

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081122\
 Data File : VY009964.D
 Acq On : 11 Aug 2022 15:21
 Operator : KP/MD
 Sample : N4122-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-200051

Quant Time: Aug 12 02:49:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 17:37:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	66713	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	138049	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	147414	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	60422	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	30415	59.718	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.440%
35) Dibromofluoromethane	7.710	113	26950	33.930	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	67.860%
50) Toluene-d8	10.173	98	104066	44.131	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.260%
62) 4-Bromofluorobenzene	12.483	95	39347	35.236	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	70.480%

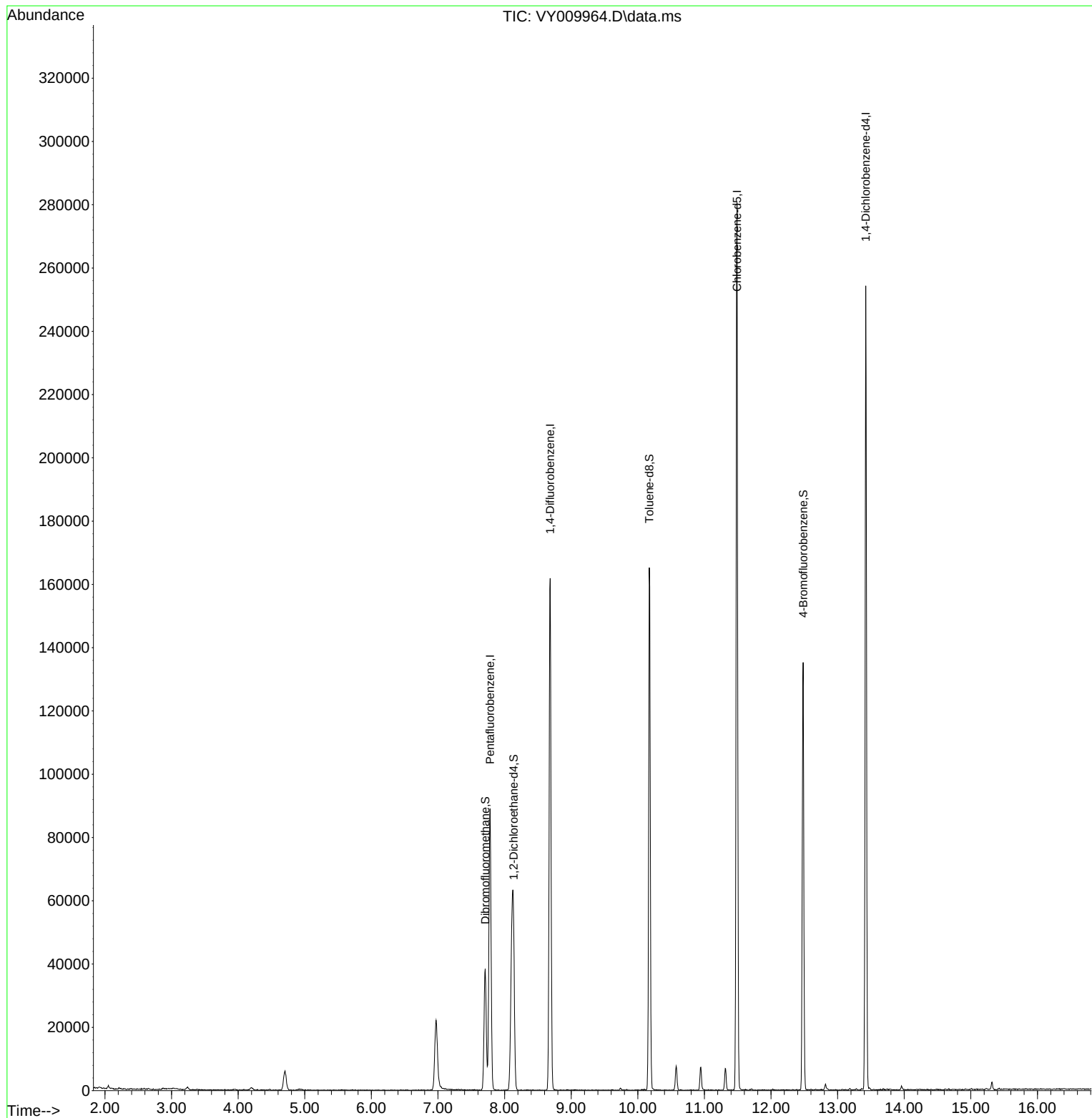
Target Compounds	Qvalue

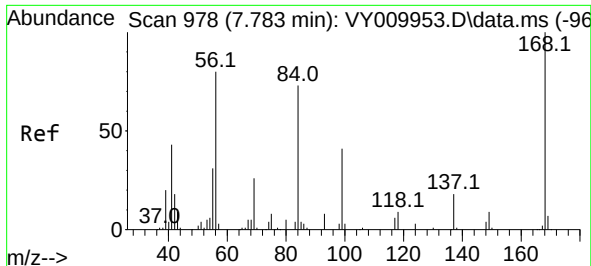
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081122\
Data File : VY009964.D
Acq On : 11 Aug 2022 15:21
Operator : KP/MD
Sample : N4122-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RBR-200051

Quant Time: Aug 12 02:49:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081022S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 10 17:37:28 2022
Response via : Initial Calibration

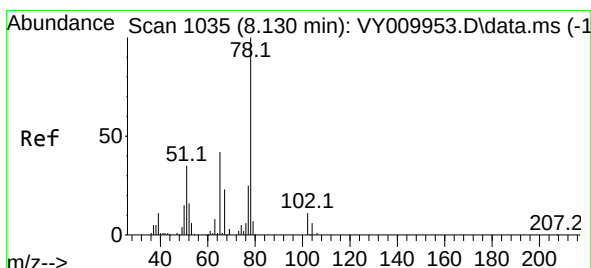
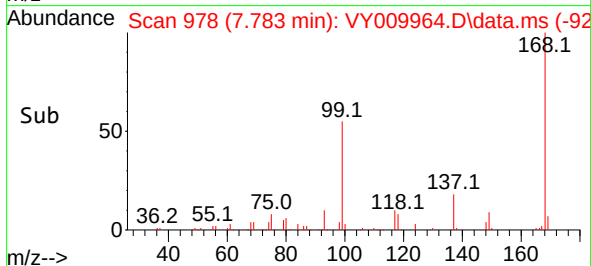
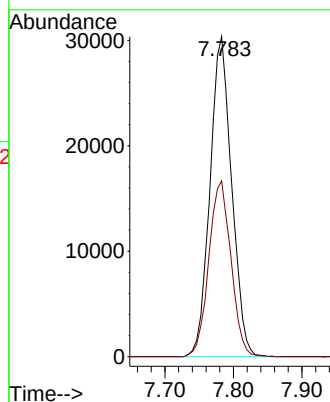
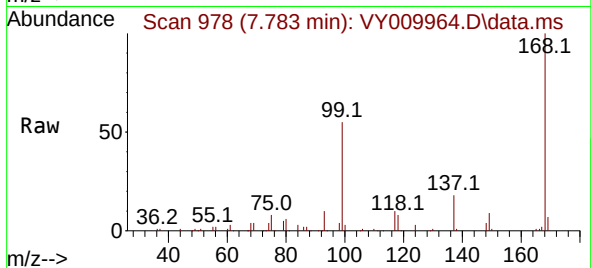




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009964.D
Acq: 11 Aug 2022 15:21

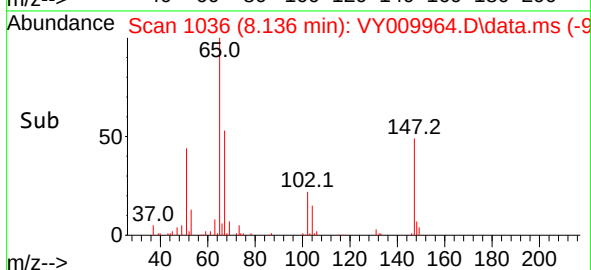
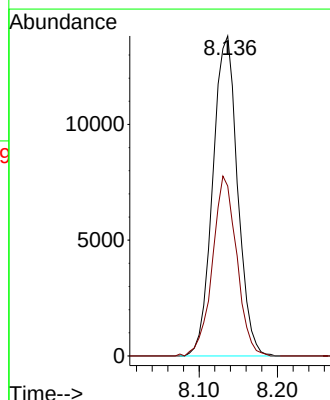
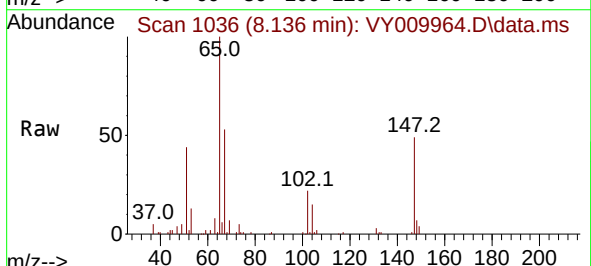
Instrument :
MSVOA_Y
ClientSampleId :
RBR-200051

