

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011223\
 Data File : VY012172.D
 Acq On : 12 Jan 2023 12:50
 Operator : KP/MD
 Sample : 01081-03
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 31965

Quant Time: Jan 12 13:36:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

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

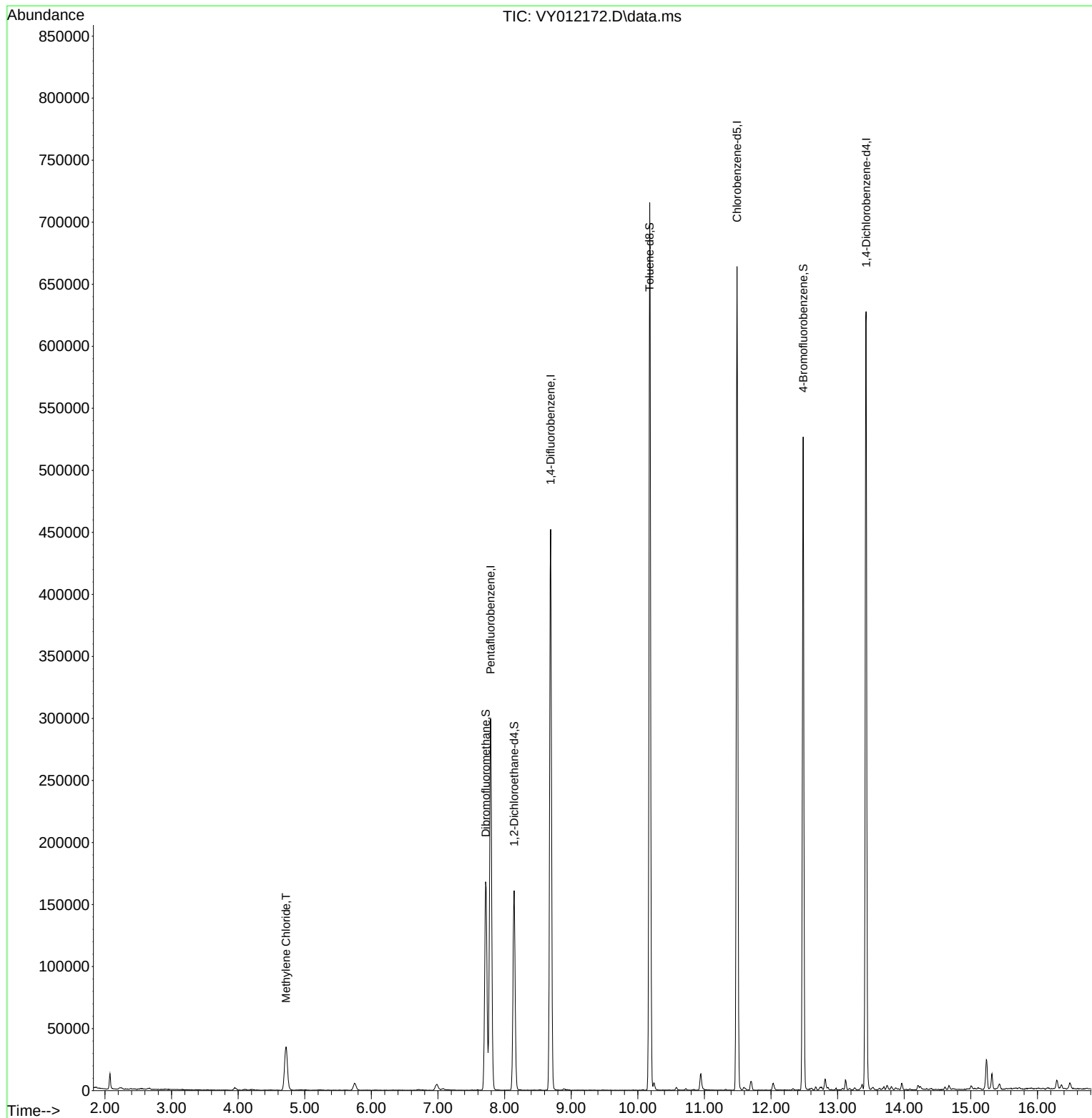
Internal Standards						
1) Pentafluorobenzene	7.789	168	236342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	400489	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	371331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	171493	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	128454	48.370	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.740%
35) Dibromofluoromethane	7.716	113	120395	45.737	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.480%
50) Toluene-d8	10.179	98	472743	45.500	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.000%
62) 4-Bromofluorobenzene	12.483	95	155843	42.911	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.820%
Target Compounds						
20) Methylene Chloride	4.716	84	28958	5.725	ug/l	Qvalue 89

