

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030723\
 Data File : VY012857.D
 Acq On : 07 Mar 2023 20:02
 Operator : KP/MD
 Sample : 01814-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-206RE

Quant Time: Mar 07 23:45:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	9947	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	14473	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	12739	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4947	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	5773	58.454	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.900%
35) Dibromofluoromethane	7.722	113	5793	66.324	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	132.640%
50) Toluene-d8	10.179	98	17101	53.555	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.120%
62) 4-Bromofluorobenzene	12.483	95	4064	37.708	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.420%

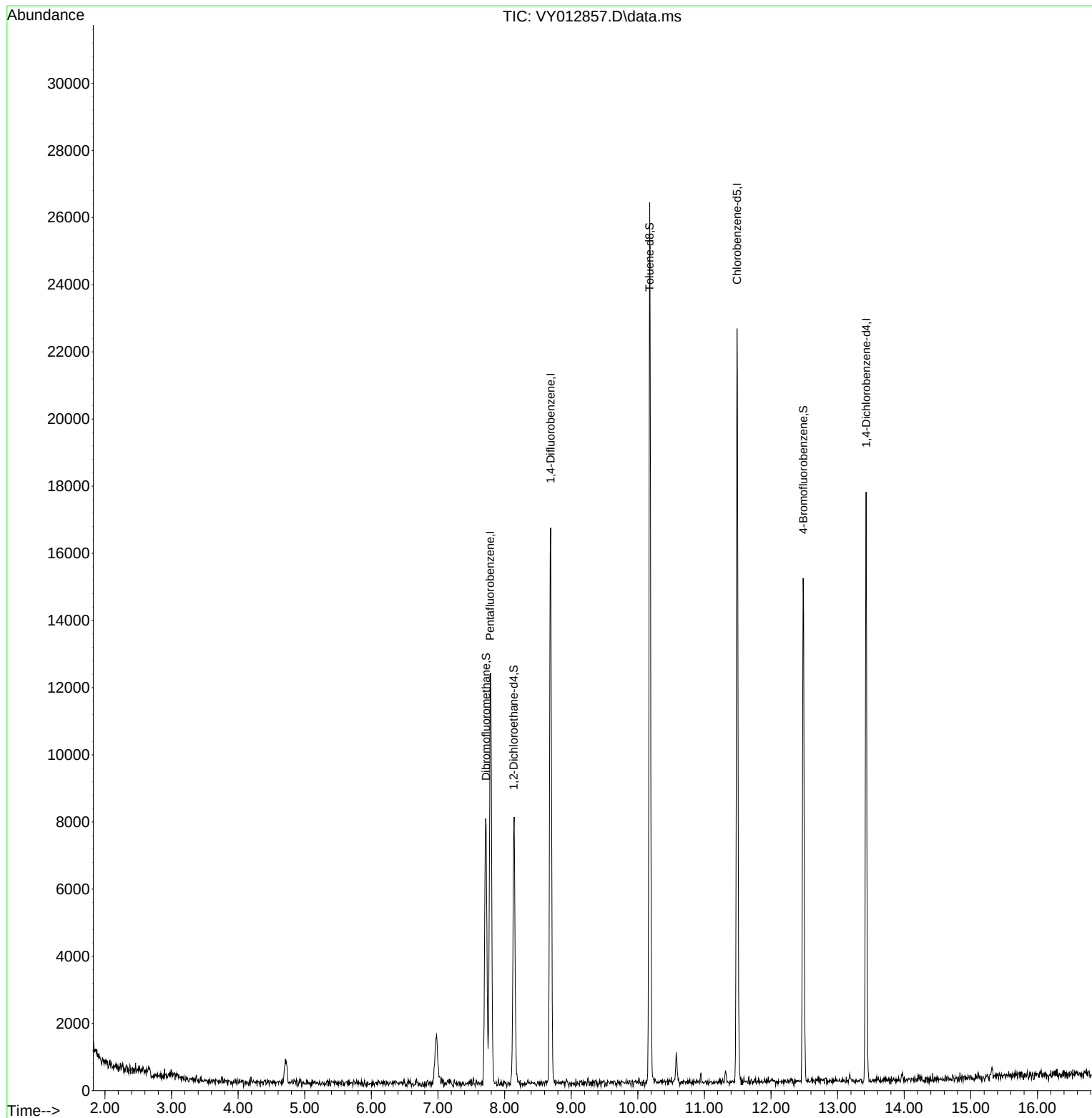
Target Compounds	Qvalue

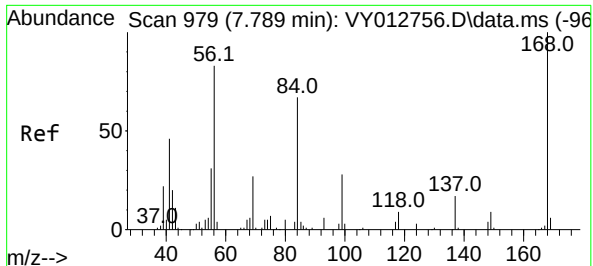
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030723\
Data File : VY012857.D
Acq On : 07 Mar 2023 20:02
Operator : KP/MD
Sample : 01814-01RE
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-206RE

Quant Time: Mar 07 23:45:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration

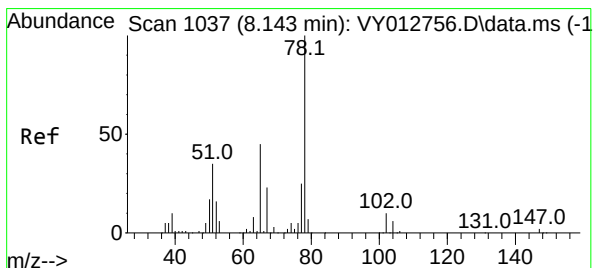
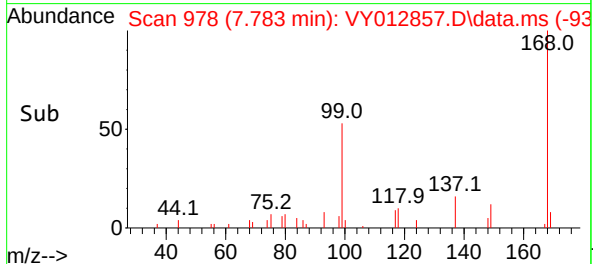
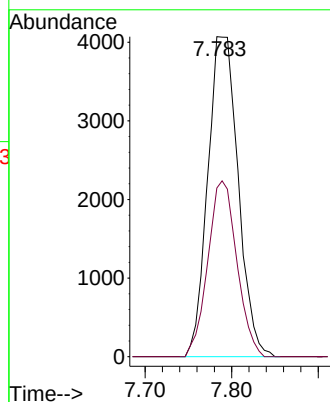
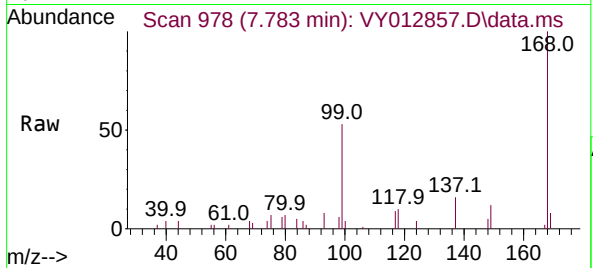




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012857.D
Acq: 07 Mar 2023 20:02

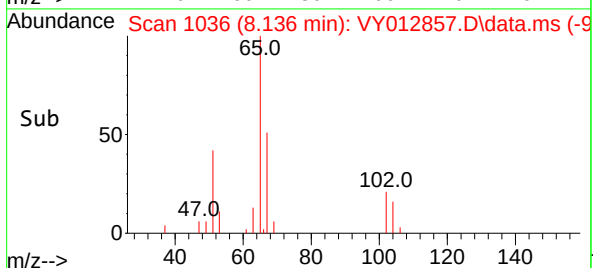
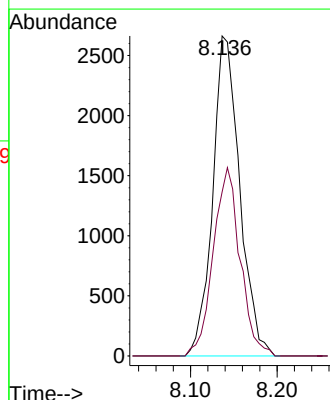
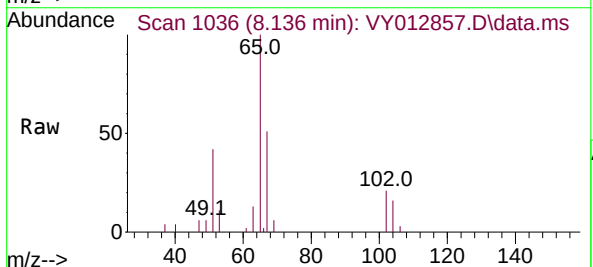
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-206RE

