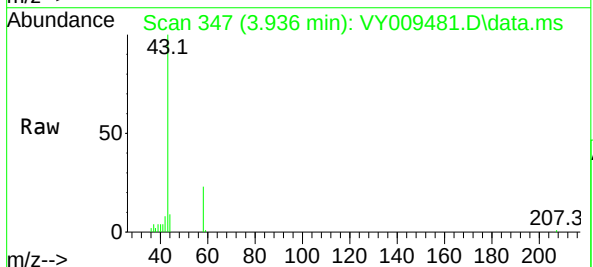
Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5A

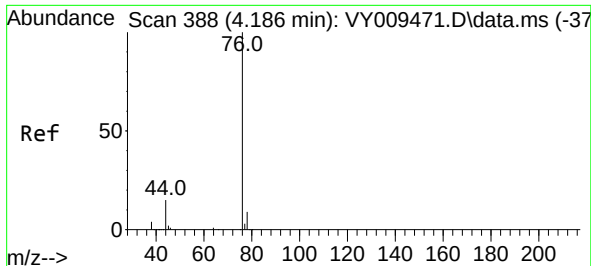
Tgt Ion:168 Resp: 199358
Ion Ratio Lower Upper
168 100
99 52.3 46.9 70.3



#16
Acetone
Concen: 27.033 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009481.D
Acq: 08 Jul 2022 14:37

Tgt Ion: 43 Resp: 13110
Ion Ratio Lower Upper
43 100
58 23.1 22.0 33.0

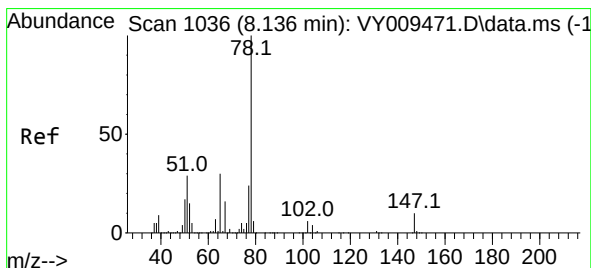
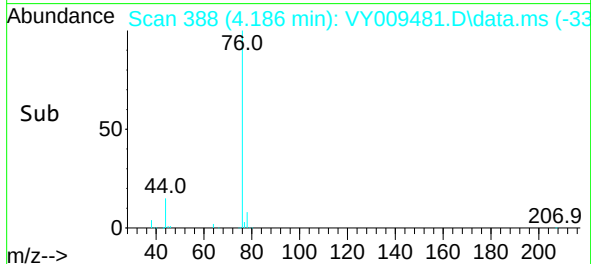
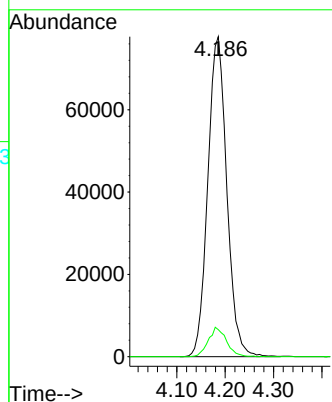
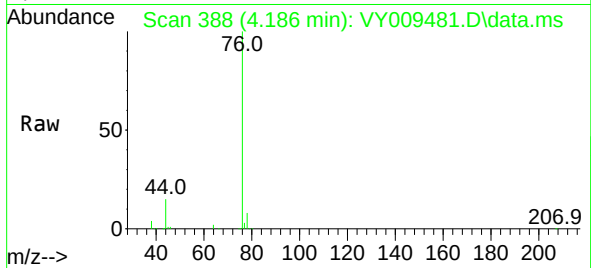




#17
Carbon Disulfide
Concen: 40.125 ug/l
RT: 4.186 min Scan# 311
Delta R.T. -0.000 min
Lab File: VY009481.D
Acq: 08 Jul 2022 14:37

