

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072522\
 Data File : VY009682.D
 Acq On : 25 Jul 2022 13:27
 Operator : KP/MD
 Sample : N3839-03
 Misc : 6.22g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ENV-DE-5-(0-5)

Quant Time: Jul 26 05:56:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

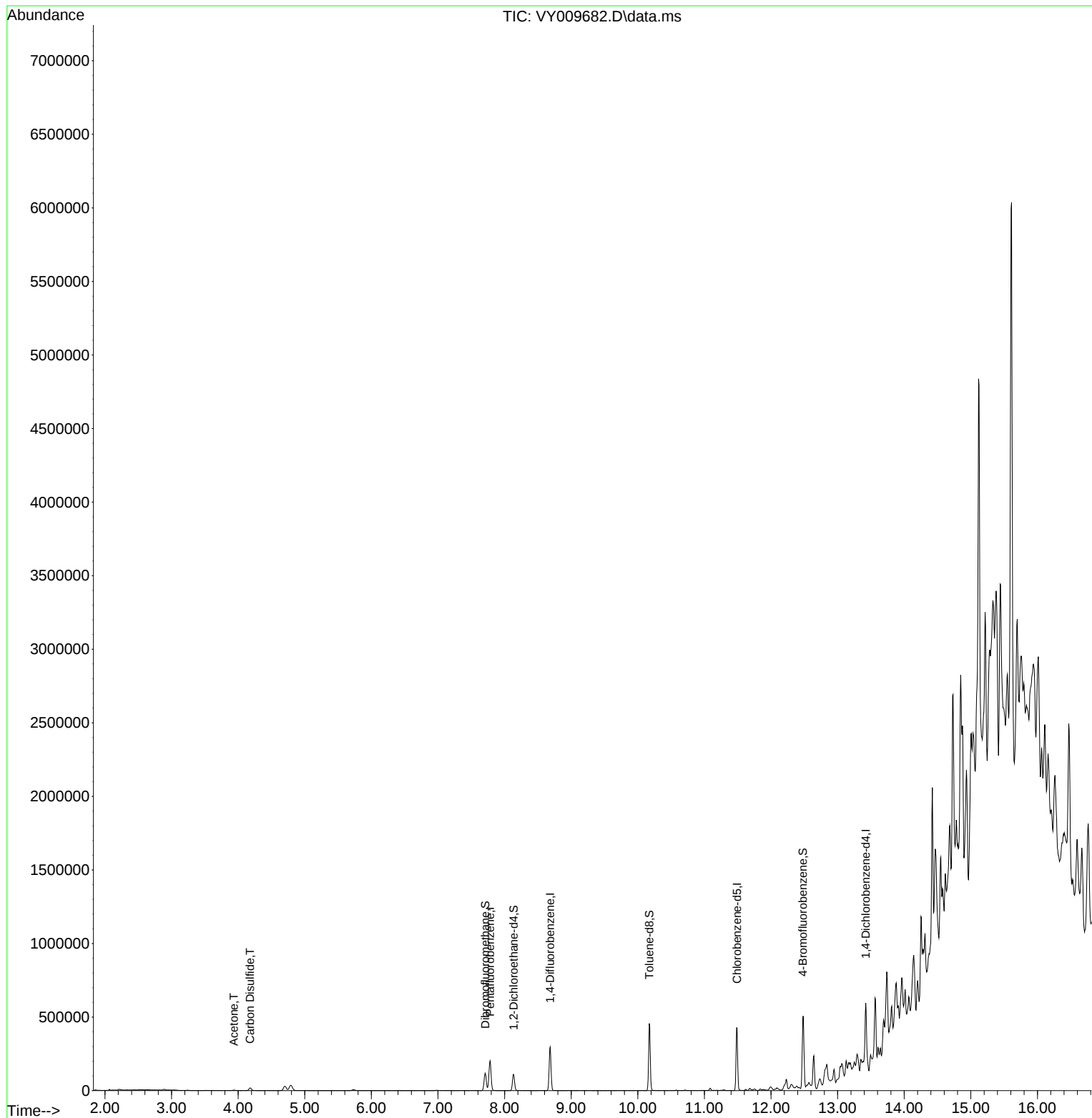
Internal Standards						
1) Pentafluorobenzene	7.783	168	168829	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	265293	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	248685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	124542	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	87016	54.497	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.000%	
35) Dibromofluoromethane	7.709	113	82561	49.398	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.800%	
50) Toluene-d8	10.172	98	303610	47.254	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 94.500%	
62) 4-Bromofluorobenzene	12.477	95	105341	50.598	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 101.200%	
Target Compounds						
						Qvalue
16) Acetone	3.936	43	5457	13.510	ug/l	# 83
17) Carbon Disulfide	4.180	76	37174	7.702	ug/l	98

