

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072722\
 Data File : VY009722.D
 Acq On : 27 Jul 2022 14:18
 Operator : KP/MD
 Sample : N3891-01
 Misc : 5.27g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 4553-E

Quant Time: Jul 28 02:45:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

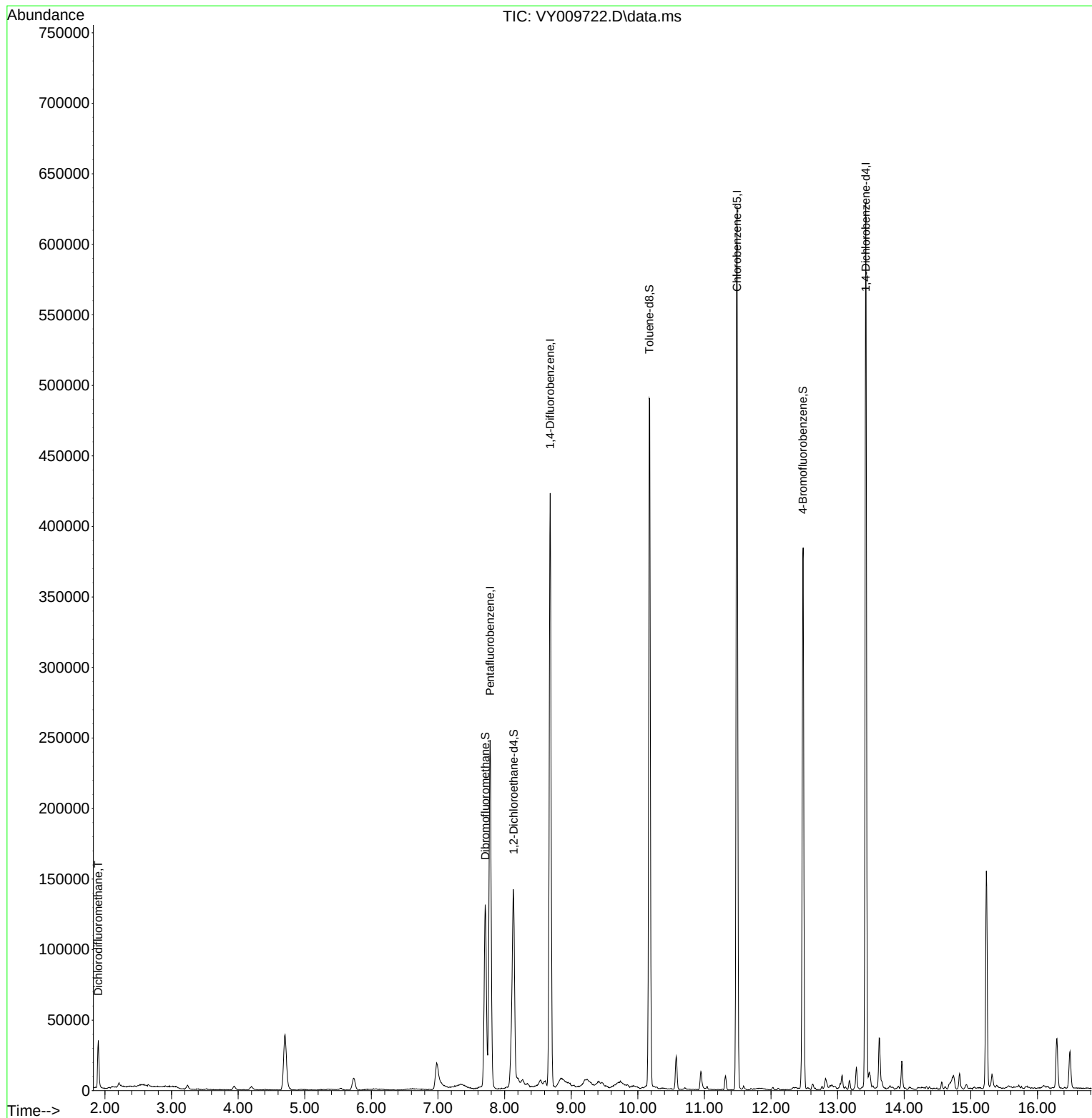
Internal Standards						
1) Pentafluorobenzene	7.783	168	204187	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	368520	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	354256	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	167455	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	92355	70.021	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	140.040%
35) Dibromofluoromethane	7.710	113	89703	44.756	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.520%
50) Toluene-d8	10.173	98	327814	56.731	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	113.460%
62) 4-Bromofluorobenzene	12.477	95	105691	39.769	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	79.540%
Target Compounds						
2) Dichlorodifluoromethane	1.900	85	26558	14.610	ug/l	Qvalue 98

