

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070822\
 Data File : VY009492.D
 Acq On : 08 Jul 2022 18:56
 Operator : KP/MD
 Sample : N3595-12
 Misc : 7.45g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220490C-8C

Quant Time: Jul 11 02:16:12 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)

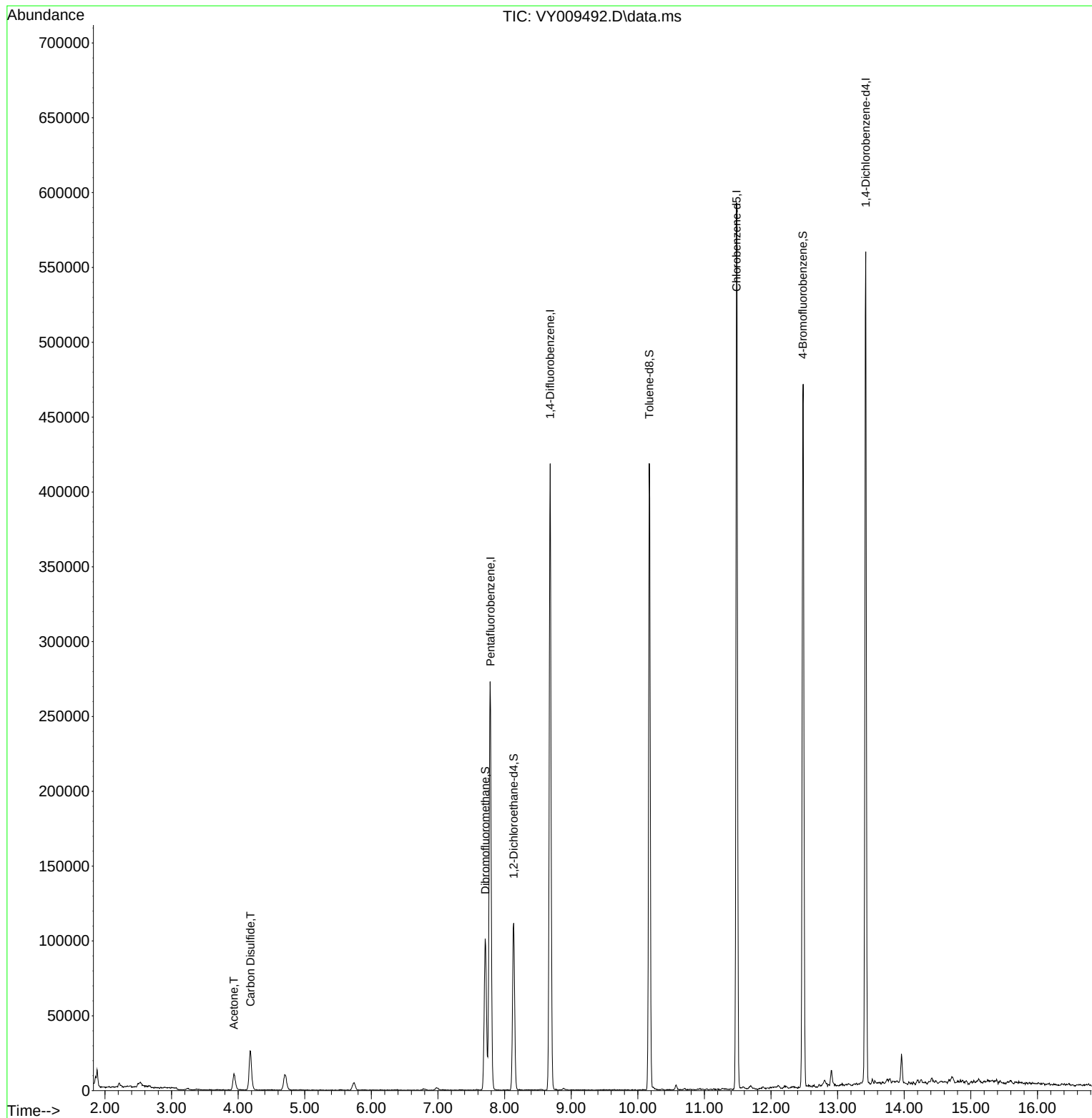
Internal Standards						
1) Pentafluorobenzene	7.789	168	214670	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	345516	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	310796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	142396	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	85560	57.561	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.120%
35) Dibromofluoromethane	7.710	113	70206	38.617	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	77.240%
50) Toluene-d8	10.173	98	266398	54.113	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	108.220%
62) 4-Bromofluorobenzene	12.477	95	95653	37.273	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	74.540%
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	18775	35.952	ug/l	96
17) Carbon Disulfide	4.186	76	50524	12.313	ug/l	100

