

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070822\
 Data File : VY009490.D
 Acq On : 08 Jul 2022 18:10
 Operator : KP/MD
 Sample : N3595-10
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220490A-8A

Quant Time: Jul 11 02:15:54 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)

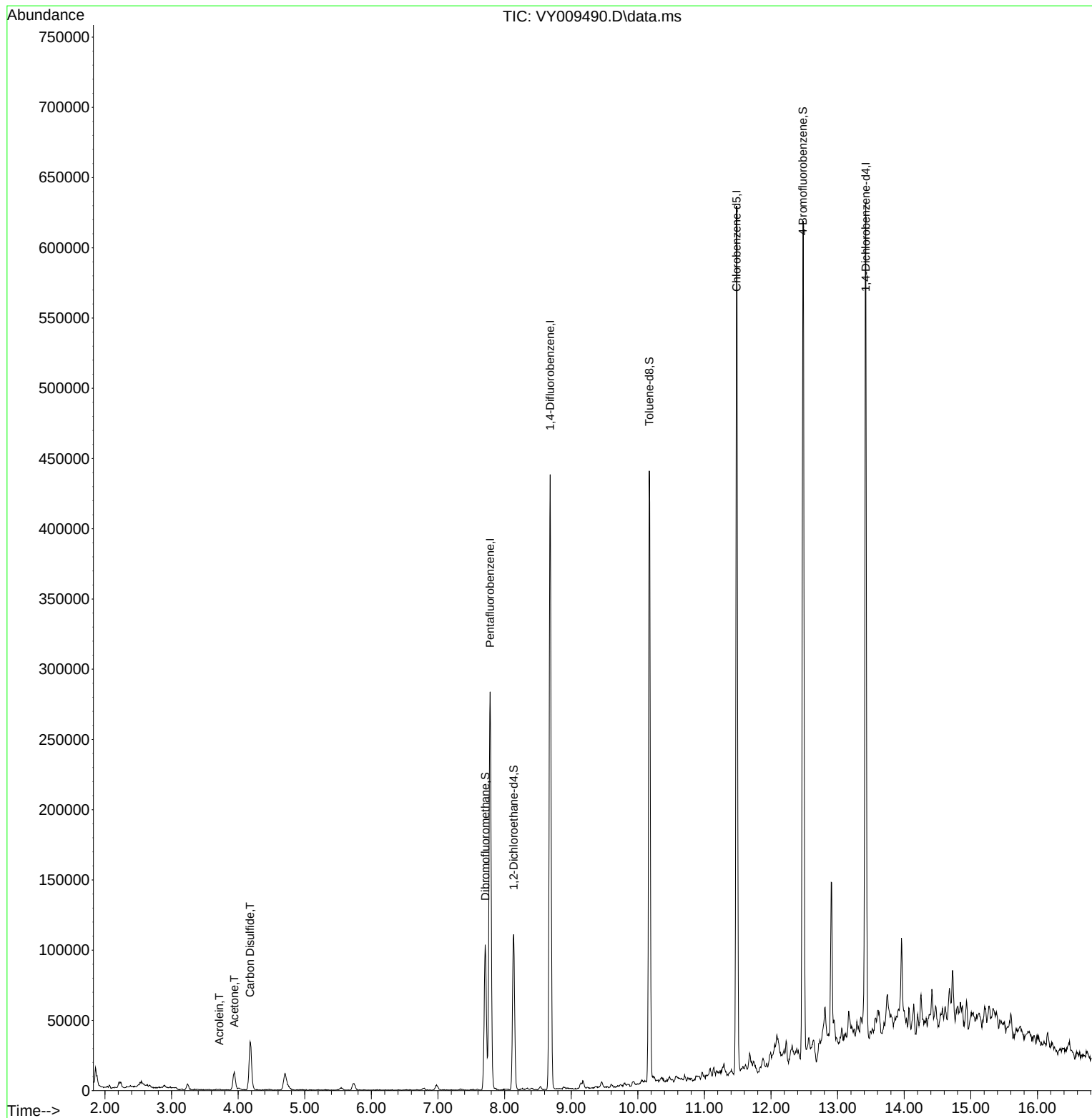
Internal Standards						
1) Pentafluorobenzene	7.783	168	225263	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	368790	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	328439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	149332	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	84729	53.902	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.800%	
35) Dibromofluoromethane	7.710	113	71496	36.845	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 73.680%	
50) Toluene-d8	10.173	98	286697	54.642	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 109.280%	
62) 4-Bromofluorobenzene	12.477	95	102809	37.534	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 75.060%	
Target Compounds						
						Qvalue
13) Acrolein	3.716	56	471	32.561	ug/l	89
16) Acetone	3.942	43	22234	40.574	ug/l	97
17) Carbon Disulfide	4.180	76	69272	14.733	ug/l	99

