

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072122\
 Data File : VY009628.D
 Acq On : 21 Jul 2022 13:01
 Operator : KP/MD
 Sample : N3815-01
 Misc : 5.17g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-190E

Quant Time: Jul 22 02:29:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

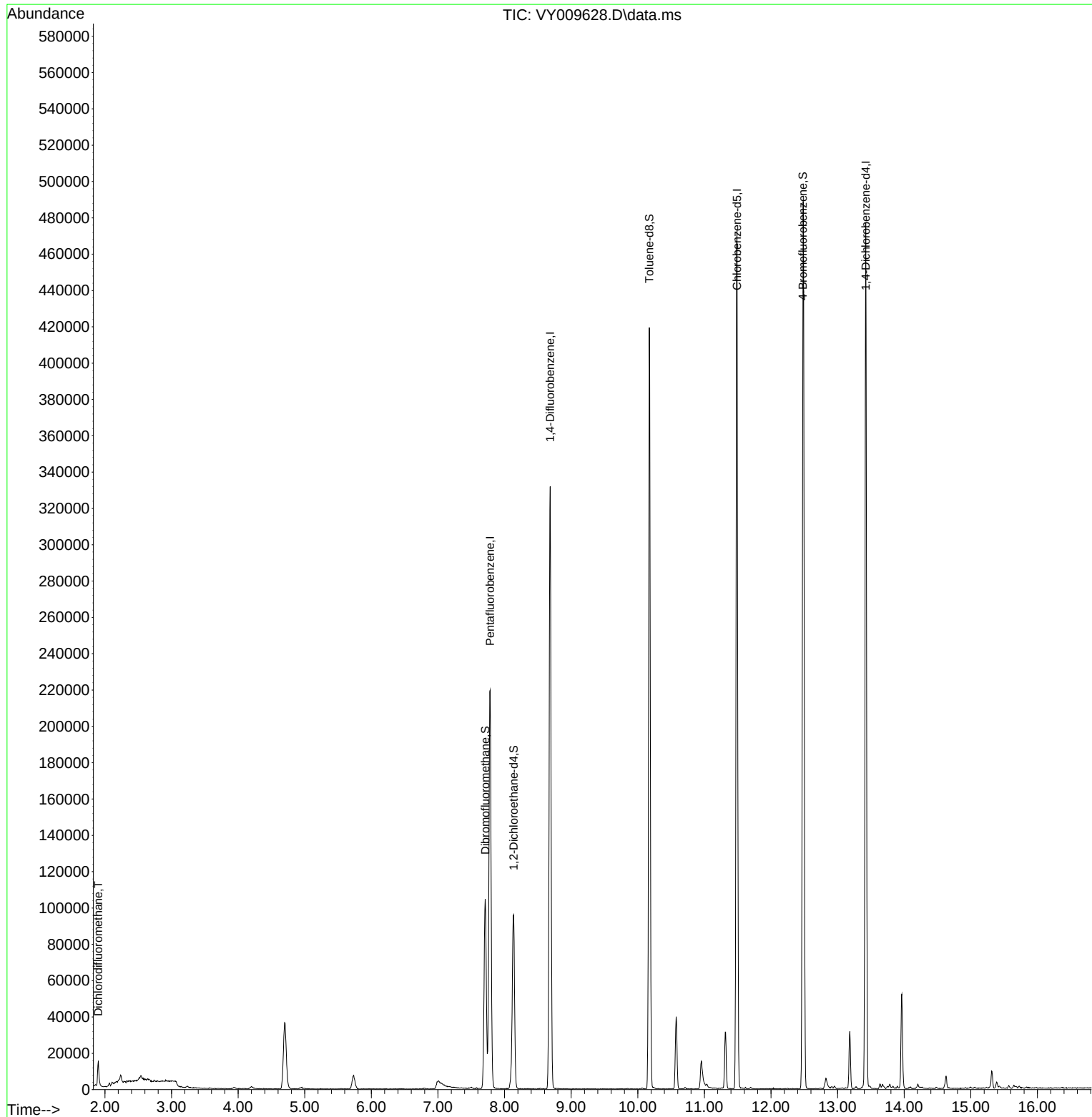
Internal Standards						
1) Pentafluorobenzene	7.783	168	183232	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	295499	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	277577	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	128908	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	74217	42.828	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.660%
35) Dibromofluoromethane	7.710	113	74587	40.065	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.140%
50) Toluene-d8	10.173	98	276450	38.628	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	77.260%#
62) 4-Bromofluorobenzene	12.477	95	89452	38.574	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	77.140%
Target Compounds						
2) Dichlorodifluoromethane	1.900	85	10399	6.468	ug/l	Qvalue 99