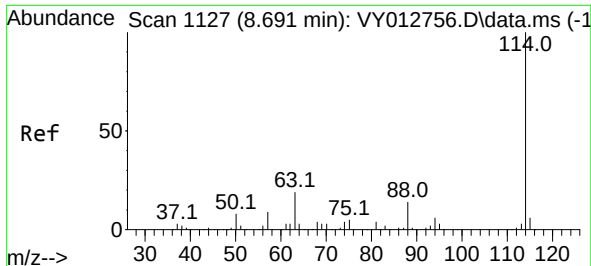
Tgt Ion:168 Resp: 9947
Ion Ratio Lower Upper
168 100
99 52.7 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 58.454 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY012857.D
Acq: 07 Mar 2023 20:02

Tgt Ion: 65 Resp: 5773
Ion Ratio Lower Upper
65 100
67 58.5 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012857.D

Acq: 07 Mar 2023 20:02

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-206RE

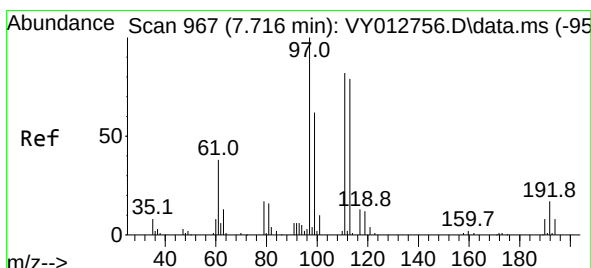
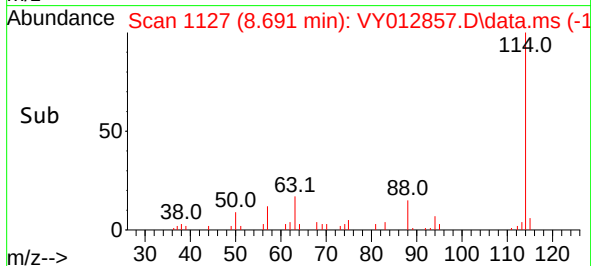
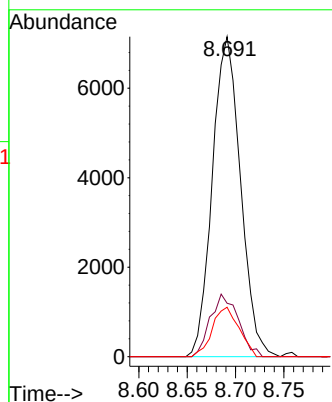
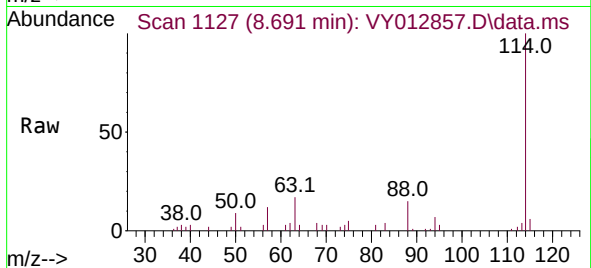
Tgt Ion:114 Resp: 14473

