

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021723\
 Data File : VY012649.D
 Acq On : 17 Feb 2023 14:32
 Operator : KP/MD
 Sample : 01595-02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-322-2

Quant Time: Feb 17 15:02:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

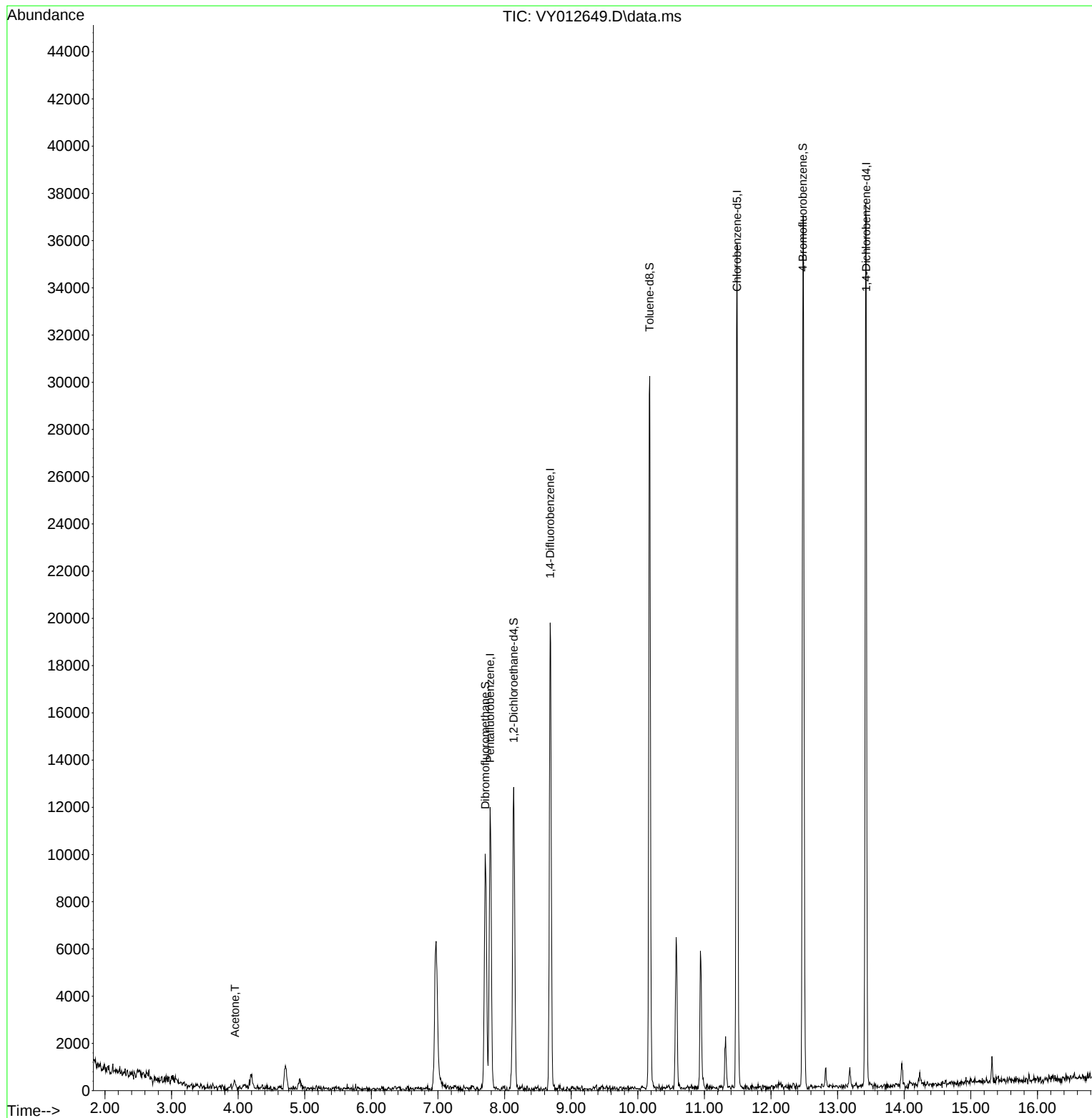
Internal Standards						
1) Pentafluorobenzene	7.783	168	9805	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	18619	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	21631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	10896	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	10806	86.668	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 173.340%#	
35) Dibromofluoromethane	7.710	113	6959	51.322	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.640%	
50) Toluene-d8	10.179	98	21655	38.369	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 76.740%	
62) 4-Bromofluorobenzene	12.477	95	8837	44.890	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.780%	
Target Compounds						
16) Acetone	3.954	43	576	19.194	ug/l	Qvalue 97

