

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070622\
 Data File : VY009452.D
 Acq On : 06 Jul 2022 14:31
 Operator : KP/MD
 Sample : N3579-01
 Misc : 4.85g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-03-070522

Quant Time: Jul 07 01:49:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

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

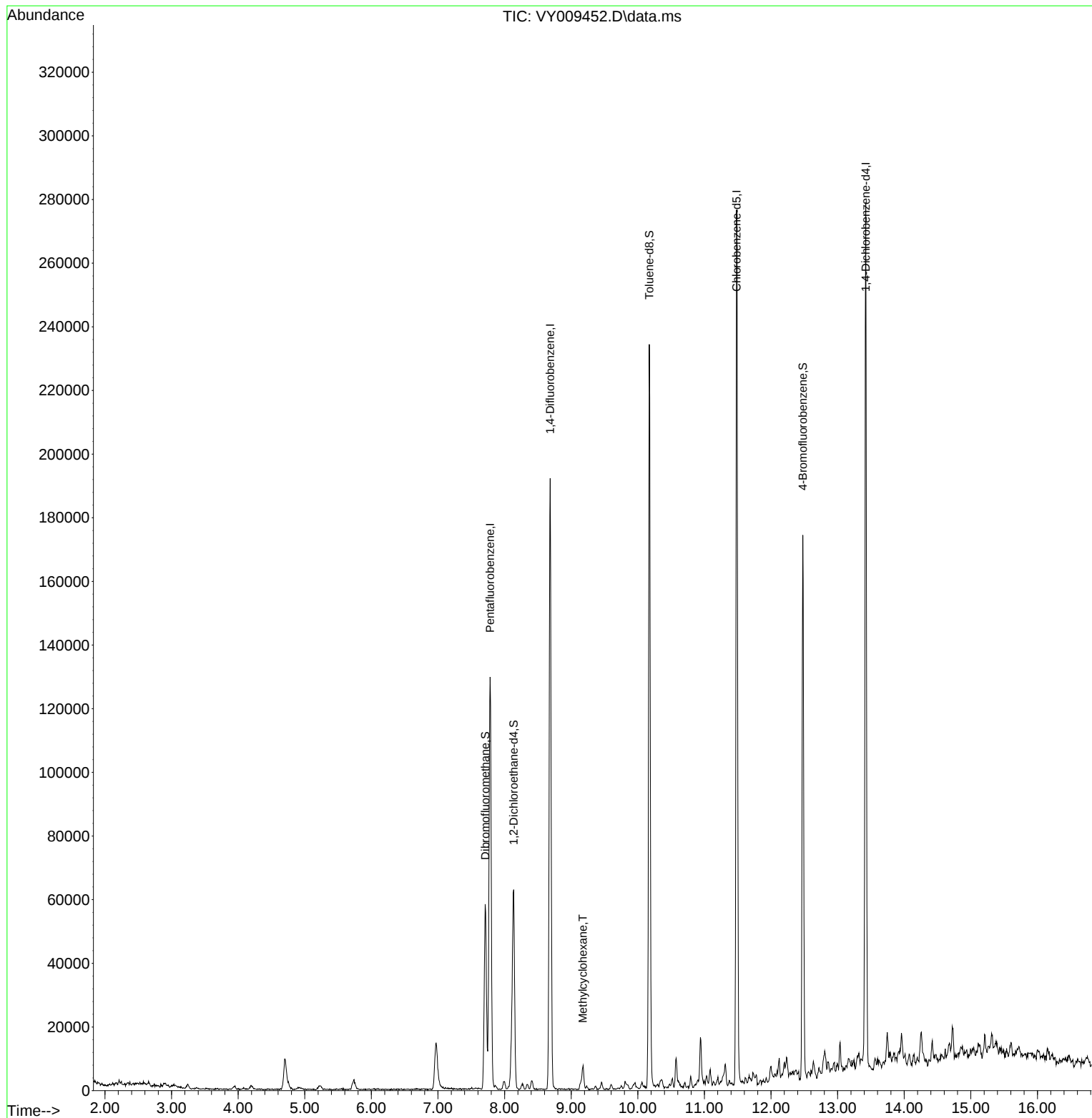
Internal Standards						
1) Pentafluorobenzene	7.783	168	103716	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	167482	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	154025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	69666	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	43697	52.601	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.200%	
35) Dibromofluoromethane	7.710	113	40068	43.468	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 86.940%	
50) Toluene-d8	10.173	98	149424	52.871	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 105.740%	
62) 4-Bromofluorobenzene	12.477	95	50684	37.813	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 75.620%	
Target Compounds						
39) Methylcyclohexane	9.173	83	3201	1.678	ug/l	Qvalue # 80