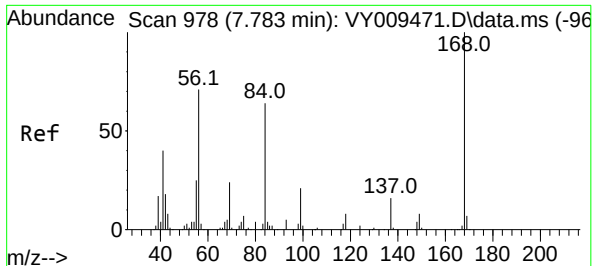
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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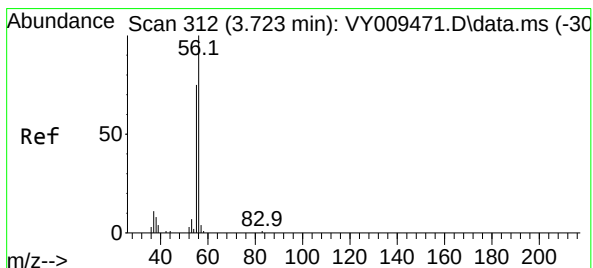
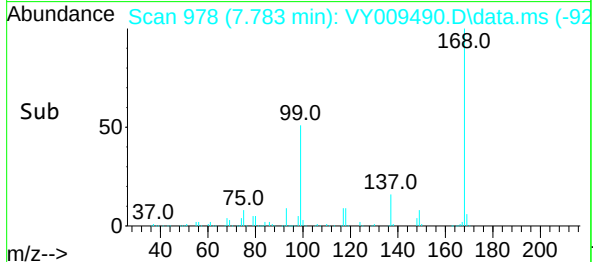
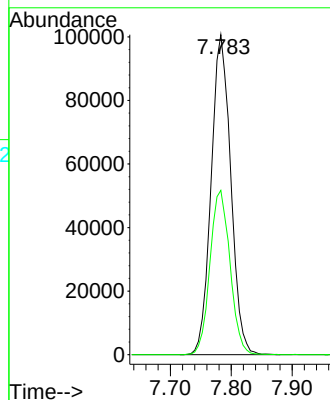
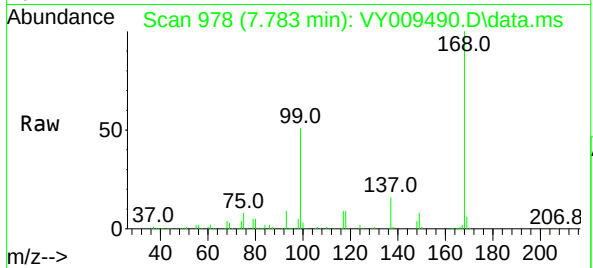




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009490.D
Acq: 08 Jul 2022 18:10

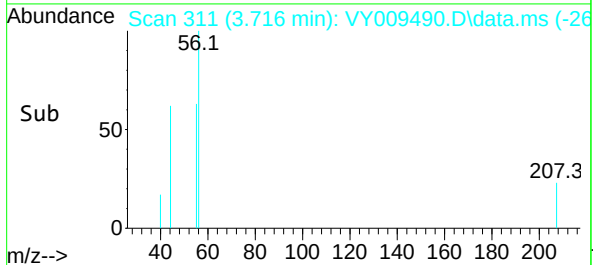
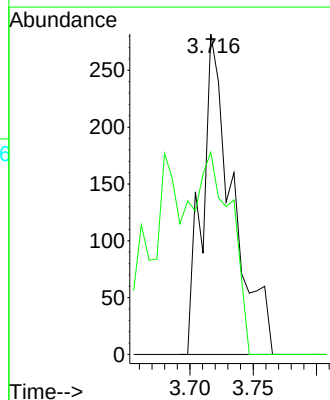
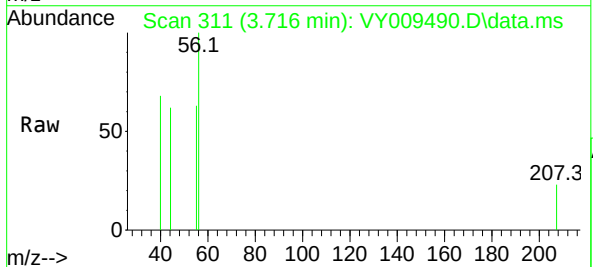
Instrument :
MSVOA_Y
ClientSampleId :
20220490A-8A