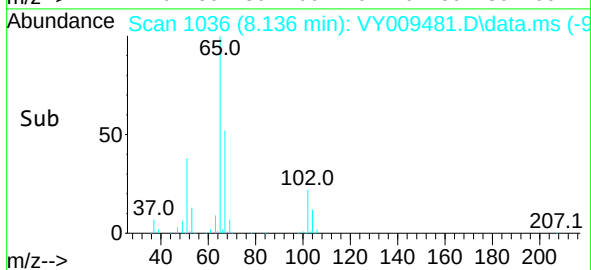
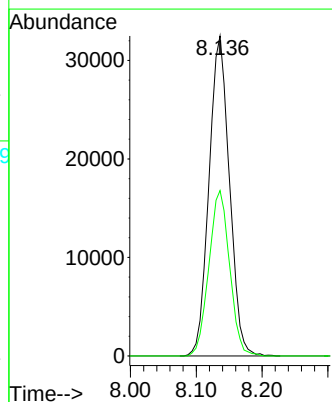
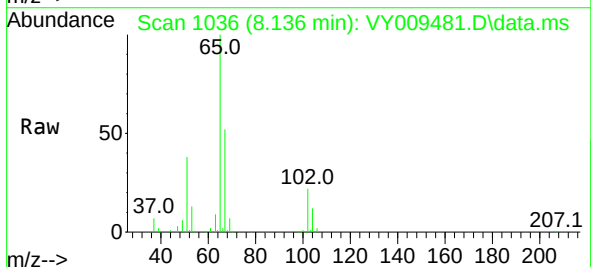
Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5A

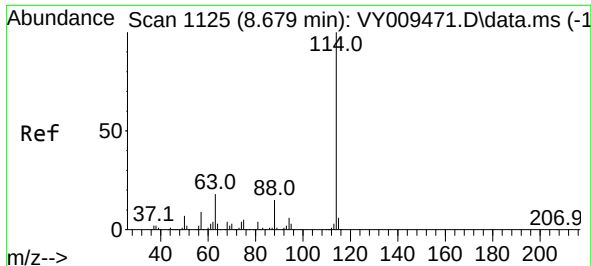
Tgt Ion: 76 Resp: 212267
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0



#33
1,2-Dichloroethane-d4
Concen: 50.000 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009481.D
Acq: 08 Jul 2022 14:37

Tgt Ion: 65 Resp: 70216
Ion Ratio Lower Upper
65 100
67 52.4 0.0 99.4

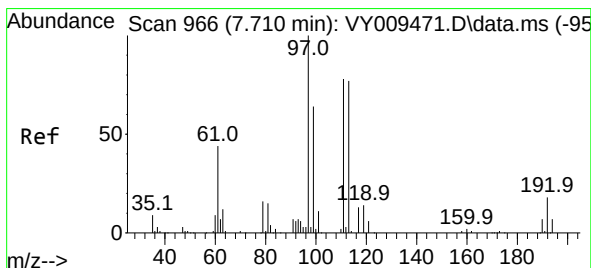
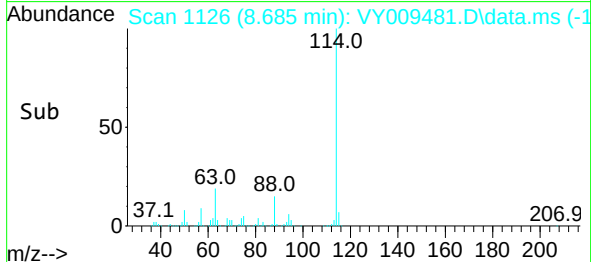
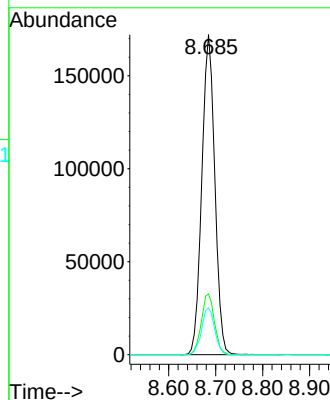
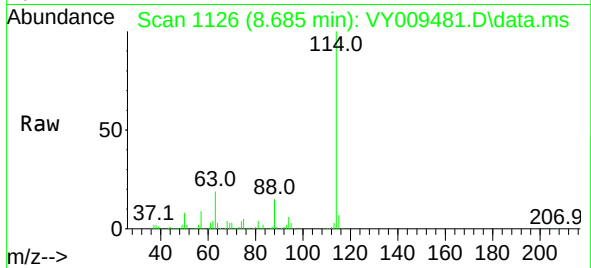




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1125
Delta R.T. 0.006 min
Lab File: VY009481.D
Acq: 08 Jul 2022 14:37

