

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030122\
 Data File : VY007669.D
 Acq On : 01 Mar 2022 15:43
 Operator : SY/MD
 Sample : N1721-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUM-1

Quant Time: Mar 02 07:51:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

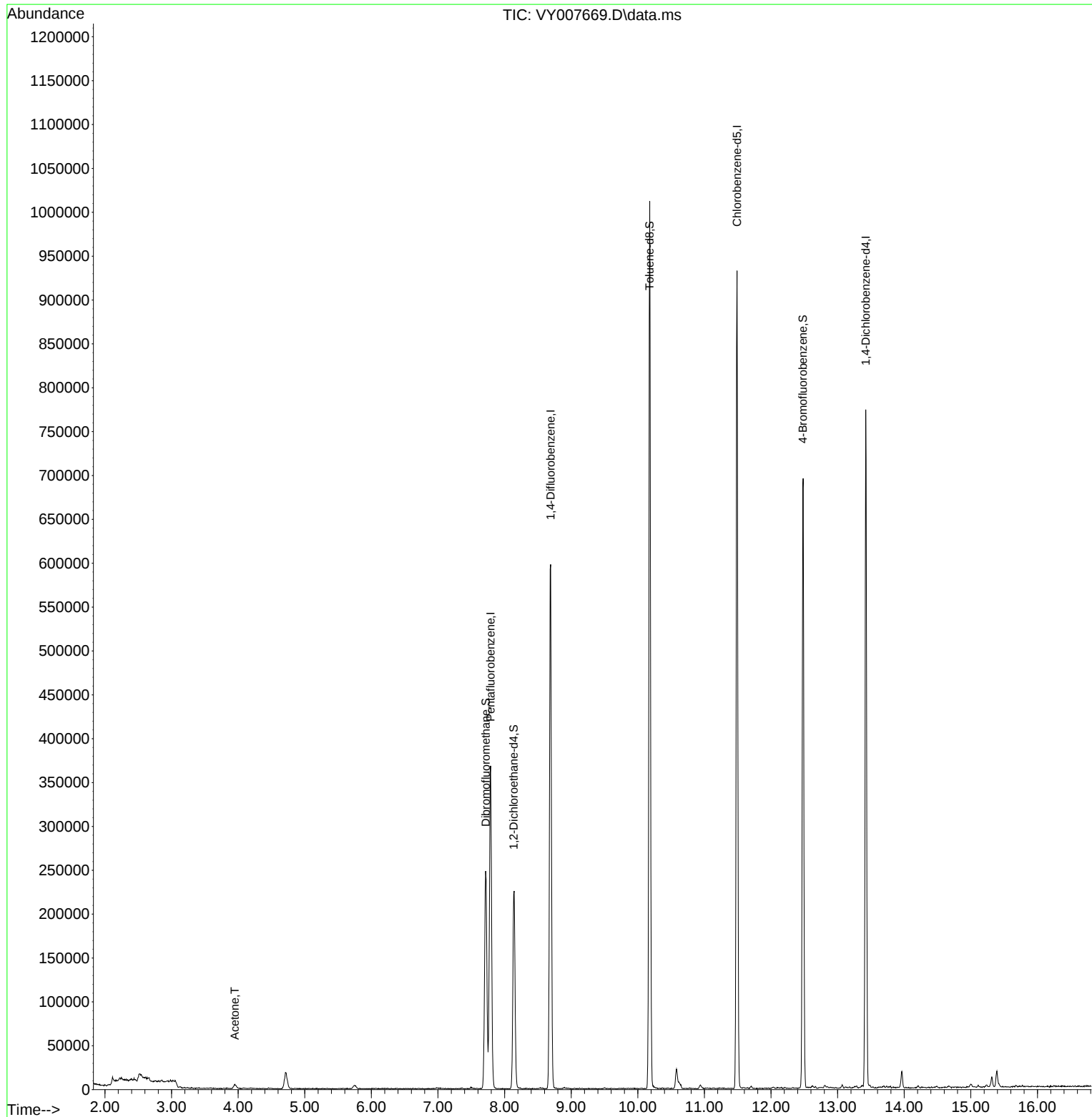
Internal Standards						
1) Pentafluorobenzene	7.789	168	290137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	516762	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	499609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	194844	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	176421	58.082	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.160%
35) Dibromofluoromethane	7.716	113	175547	53.135	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.260%
50) Toluene-d8	10.179	98	646753	53.180	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.360%
62) 4-Bromofluorobenzene	12.477	95	195444	49.856	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.720%
Target Compounds						
16) Acetone	3.948	43	8291	13.418	ug/l	Qvalue 90