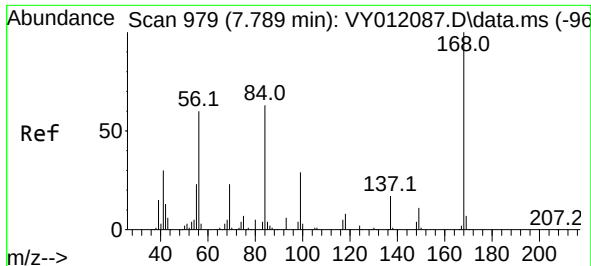
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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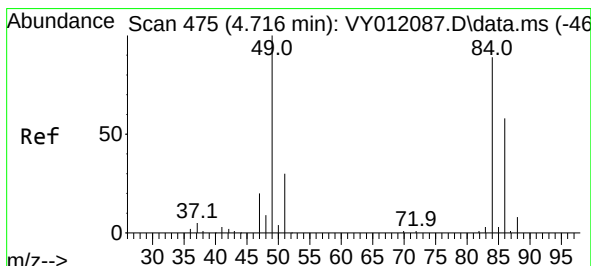
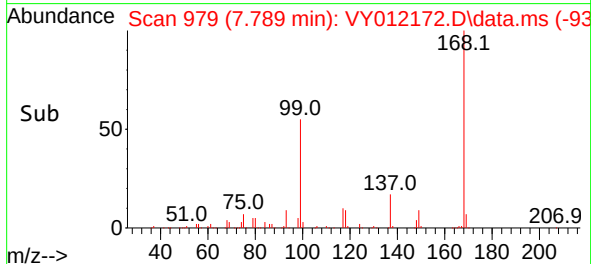
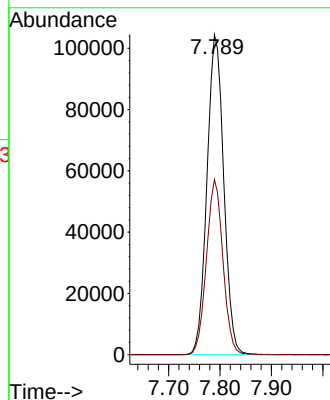
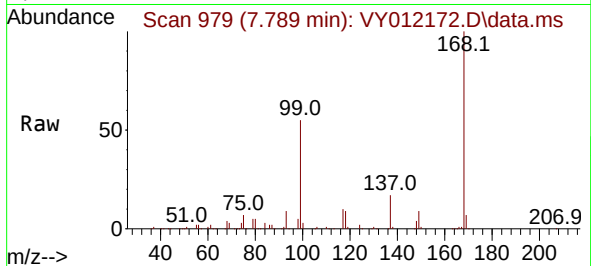




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012172.D
Acq: 12 Jan 2023 12:50

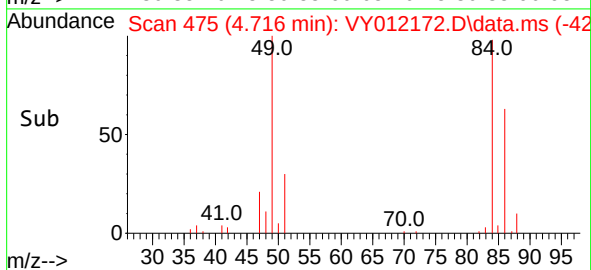
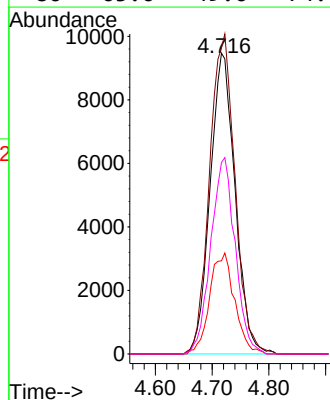
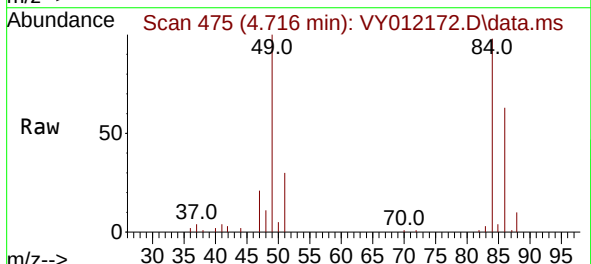
Instrument :
MSVOA_Y
ClientSampleId :
31965