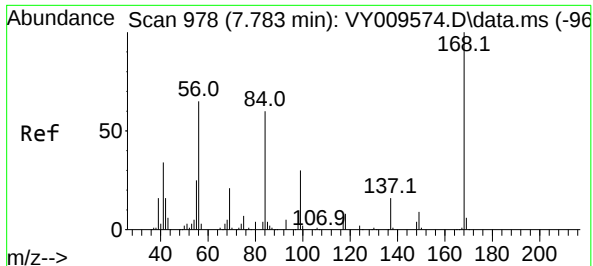
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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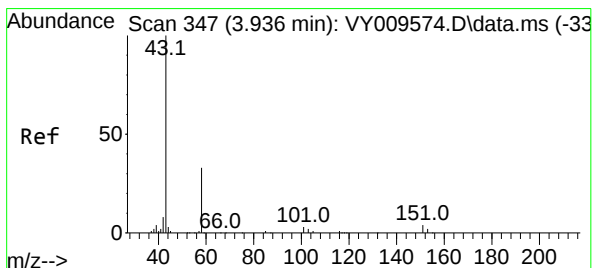
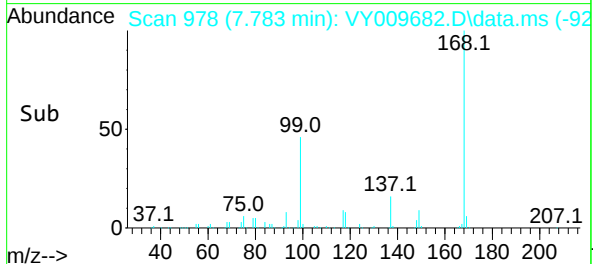
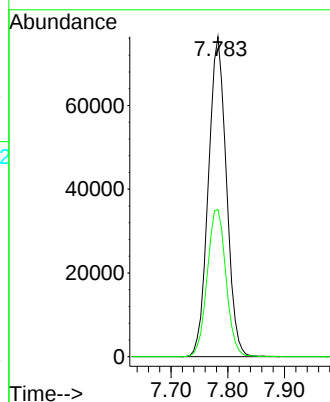
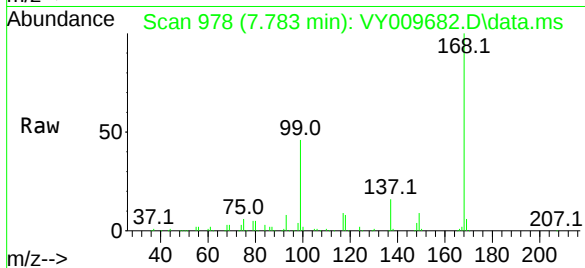




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009682.D
Acq: 25 Jul 2022 13:27