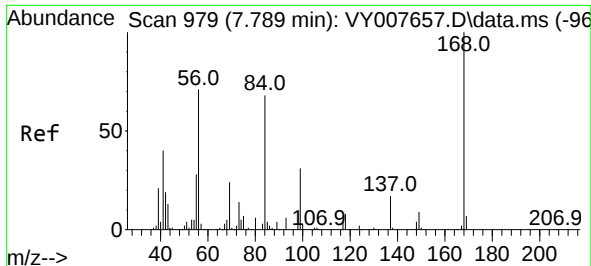
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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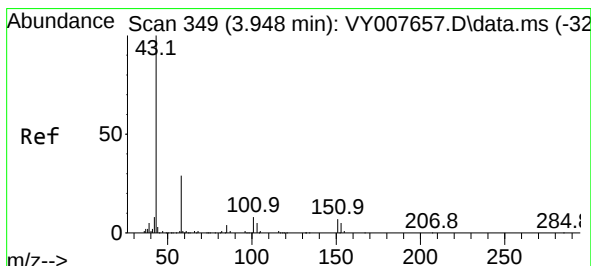
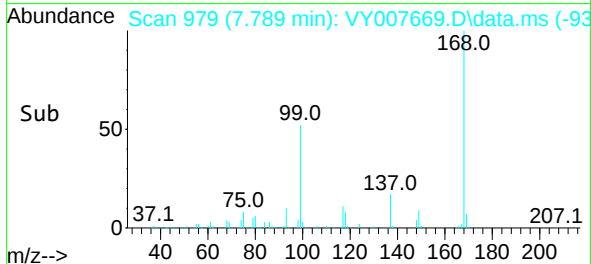
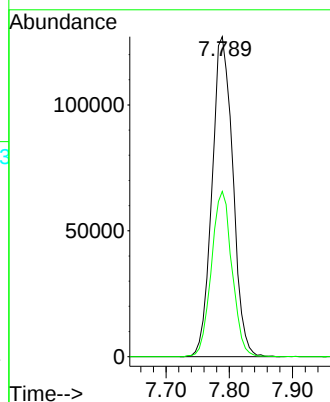
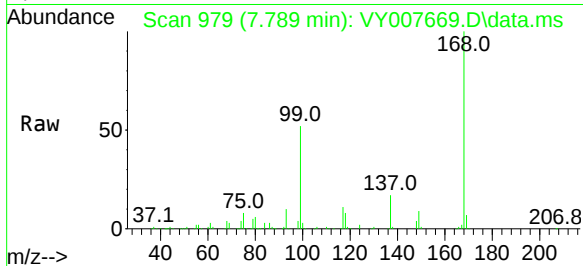




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007669.D
Acq: 01 Mar 2022 15:43