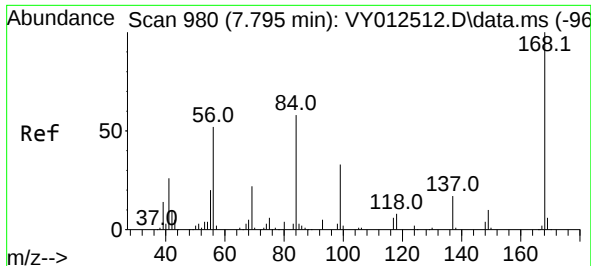
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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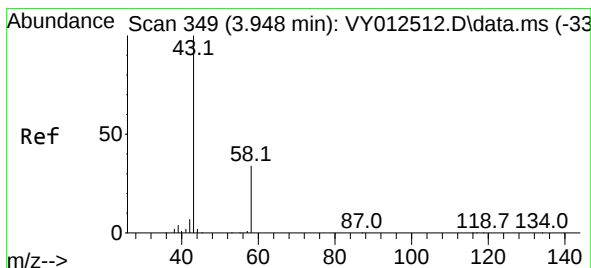
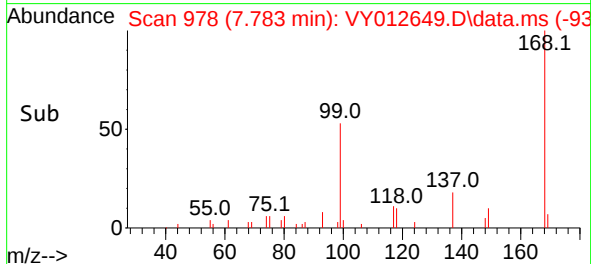
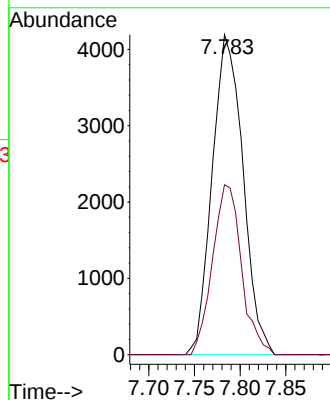
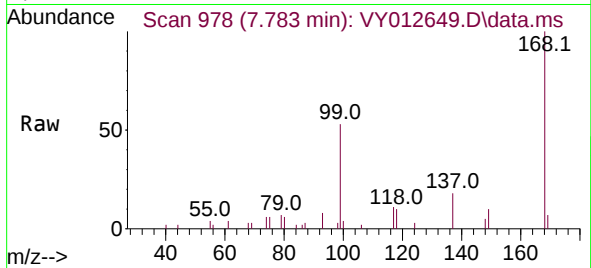




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY012649.D
Acq: 17 Feb 2023 14:32

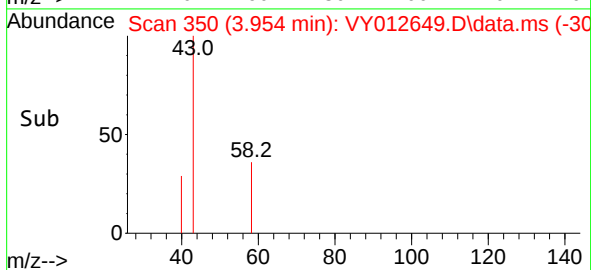
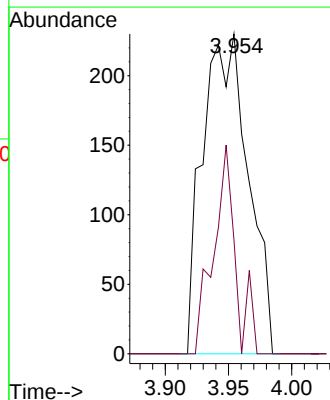
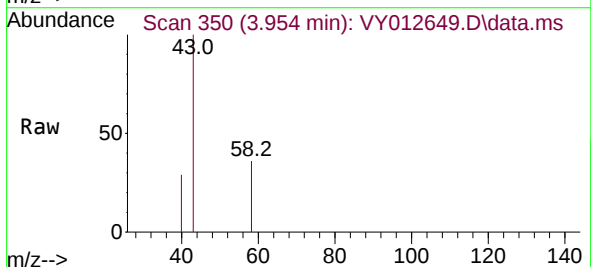
Instrument :
MSVOA_Y
ClientSampleId :
S-322-2