Ion Ratio Lower Upper

114 100

63 16.7 0.0 37.4

88 15.4 0.0 28.6



#35

Dibromofluoromethane

Concen: 66.324 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY012857.D

Acq: 07 Mar 2023 20:02

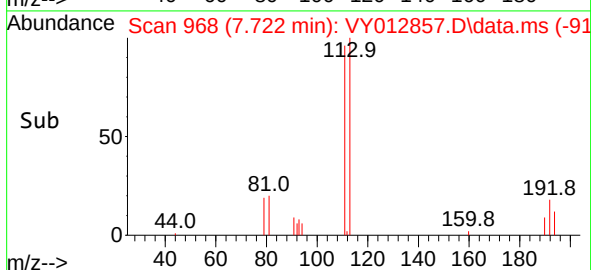
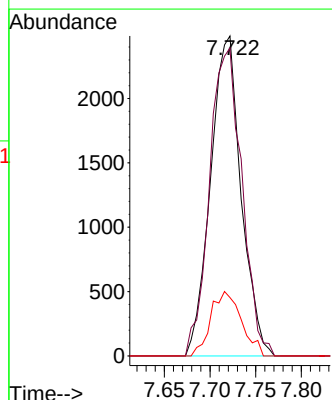
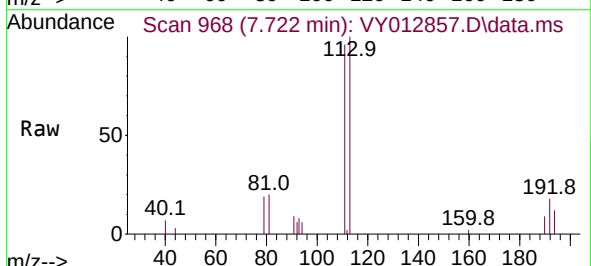
Tgt Ion:113 Resp: 5793

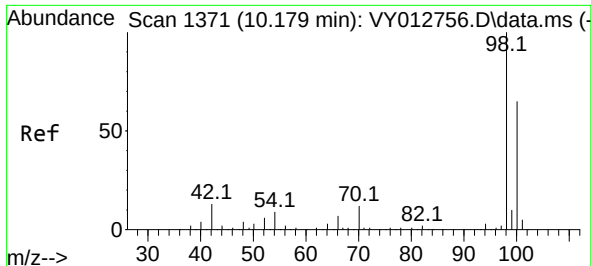
Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.2

192 20.1 16.8 25.2

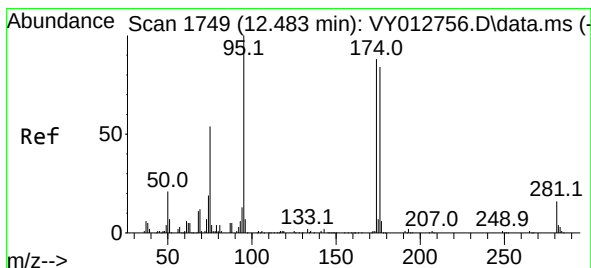
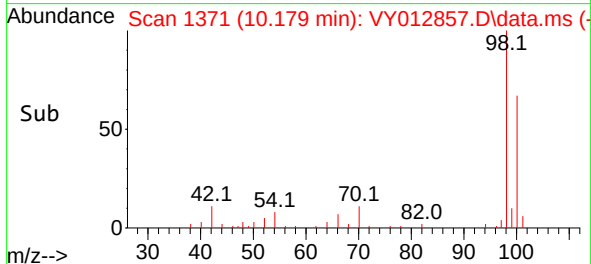
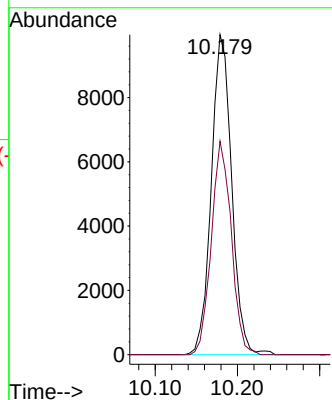
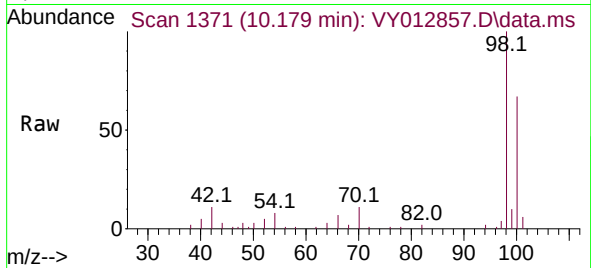




#50
Toluene-d8
Concen: 53.555 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012857.D
Acq: 07 Mar 2023 20:02