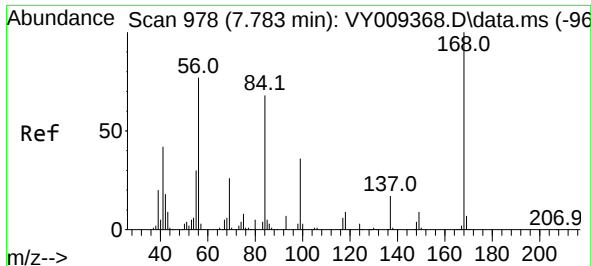
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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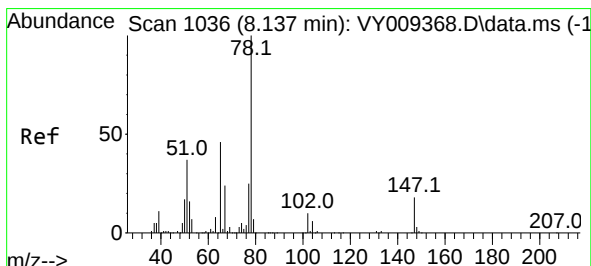
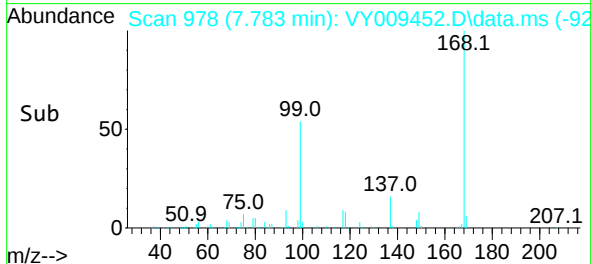
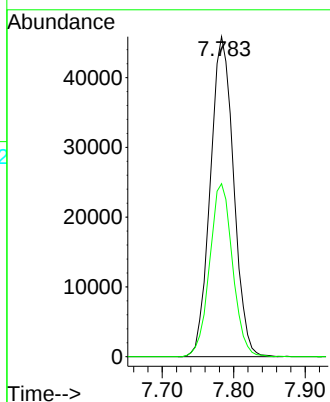
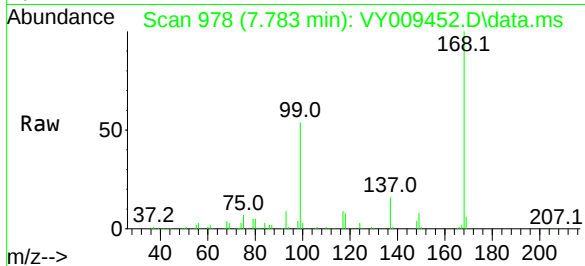




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009452.D
Acq: 06 Jul 2022 14:31

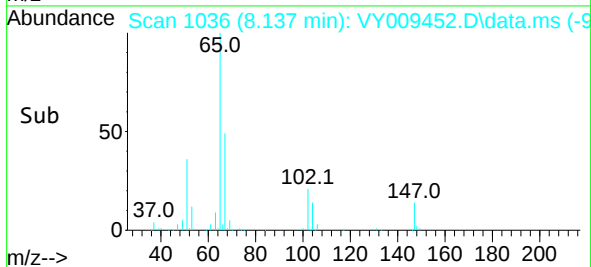
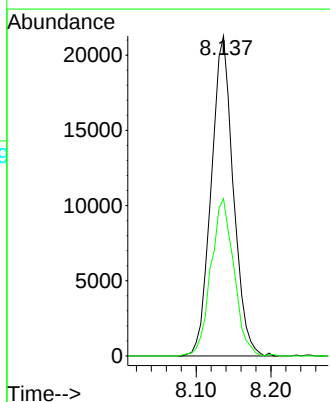
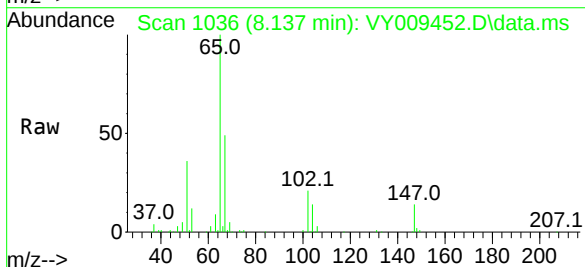
Instrument :
MSVOA_Y
ClientSampleId :
OK-03-070522