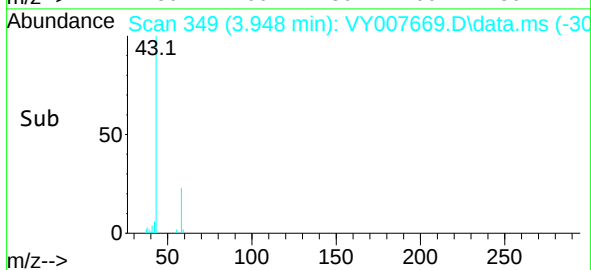
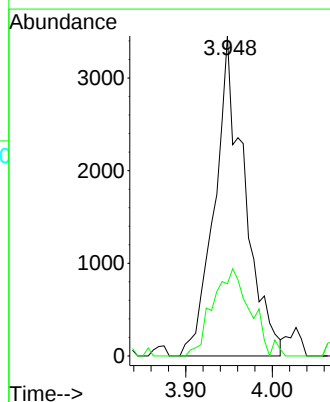
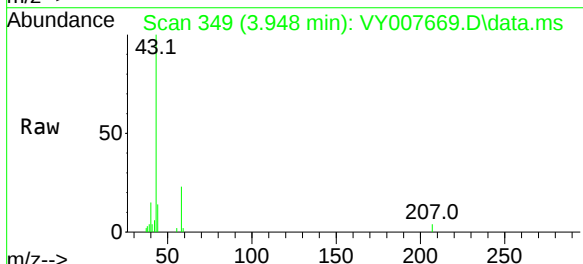
Instrument :
MSVOA_Y
ClientSampleId :
DUM-1

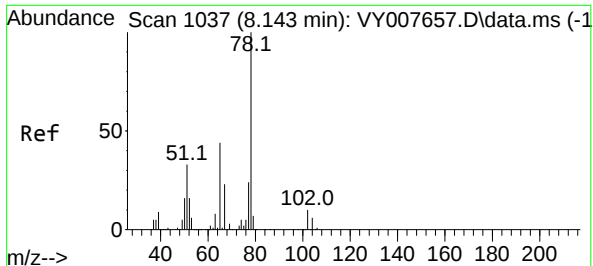
Tgt Ion:168 Resp: 290137
Ion Ratio Lower Upper
168 100
99 51.6 46.9 70.3



#16
Acetone
Concen: 13.418 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007669.D
Acq: 01 Mar 2022 15:43

Tgt Ion: 43 Resp: 8291
Ion Ratio Lower Upper
43 100
58 22.5 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 58.082 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. -0.007 min

Lab File: VY007669.D

Acq: 01 Mar 2022 15:43

Instrument :

MSVOA_Y

ClientSampleId :

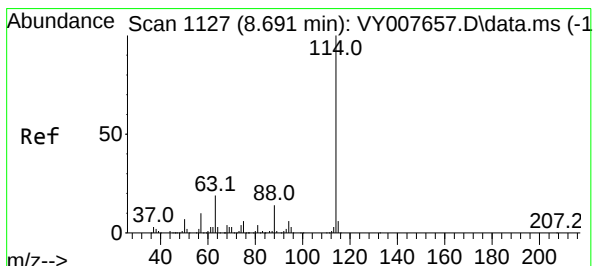
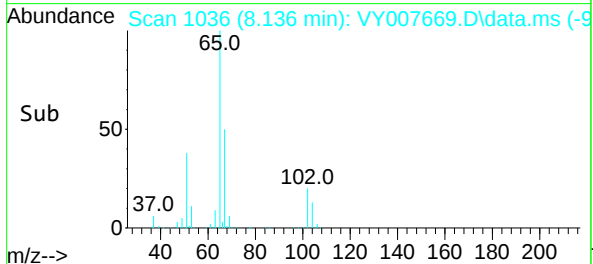
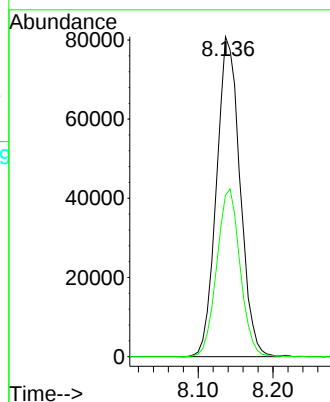
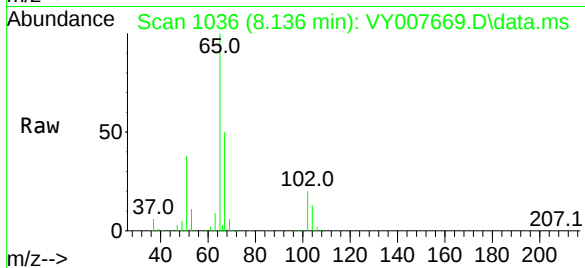
DUM-1