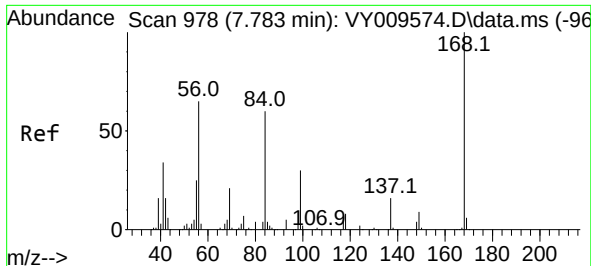
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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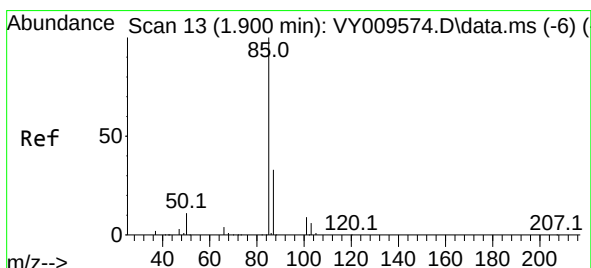
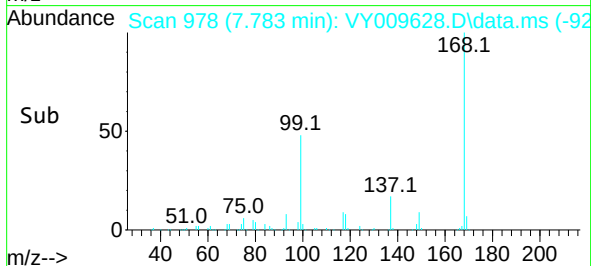
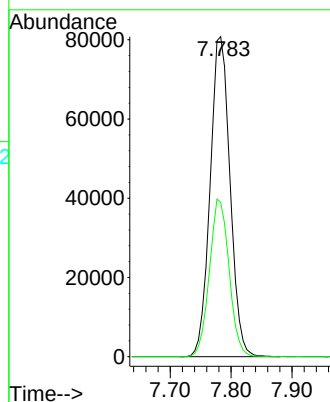
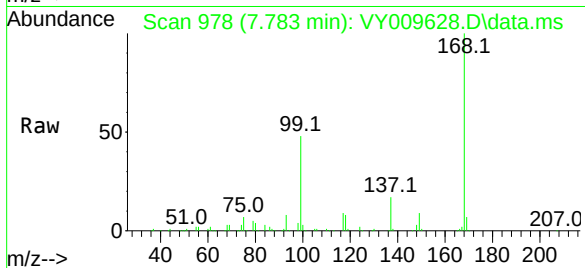




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009628.D
Acq: 21 Jul 2022 13:01

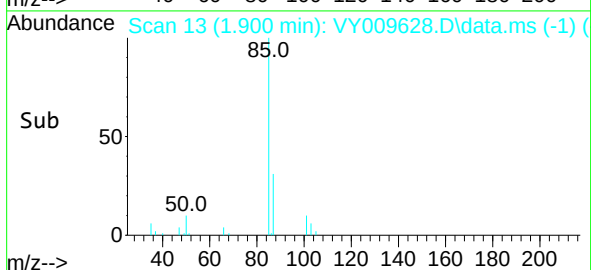
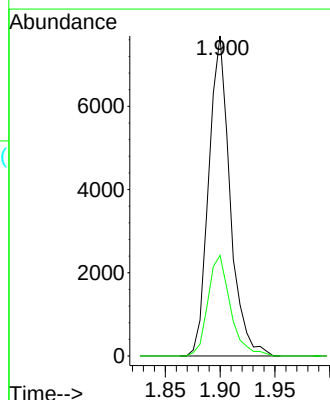
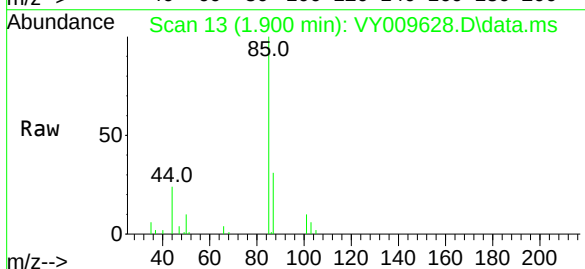
Instrument :
MSVOA_Y
ClientSampleId :
MH-190E