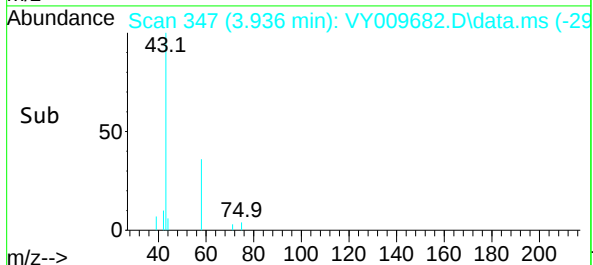
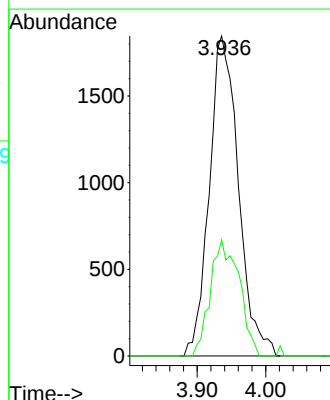
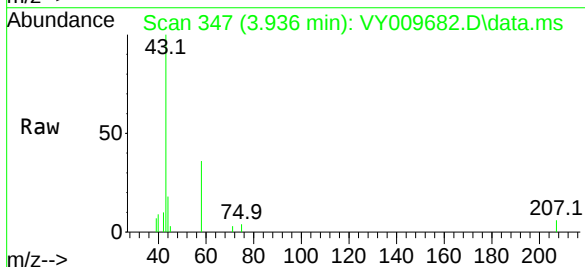
Instrument :
MSVOA_Y
ClientSampleId :
ENV-DE-5-(0-5)

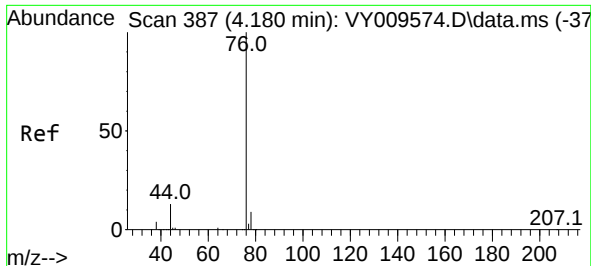
Tgt Ion:168 Resp: 168829
Ion Ratio Lower Upper
168 100
99 46.1 46.9 70.3#



#16
Acetone
Concen: 13.510 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009682.D
Acq: 25 Jul 2022 13:27

Tgt Ion: 43 Resp: 5457
Ion Ratio Lower Upper
43 100
58 36.2 22.0 33.0#

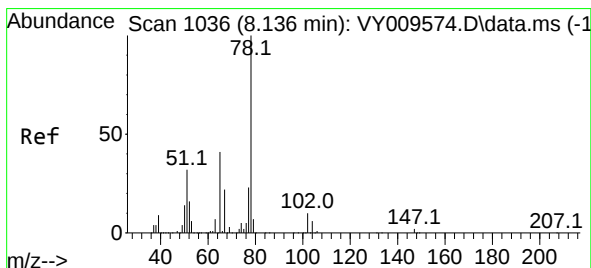
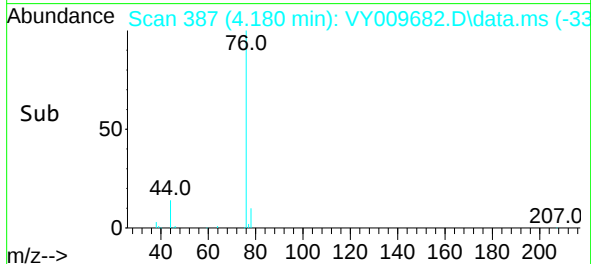
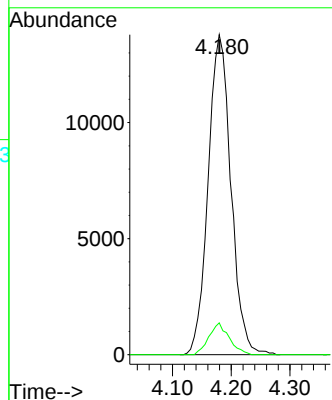
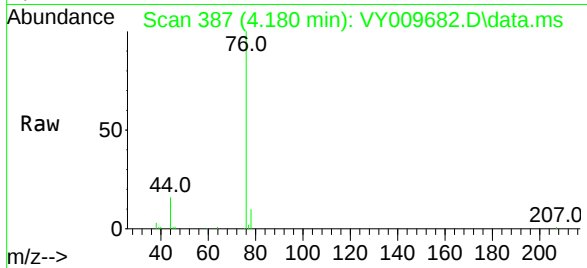