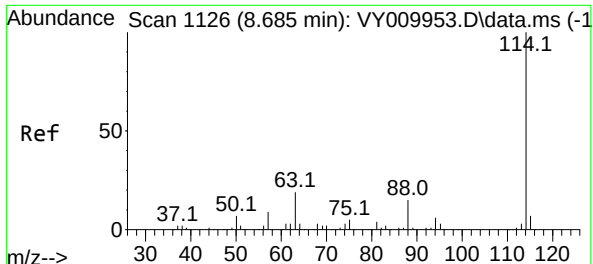
Tgt Ion:168 Resp: 66713
Ion Ratio Lower Upper
168 100
99 55.0 42.1 63.1



#33
1,2-Dichloroethane-d4
Concen: 59.718 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY009964.D
Acq: 11 Aug 2022 15:21

Tgt Ion: 65 Resp: 30415
Ion Ratio Lower Upper
65 100
67 55.1 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009964.D

Acq: 11 Aug 2022 15:21

Instrument :

MSVOA_Y

ClientSampleId :

RBR-200051

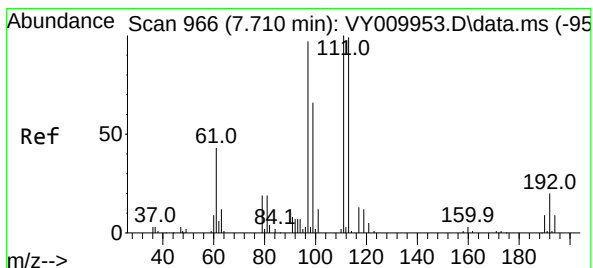
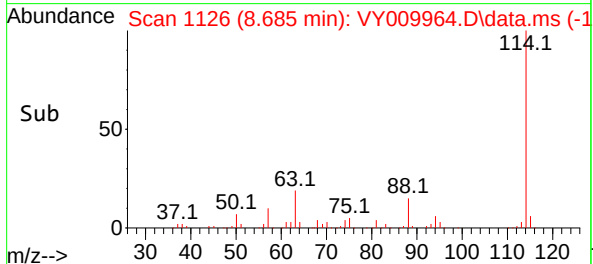
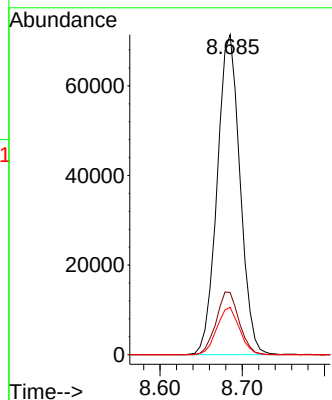
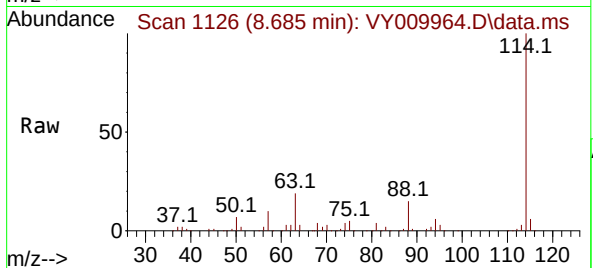
Tgt Ion:114 Resp: 138049

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.0

88 14.8 0.0 30.0



#35

Dibromofluoromethane

Concen: 33.930 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009964.D

Acq: 11 Aug 2022 15:21

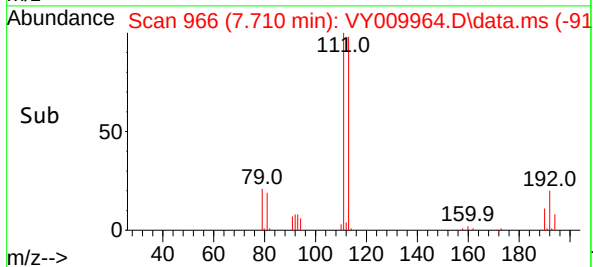
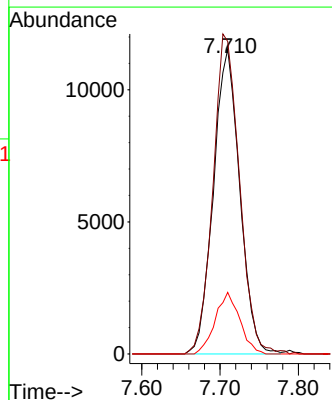
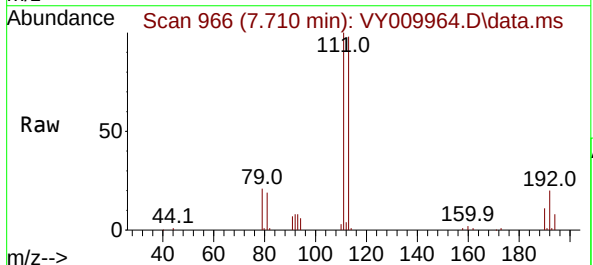
Tgt Ion:113 Resp: 26950

