

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081622\
 Data File : VY010050.D
 Acq On : 16 Aug 2022 17:57
 Operator : KP/MD
 Sample : N4197-05
 Misc : 6.11g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TT-203-IDWSO-20220811-4

Quant Time: Aug 16 18:09:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 07:01:08 2022
 Response via : Initial Calibration

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

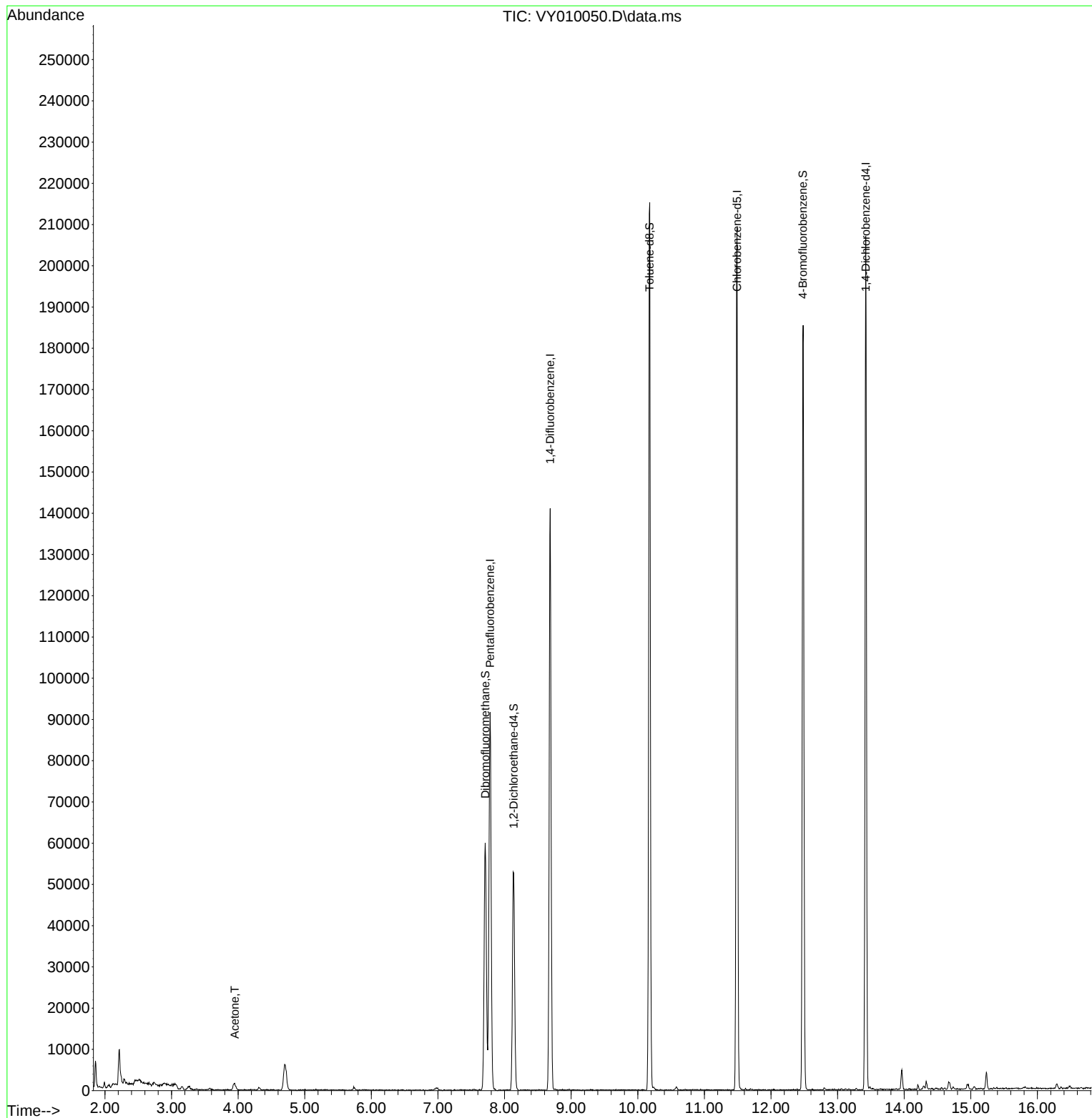
Internal Standards						
1) Pentafluorobenzene	7.783	168	74233	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	121260	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	116224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	53718	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	43788	58.995	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.000%
35) Dibromofluoromethane	7.710	113	40475	51.471	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.940%
50) Toluene-d8	10.179	98	140561	48.313	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.620%
62) 4-Bromofluorobenzene	12.477	95	45067	44.102	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.200%
Target Compounds						
16) Acetone	3.948	43	2897	18.223	ug/l	Qvalue # 77