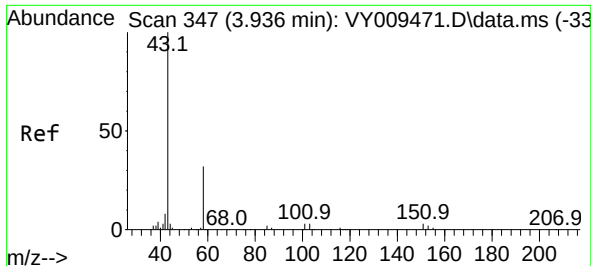
Tgt Ion:168 Resp: 225263
Ion Ratio Lower Upper
168 100
99 51.4 46.9 70.3



#13
Acrolein
Concen: 32.561 ug/l
RT: 3.716 min Scan# 311
Delta R.T. -0.007 min
Lab File: VY009490.D
Acq: 08 Jul 2022 18:10

Tgt Ion: 56 Resp: 471
Ion Ratio Lower Upper
56 100
55 62.6 57.6 86.4





#16

Acetone

Concen: 40.574 ug/l

RT: 3.942 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY009490.D

Acq: 08 Jul 2022 18:10

Instrument :

MSVOA_Y

ClientSampleId :

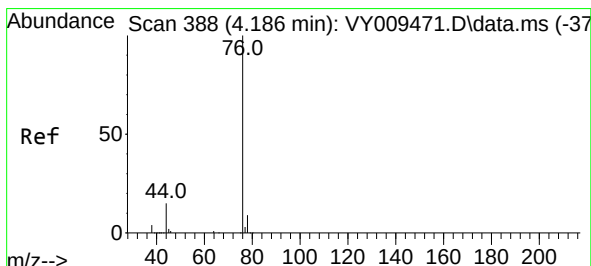
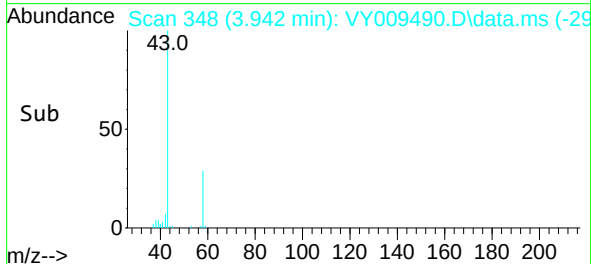
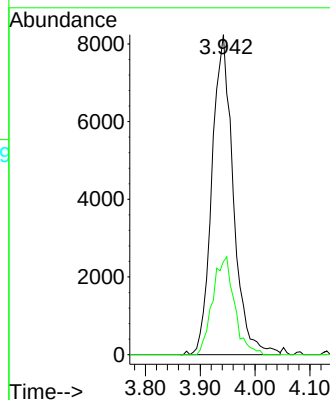
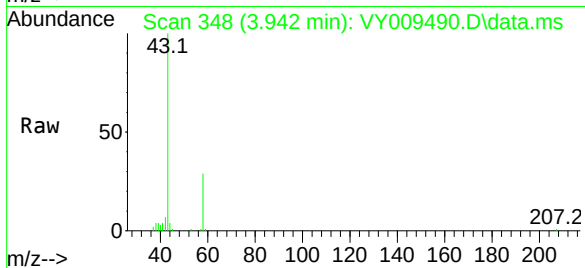
20220490A-8A