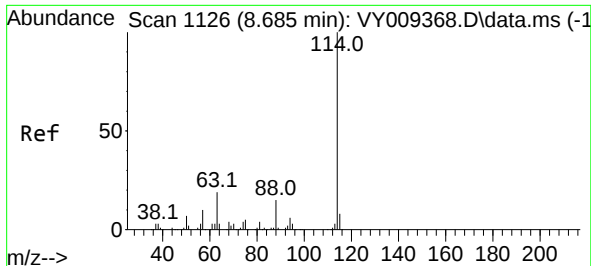
Tgt Ion:168 Resp: 103716
Ion Ratio Lower Upper
168 100
99 54.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 52.601 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY009452.D
Acq: 06 Jul 2022 14:31

Tgt Ion: 65 Resp: 43697
Ion Ratio Lower Upper
65 100
67 51.0 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: VY009452.D

Acq: 06 Jul 2022 14:31

Instrument :

MSVOA_Y

ClientSampleId :

OK-03-070522

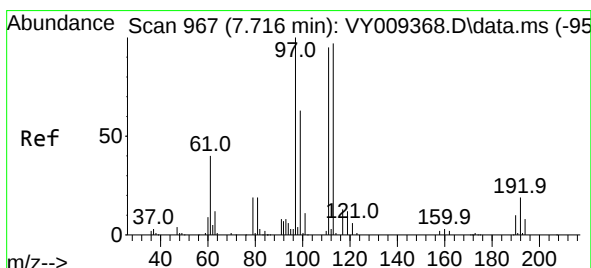
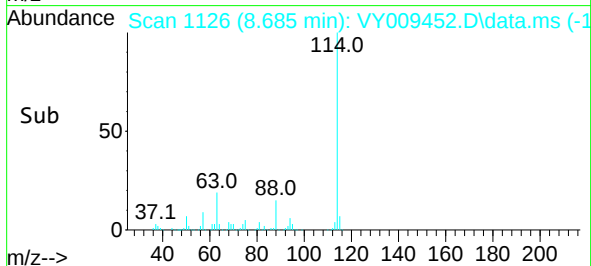
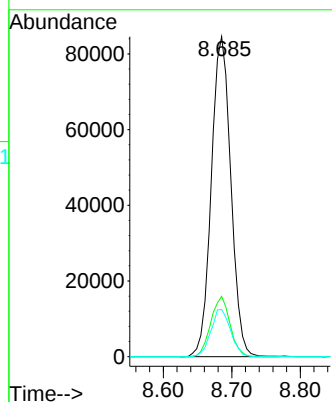
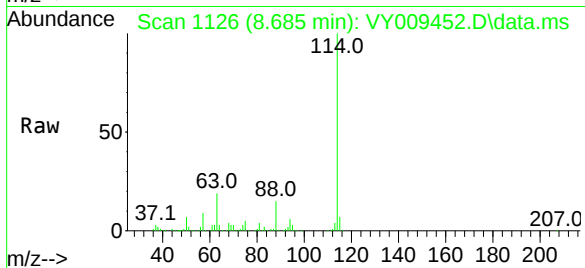
Tgt Ion:114 Resp: 167482

Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 14.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 43.468 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009452.D