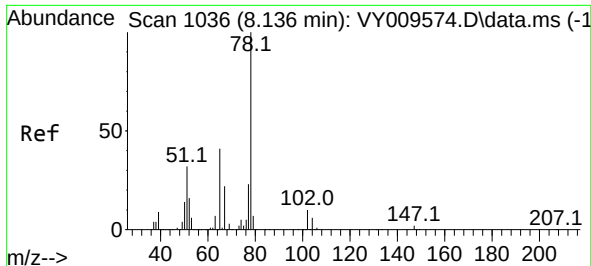
Tgt Ion:168 Resp: 183232
Ion Ratio Lower Upper
168 100
99 48.2 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 6.468 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY009628.D
Acq: 21 Jul 2022 13:01

Tgt Ion: 85 Resp: 10399
Ion Ratio Lower Upper
85 100
87 31.4 16.1 48.2

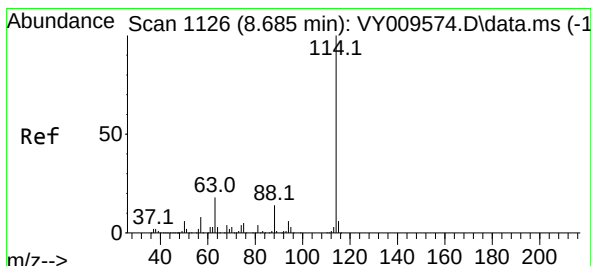
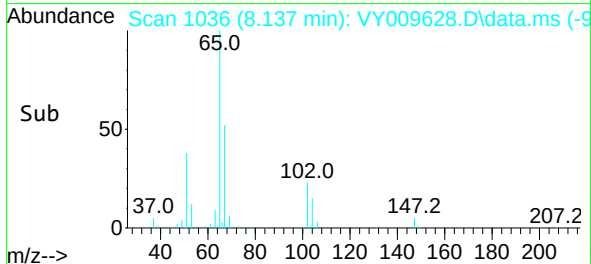
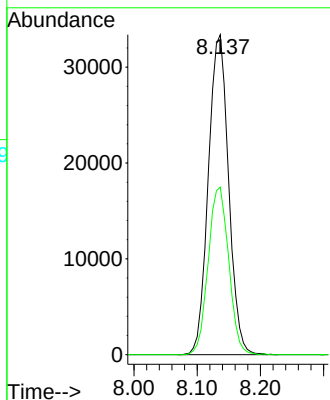
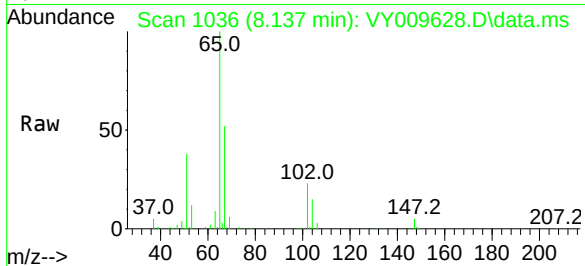




#33
 1,2-Dichloroethane-d4
 Concen: 42.828 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY009628.D
 Acq: 21 Jul 2022 13:01