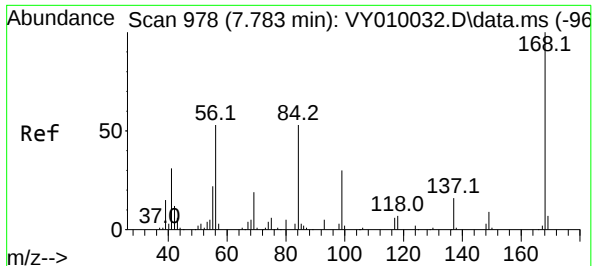
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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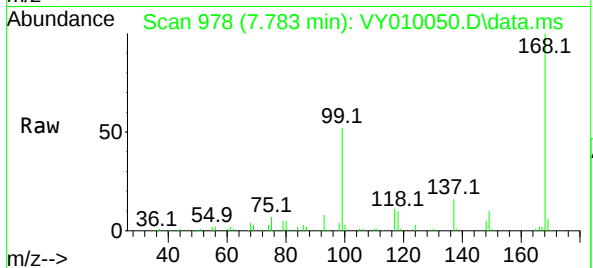
Quant Time: Aug 16 18:09:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
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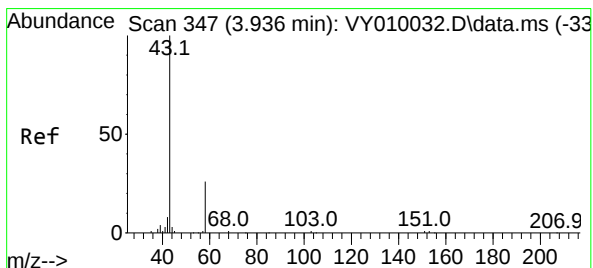
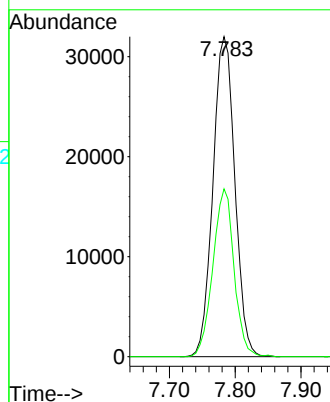
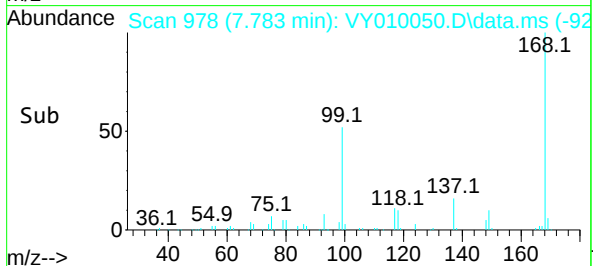


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010050.D
Acq: 16 Aug 2022 17:57