Tgt Ion: 43 Resp: 22234

Ion Ratio Lower Upper

43 100

58 29.1 22.0 33.0



#17

Carbon Disulfide

Concen: 14.733 ug/l

RT: 4.180 min Scan# 387

Delta R.T. -0.006 min

Lab File: VY009490.D

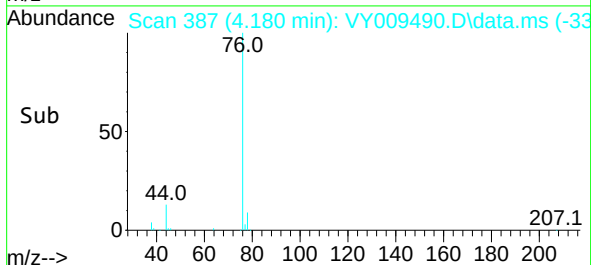
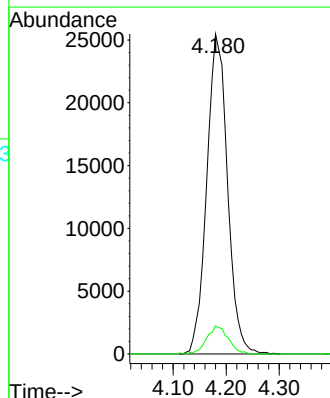
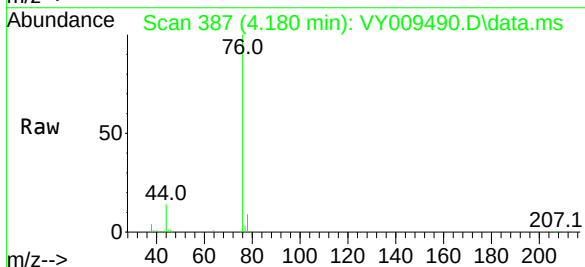
Acq: 08 Jul 2022 18:10

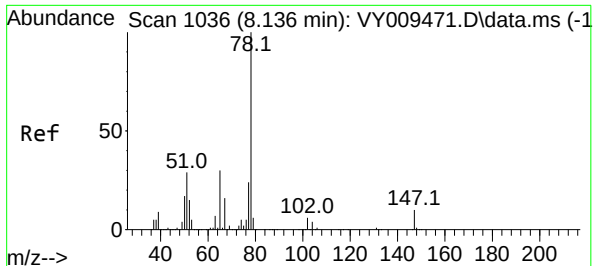
Tgt Ion: 76 Resp: 69272

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.0





#33

1,2-Dichloroethane-d4

Concen: 53.902 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009490.D

Acq: 08 Jul 2022 18:10

Instrument :

MSVOA_Y

ClientSampleId :

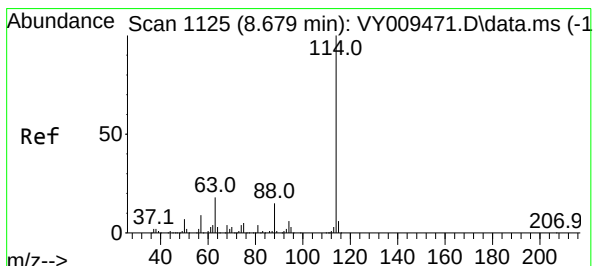
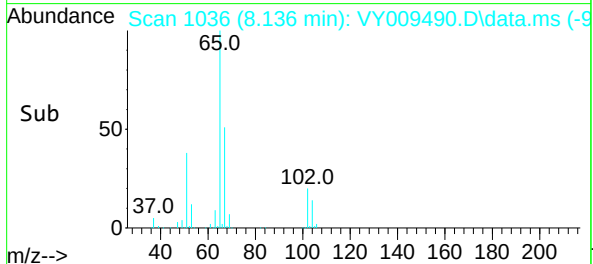
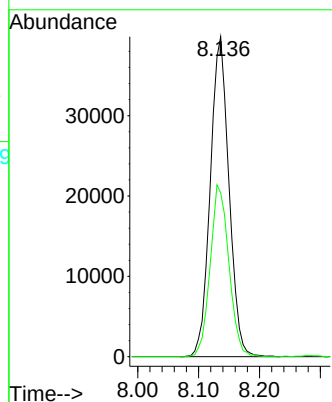
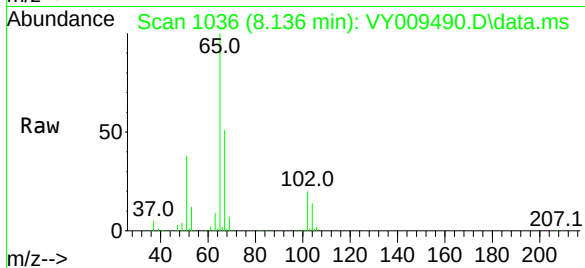
20220490A-8A