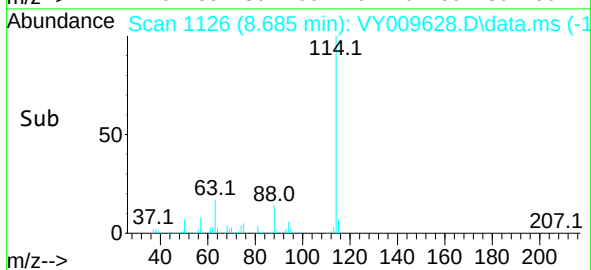
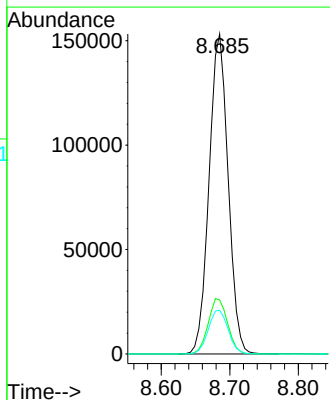
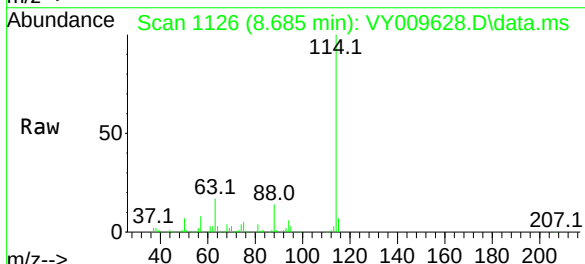
Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-190E

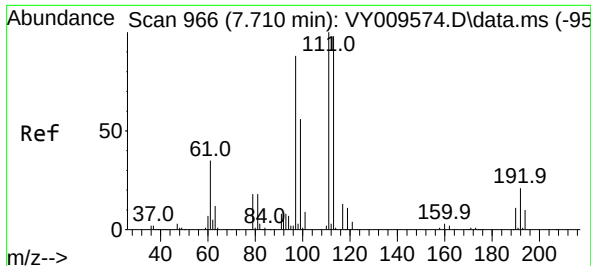
Tgt Ion: 65 Resp: 74217
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY009628.D
 Acq: 21 Jul 2022 13:01

Tgt Ion: 114 Resp: 295499
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 43.2
 88 13.6 0.0 31.8

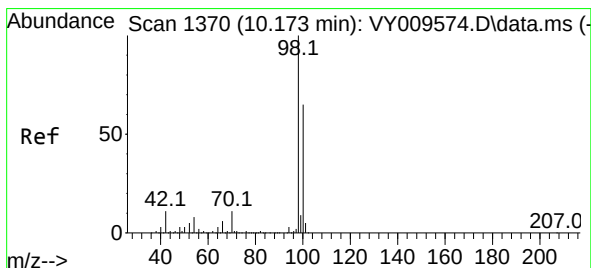
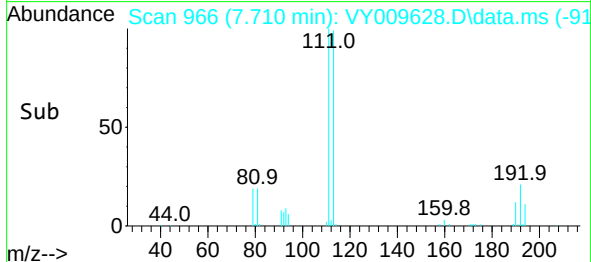
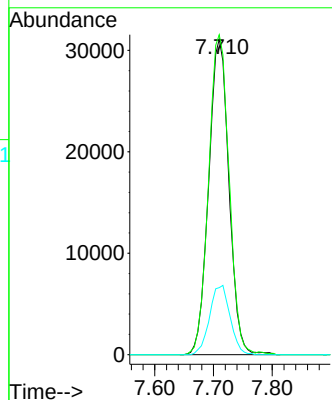
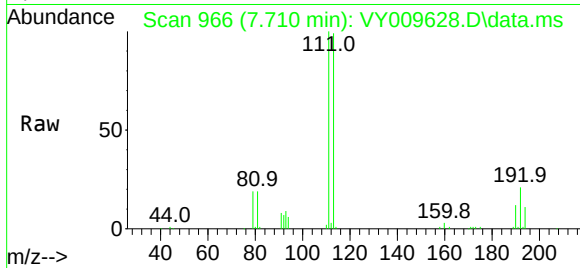