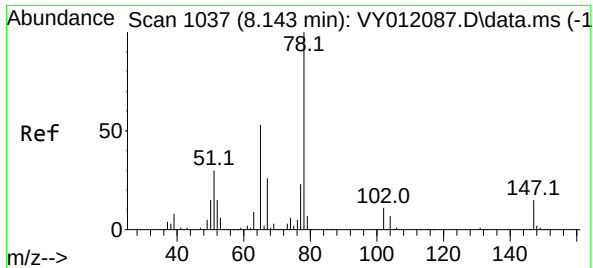
Tgt Ion:168 Resp: 236342
Ion Ratio Lower Upper
168 100
99 54.7 44.0 66.0



#20
Methylene Chloride
Concen: 5.725 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012172.D
Acq: 12 Jan 2023 12:50

Tgt Ion: 84 Resp: 28958
Ion Ratio Lower Upper
84 100
49 101.8 95.4 143.2
51 30.9 29.9 44.9
86 63.6 49.6 74.4





#33

1,2-Dichloroethane-d4

Concen: 48.370 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY012172.D

Acq: 12 Jan 2023 12:50

Instrument :

MSVOA_Y

ClientSampleId :

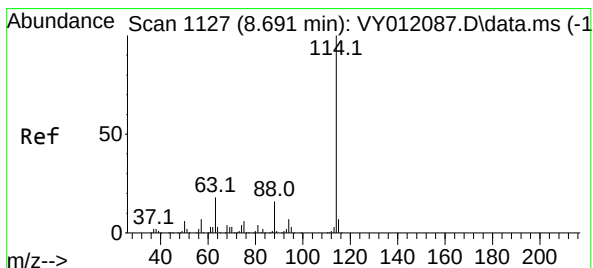
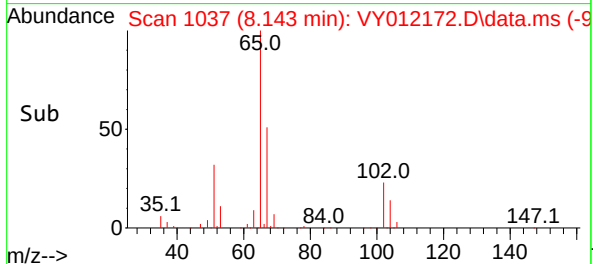
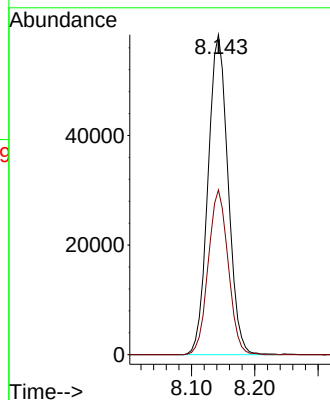
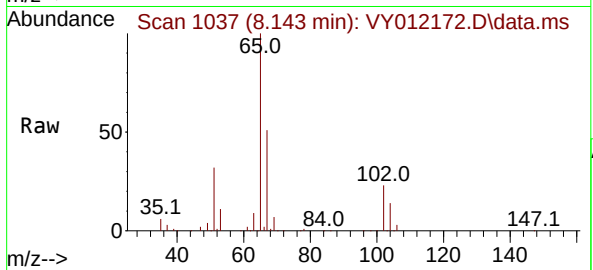
31965