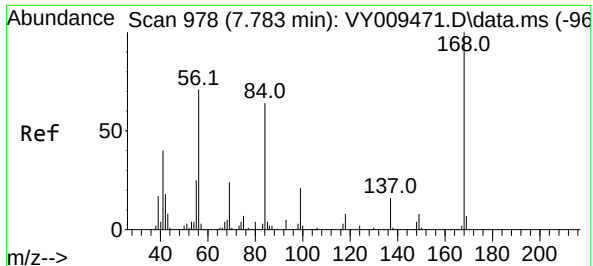
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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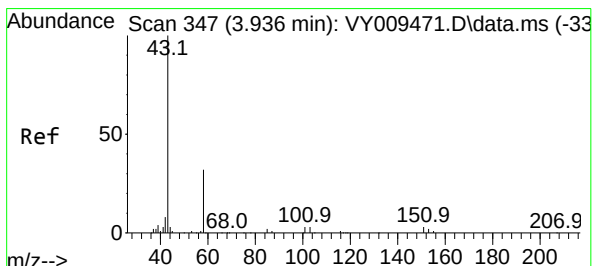
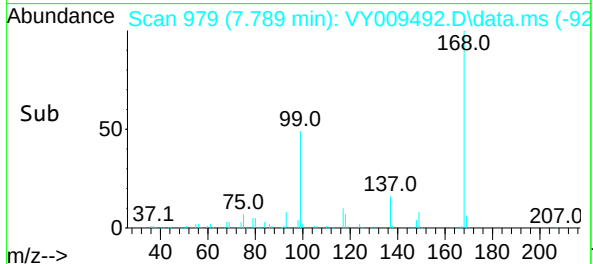
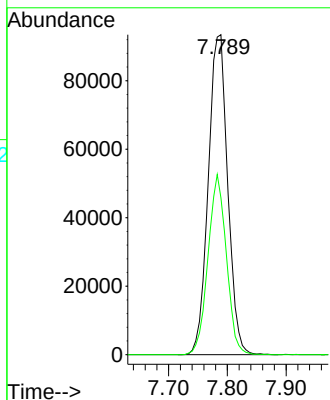
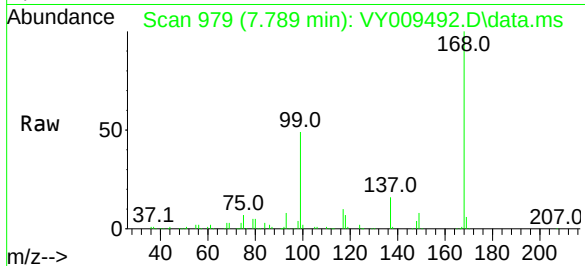




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009492.D
Acq: 08 Jul 2022 18:56

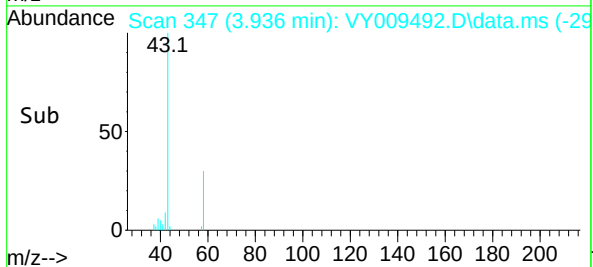
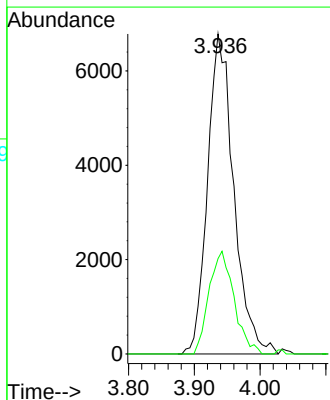
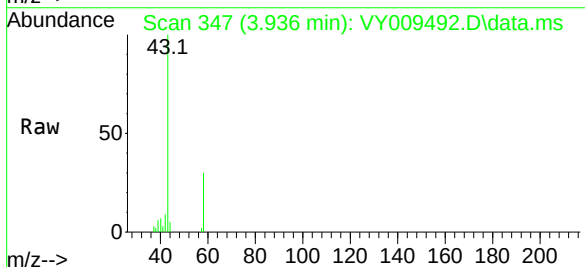
Instrument :
MSVOA_Y
ClientSampleId :
20220490C-8C