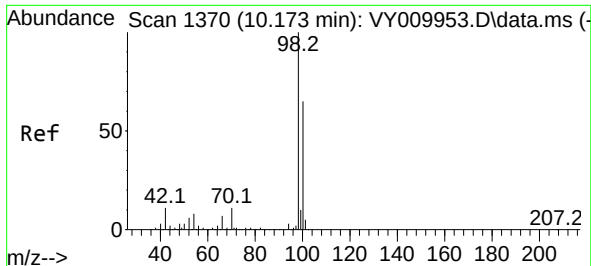
Ion Ratio Lower Upper

113 100

111 105.4 80.6 120.8

192 18.8 16.2 24.4

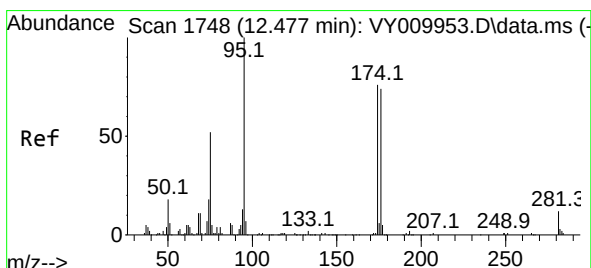
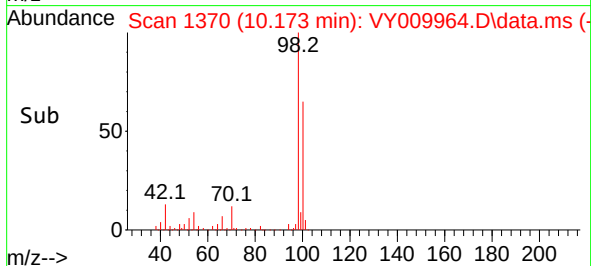
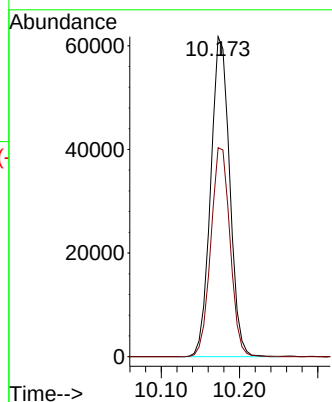
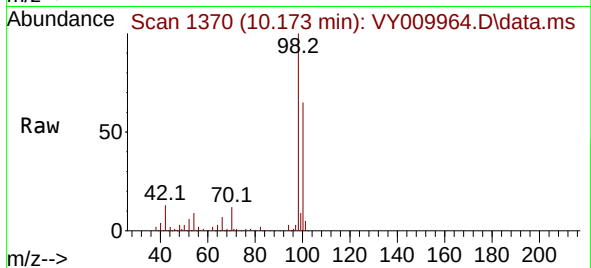




#50
Toluene-d8
Concen: 44.131 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009964.D
Acq: 11 Aug 2022 15:21