Tgt Ion: 65 Resp: 128454

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012172.D

Acq: 12 Jan 2023 12:50

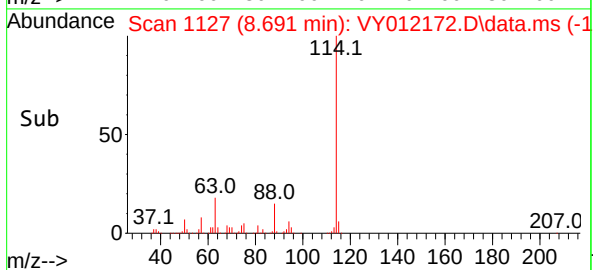
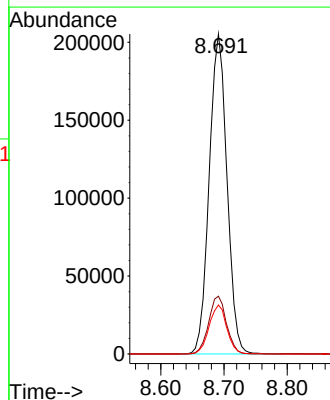
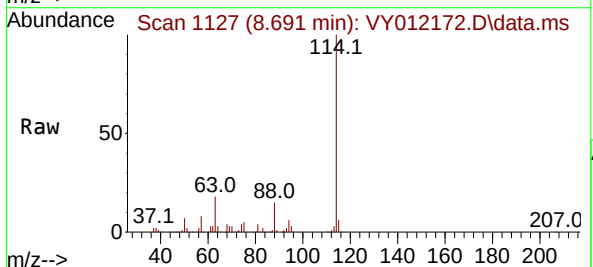
Tgt Ion:114 Resp: 400489

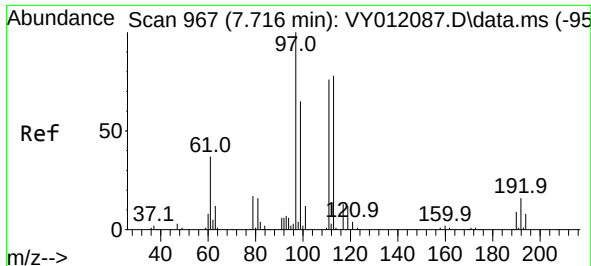
Ion Ratio Lower Upper

114 100

63 18.1 0.0 39.6

88 15.3 0.0 32.2

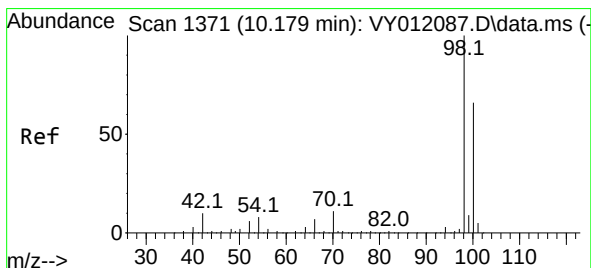
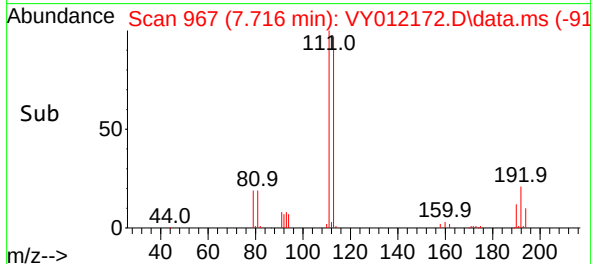
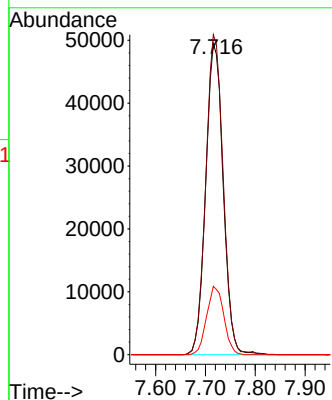
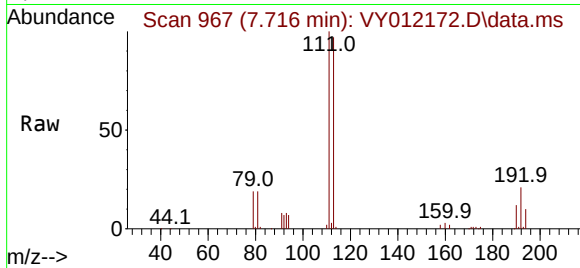