Tgt Ion: 65 Resp: 84729

Ion Ratio Lower Upper

65 100

67 53.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY009490.D

Acq: 08 Jul 2022 18:10

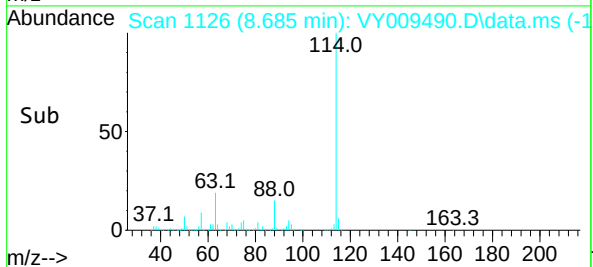
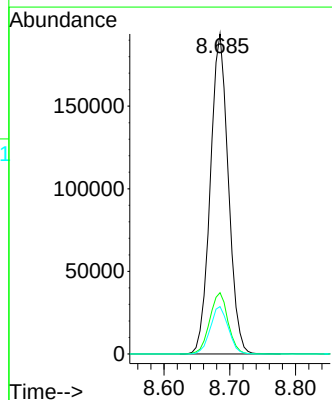
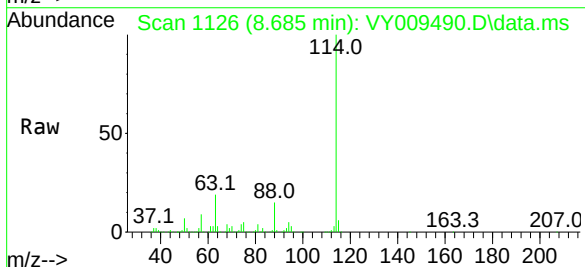
Tgt Ion: 114 Resp: 368790

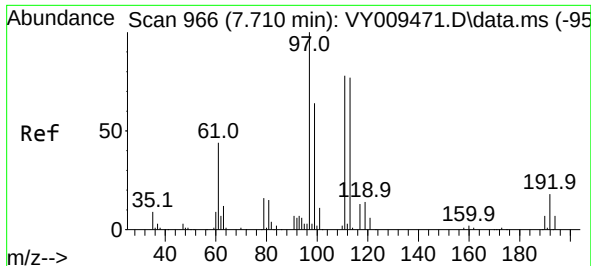
Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 14.8 0.0 31.8

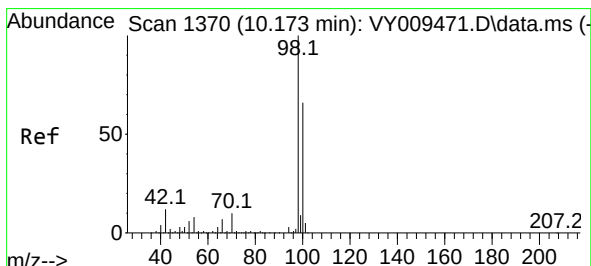
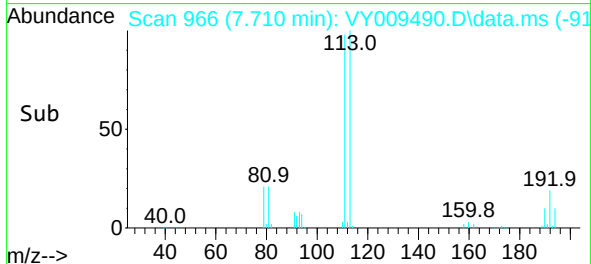
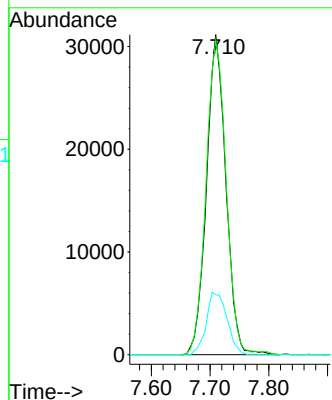
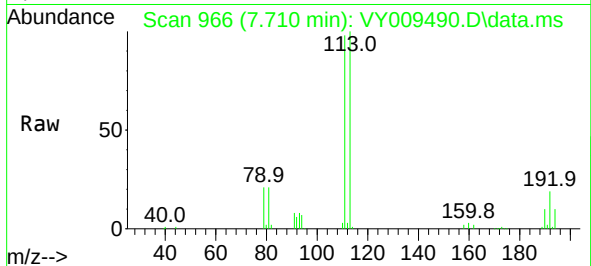