Tgt Ion: 65 Resp: 176421

Ion Ratio Lower Upper

65 100

67 52.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007669.D

Acq: 01 Mar 2022 15:43

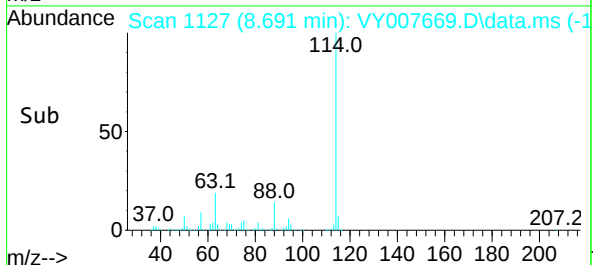
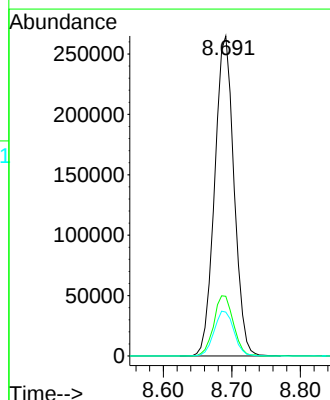
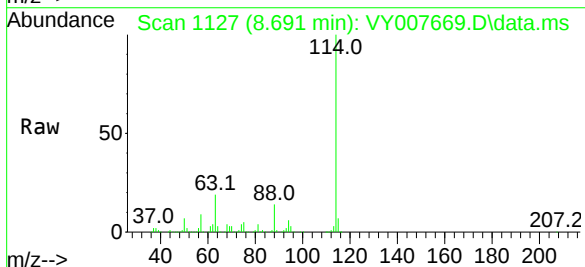
Tgt Ion: 114 Resp: 516762

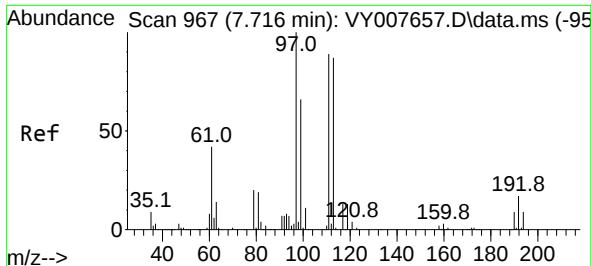
Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 13.7 0.0 31.8

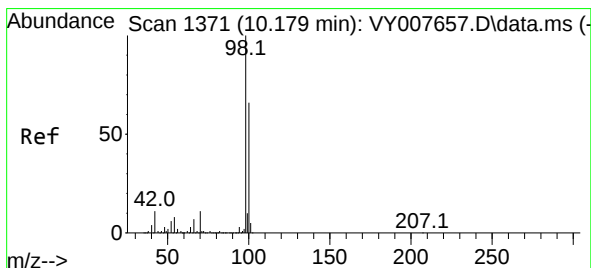
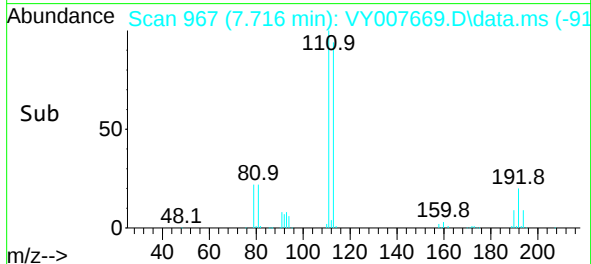
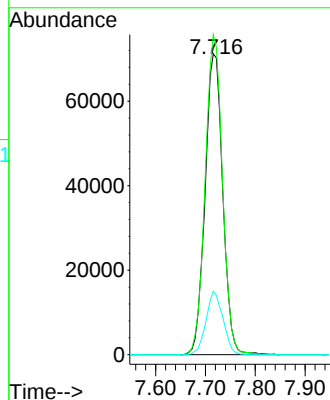
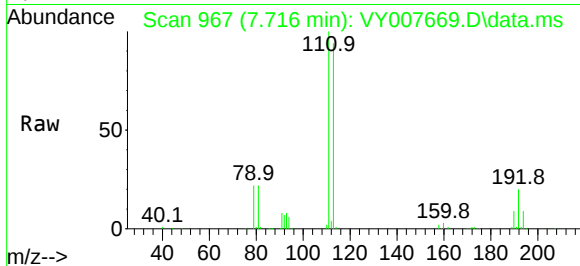