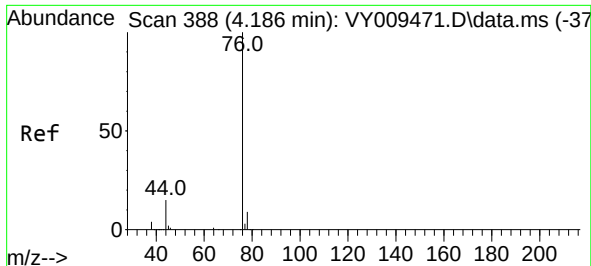
Tgt Ion:168 Resp: 214670
Ion Ratio Lower Upper
168 100
99 49.0 46.9 70.3



#16
Acetone
Concen: 35.952 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009492.D
Acq: 08 Jul 2022 18:56

Tgt Ion: 43 Resp: 18775
Ion Ratio Lower Upper
43 100
58 29.8 22.0 33.0

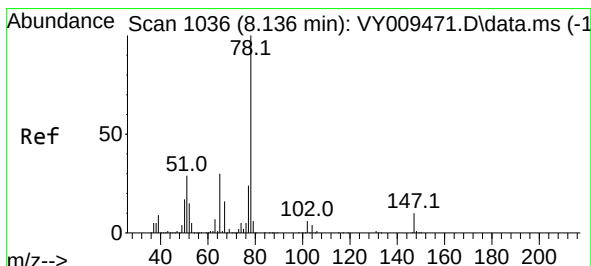
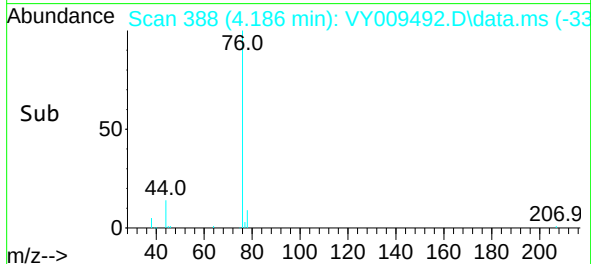
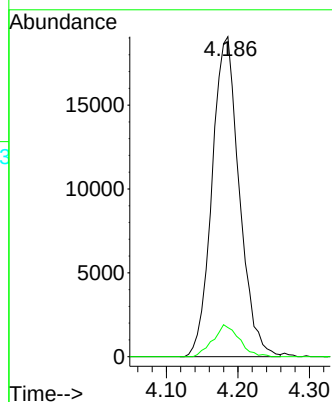
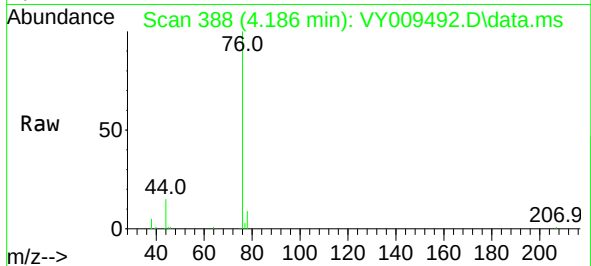




#17
Carbon Disulfide
Concen: 12.313 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY009492.D
Acq: 08 Jul 2022 18:56

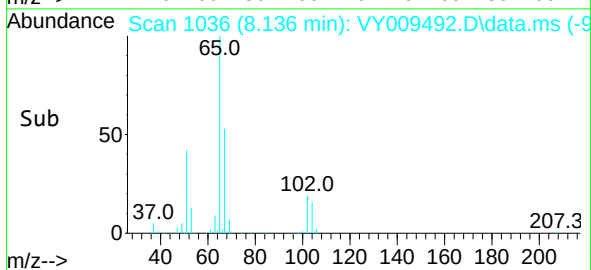
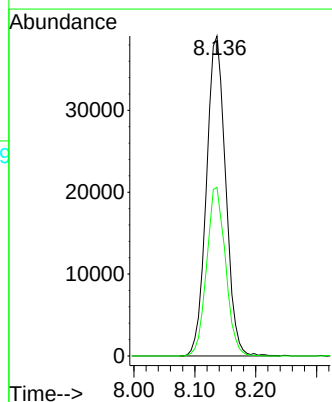
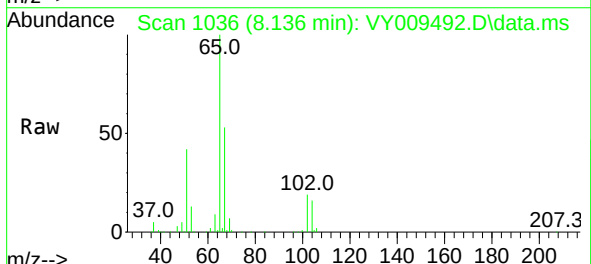
Instrument :
MSVOA_Y
ClientSampleId :
20220490C-8C