#35
Dibromofluoromethane
Concen: 36.845 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009490.D
Acq: 08 Jul 2022 18:10

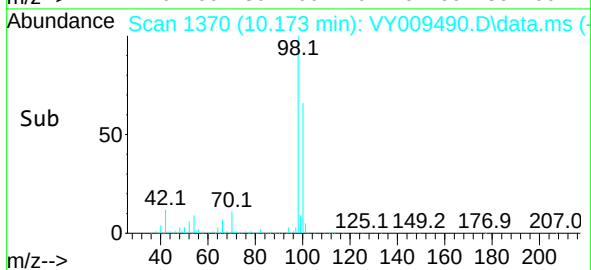
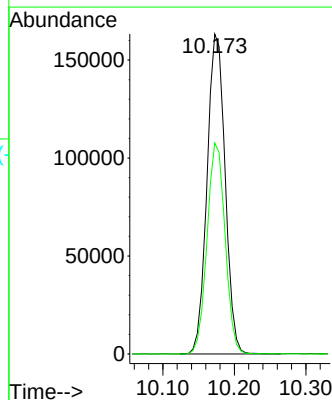
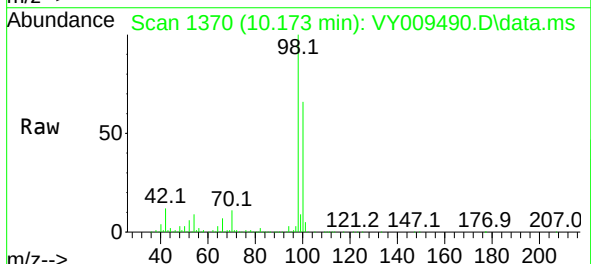
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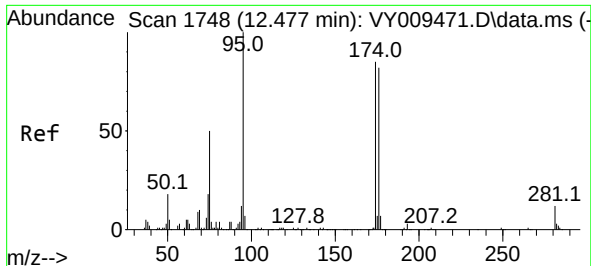
Tgt Ion:113 Resp: 71496
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 20.7 17.6 26.4



#50
Toluene-d8
Concen: 54.642 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009490.D
Acq: 08 Jul 2022 18:10

Tgt Ion: 98 Resp: 286697
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2

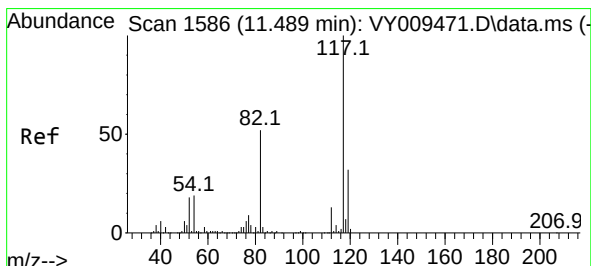
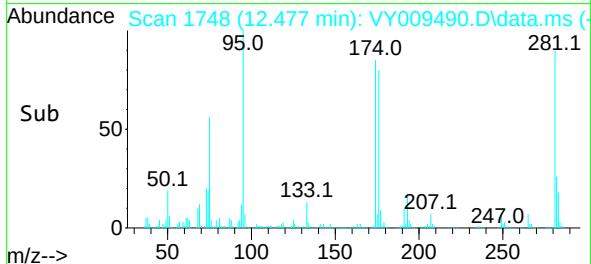
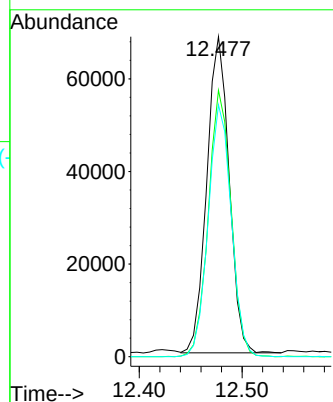
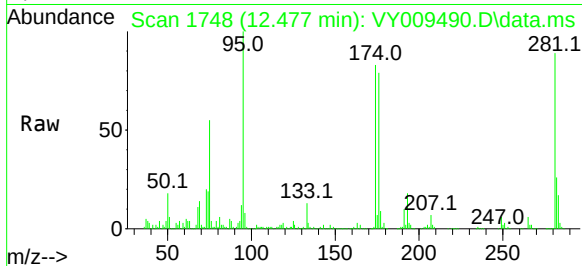