Acq: 06 Jul 2022 14:31

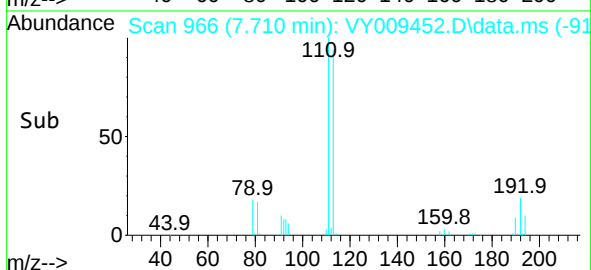
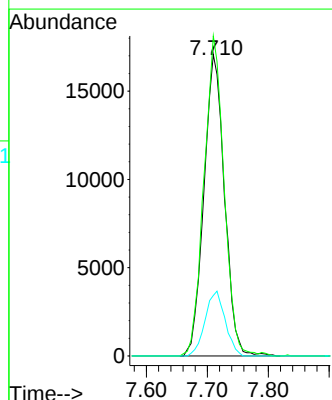
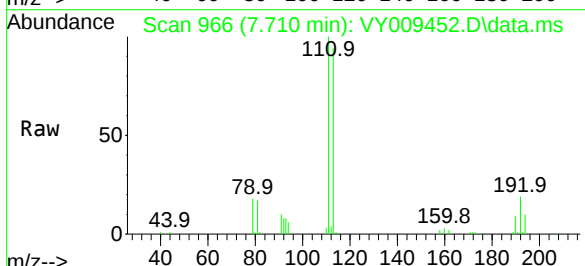
Tgt Ion:113 Resp: 40068

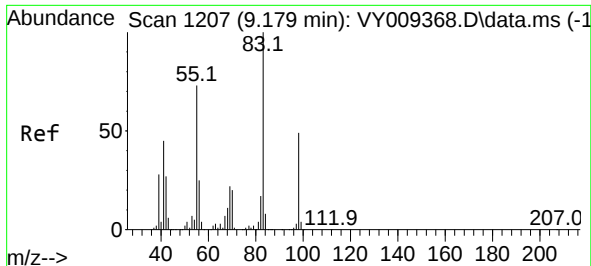
Ion Ratio Lower Upper

113 100

111 103.8 82.6 124.0

192 20.9 17.6 26.4

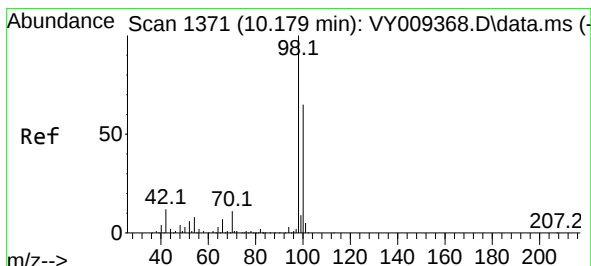
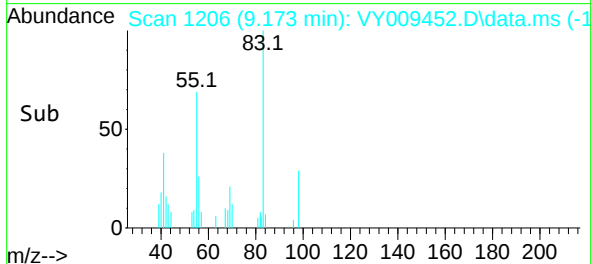
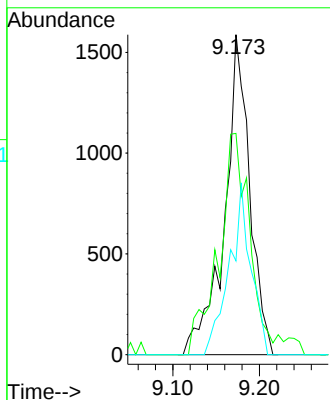
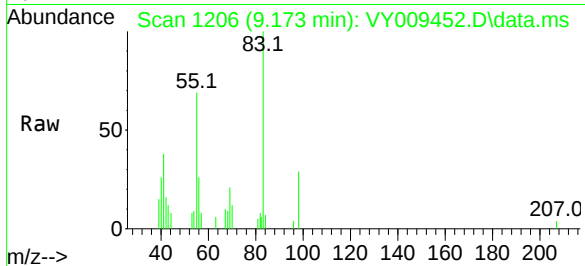