#35
Dibromofluoromethane
Concen: 53.135 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007669.D
Acq: 01 Mar 2022 15:43

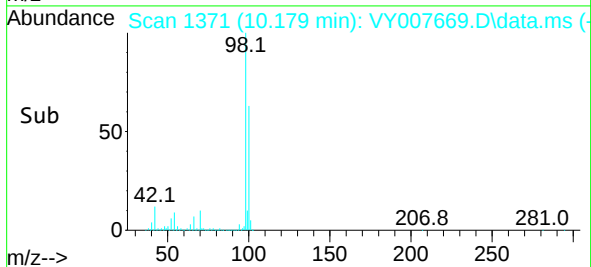
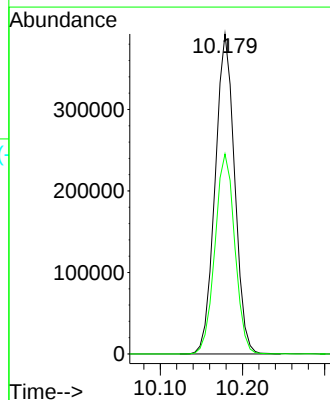
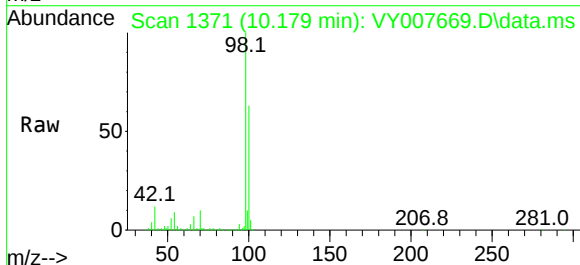
Instrument :
MSVOA_Y
ClientSampleId :
DUM-1

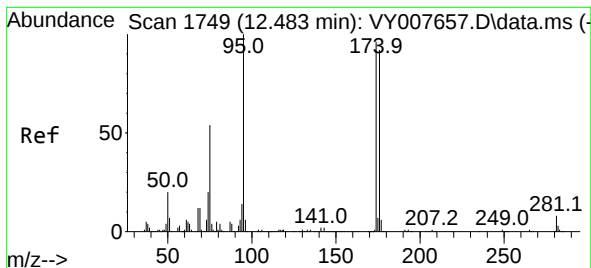
Tgt Ion:113 Resp: 175547
Ion Ratio Lower Upper
113 100
111 103.8 82.6 124.0
192 20.2 17.6 26.4



#50
Toluene-d8
Concen: 53.180 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007669.D
Acq: 01 Mar 2022 15:43