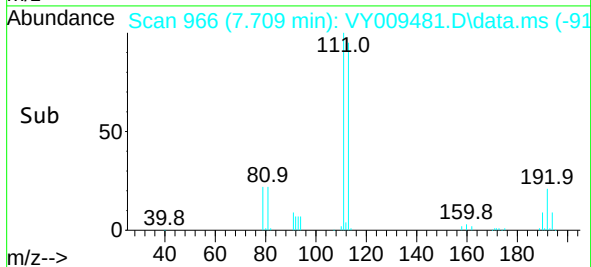
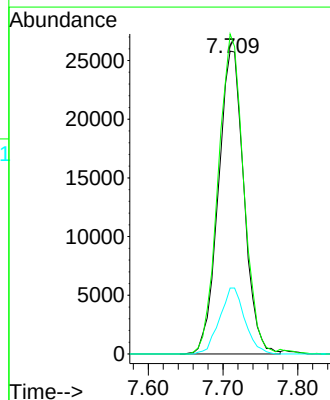
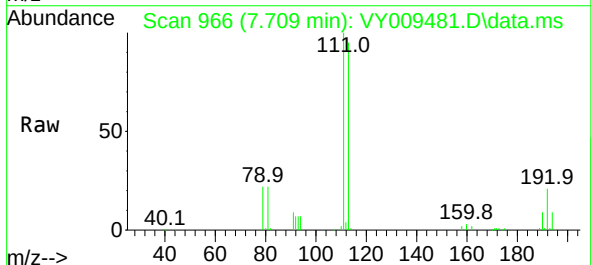
Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5A

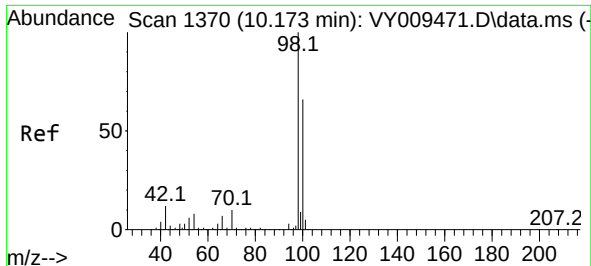
Tgt Ion:114 Resp: 330900
Ion Ratio Lower Upper
114 100
63 19.0 0.0 43.2
88 14.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 35.288 ug/l
RT: 7.709 min Scan# 966
Delta R.T. -0.001 min
Lab File: VY009481.D
Acq: 08 Jul 2022 14:37

Tgt Ion:113 Resp: 61439
Ion Ratio Lower Upper
113 100
111 104.9 82.6 124.0
192 21.4 17.6 26.4

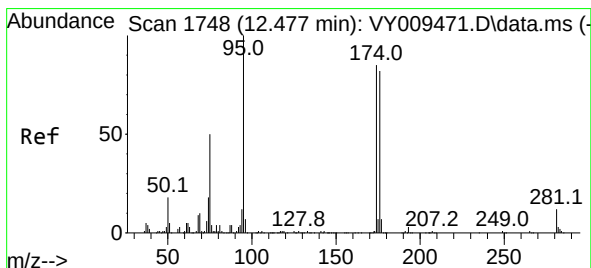
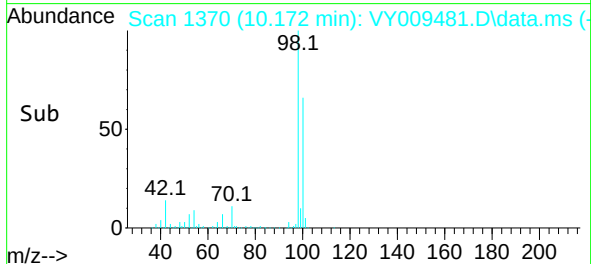
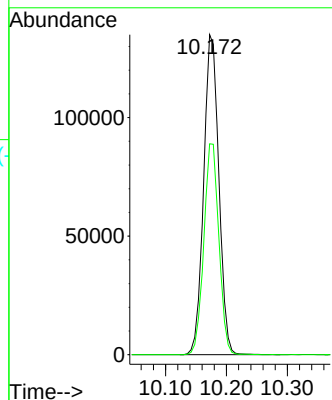
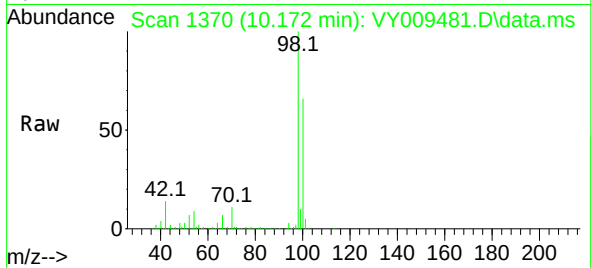




#50
Toluene-d8
Concen: 48.823 ug/l
RT: 10.172 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009481.D
Acq: 08 Jul 2022 14:37