#62
4-Bromofluorobenzene
Concen: 37.534 ug/l
RT: 12.477 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY009490.D
Acq: 08 Jul 2022 18:10

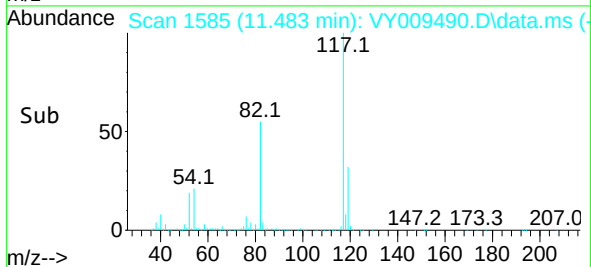
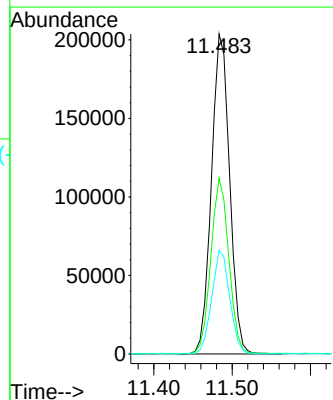
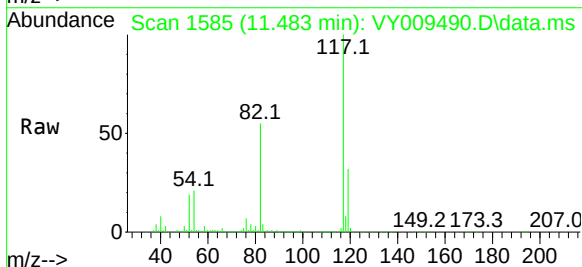
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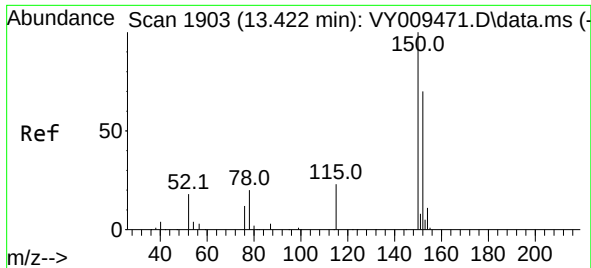
Tgt Ion: 95 Resp: 102809
Ion Ratio Lower Upper
95 100
174 85.6 0.0 177.0
176 82.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY009490.D
Acq: 08 Jul 2022 18:10

Tgt Ion: 117 Resp: 328439
Ion Ratio Lower Upper
117 100
82 54.8 43.0 64.4
119 32.3 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: VY009490.D

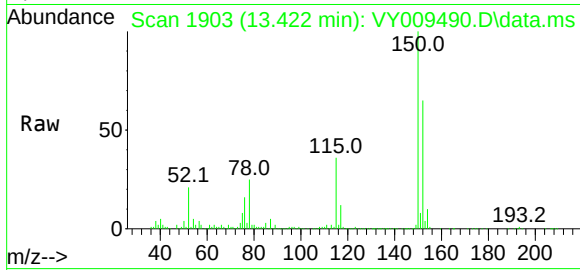
Acq: 08 Jul 2022 18:10

Instrument :

MSVOA_Y

ClientSampleId :

20220490A-8A



Tgt Ion:152 Resp: 149332

Ion Ratio Lower Upper

152 100

115 56.0 28.2 84.7

150 155.7 0.0 347.6

