

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081622\
 Data File : VY010047.D
 Acq On : 16 Aug 2022 16:28
 Operator : KP/MD
 Sample : N4197-05
 Misc : 5.98g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Aug 16 16:56:11 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)

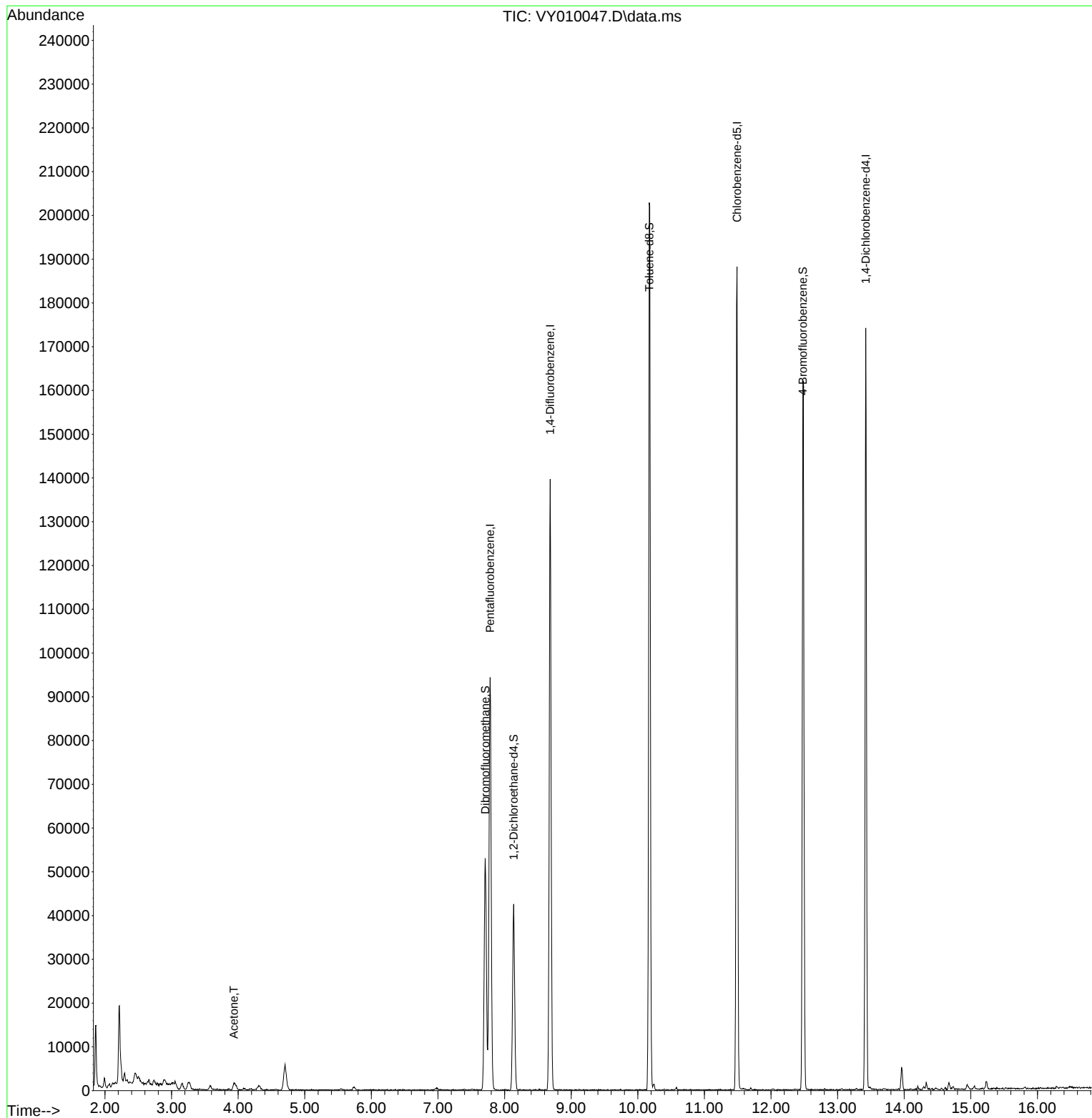
Internal Standards						
1) Pentafluorobenzene	7.783	168	75762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	117433	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	104259	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	44812	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	32276	42.608	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.220%
35) Dibromofluoromethane	7.710	113	35587	46.730	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.460%
50) Toluene-d8	10.173	98	133474	47.372	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.740%
62) 4-Bromofluorobenzene	12.477	95	38609	39.014	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.020%
Target Compounds						
16) Acetone	3.936	43	2815	17.350	ug/l	Qvalue # 81

