

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062522\
 Data File : VY009328.D
 Acq On : 25 Jun 2022 16:55
 Operator : KP/MD
 Sample : N3488-08
 Misc : 4.66g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-12-0-2-20220623

Quant Time: Jun 27 10:30:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062422S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 25 07:08:46 2022
 Response via : Initial Calibration

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

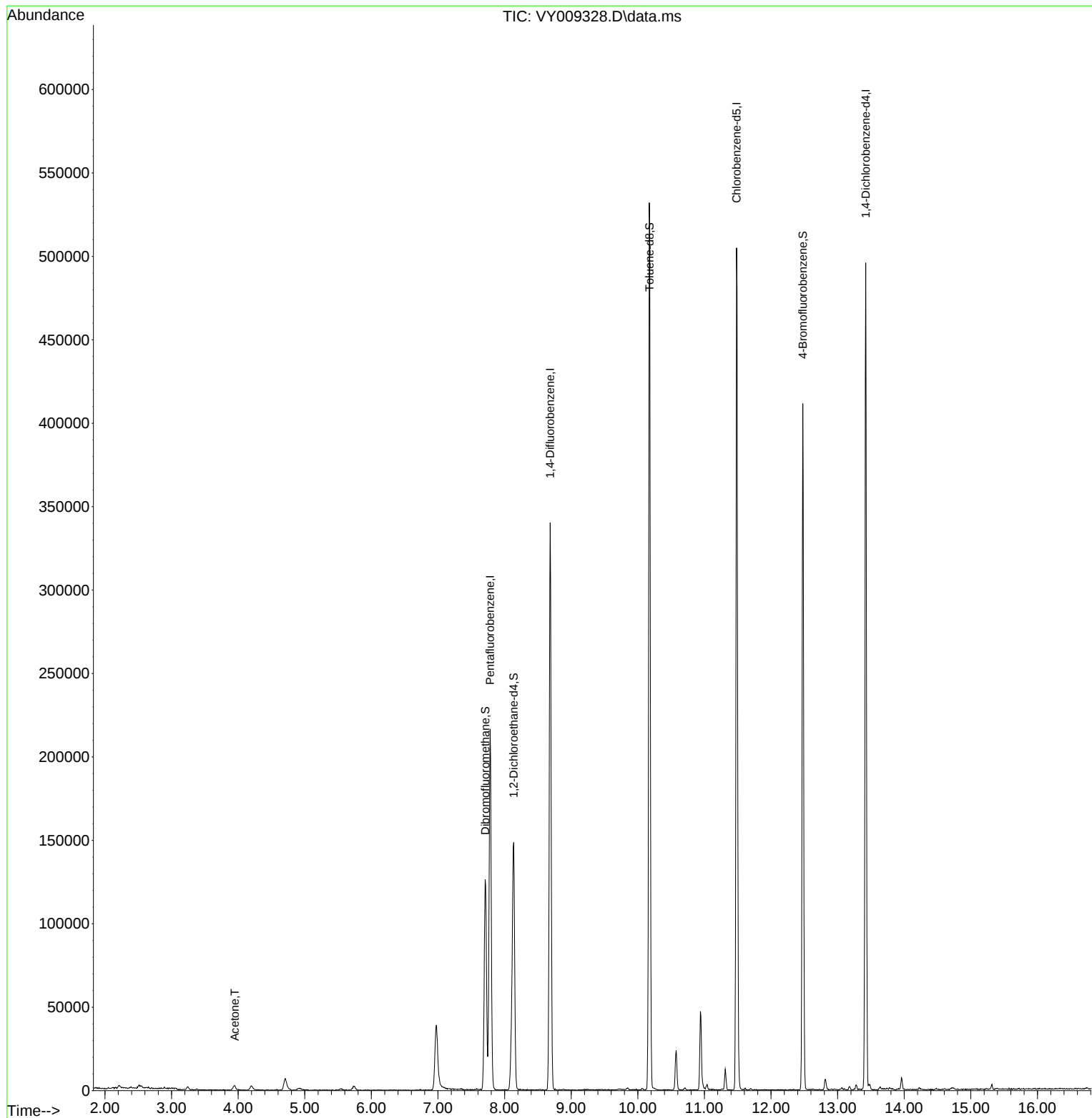
Internal Standards						
1) Pentafluorobenzene	7.783	168	165086	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	285638	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	269146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	124772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	101538	84.874	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 169.740%#		
35) Dibromofluoromethane	7.710	113	88848	57.628	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 115.260%		
50) Toluene-d8	10.179	98	339713	79.408	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 158.820%#		
62) 4-Bromofluorobenzene	12.477	95	113966	51.902	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 103.800%		
Target Compounds						
16) Acetone	3.948	43	5053	11.972	ug/l	Qvalue 93