#17
Carbon Disulfide
Concen: 7.702 ug/l
RT: 4.180 min Scan# 387
Delta R.T. -0.000 min
Lab File: VY009682.D
Acq: 25 Jul 2022 13:27

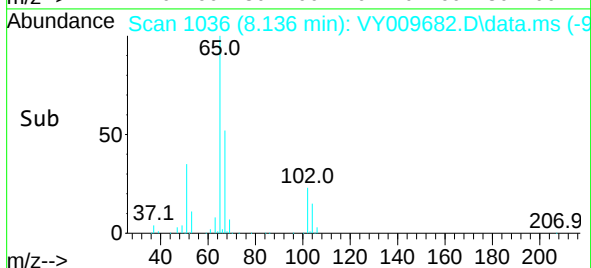
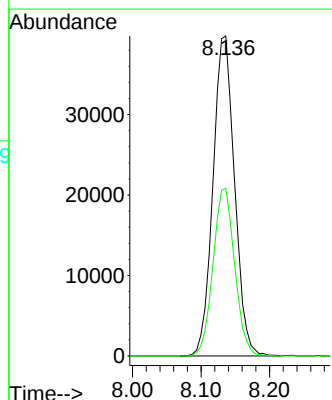
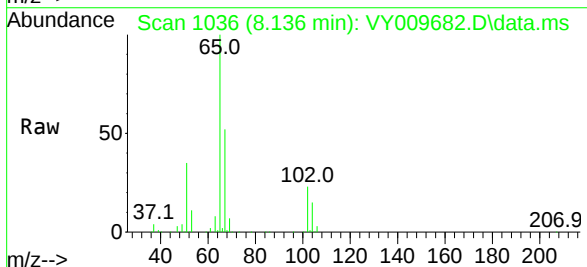
Instrument :
MSVOA_Y
ClientSampleId :
ENV-DE-5-(0-5)

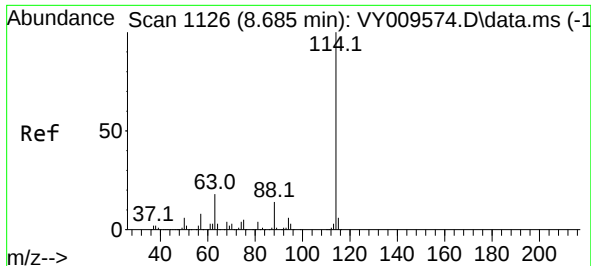
Tgt Ion: 76 Resp: 37174
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.0



#33
1,2-Dichloroethane-d4
Concen: 54.497 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY009682.D
Acq: 25 Jul 2022 13:27

Tgt Ion: 65 Resp: 87016
Ion Ratio Lower Upper
65 100
67 52.5 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: VY009682.D

Acq: 25 Jul 2022 13:27

Instrument :

MSVOA_Y

ClientSampleId :

ENV-DE-5-(0-5)