#35
Dibromofluoromethane
Concen: 40.065 ug/l
RT: 7.710 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY009628.D
Acq: 21 Jul 2022 13:01

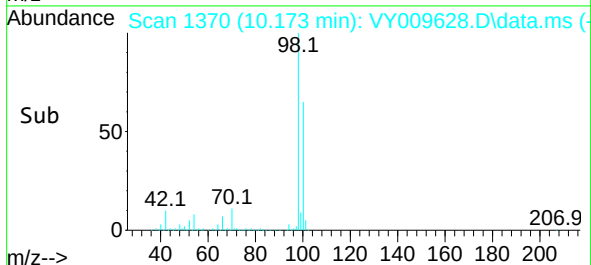
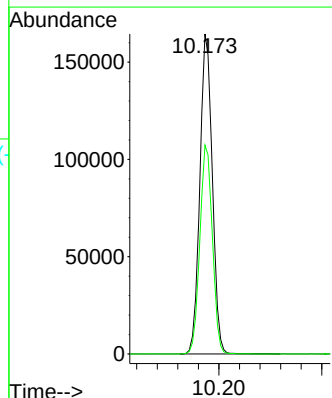
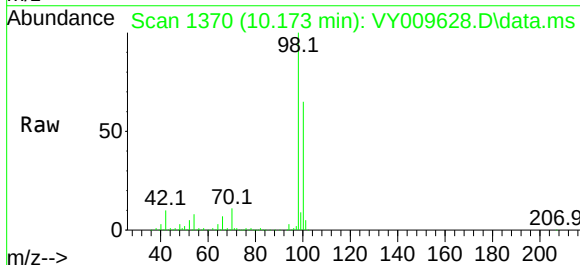
Instrument :
MSVOA_Y
ClientSampleId :
MH-190E

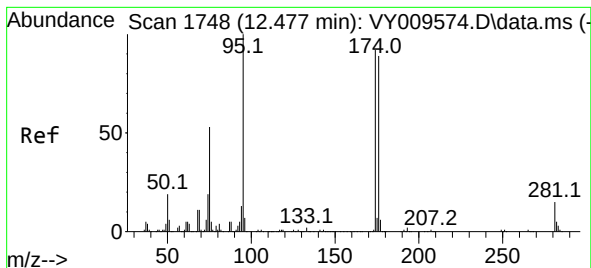
Tgt Ion:113 Resp: 74587
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 22.2 17.6 26.4



#50
Toluene-d8
Concen: 38.628 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY009628.D
Acq: 21 Jul 2022 13:01

Tgt Ion: 98 Resp: 276450
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2

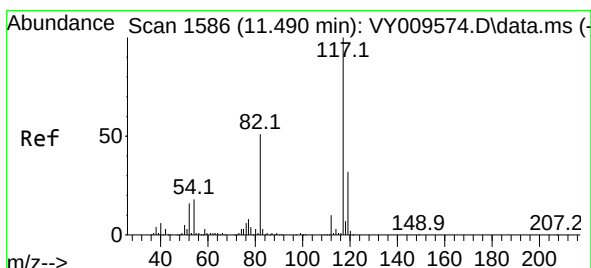
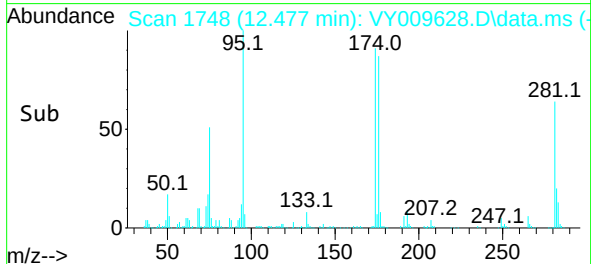
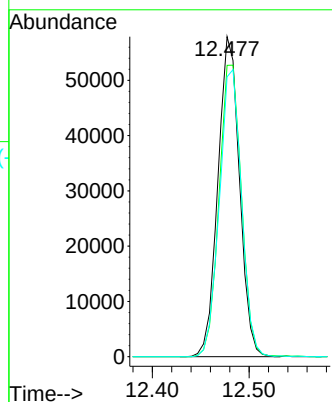
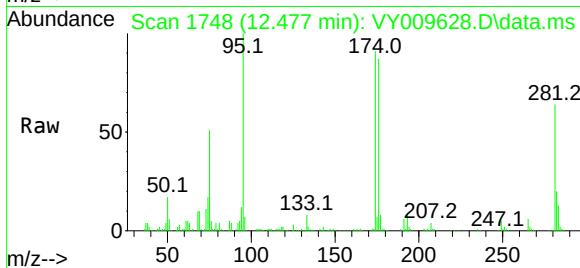