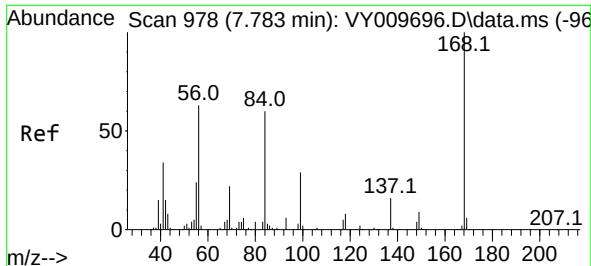
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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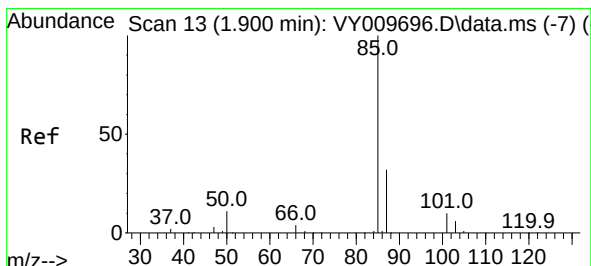
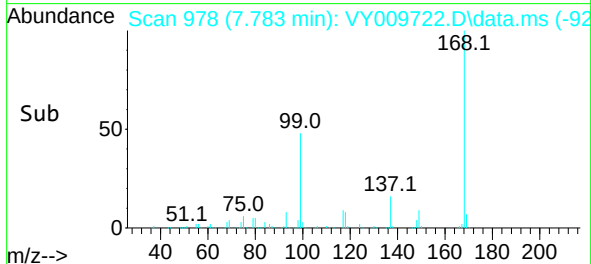
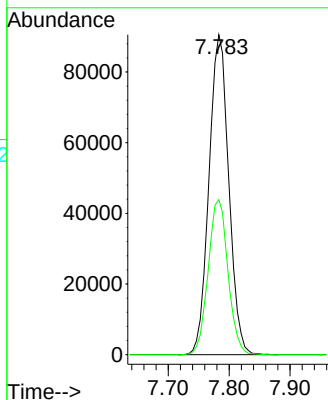
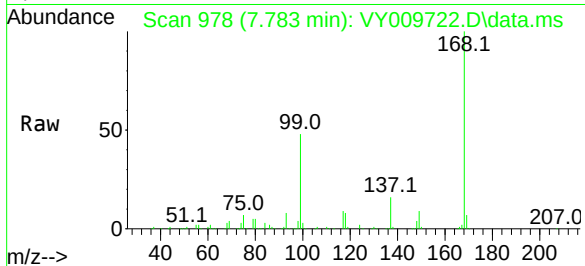




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009722.D
Acq: 27 Jul 2022 14:18

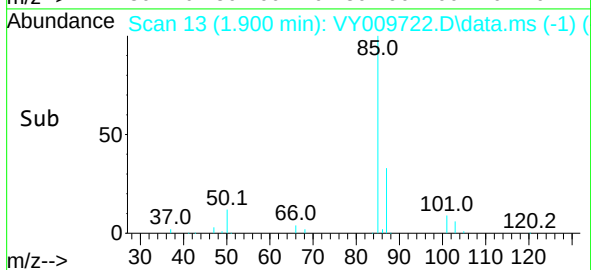
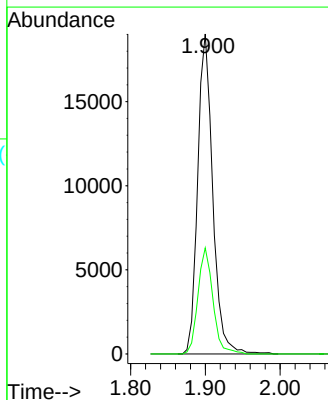
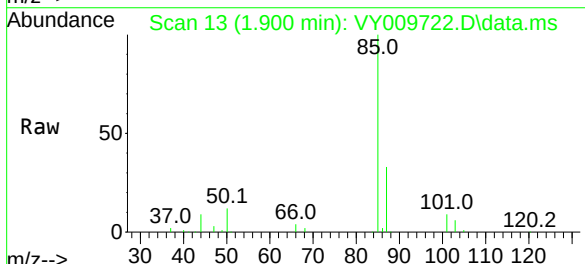
Instrument :
MSVOA_Y
ClientSampleId :
4553-E