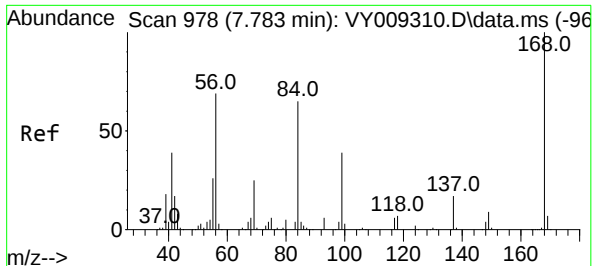
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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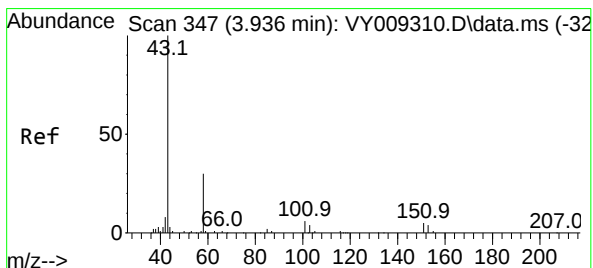
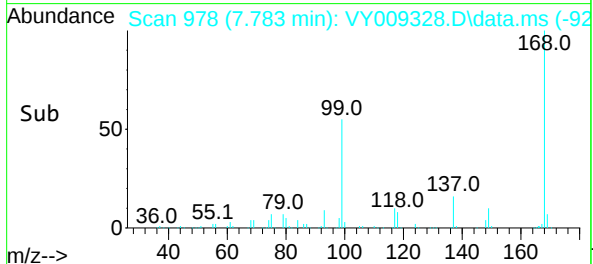
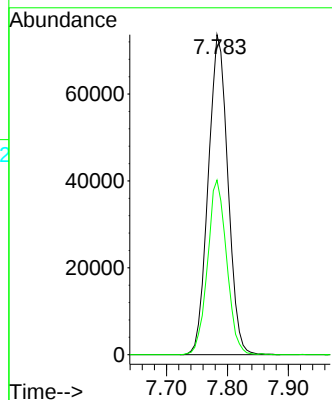
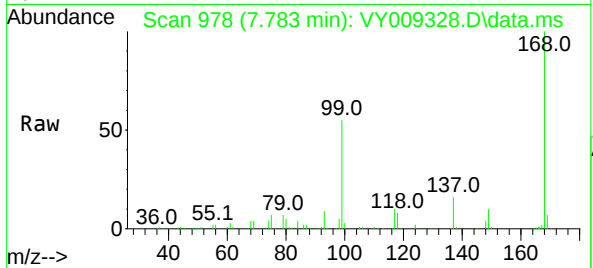




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009328.D
Acq: 25 Jun 2022 16:55

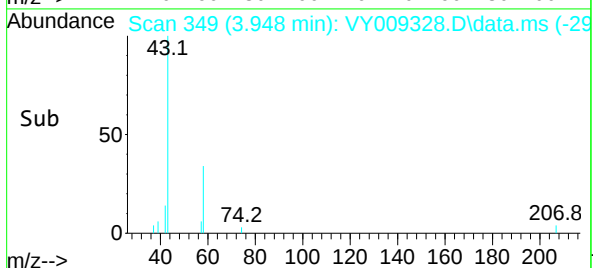
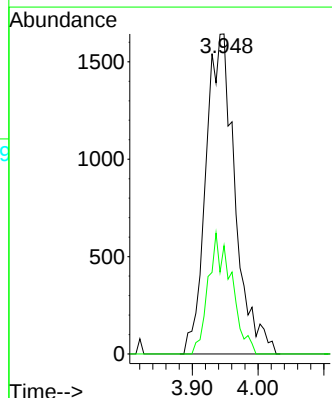
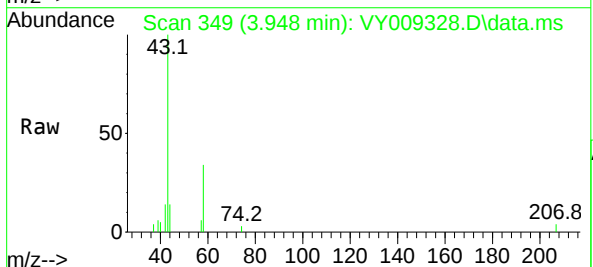
Instrument :
MSVOA_Y
ClientSampleId :
SB-12-0-2-20220623

