

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
 Data File : VY009941.D
 Acq On : 10 Aug 2022 01:18
 Operator : KP/MD
 Sample : N4017-04
 Misc : 6.92g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB11

Quant Time: Aug 10 08:13:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:55:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	69046	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	141891	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	156611	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	63842	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	28303	52.668	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.340%
35) Dibromofluoromethane	7.710	113	26011	33.770	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	67.540%
50) Toluene-d8	10.173	98	102530	43.003	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.000%
62) 4-Bromofluorobenzene	12.477	95	33049	30.729	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	61.460%

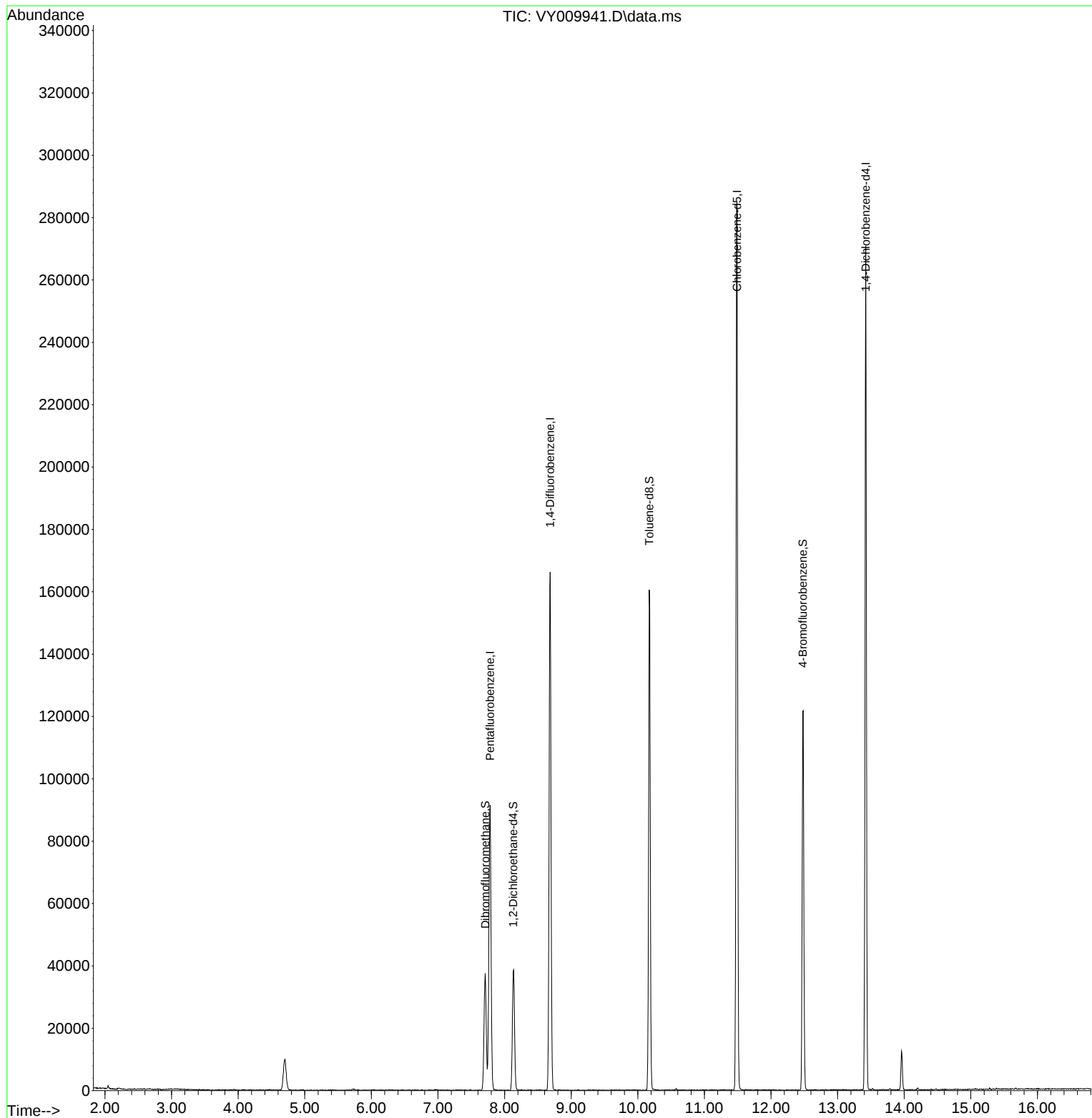
Target Compounds	Qvalue

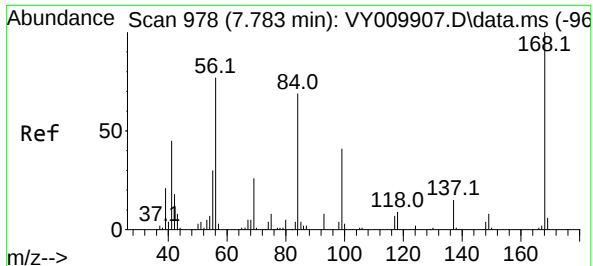
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
Data File : VY009941.D
Acq On : 10 Aug 2022 01:18
Operator : KP/MD
Sample : N4017-04
Misc : 6.92g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB11

Quant Time: Aug 10 08:13:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 08 17:55:50 2022
Response via : Initial Calibration

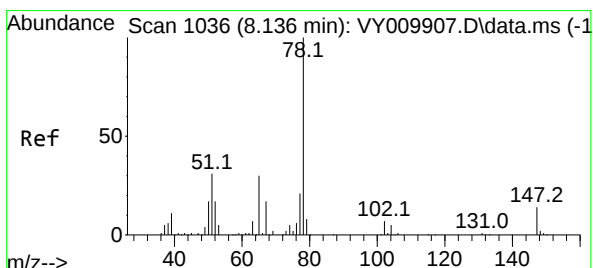
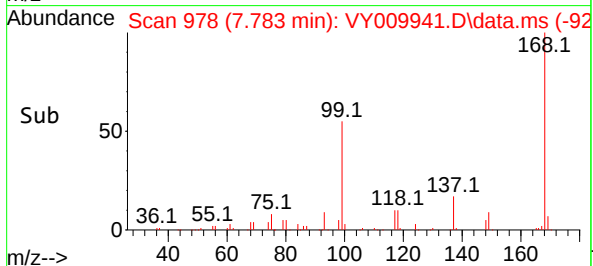
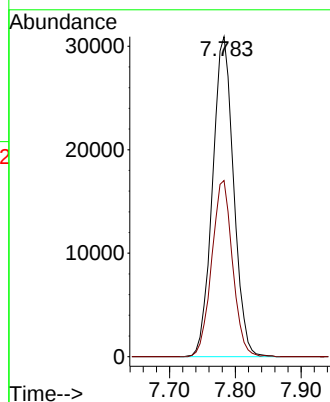
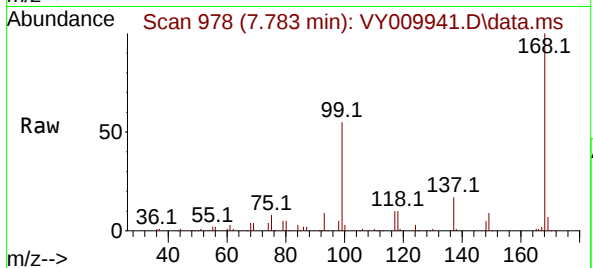




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009941.D
Acq: 10 Aug 2022 01:18

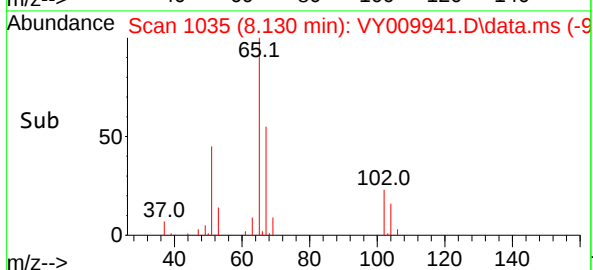
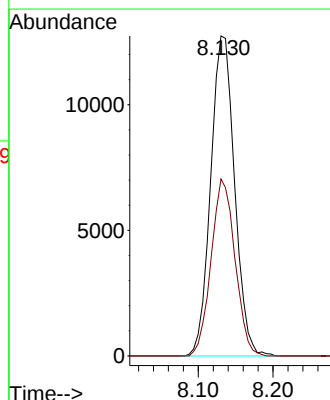
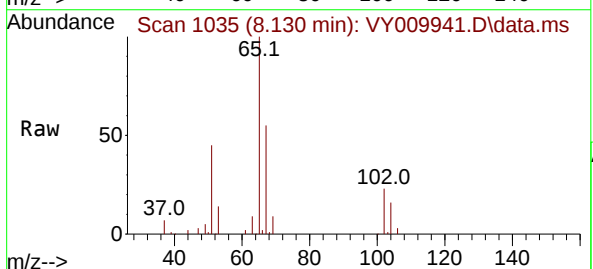
Instrument :
MSVOA_Y
ClientSampleId :
SB11