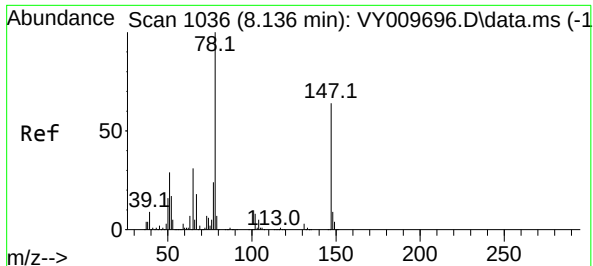
Tgt Ion:168 Resp: 204187
Ion Ratio Lower Upper
168 100
99 48.4 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 14.610 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009722.D
Acq: 27 Jul 2022 14:18

Tgt Ion: 85 Resp: 26558
Ion Ratio Lower Upper
85 100
87 33.1 16.1 48.2





#33

1,2-Dichloroethane-d4

Concen: 70.021 ug/l

RT: 8.137 min Scan# 1103

Delta R.T. 0.001 min

Lab File: VY009722.D

Acq: 27 Jul 2022 14:18

Instrument :

MSVOA_Y

ClientSampleId :

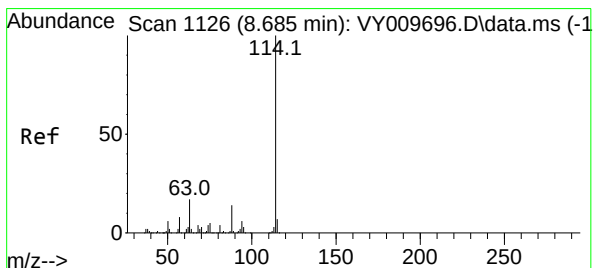
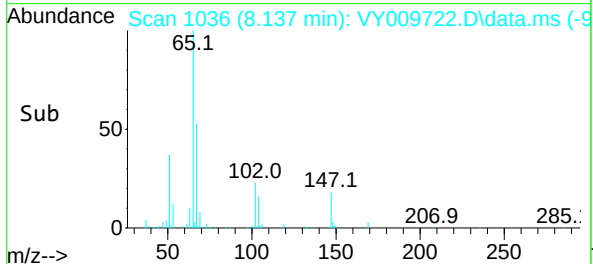
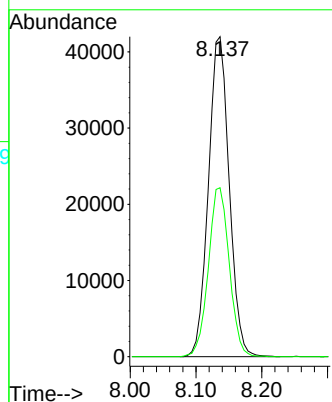
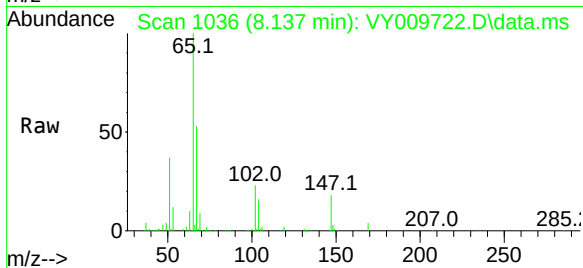
4553-E