#39
Methylcyclohexane
Concen: 1.678 ug/l
RT: 9.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009452.D
Acq: 06 Jul 2022 14:31

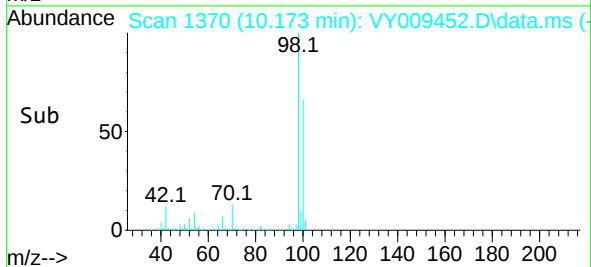
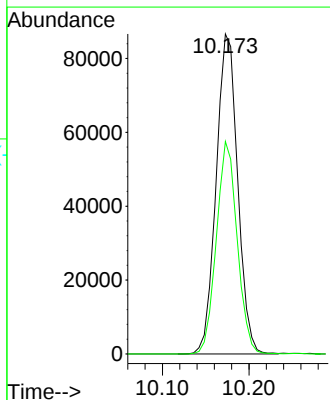
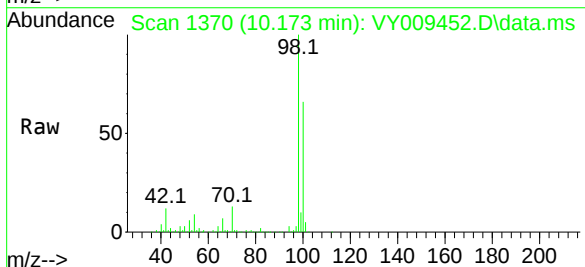
Instrument :
MSVOA_Y
ClientSampleId :
OK-03-070522

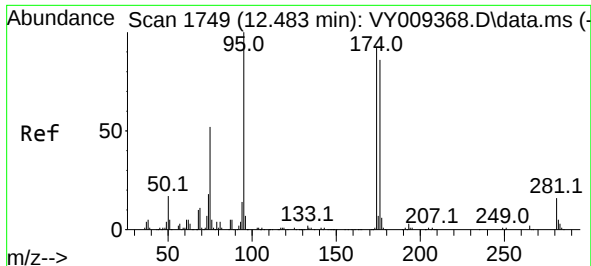
Tgt Ion: 83 Resp: 3201
Ion Ratio Lower Upper
83 100
55 69.1 66.5 99.7
98 29.3 37.9 56.9#



#50
Toluene-d8
Concen: 52.871 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY009452.D
Acq: 06 Jul 2022 14:31

Tgt Ion: 98 Resp: 149424
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2

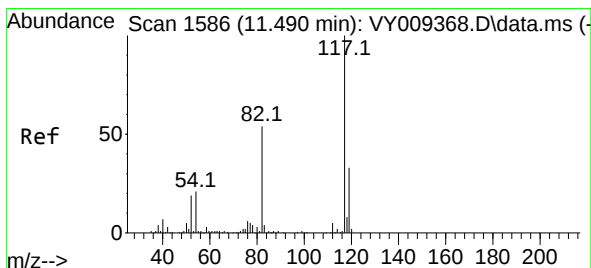
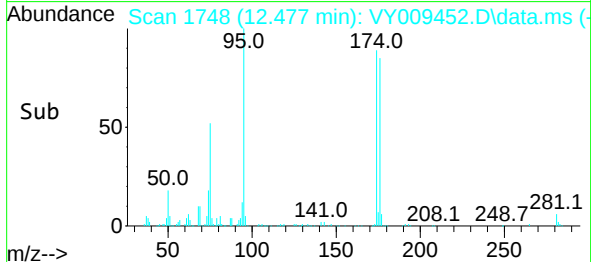
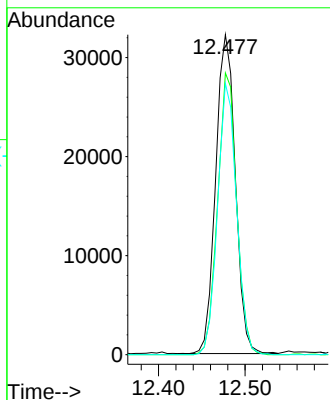
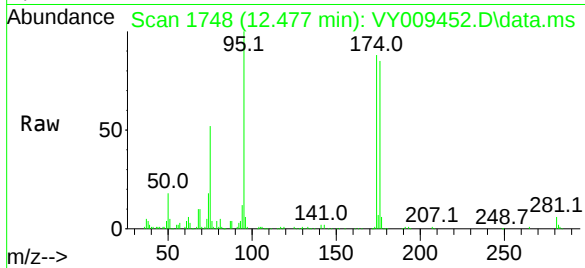