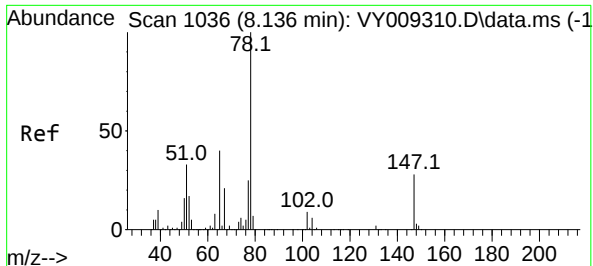
Tgt Ion:168 Resp: 165086
Ion Ratio Lower Upper
168 100
99 54.5 42.1 63.1



#16
Acetone
Concen: 11.972 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY009328.D
Acq: 25 Jun 2022 16:55

Tgt Ion: 43 Resp: 5053
Ion Ratio Lower Upper
43 100
58 33.8 24.0 36.0





#33

1,2-Dichloroethane-d4

Concen: 84.874 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009328.D

Acq: 25 Jun 2022 16:55

Instrument :

MSVOA_Y

ClientSampleId :

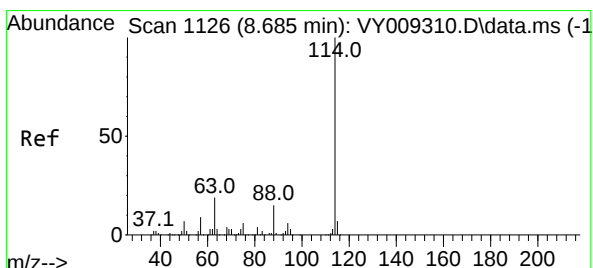
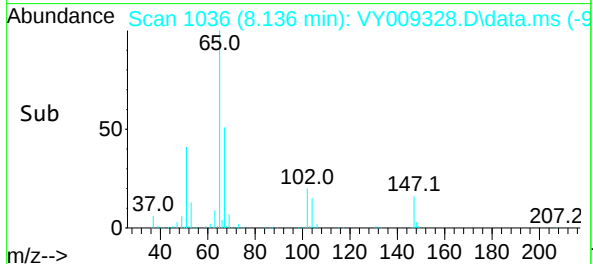
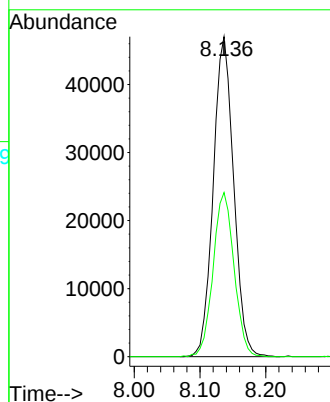
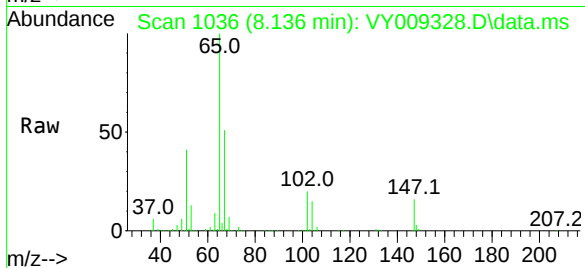
SB-12-0-2-20220623