Tgt Ion: 98 Resp: 646753
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2

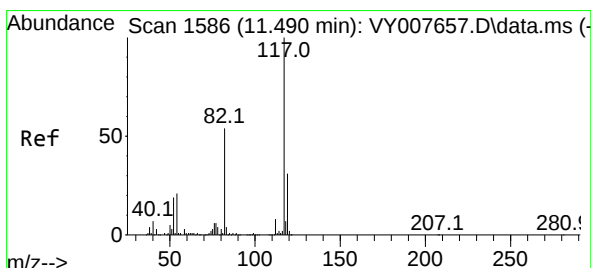
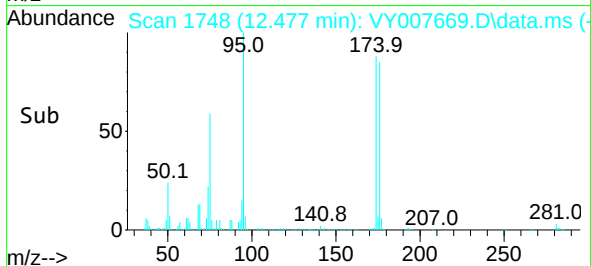
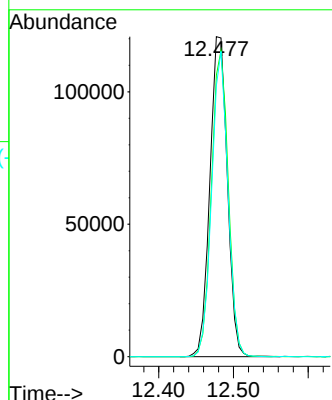
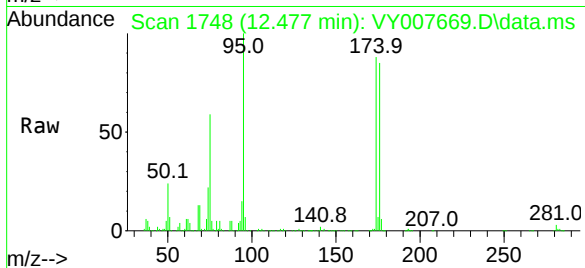




#62
4-Bromofluorobenzene
Concen: 49.856 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007669.D
Acq: 01 Mar 2022 15:43

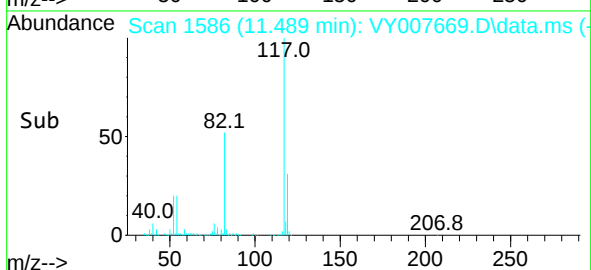
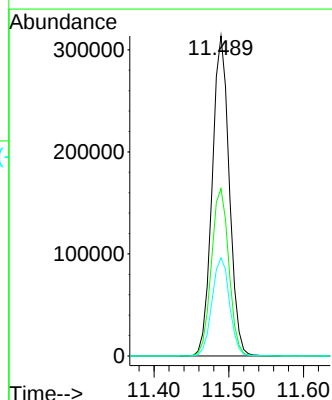
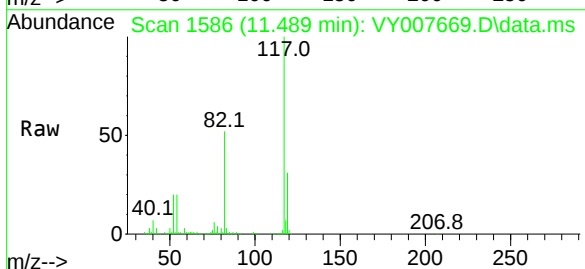
Instrument :
MSVOA_Y
ClientSampleId :
DUM-1

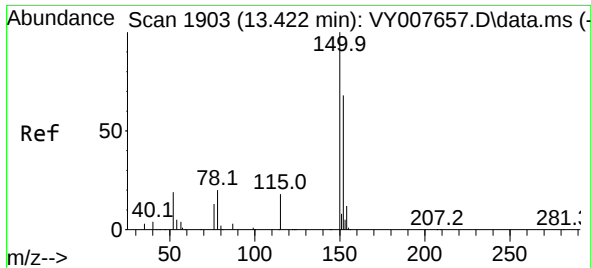
Tgt Ion: 95 Resp: 195444
Ion Ratio Lower Upper
95 100
174 92.6 0.0 177.0
176 89.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY007669.D
Acq: 01 Mar 2022 15:43

Tgt Ion: 117 Resp: 499609
Ion Ratio Lower Upper
117 100
82 52.3 43.0 64.4
119 30.7 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: VY007669.D
 Acq: 01 Mar 2022 15:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUM-1

Tgt Ion:152 Resp: 194844
 Ion Ratio Lower Upper
 152 100
 115 55.9 28.2 84.7
 150 157.5 0.0 347.6