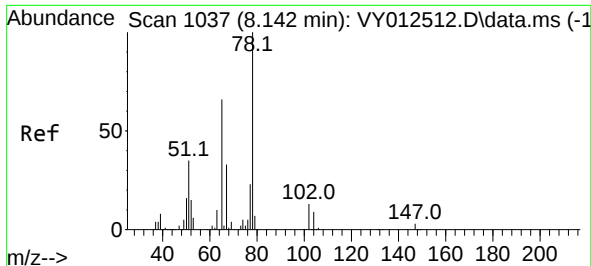
Tgt Ion:168 Resp: 9805
Ion Ratio Lower Upper
168 100
99 53.1 40.8 61.2



#16
Acetone
Concen: 19.194 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY012649.D
Acq: 17 Feb 2023 14:32

Tgt Ion: 43 Resp: 576
Ion Ratio Lower Upper
43 100
58 35.7 27.1 40.7





#33

1,2-Dichloroethane-d4

Concen: 86.668 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY012649.D

Acq: 17 Feb 2023 14:32

Instrument :

MSVOA_Y

ClientSampleId :

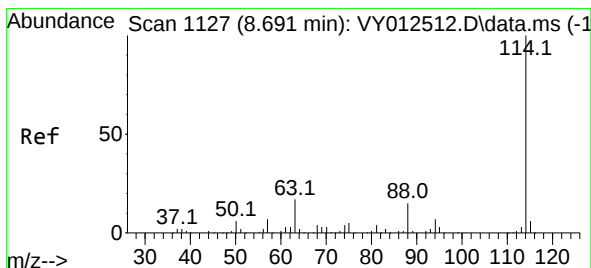
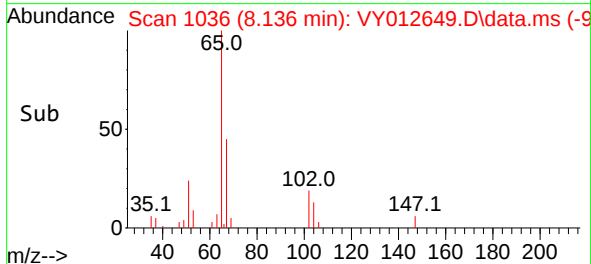
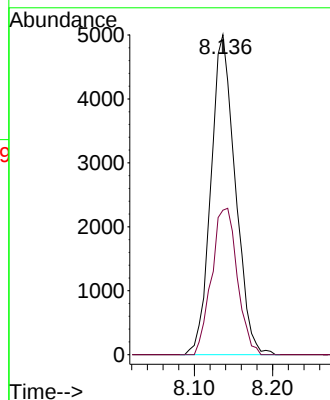
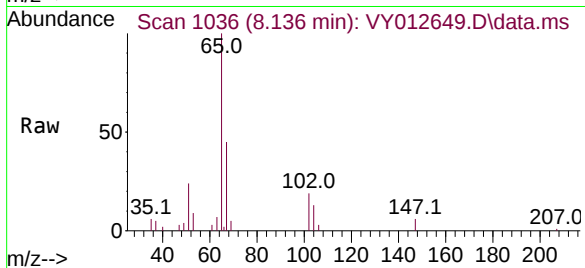
S-322-2