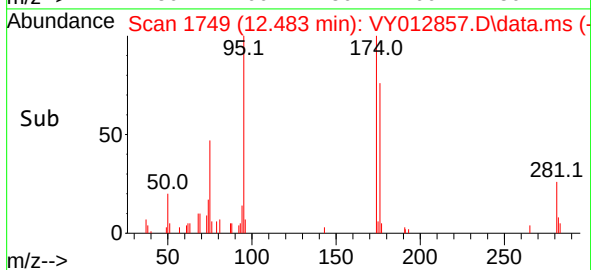
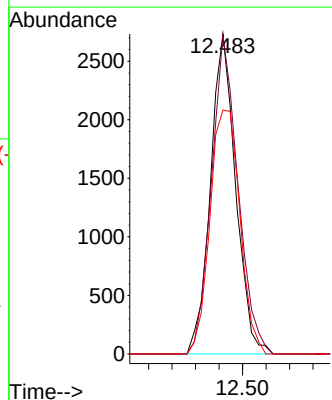
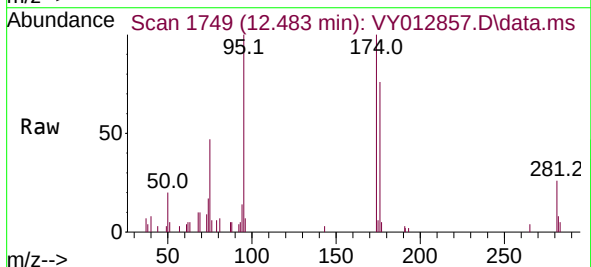
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-206RE

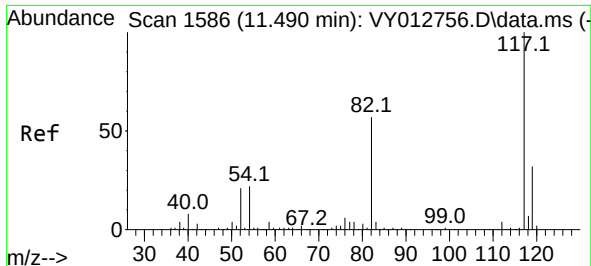
Tgt Ion: 98 Resp: 17101
Ion Ratio Lower Upper
98 100
100 65.4 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 37.708 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012857.D
Acq: 07 Mar 2023 20:02

Tgt Ion: 95 Resp: 4064
Ion Ratio Lower Upper
95 100
174 104.7 0.0 176.6
176 90.5 0.0 170.2

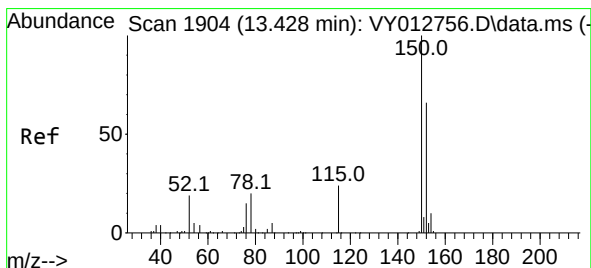
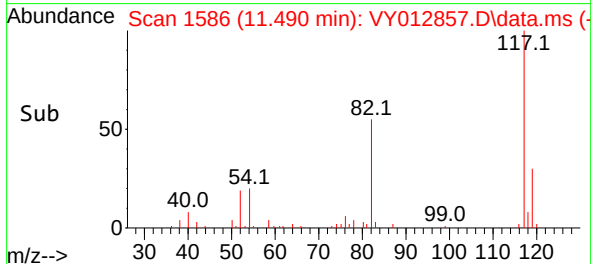
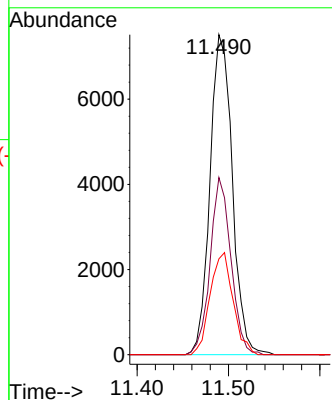
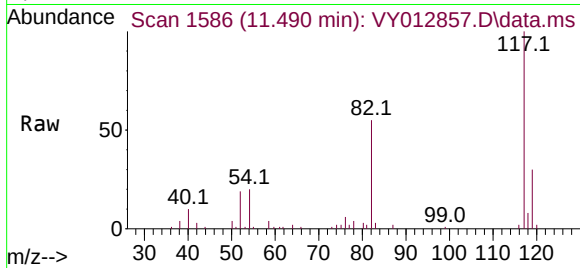




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY012857.D
Acq: 07 Mar 2023 20:02

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-206RE

Tgt Ion:117	Resp:	12739
Ion	Ratio	Lower Upper
117	100	
82	55.4	45.4 68.0
119	30.0	25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012857.D
Acq: 07 Mar 2023 20:02

Tgt Ion:152	Resp:	4947
Ion	Ratio	Lower Upper
152	100	
115	52.8	27.1 81.3
150	143.5	0.0 347.8