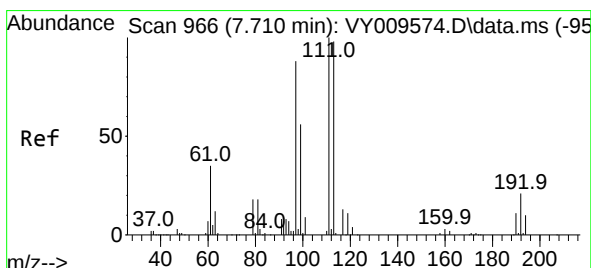
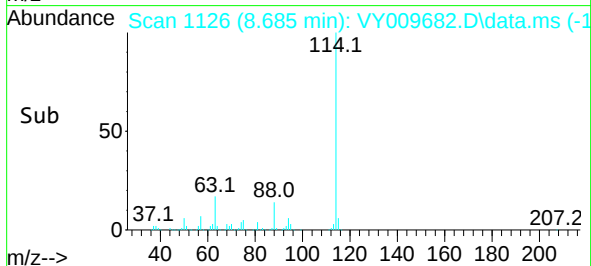
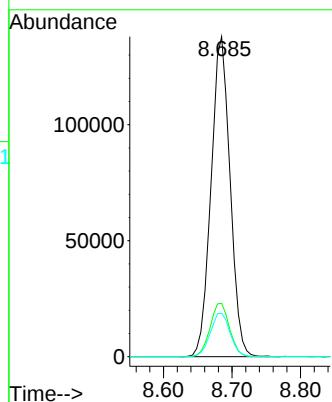
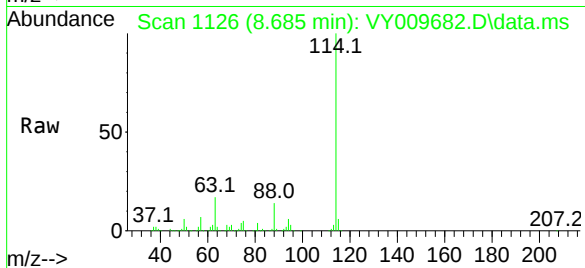
Tgt Ion:114 Resp: 265293

Ion Ratio Lower Upper

114 100

63 16.6 0.0 43.2

88 13.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.398 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009682.D

Acq: 25 Jul 2022 13:27

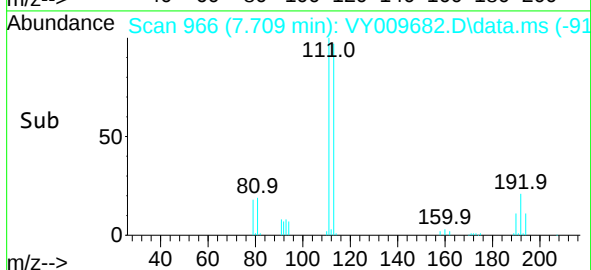
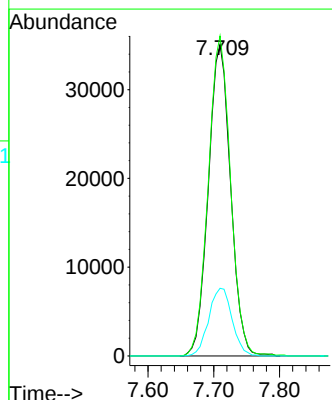
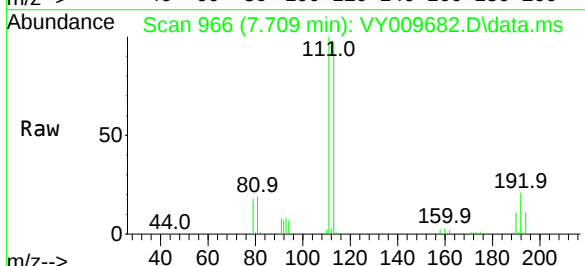
Tgt Ion:113 Resp: 82561