Tgt Ion: 65 Resp: 10806

Ion Ratio Lower Upper

65 100

67 48.2 0.0 98.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012649.D

Acq: 17 Feb 2023 14:32

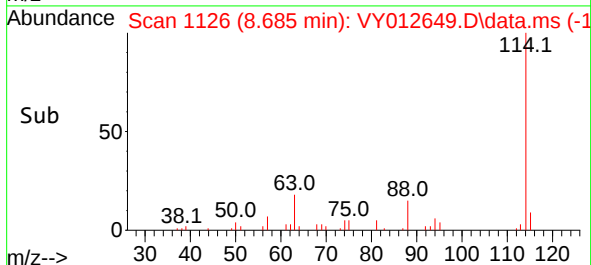
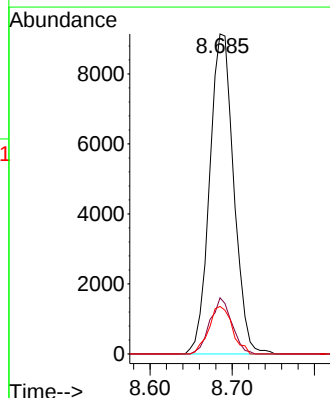
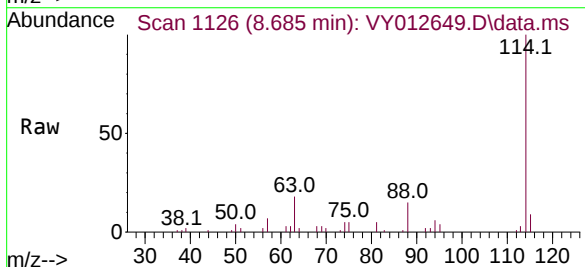
Tgt Ion: 114 Resp: 18619

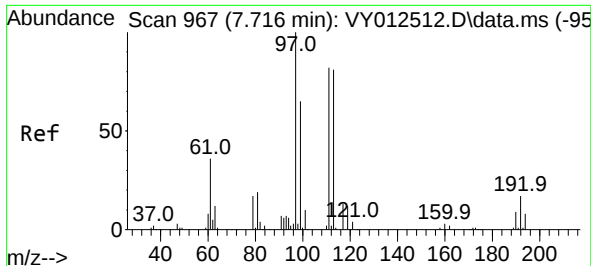
Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.6

88 14.9 0.0 29.8

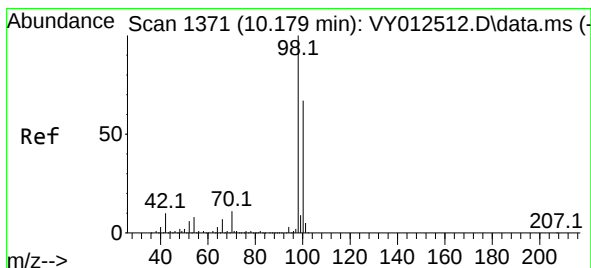
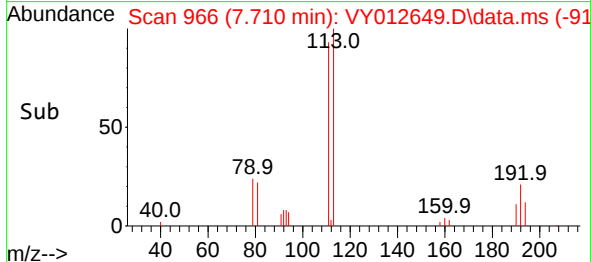
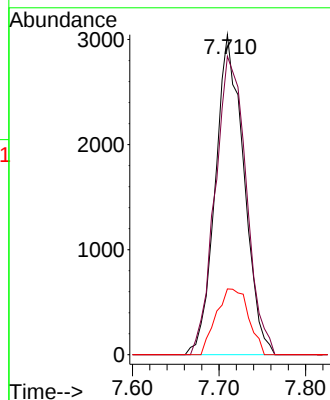
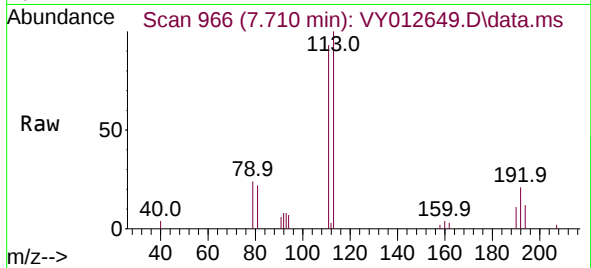