#35
 Dibromofluoromethane
 Concen: 45.737 ug/l
 RT: 7.716 min Scan# 967
 Delta R.T. -0.000 min
 Lab File: VY012172.D
 Acq: 12 Jan 2023 12:50

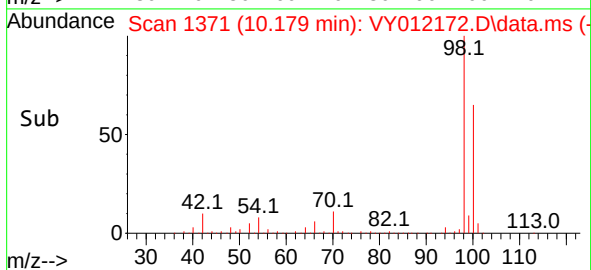
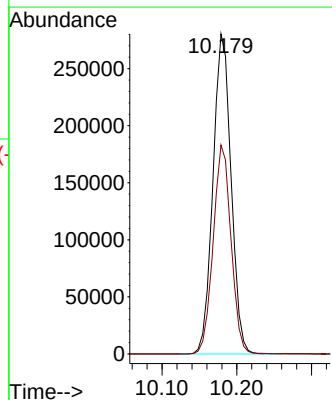
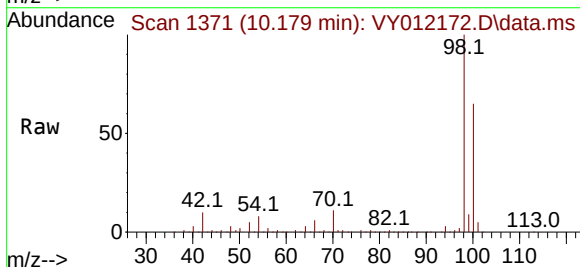
Instrument :
 MSVOA_Y
 ClientSampleId :
 31965

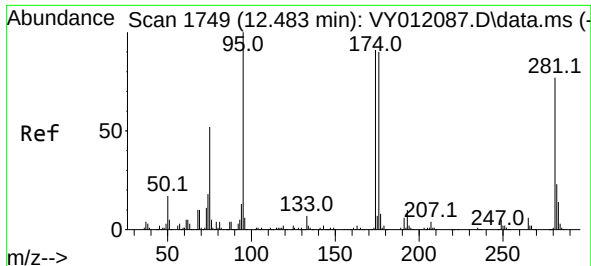
Tgt Ion:113 Resp: 120395
 Ion Ratio Lower Upper
 113 100
 111 102.5 83.0 124.4
 192 21.6 16.0 24.0



#50
 Toluene-d8
 Concen: 45.500 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. -0.000 min
 Lab File: VY012172.D
 Acq: 12 Jan 2023 12:50

Tgt Ion: 98 Resp: 472743
 Ion Ratio Lower Upper
 98 100
 100 64.4 51.9 77.9

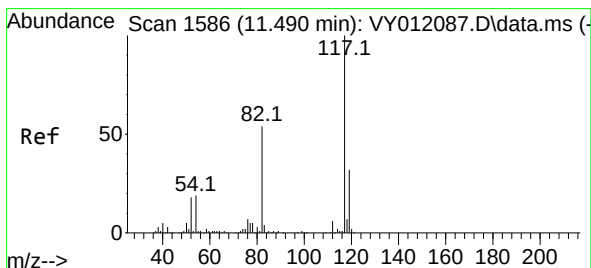
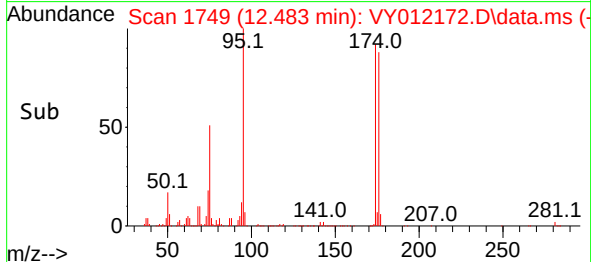
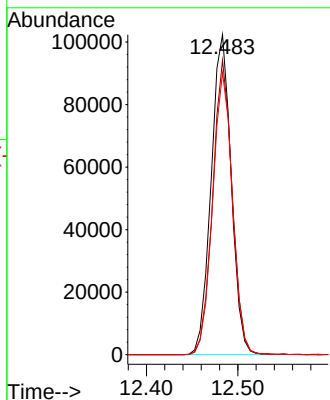
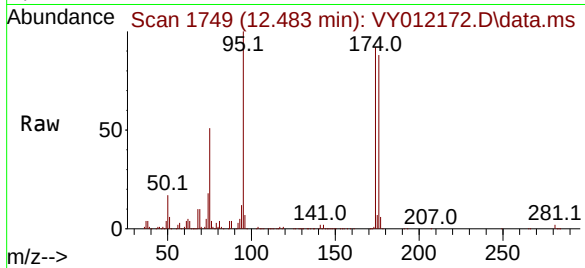