Tgt Ion: 65 Resp: 101538

Ion Ratio Lower Upper

65 100

67 52.7 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009328.D

Acq: 25 Jun 2022 16:55

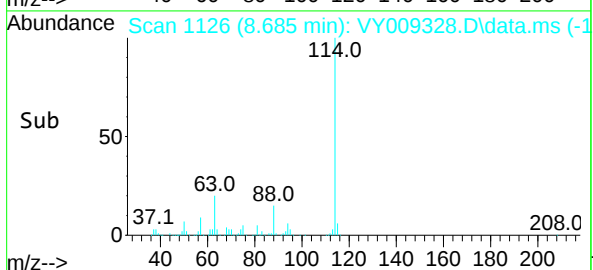
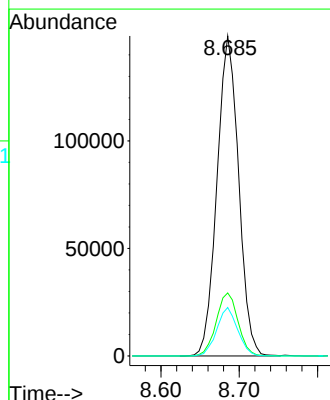
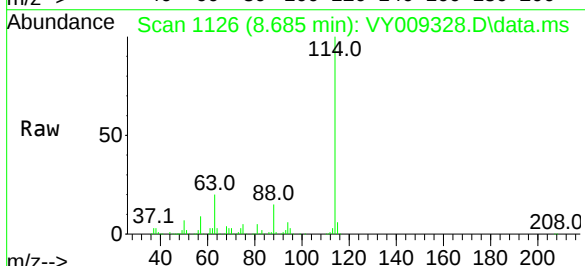
Tgt Ion: 114 Resp: 285638

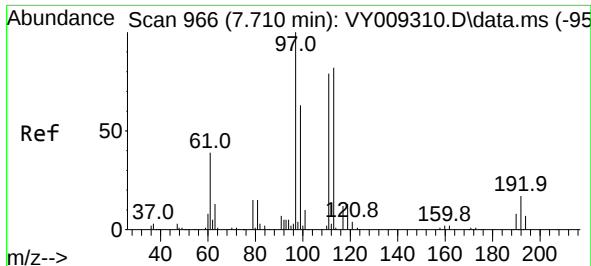
Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.0

88 15.1 0.0 30.0

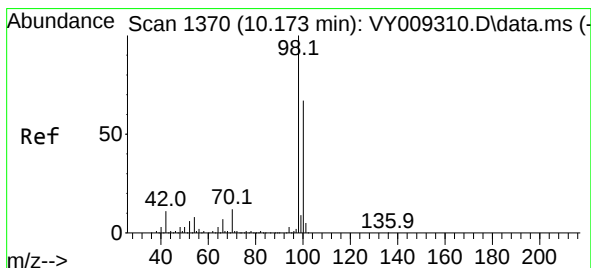
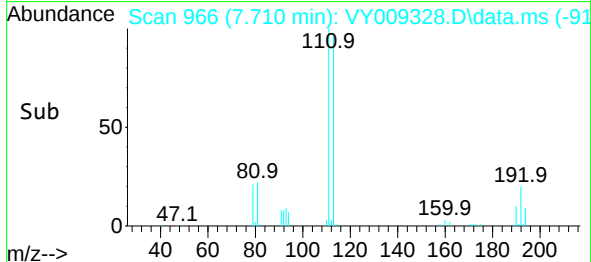
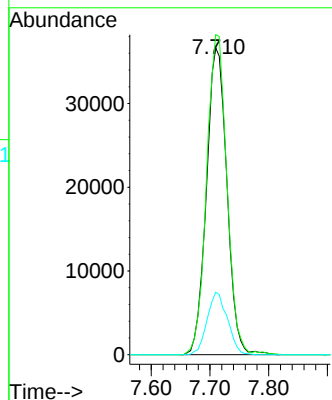
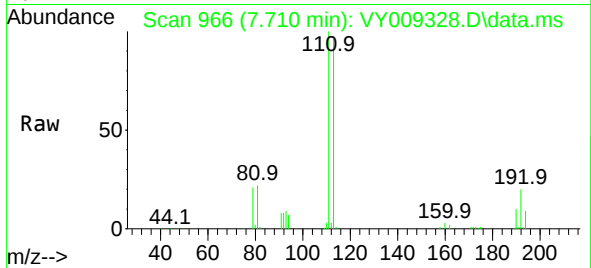