#35
Dibromofluoromethane
Concen: 51.322 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012649.D
Acq: 17 Feb 2023 14:32

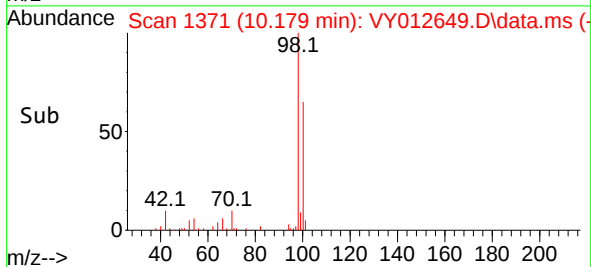
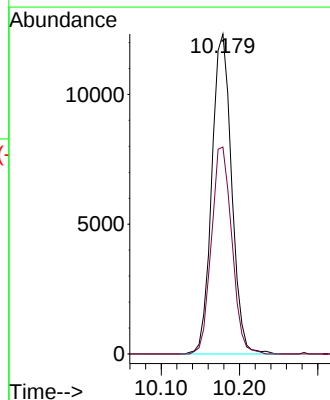
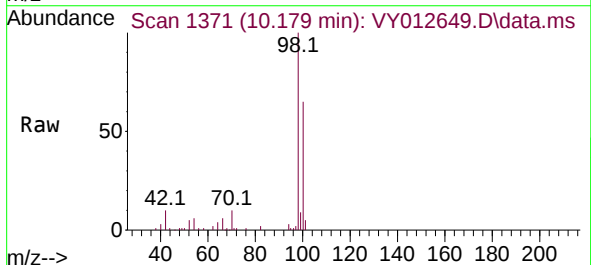
Instrument :
MSVOA_Y
ClientSampleId :
S-322-2

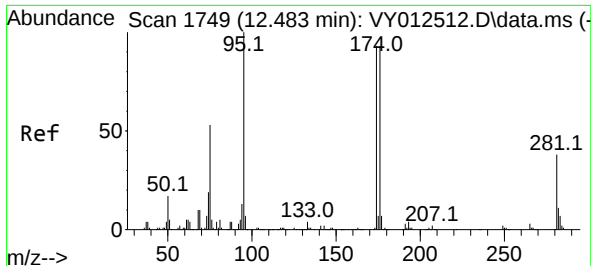
Tgt Ion:113 Resp: 6959
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 23.3 17.5 26.3



#50
Toluene-d8
Concen: 38.369 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012649.D
Acq: 17 Feb 2023 14:32

Tgt Ion: 98 Resp: 21655
Ion Ratio Lower Upper
98 100
100 66.6 52.2 78.2

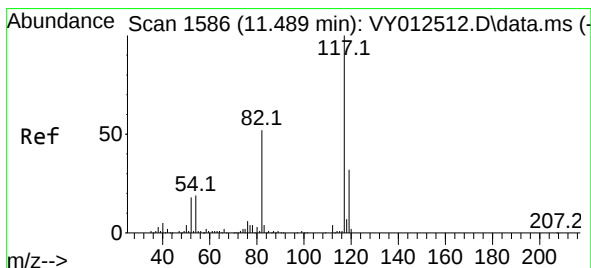
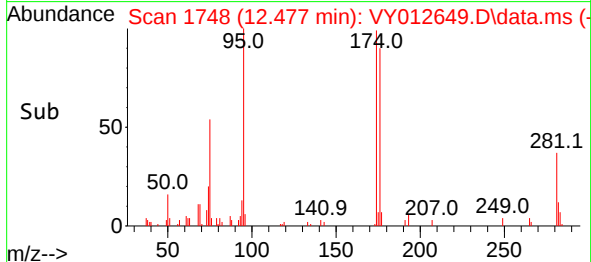
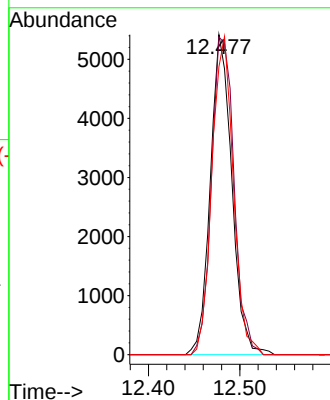
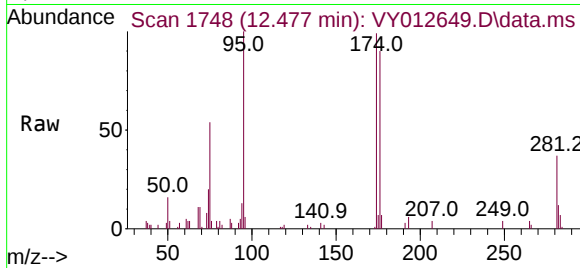