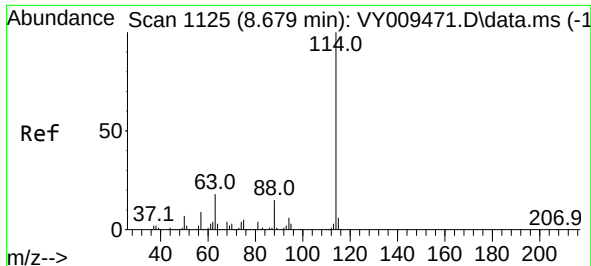
Tgt Ion: 76 Resp: 50524
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#33
1,2-Dichloroethane-d4
Concen: 57.561 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009492.D
Acq: 08 Jul 2022 18:56

Tgt Ion: 65 Resp: 85560
Ion Ratio Lower Upper
65 100
67 51.9 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: VY009492.D

Acq: 08 Jul 2022 18:56

Instrument :

MSVOA_Y

ClientSampleId :

20220490C-8C

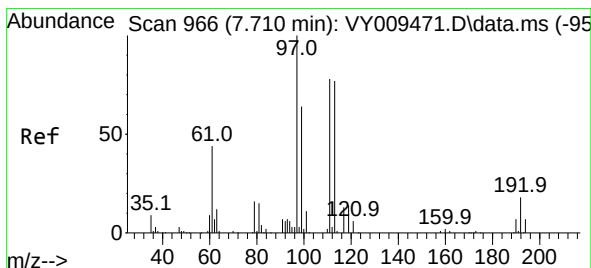
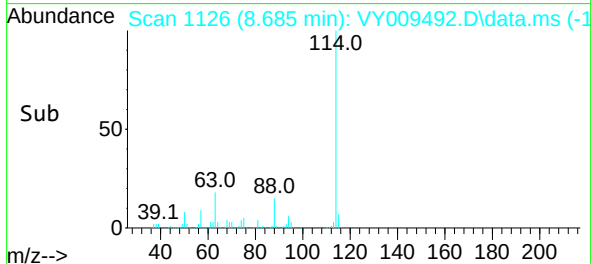
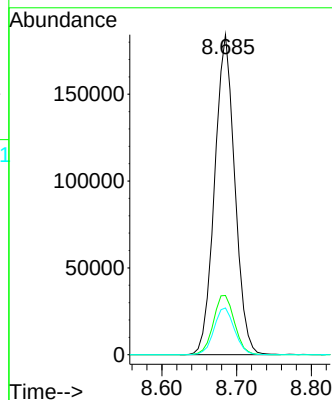
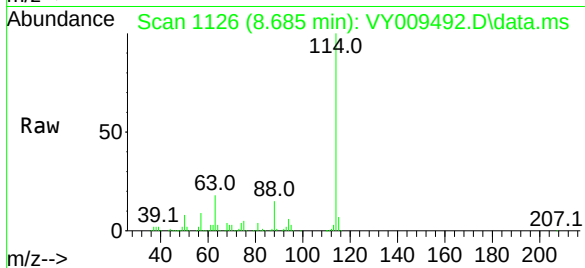
Tgt Ion:114 Resp: 345516

Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

88 14.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 38.617 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009492.D