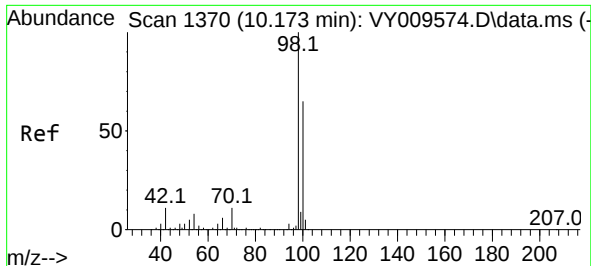
Ion Ratio Lower Upper

113 100

111 102.8 82.6 124.0

192 22.8 17.6 26.4

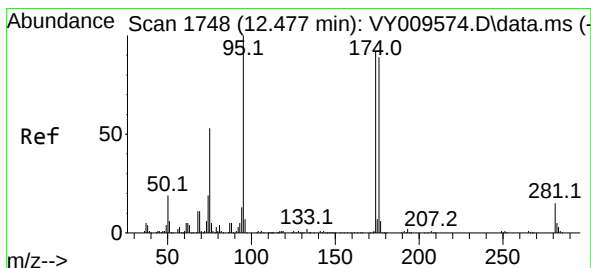
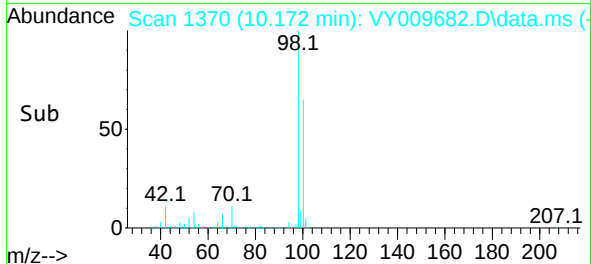
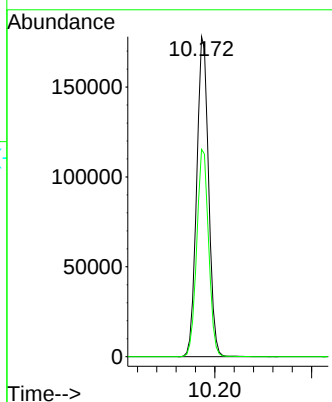
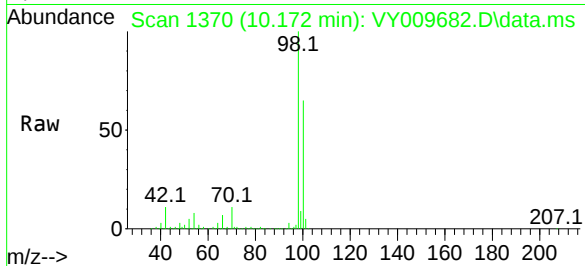




#50
Toluene-d8
Concen: 47.254 ug/l
RT: 10.172 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009682.D
Acq: 25 Jul 2022 13:27

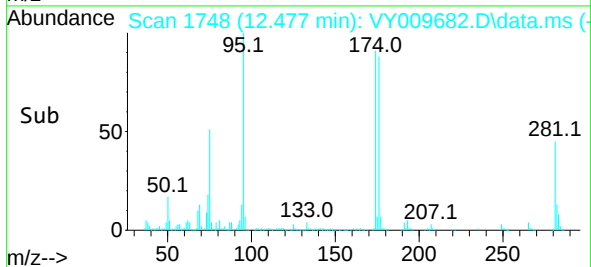
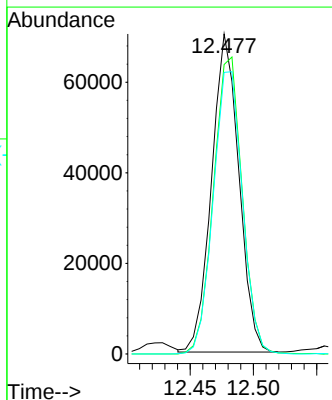
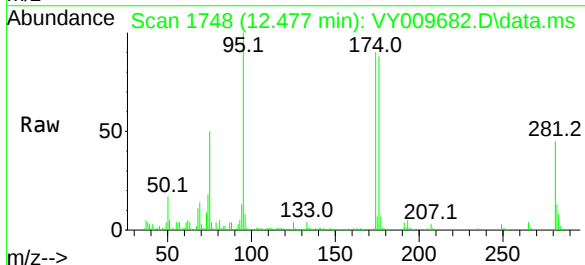
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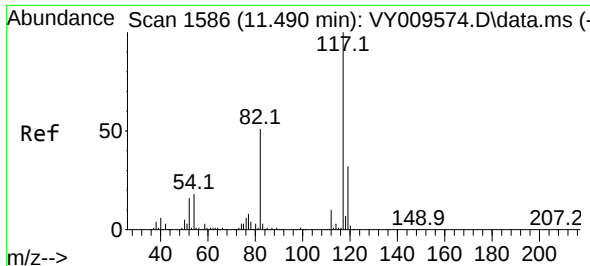
Tgt Ion: 98 Resp: 303610
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 50.598 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009682.D
Acq: 25 Jul 2022 13:27