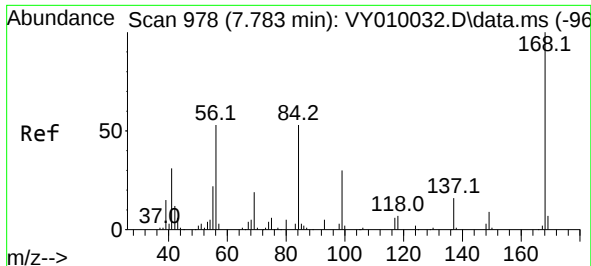
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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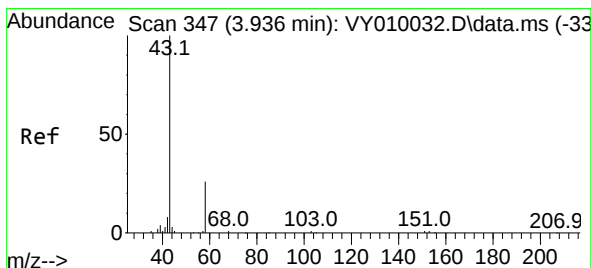
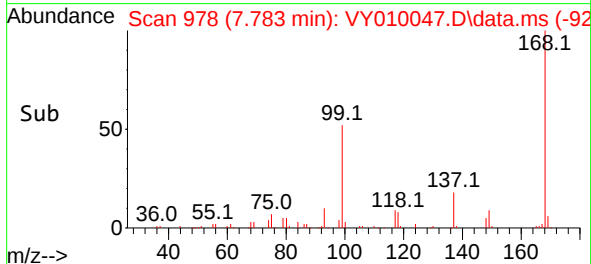
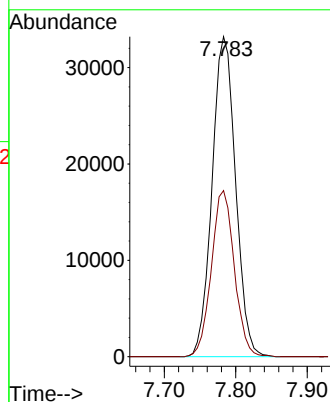
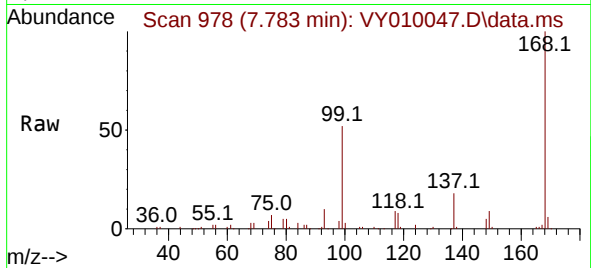




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010047.D
Acq: 16 Aug 2022 16:28

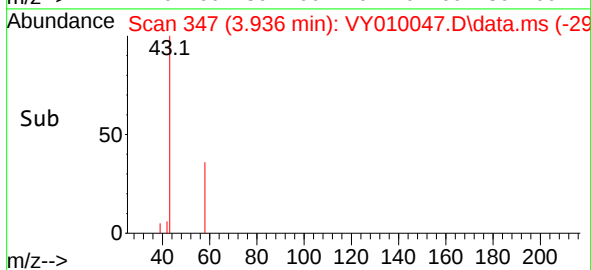
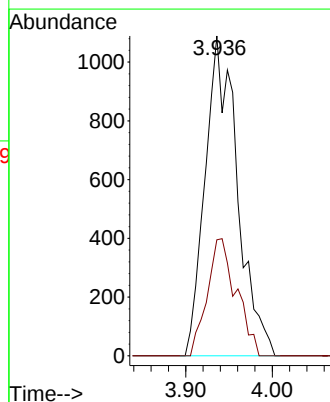
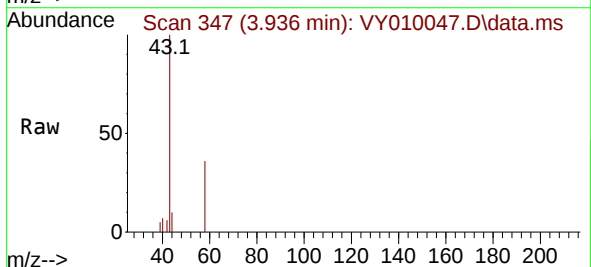
Instrument :
MSVOA_Y
ClientSampleId :
TT-203-IDWSO-20220811-4