Instrument :
MSVOA_Y
ClientSampleId :
TT-203-IDWSO-20220811-4

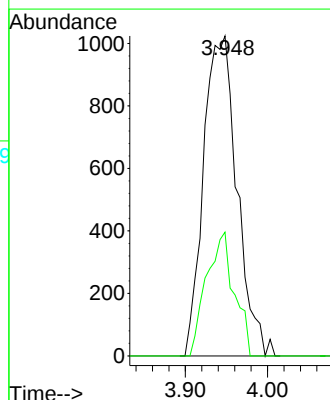
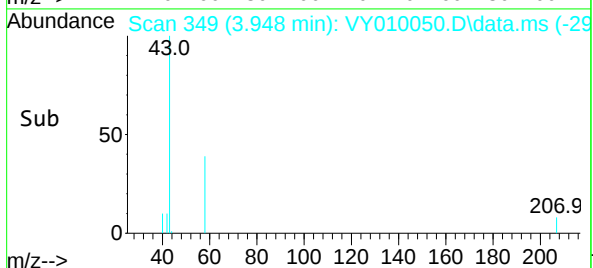
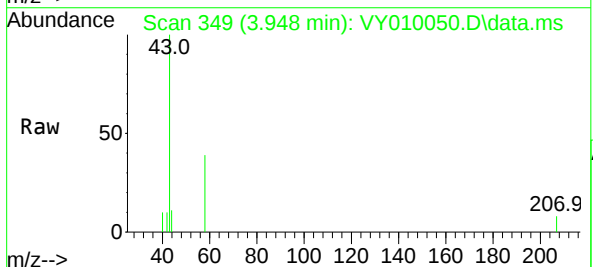


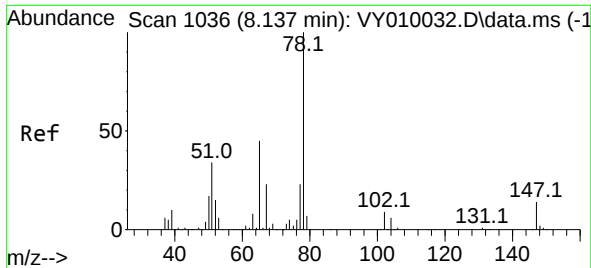
Tgt Ion:168 Resp: 74233
Ion Ratio Lower Upper
168 100
99 52.4 37.7 56.5



#16
Acetone
Concen: 18.223 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY010050.D
Acq: 16 Aug 2022 17:57

Tgt Ion: 43 Resp: 2897
Ion Ratio Lower Upper
43 100
58 38.7 21.4 32.0#





#33

1,2-Dichloroethane-d4

Concen: 58.995 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY010050.D

Acq: 16 Aug 2022 17:57

Instrument :

MSVOA_Y

ClientSampleId :

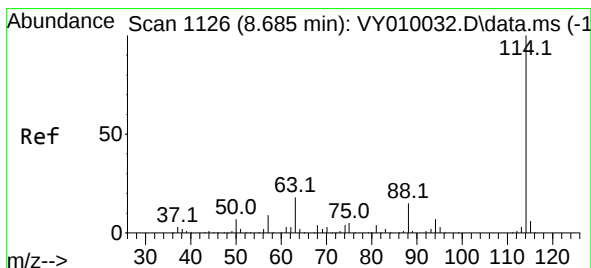
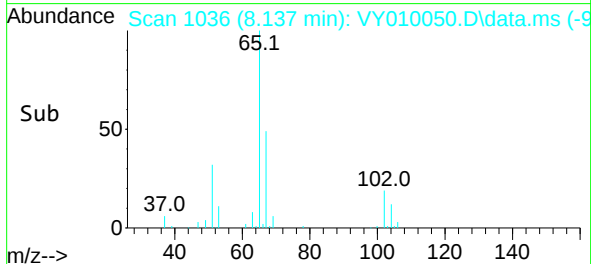
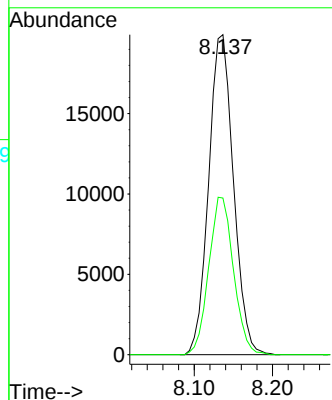
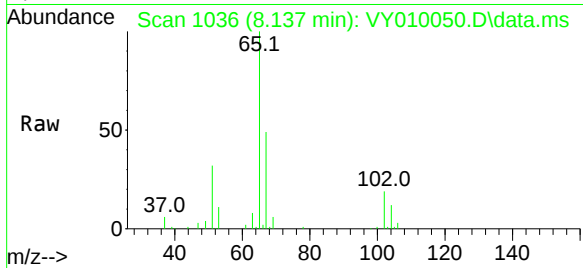
TT-203-IDWSO-20220811-4