Acq: 08 Jul 2022 18:56

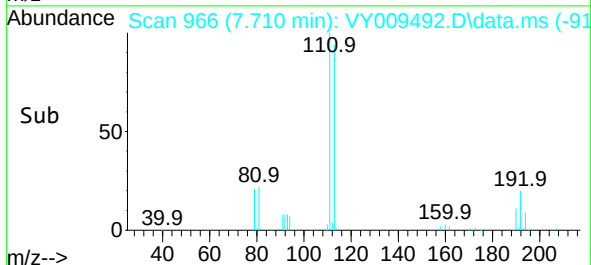
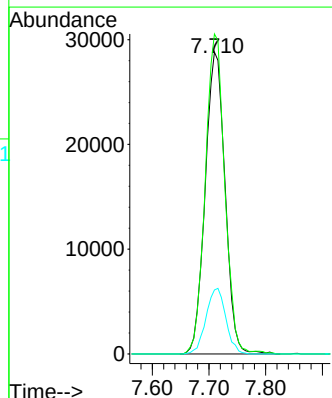
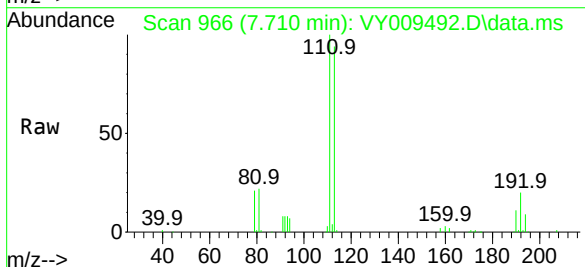
Tgt Ion:113 Resp: 70206

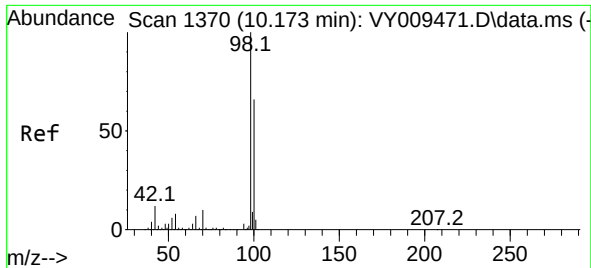
Ion Ratio Lower Upper

113 100

111 103.5 82.6 124.0

192 21.6 17.6 26.4

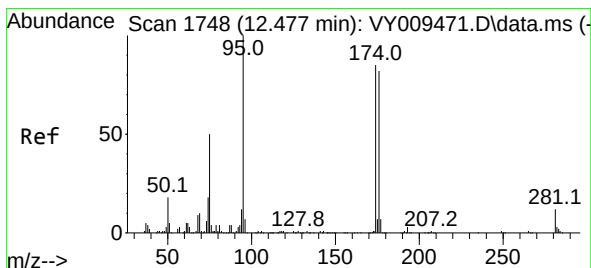
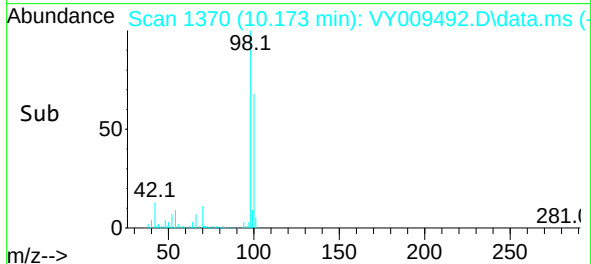
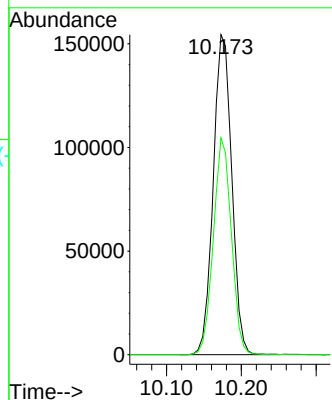
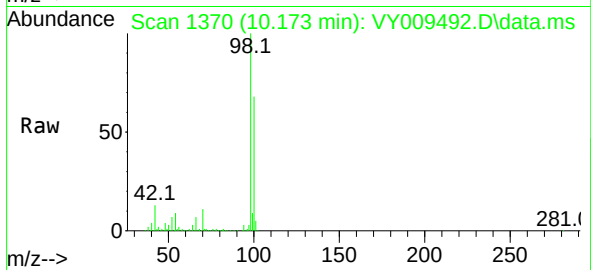




#50
Toluene-d8
Concen: 54.113 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009492.D
Acq: 08 Jul 2022 18:56