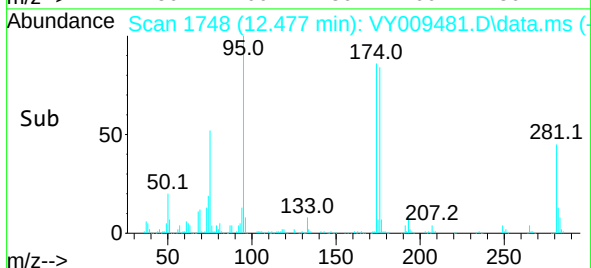
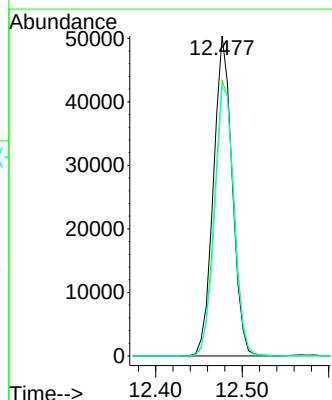
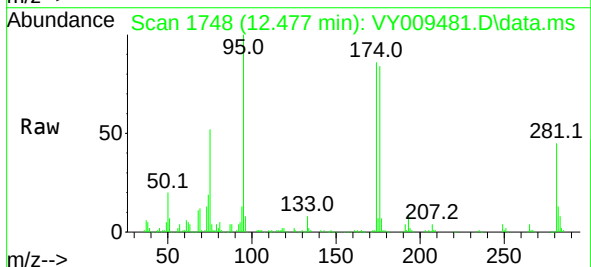
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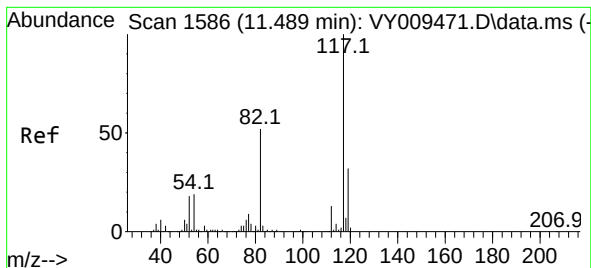
Tgt Ion: 98 Resp: 233977
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 30.888 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009481.D
Acq: 08 Jul 2022 14:37

Tgt Ion: 95 Resp: 75914
Ion Ratio Lower Upper
95 100
174 89.3 0.0 177.0
176 86.6 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009481.D

Acq: 08 Jul 2022 14:37

Instrument :

MSVOA_Y

ClientSampleId :

20220487A-5A

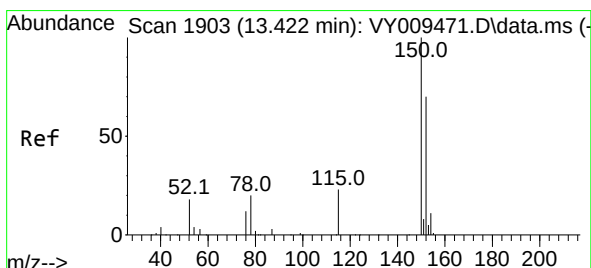
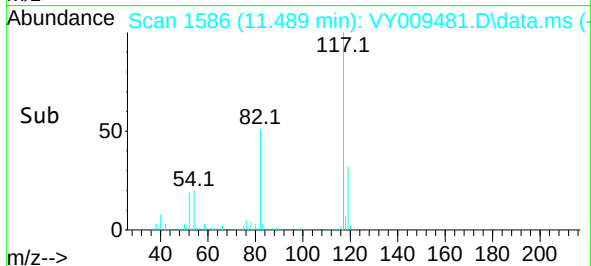
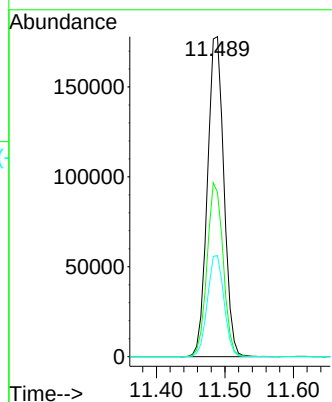
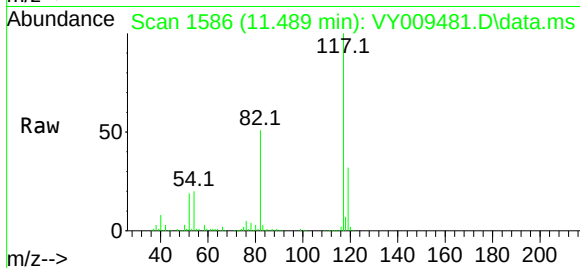
Tgt Ion:117 Resp: 297358

Ion Ratio Lower Upper

117 100

82 51.3 43.0 64.4

119 31.6 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY009481.D

Acq: 08 Jul 2022 14:37

Tgt Ion:152 Resp: 129485

Ion Ratio Lower Upper

152 100

115 56.2 28.2 84.7

150 155.1 0.0 347.6