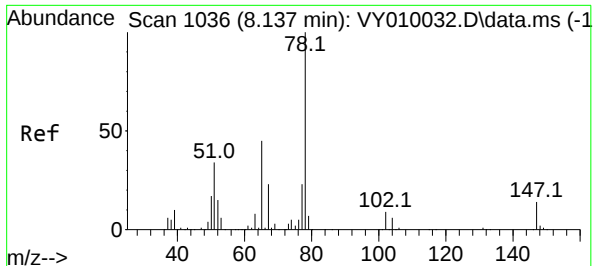
Tgt Ion:168 Resp: 75762
Ion Ratio Lower Upper
168 100
99 51.9 37.7 56.5



#16
Acetone
Concen: 17.350 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY010047.D
Acq: 16 Aug 2022 16:28

Tgt Ion: 43 Resp: 2815
Ion Ratio Lower Upper
43 100
58 36.3 21.4 32.0#





#33

1,2-Dichloroethane-d4

Concen: 42.608 ug/l

RT: 8.136 min Scan# 11036

Delta R.T. -0.001 min

Lab File: VY010047.D

Acq: 16 Aug 2022 16:28

Instrument :

MSVOA_Y

ClientSampleId :

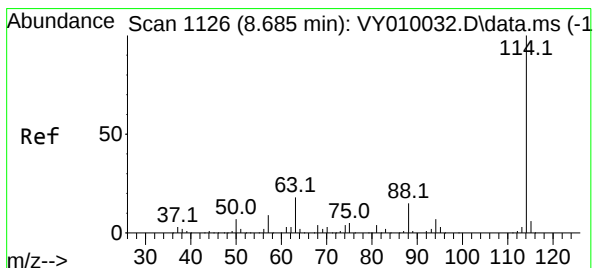
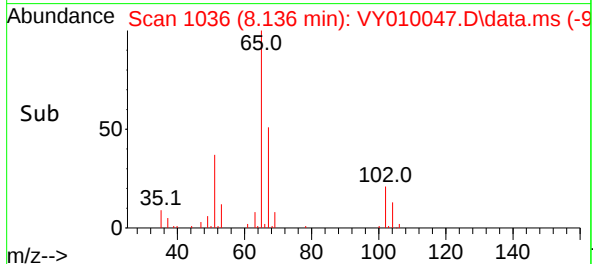
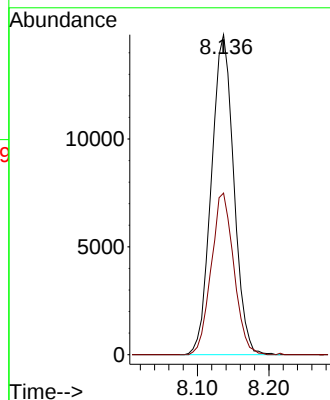
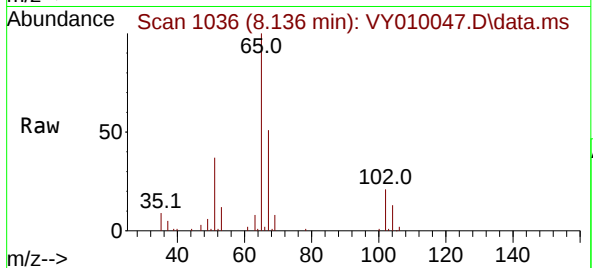
TT-203-IDWSO-20220811-4