#35
Dibromofluoromethane
Concen: 57.628 ug/l
RT: 7.710 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009328.D
Acq: 25 Jun 2022 16:55

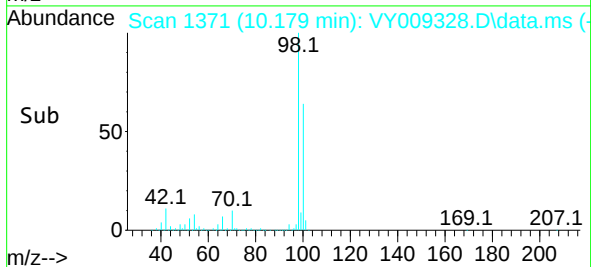
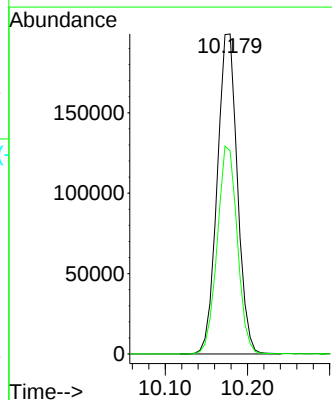
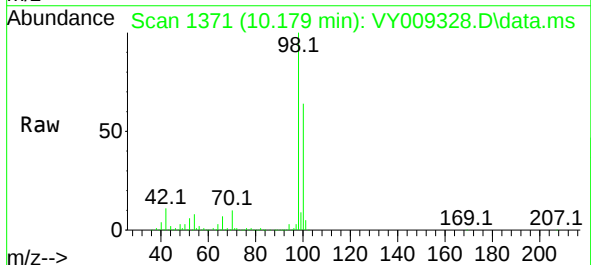
Instrument :
MSVOA_Y
ClientSampleId :
SB-12-0-2-20220623

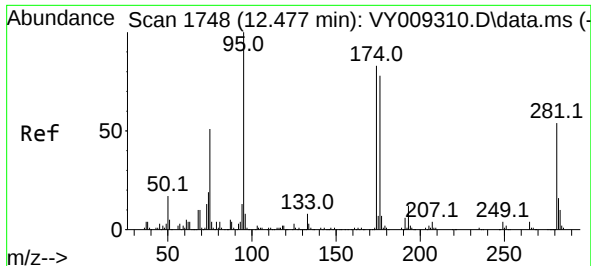
Tgt Ion:113 Resp: 88848
Ion Ratio Lower Upper
113 100
111 103.5 80.6 120.8
192 20.1 16.2 24.4



#50
Toluene-d8
Concen: 79.408 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY009328.D
Acq: 25 Jun 2022 16:55

Tgt Ion: 98 Resp: 339713
Ion Ratio Lower Upper
98 100
100 64.6 52.9 79.3

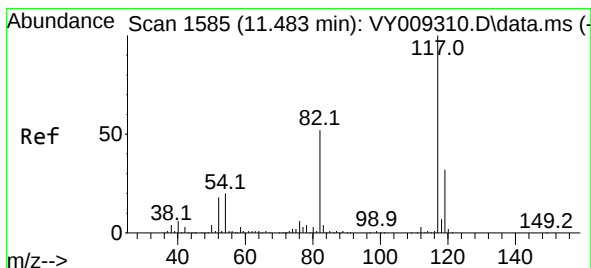
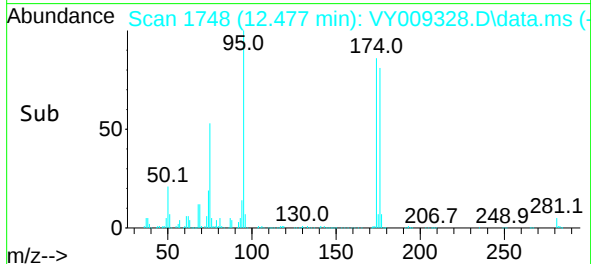
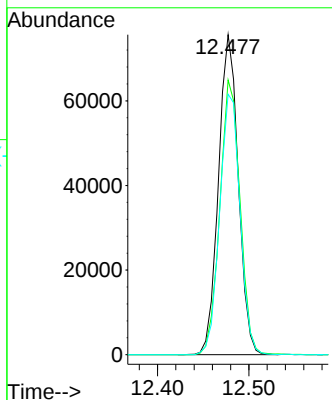
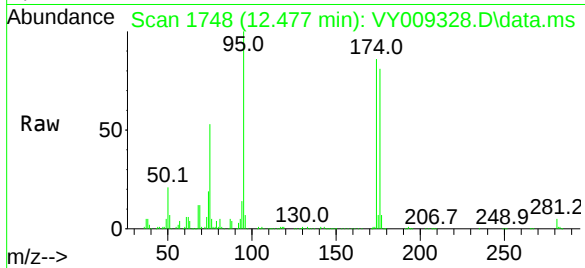