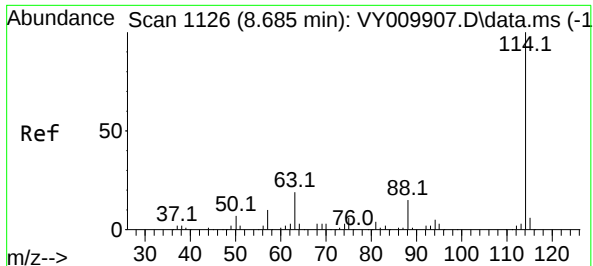
Tgt Ion:168 Resp: 69046
Ion Ratio Lower Upper
168 100
99 55.1 42.1 63.1



#33
1,2-Dichloroethane-d4
Concen: 52.668 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY009941.D
Acq: 10 Aug 2022 01:18

Tgt Ion: 65 Resp: 28303
Ion Ratio Lower Upper
65 100
67 55.3 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: VY009941.D

Acq: 10 Aug 2022 01:18

Instrument :

MSVOA_Y

ClientSampleId :

SB11

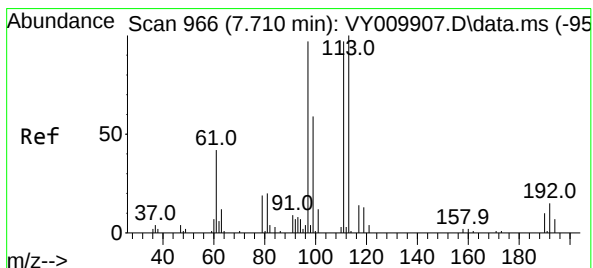
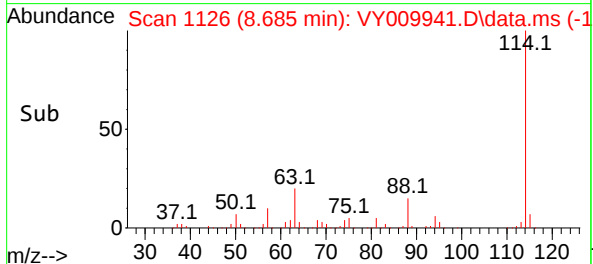
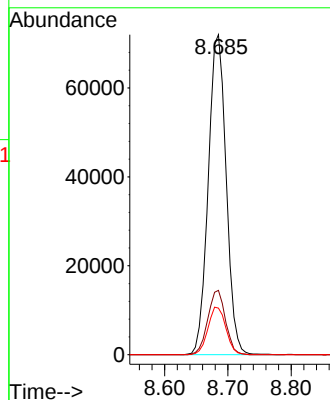
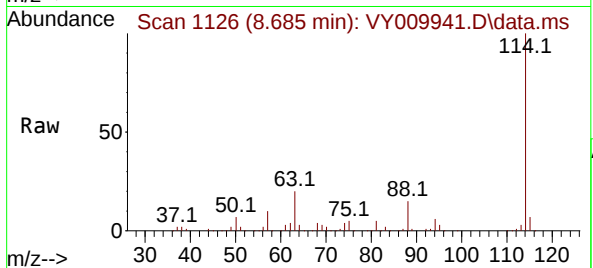
Tgt Ion:114 Resp: 141891

Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.0

88 14.5 0.0 30.0



#35

Dibromofluoromethane

Concen: 33.770 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.001 min

Lab File: VY009941.D

Acq: 10 Aug 2022 01:18

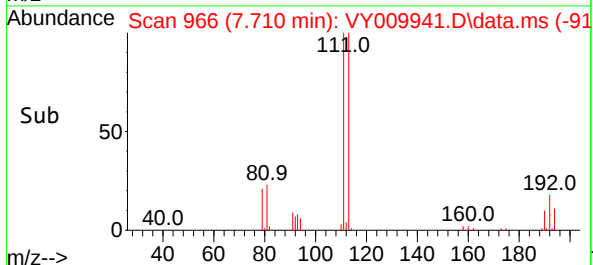
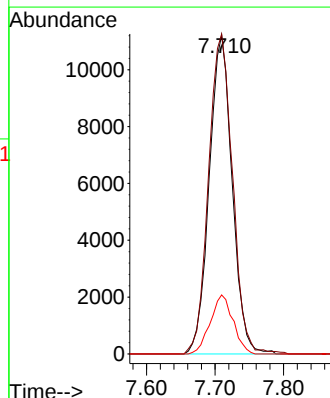
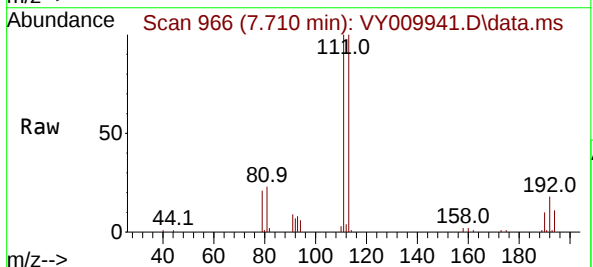
Tgt Ion:113 Resp: 26011

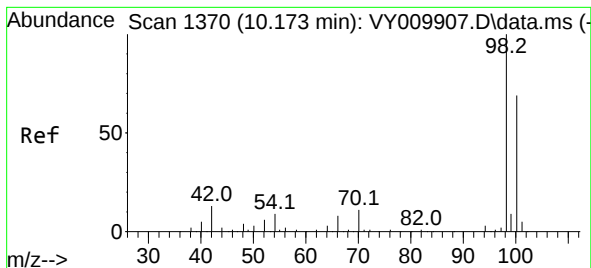
Ion Ratio Lower Upper

113 100

111 105.1 80.6 120.8

192 18.4 16.2 24.4

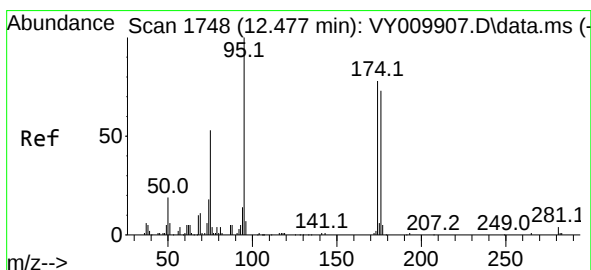
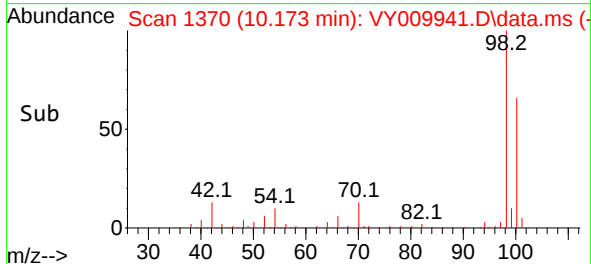
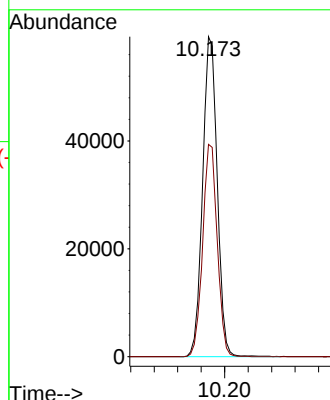
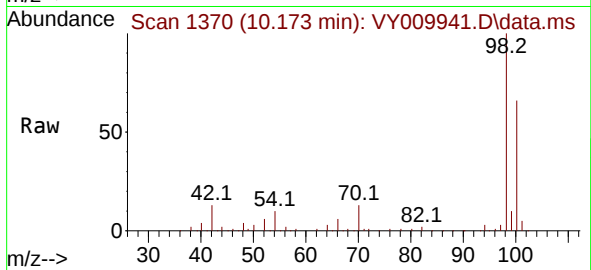




#50
Toluene-d8
Concen: 43.003 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY009941.D
Acq: 10 Aug 2022 01:18