Tgt Ion: 65 Resp: 43788

Ion Ratio Lower Upper

65 100

67 49.1 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010050.D

Acq: 16 Aug 2022 17:57

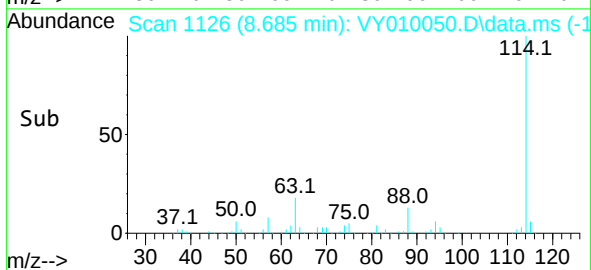
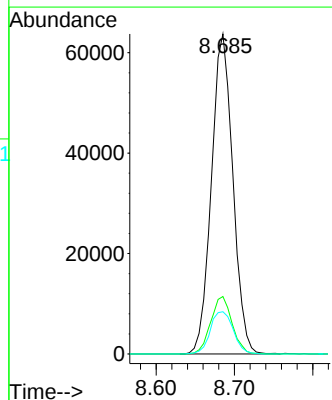
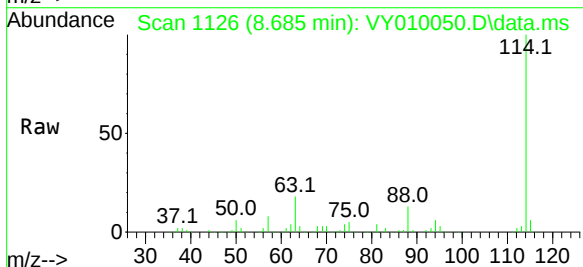
Tgt Ion: 114 Resp: 121260

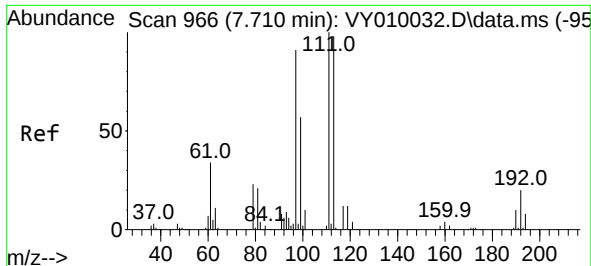
Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.2

88 13.2 0.0 30.2

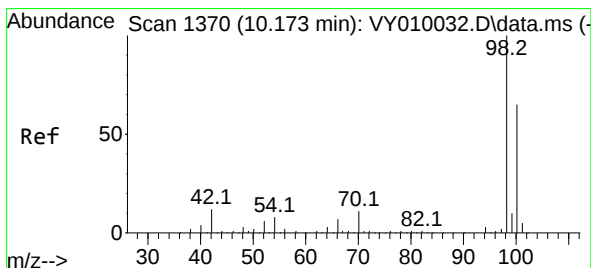
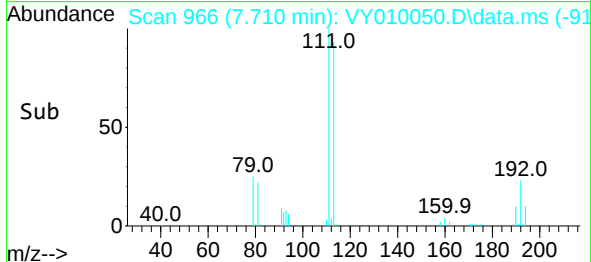
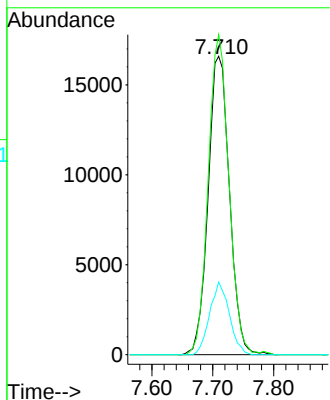
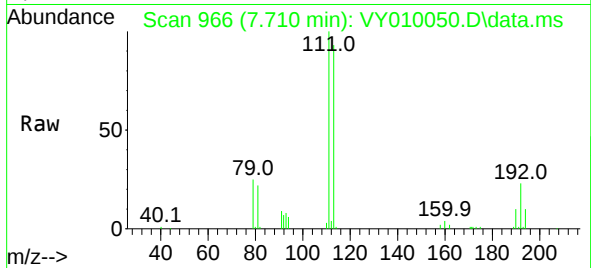