Tgt Ion: 65 Resp: 92355

Ion Ratio Lower Upper

65 100

67 53.2 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: VY009722.D

Acq: 27 Jul 2022 14:18

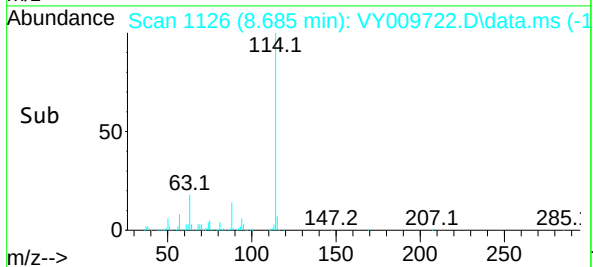
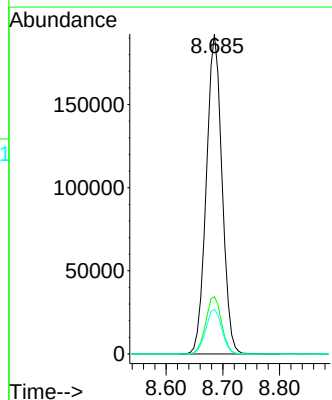
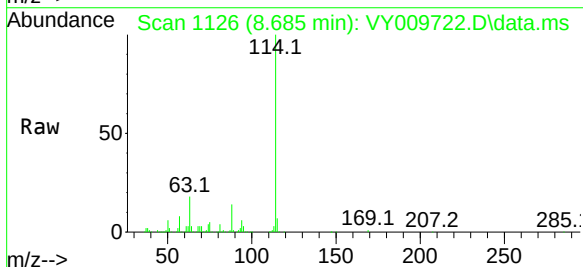
Tgt Ion:114 Resp: 368520

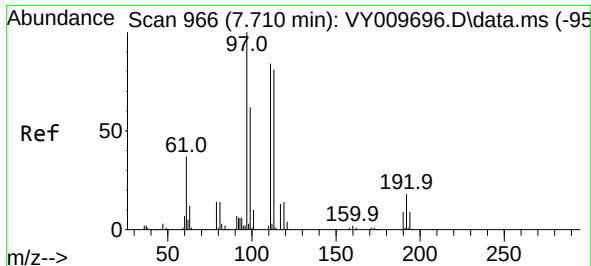
Ion Ratio Lower Upper

114 100

63 17.9 0.0 43.2

88 13.9 0.0 31.8

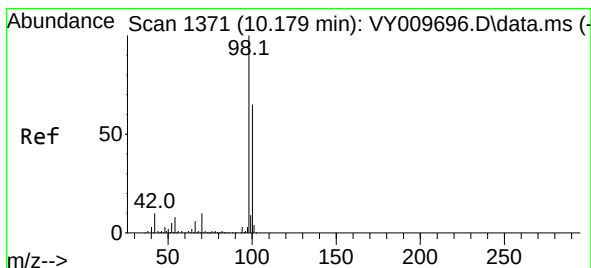
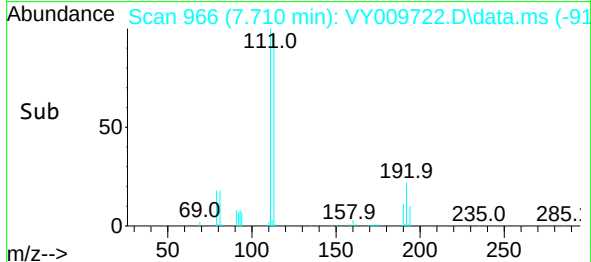
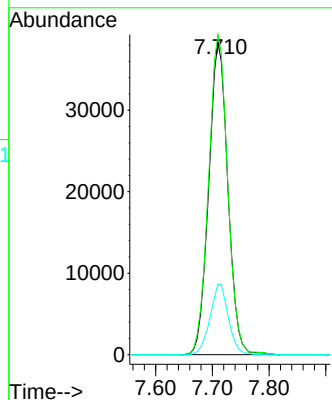
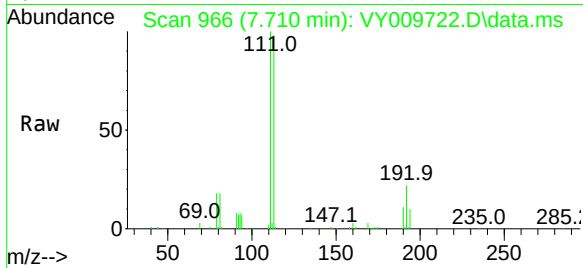