#62
4-Bromofluorobenzene
Concen: 44.890 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012649.D
Acq: 17 Feb 2023 14:32

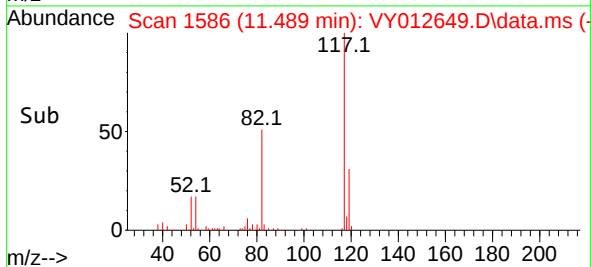
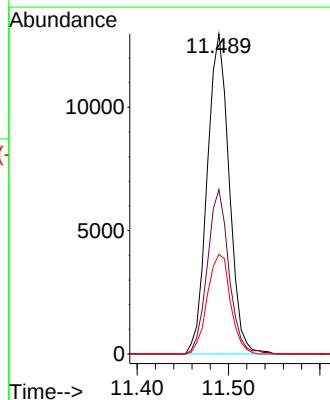
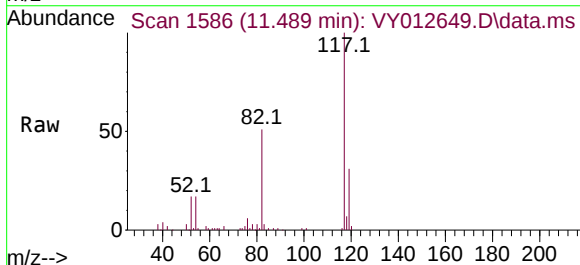
Instrument :
MSVOA_Y
ClientSampleId :
S-322-2

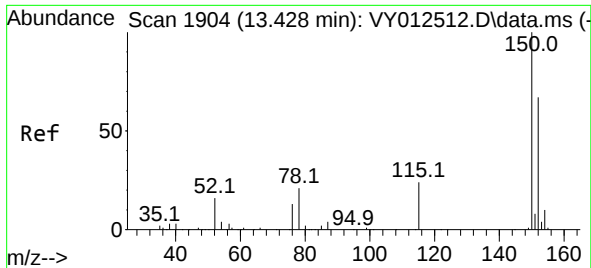
Tgt Ion:	95	Resp:	8837
Ion	Ratio	Lower	Upper
95	100		
174	104.0	0.0	188.0
176	98.9	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY012649.D
Acq: 17 Feb 2023 14:32

Tgt Ion:	117	Resp:	21631
Ion	Ratio	Lower	Upper
117	100		
82	51.3	41.7	62.5
119	31.1	25.8	38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012649.D

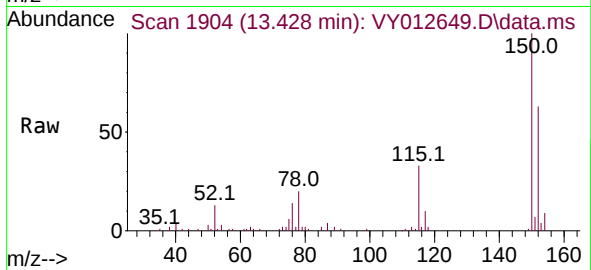
Acq: 17 Feb 2023 14:32

Instrument :

MSVOA_Y

ClientSampleId :

S-322-2



Tgt Ion:152 Resp: 10896

Ion Ratio Lower Upper

152 100

115 54.5 28.1 84.3

150 156.4 0.0 351.0