#62
4-Bromofluorobenzene
Concen: 51.902 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009328.D
Acq: 25 Jun 2022 16:55

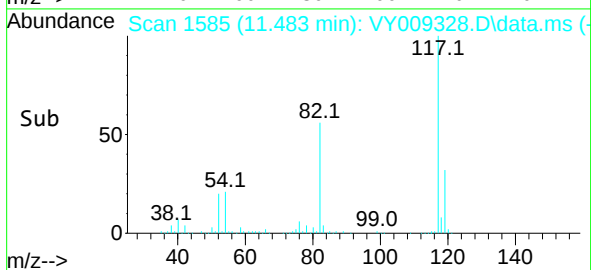
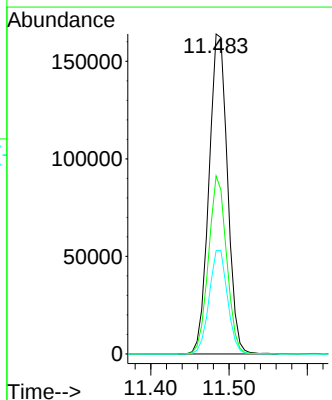
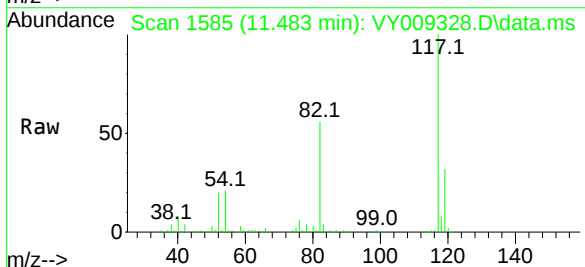
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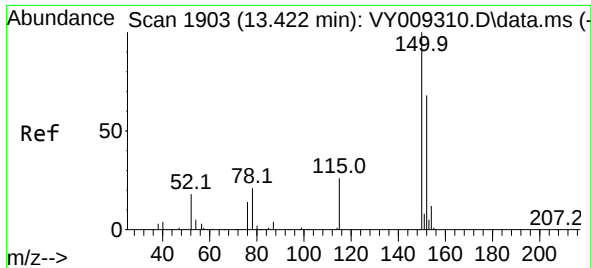
Tgt Ion: 95 Resp: 113966
Ion Ratio Lower Upper
95 100
174 87.3 0.0 173.8
176 83.5 0.0 167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VY009328.D
Acq: 25 Jun 2022 16:55

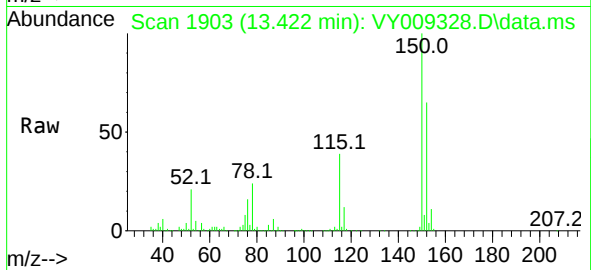
Tgt Ion: 117 Resp: 269146
Ion Ratio Lower Upper
117 100
82 55.6 41.8 62.6
119 32.3 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009328.D
 Acq: 25 Jun 2022 16:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-12-0-2-20220623



Tgt Ion:152 Resp: 124772
 Ion Ratio Lower Upper
 152 100
 115 56.8 28.6 85.9
 150 153.5 0.0 349.8