#62
4-Bromofluorobenzene
Concen: 37.813 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009452.D
Acq: 06 Jul 2022 14:31

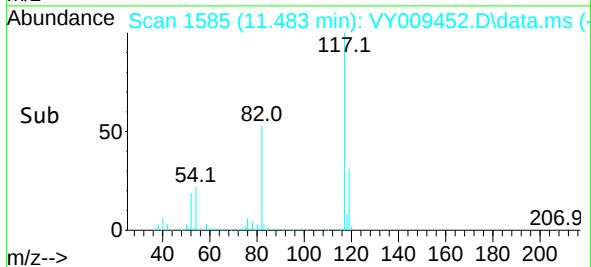
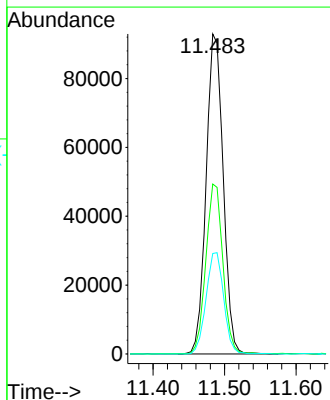
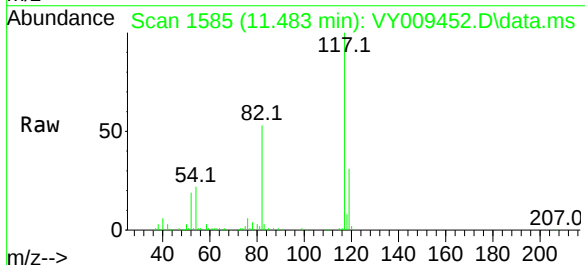
Instrument :
MSVOA_Y
ClientSampleId :
OK-03-070522

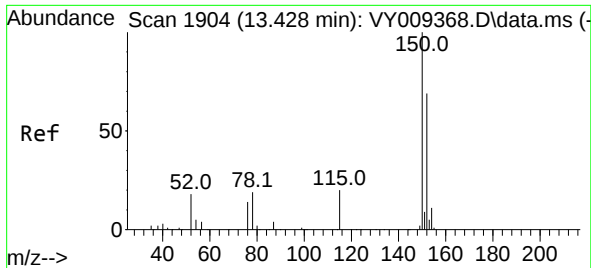
Tgt Ion: 95 Resp: 50684
Ion Ratio Lower Upper
95 100
174 85.4 0.0 177.0
176 82.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.007 min
Lab File: VY009452.D
Acq: 06 Jul 2022 14:31

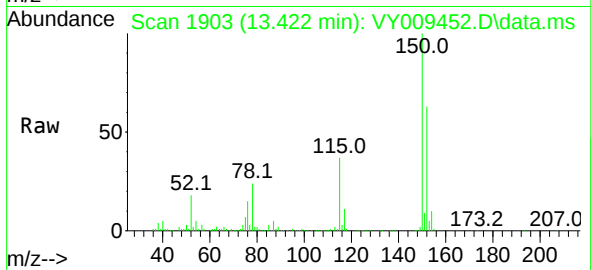
Tgt Ion: 117 Resp: 154025
Ion Ratio Lower Upper
117 100
82 53.0 43.0 64.4
119 31.4 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009452.D
 Acq: 06 Jul 2022 14:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-03-070522



Tgt Ion:152 Resp: 69666
 Ion Ratio Lower Upper
 152 100
 115 57.2 28.2 84.7
 150 158.7 0.0 347.6