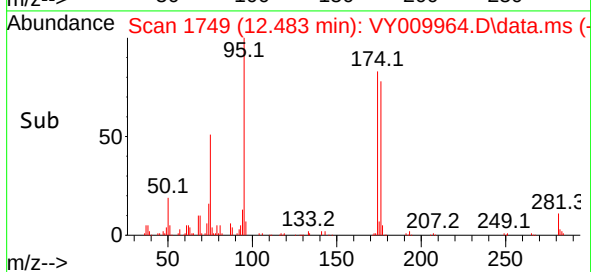
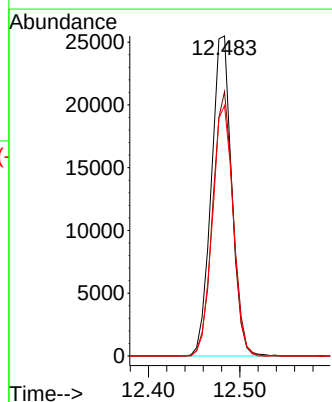
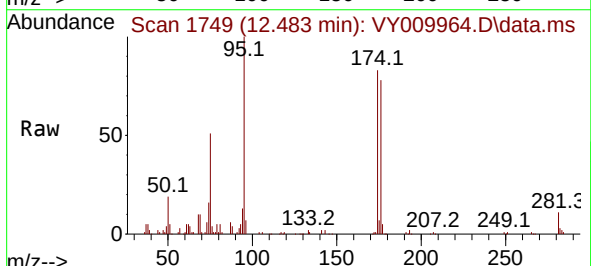
Instrument :
MSVOA_Y
ClientSampleId :
RBR-200051

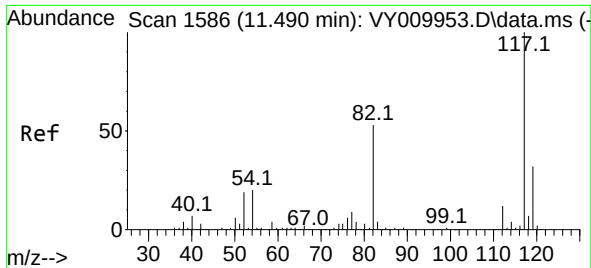
Tgt Ion: 98 Resp: 104066
Ion Ratio Lower Upper
98 100
100 66.1 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 35.236 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY009964.D
Acq: 11 Aug 2022 15:21

Tgt Ion: 95 Resp: 39347
Ion Ratio Lower Upper
95 100
174 82.7 0.0 173.8
176 79.7 0.0 167.0

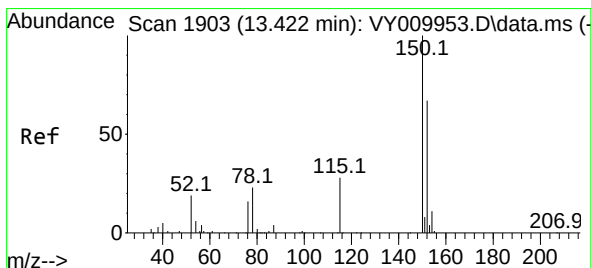
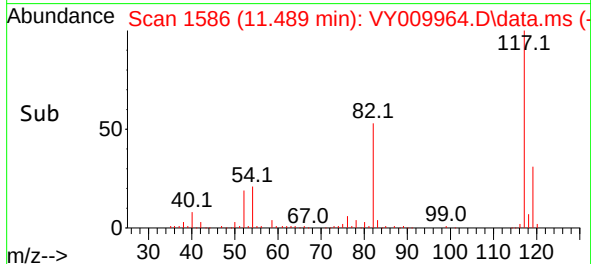
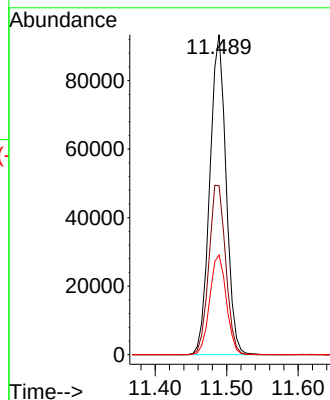
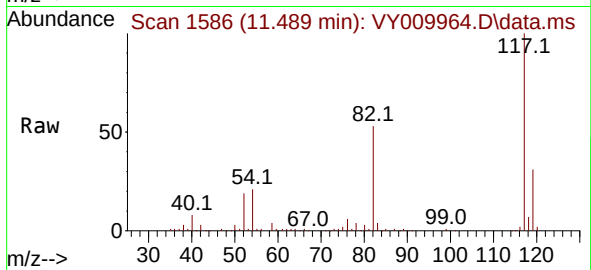




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY009964.D
Acq: 11 Aug 2022 15:21

Instrument :
MSVOA_Y
ClientSampleId :
RBR-200051

Tgt Ion:117 Resp: 147414
Ion Ratio Lower Upper
117 100
82 52.8 41.8 62.6
119 31.2 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009964.D
Acq: 11 Aug 2022 15:21

Tgt Ion:152 Resp: 60422
Ion Ratio Lower Upper
152 100
115 56.7 28.6 85.9
150 158.4 0.0 349.8