Tgt Ion: 65 Resp: 32276

Ion Ratio Lower Upper

65 100

67 50.9 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: VY010047.D

Acq: 16 Aug 2022 16:28

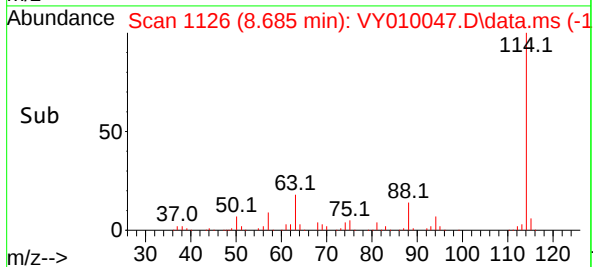
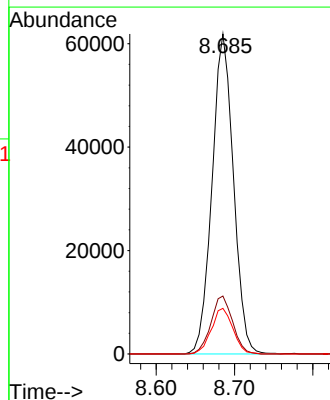
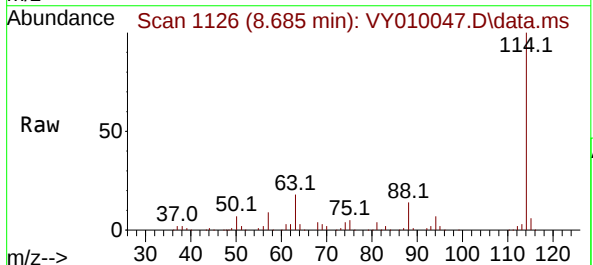
Tgt Ion: 114 Resp: 117433

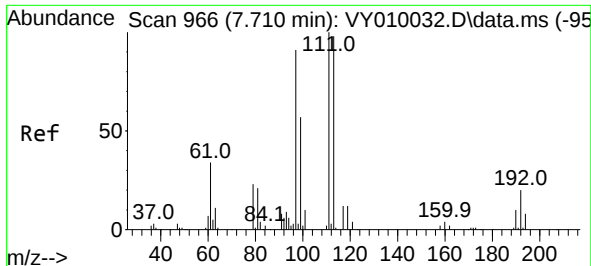
Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.2

88 14.3 0.0 30.2

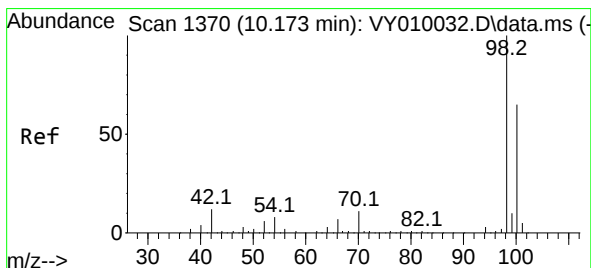
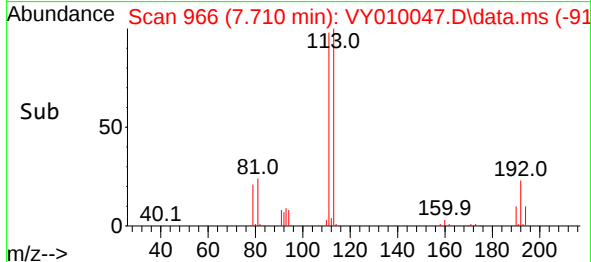
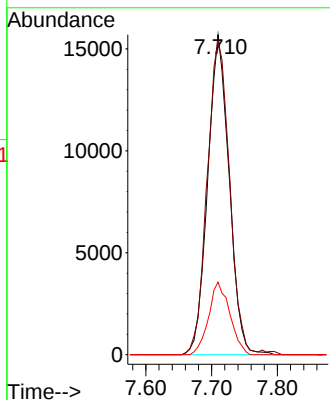
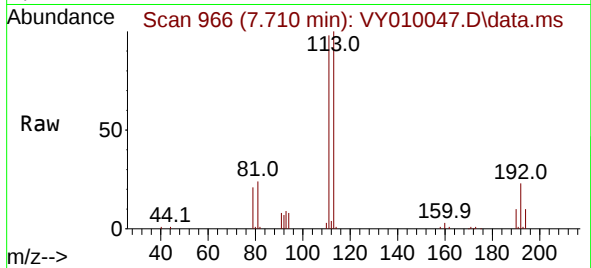