#35
Dibromofluoromethane
Concen: 51.471 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010050.D
Acq: 16 Aug 2022 17:57

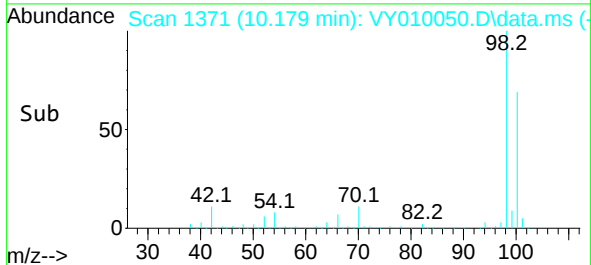
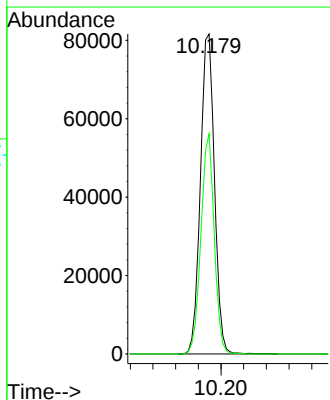
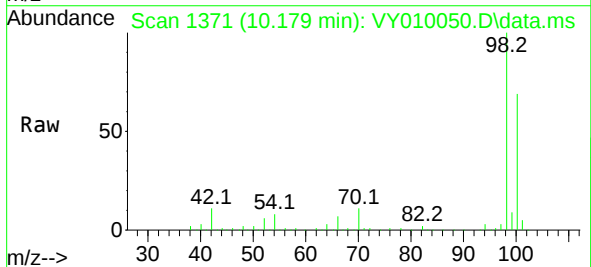
Instrument :
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ClientSampleId :
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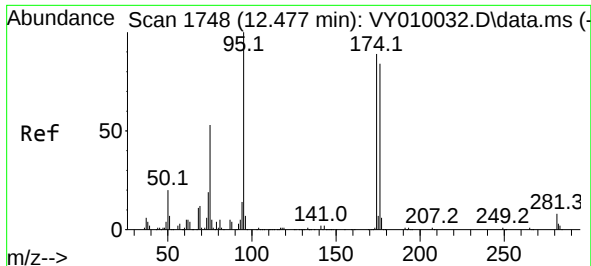
Tgt Ion:113 Resp: 40475
Ion Ratio Lower Upper
113 100
111 103.4 82.7 124.1
192 22.4 17.2 25.8



#50
Toluene-d8
Concen: 48.313 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010050.D
Acq: 16 Aug 2022 17:57

Tgt Ion: 98 Resp: 140561
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1

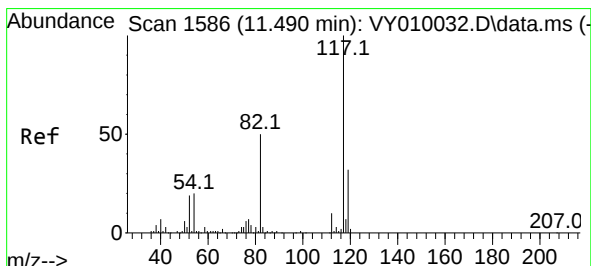
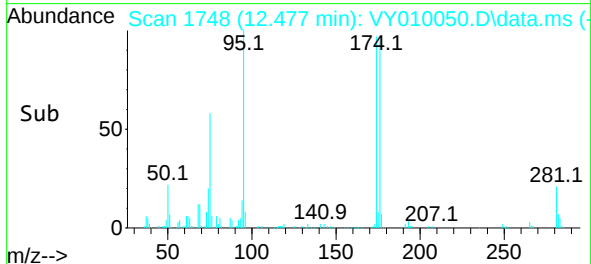
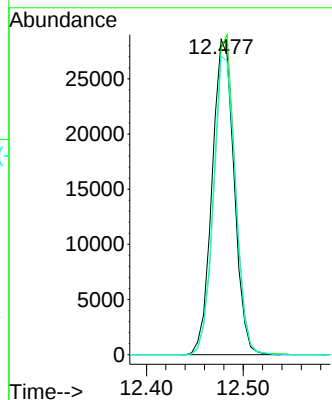
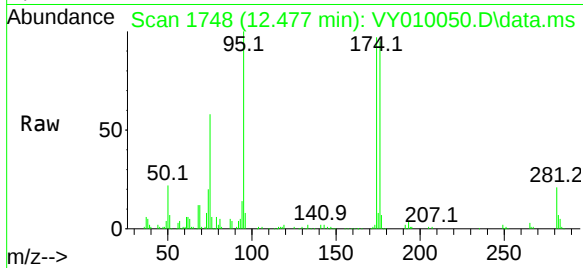