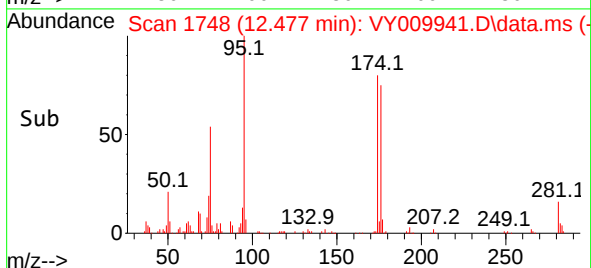
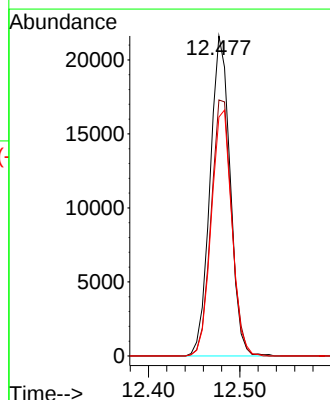
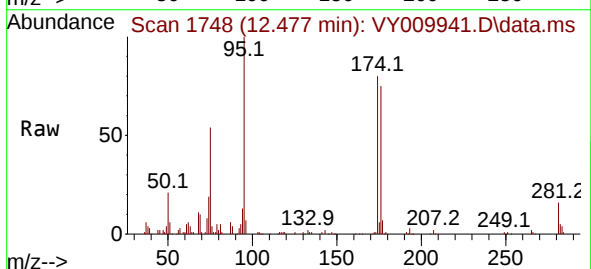
Instrument :
MSVOA_Y
ClientSampleId :
SB11

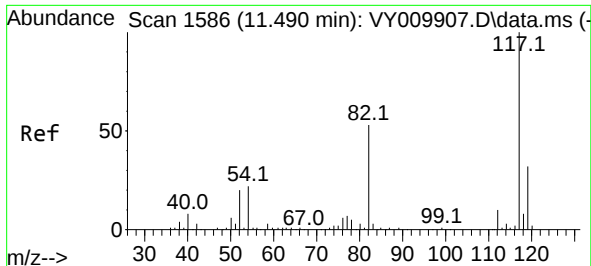
Tgt Ion: 98 Resp: 102530
Ion Ratio Lower Upper
98 100
100 66.1 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 30.729 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009941.D
Acq: 10 Aug 2022 01:18

Tgt Ion: 95 Resp: 33049
Ion Ratio Lower Upper
95 100
174 82.0 0.0 173.8
176 78.5 0.0 167.0

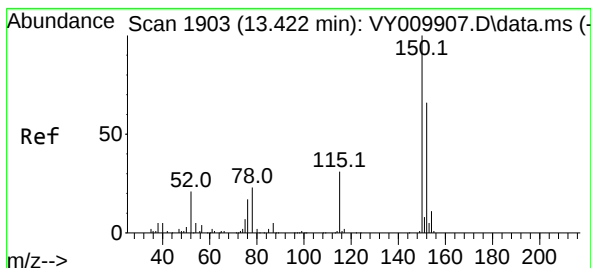
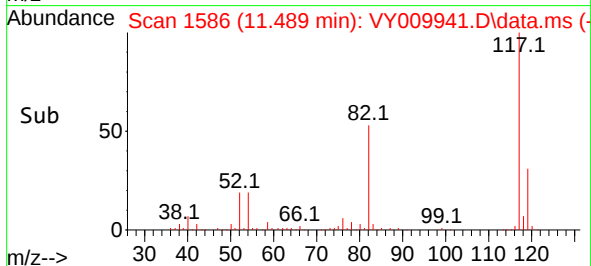
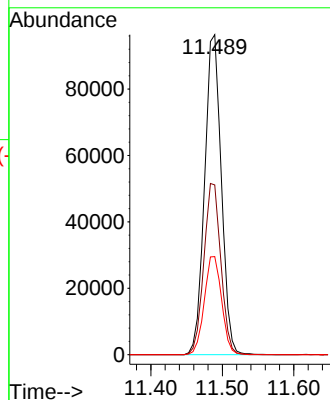
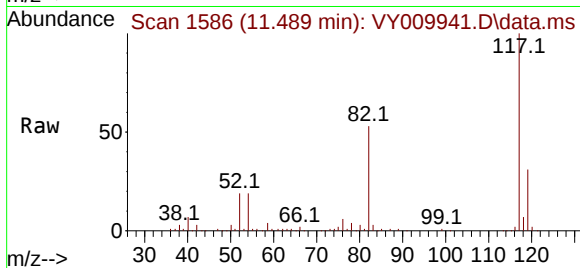




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009941.D
Acq: 10 Aug 2022 01:18

Instrument :
MSVOA_Y
ClientSampleId :
SB11

Tgt Ion:117 Resp: 156611
Ion Ratio Lower Upper
117 100
82 53.0 41.8 62.6
119 30.7 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: VY009941.D
Acq: 10 Aug 2022 01:18

Tgt Ion:152 Resp: 63842
Ion Ratio Lower Upper
152 100
115 57.5 28.6 85.9
150 158.0 0.0 349.8