#35
Dibromofluoromethane
Concen: 44.756 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009722.D
Acq: 27 Jul 2022 14:18

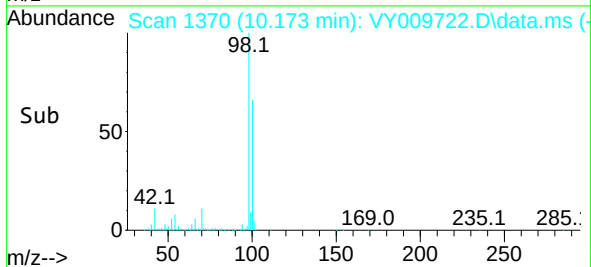
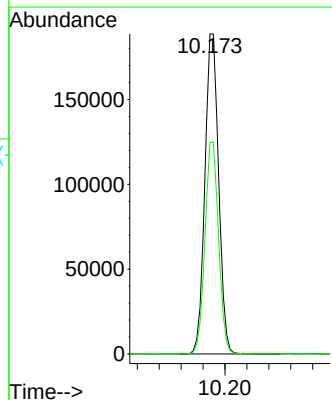
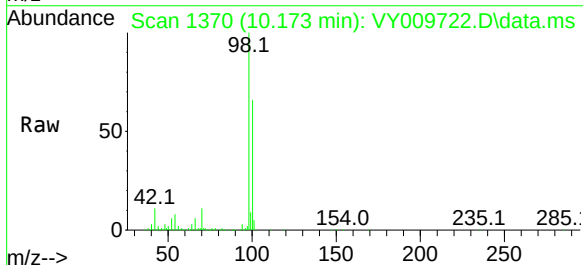
Instrument :
MSVOA_Y
ClientSampleId :
4553-E

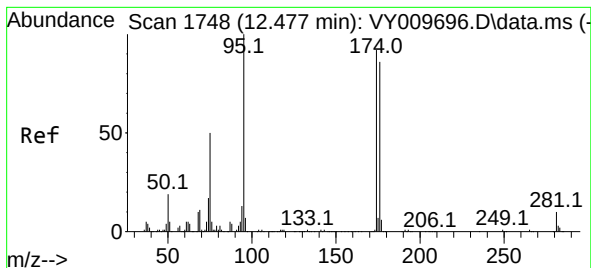
Tgt Ion:113 Resp: 89703
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 21.7 17.6 26.4



#50
Toluene-d8
Concen: 56.731 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY009722.D
Acq: 27 Jul 2022 14:18

Tgt Ion: 98 Resp: 327814
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2

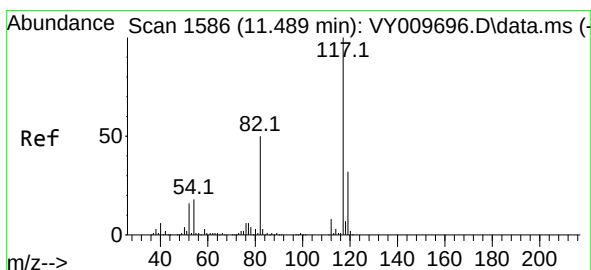
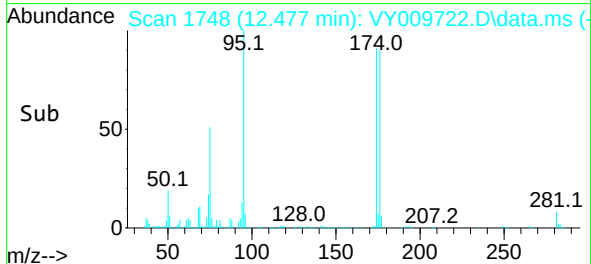
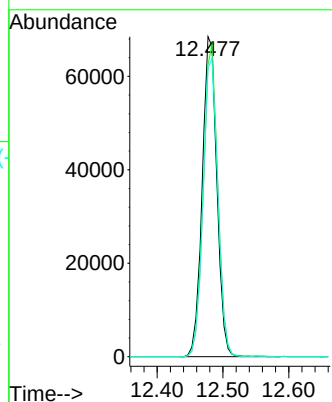
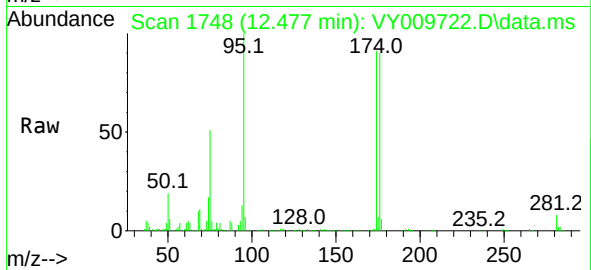