#35
 Dibromofluoromethane
 Concen: 46.730 ug/l
 RT: 7.710 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VY010047.D
 Acq: 16 Aug 2022 16:28

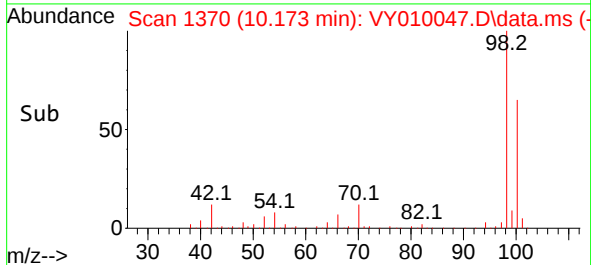
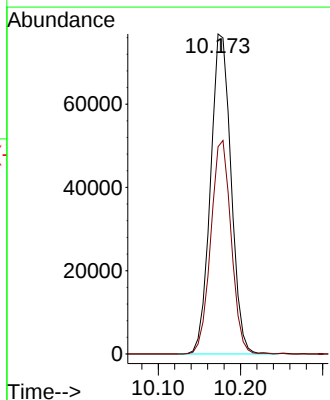
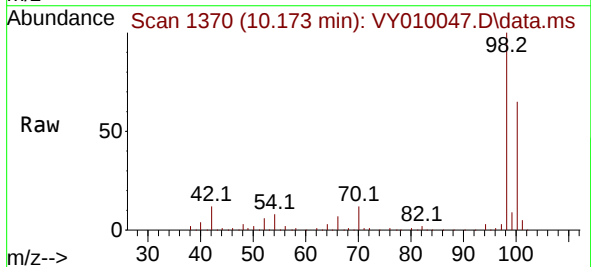
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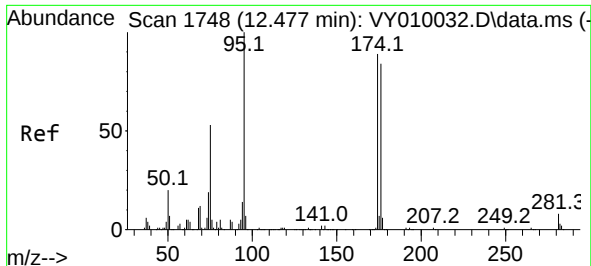
Tgt Ion:	113	Resp:	35587
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.7	124.1
192	22.5	17.2	25.8



#50
 Toluene-d8
 Concen: 47.372 ug/l
 RT: 10.173 min Scan# 1370
 Delta R.T. -0.000 min
 Lab File: VY010047.D
 Acq: 16 Aug 2022 16:28

Tgt Ion:	98	Resp:	133474
Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.1	78.1

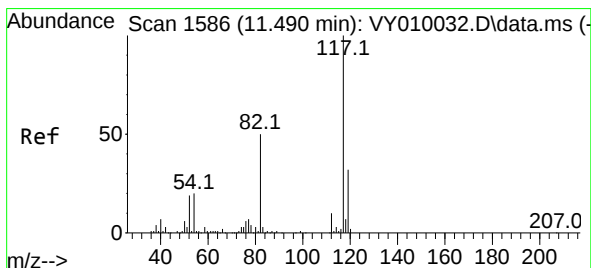
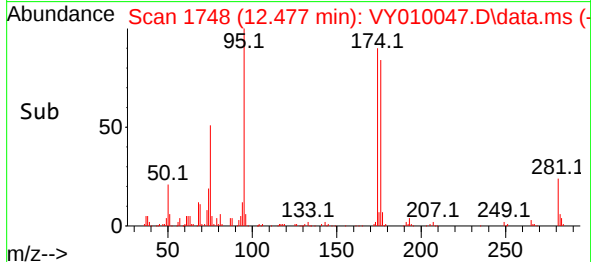
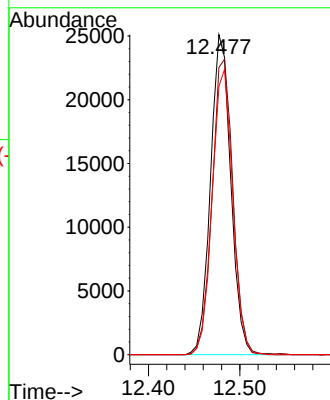
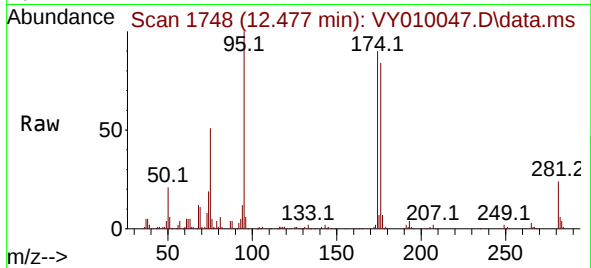