#62
4-Bromofluorobenzene
Concen: 38.574 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009628.D
Acq: 21 Jul 2022 13:01

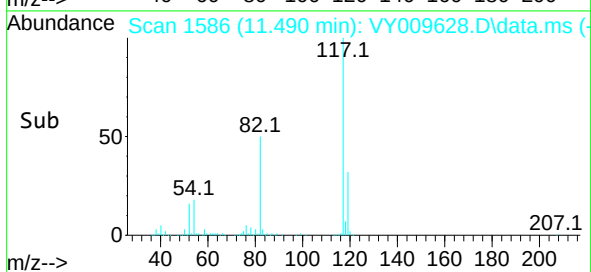
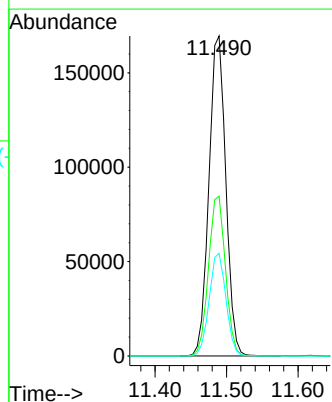
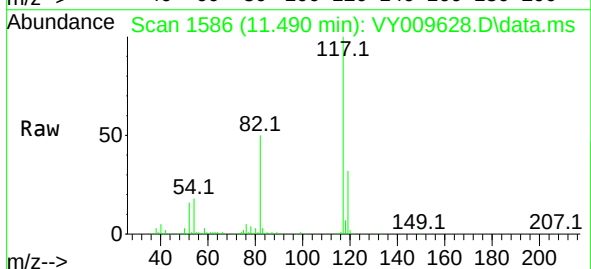
Instrument :
MSVOA_Y
ClientSampleId :
MH-190E

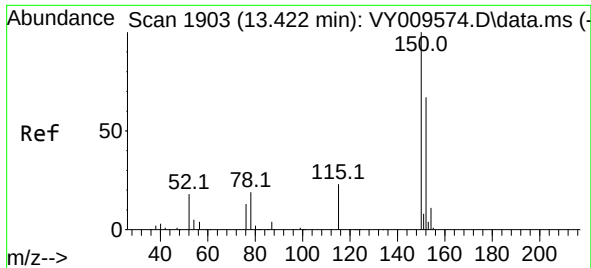
Tgt Ion: 95 Resp: 89452
Ion Ratio Lower Upper
95 100
174 94.6 0.0 177.0
176 92.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009628.D
Acq: 21 Jul 2022 13:01

Tgt Ion: 117 Resp: 277577
Ion Ratio Lower Upper
117 100
82 50.0 43.0 64.4
119 32.0 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: VY009628.D

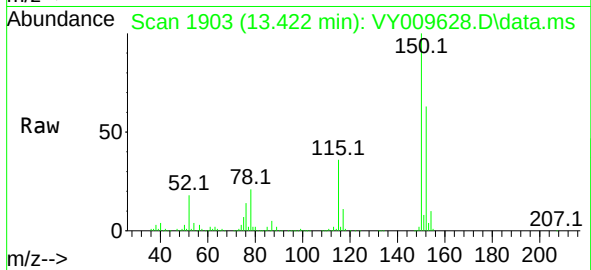
Acq: 21 Jul 2022 13:01

Instrument :

MSVOA_Y

ClientSampleId :

MH-190E



Tgt Ion:152 Resp: 128908

Ion Ratio Lower Upper

152 100

115 54.1 28.2 84.7

150 156.1 0.0 347.6