#62
4-Bromofluorobenzene
Concen: 39.769 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009722.D
Acq: 27 Jul 2022 14:18

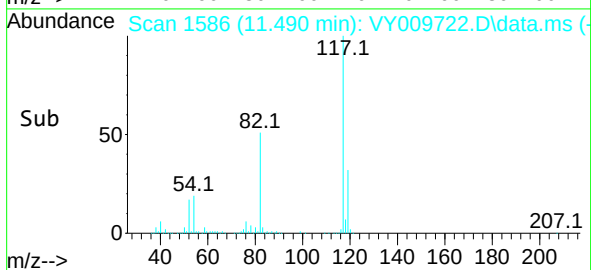
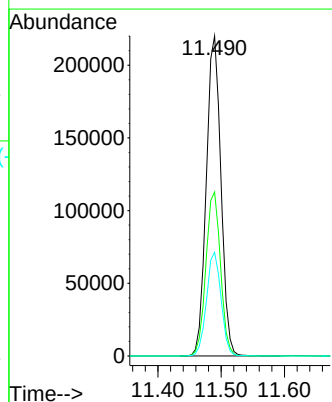
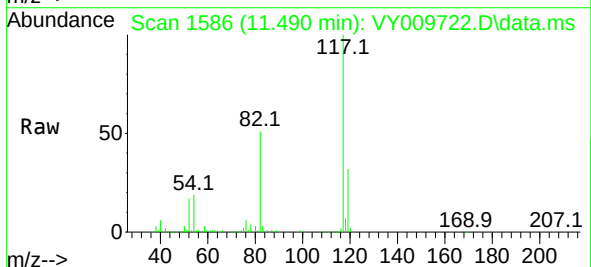
Instrument :
MSVOA_Y
ClientSampleId :
4553-E

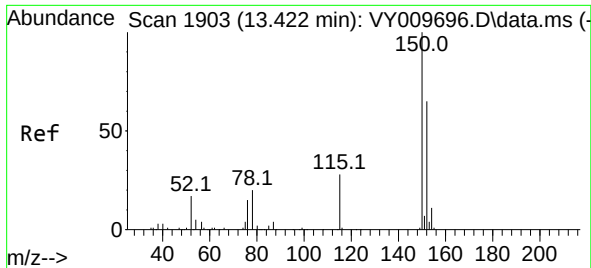
Tgt Ion: 95 Resp: 105691
Ion Ratio Lower Upper
95 100
174 96.4 0.0 177.0
176 94.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY009722.D
Acq: 27 Jul 2022 14:18

Tgt Ion: 117 Resp: 354256
Ion Ratio Lower Upper
117 100
82 51.3 43.0 64.4
119 32.4 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: VY009722.D

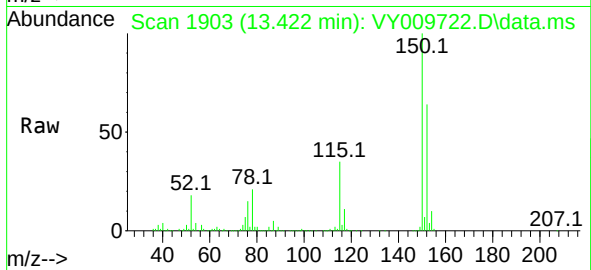
Acq: 27 Jul 2022 14:18

Instrument :

MSVOA_Y

ClientSampleId :

4553-E



Tgt Ion:152 Resp: 167455

Ion Ratio Lower Upper

152 100

115 54.3 28.2 84.7

150 156.9 0.0 347.6