#62
4-Bromofluorobenzene
Concen: 44.102 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010050.D
Acq: 16 Aug 2022 17:57

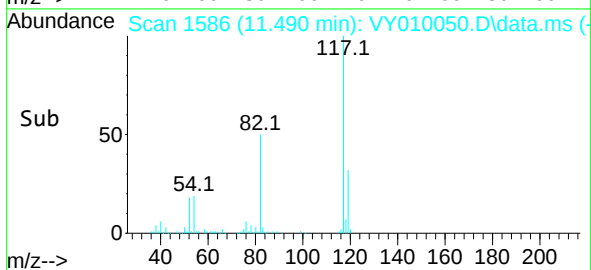
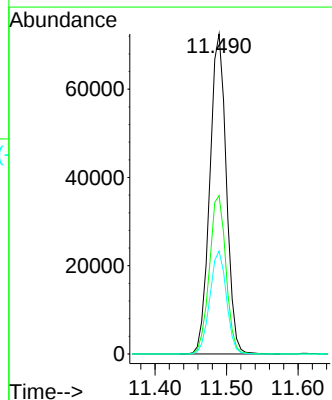
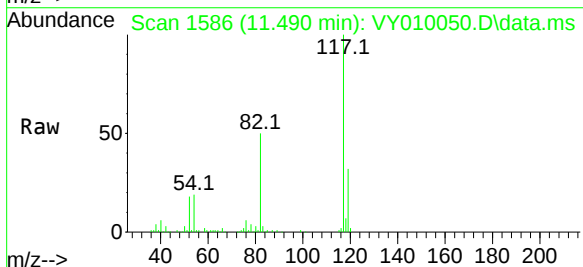
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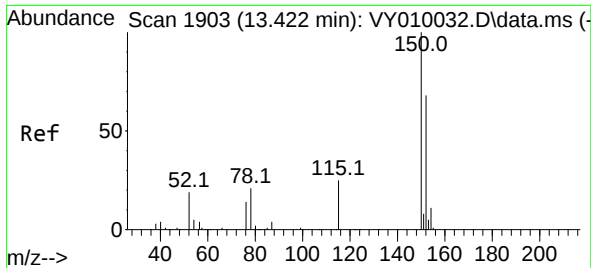
Tgt Ion:	95	Resp:	45067
Ion Ratio	Lower	Upper	
95	100		
174	98.4	0.0	184.2
176	94.1	0.0	178.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010050.D
Acq: 16 Aug 2022 17:57

Tgt Ion:	117	Resp:	116224
Ion Ratio	Lower	Upper	
117	100		
82	49.5	39.8	59.6
119	32.1	25.6	38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY010050.D

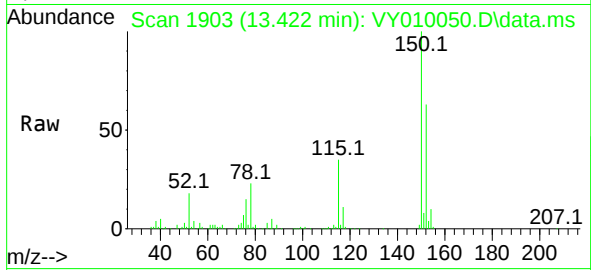
Acq: 16 Aug 2022 17:57

Instrument :

MSVOA_Y

ClientSampleId :

TT-203-IDWSO-20220811-4



Tgt Ion:152 Resp: 53718

Ion Ratio Lower Upper

152 100

115 54.3 28.1 84.3

150 158.9 0.0 346.6