#62
4-Bromofluorobenzene
Concen: 39.014 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010047.D
Acq: 16 Aug 2022 16:28

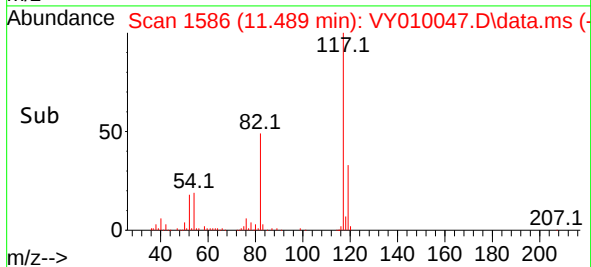
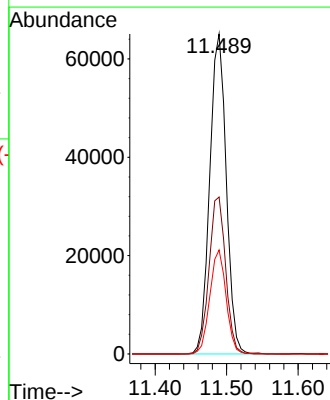
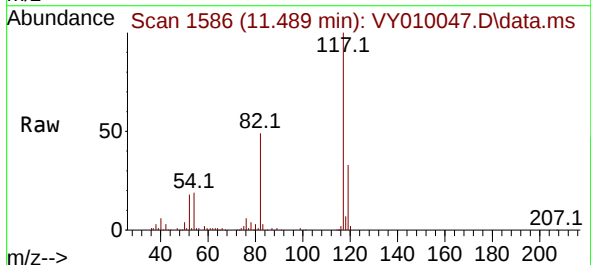
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ClientSampleId :
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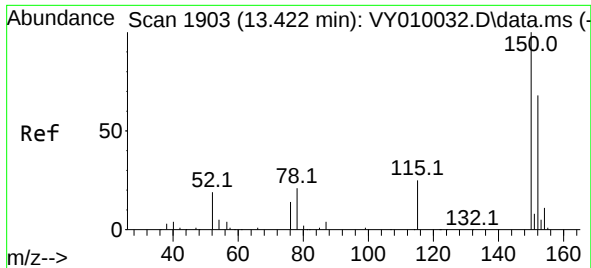
Tgt Ion:	95	Resp:	38609
Ion	Ratio	Lower	Upper
95	100		
174	95.4	0.0	184.2
176	90.6	0.0	178.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010047.D
Acq: 16 Aug 2022 16:28

Tgt Ion:	117	Resp:	104259
Ion	Ratio	Lower	Upper
117	100		
82	49.1	39.8	59.6
119	32.5	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: VY010047.D

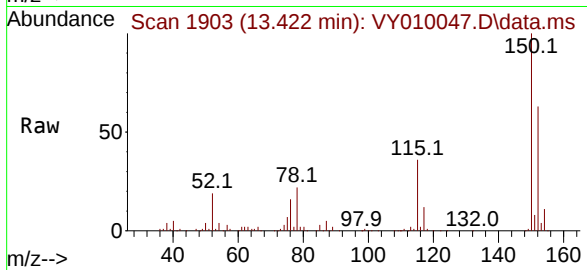
Acq: 16 Aug 2022 16:28

Instrument :

MSVOA_Y

ClientSampleId :

TT-203-IDWSO-20220811-4



Tgt Ion:152 Resp: 44812

Ion Ratio Lower Upper

152 100

115 54.5 28.1 84.3

150 155.0 0.0 346.6