#62
4-Bromofluorobenzene
Concen: 42.911 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012172.D
Acq: 12 Jan 2023 12:50

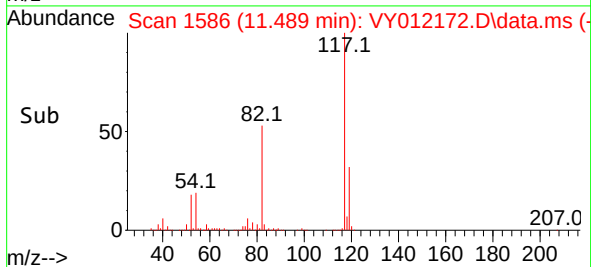
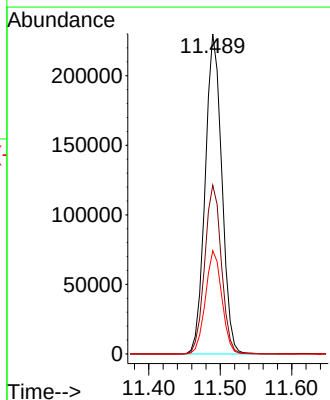
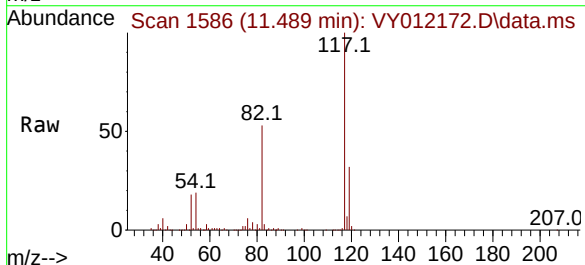
Instrument :
MSVOA_Y
ClientSampleId :
31965

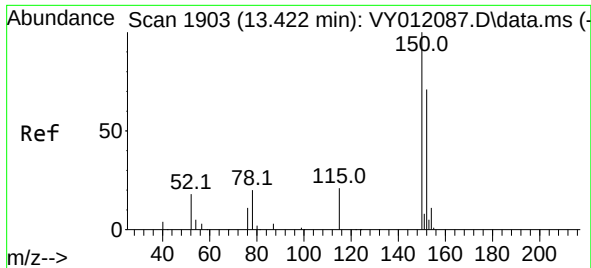
Tgt Ion: 95 Resp: 155843
Ion Ratio Lower Upper
95 100
174 89.8 0.0 172.0
176 87.3 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012172.D
Acq: 12 Jan 2023 12:50

Tgt Ion: 117 Resp: 371331
Ion Ratio Lower Upper
117 100
82 52.7 44.8 67.2
119 32.3 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY012172.D

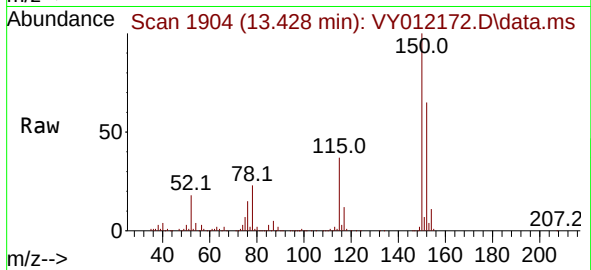
Acq: 12 Jan 2023 12:50

Instrument :

MSVOA_Y

ClientSampleId :

31965



Tgt Ion:152 Resp: 171493

Ion Ratio Lower Upper

152 100

115 57.7 29.1 87.3

150 156.5 0.0 342.6