Tgt Ion: 95 Resp: 105341
Ion Ratio Lower Upper
95 100
174 98.2 0.0 177.0
176 94.9 0.0 175.8

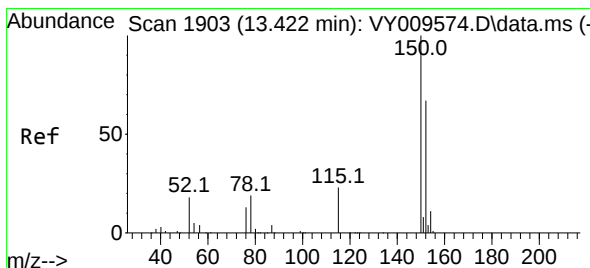
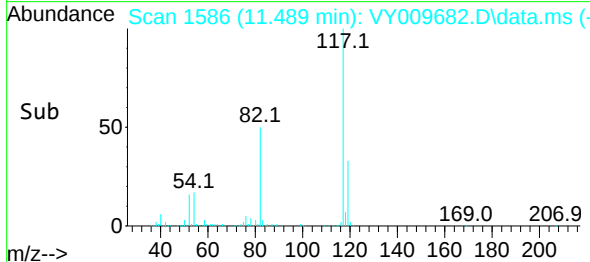
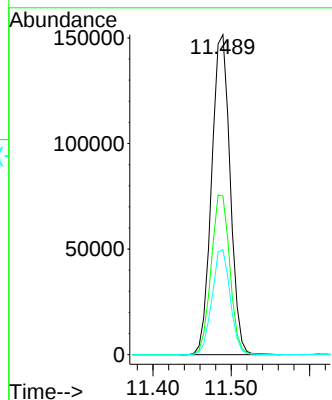
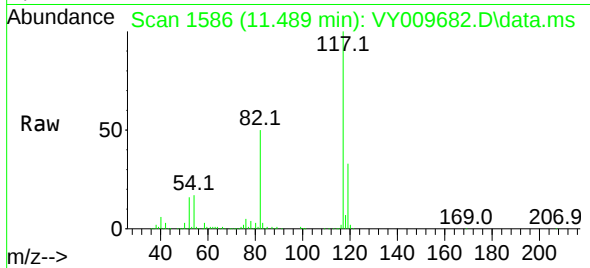




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009682.D
Acq: 25 Jul 2022 13:27

Instrument :
MSVOA_Y
ClientSampleId :
ENV-DE-5-(0-5)

Tgt Ion:117 Resp: 248685
Ion Ratio Lower Upper
117 100
82 49.5 43.0 64.4
119 32.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009682.D
Acq: 25 Jul 2022 13:27

Tgt Ion:152 Resp: 124542
Ion Ratio Lower Upper
152 100
115 51.7 28.2 84.7
150 148.5 0.0 347.6