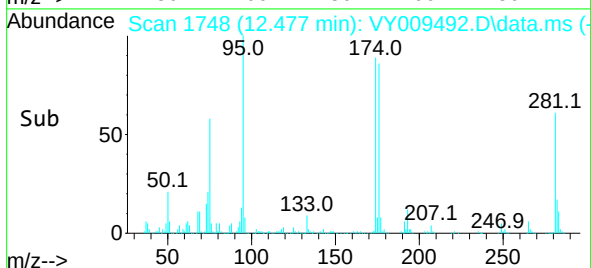
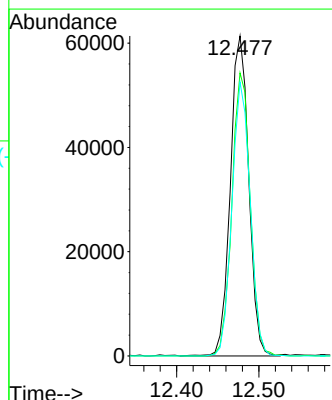
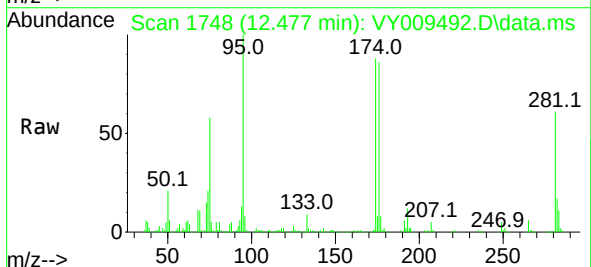
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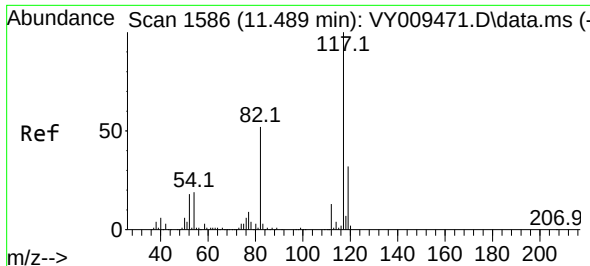
Tgt Ion: 98 Resp: 266398
Ion Ratio Lower Upper
98 100
100 65.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 37.273 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009492.D
Acq: 08 Jul 2022 18:56

Tgt Ion: 95 Resp: 95653
Ion Ratio Lower Upper
95 100
174 88.0 0.0 177.0
176 84.8 0.0 175.8

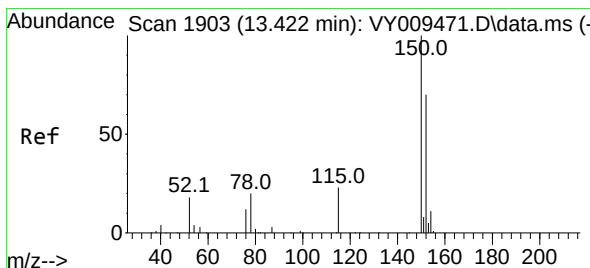
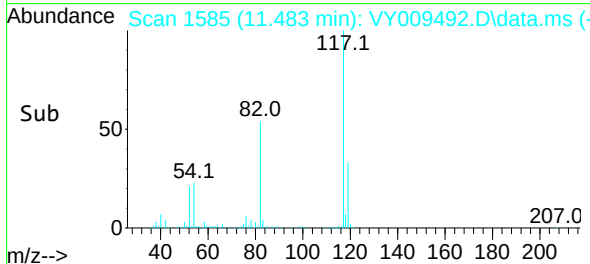
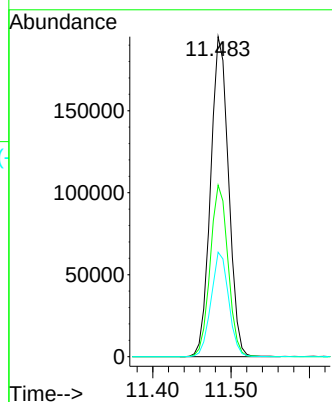
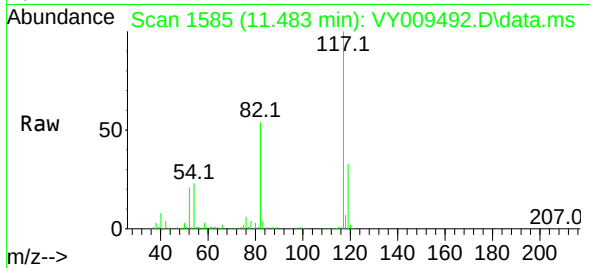




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009492.D
Acq: 08 Jul 2022 18:56

Instrument :
MSVOA_Y
ClientSampleId :
20220490C-8C

Tgt Ion:117 Resp: 310796
Ion Ratio Lower Upper
117 100
82 53.6 43.0 64.4
119 32.7 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: VY009492.D
Acq: 08 Jul 2022 18:56

Tgt Ion:152 Resp: 142396
Ion Ratio Lower Upper
152 100
115 55.7 28.2 84.7
150 157.7 0.0 347.6

