

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072122\
 Data File : VY009627.D
 Acq On : 21 Jul 2022 12:37
 Operator : KP/MD
 Sample : N3726-02
 Misc : 5.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OWS-12-12.5

Quant Time: Jul 22 02:29:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	201743	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	331662	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	310684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	150246	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	91594	48.005	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.020%
35) Dibromofluoromethane	7.710	113	87279	41.771	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.540%
50) Toluene-d8	10.173	98	312758	38.937	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	77.880%#
62) 4-Bromofluorobenzene	12.477	95	103066	39.599	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	79.200%

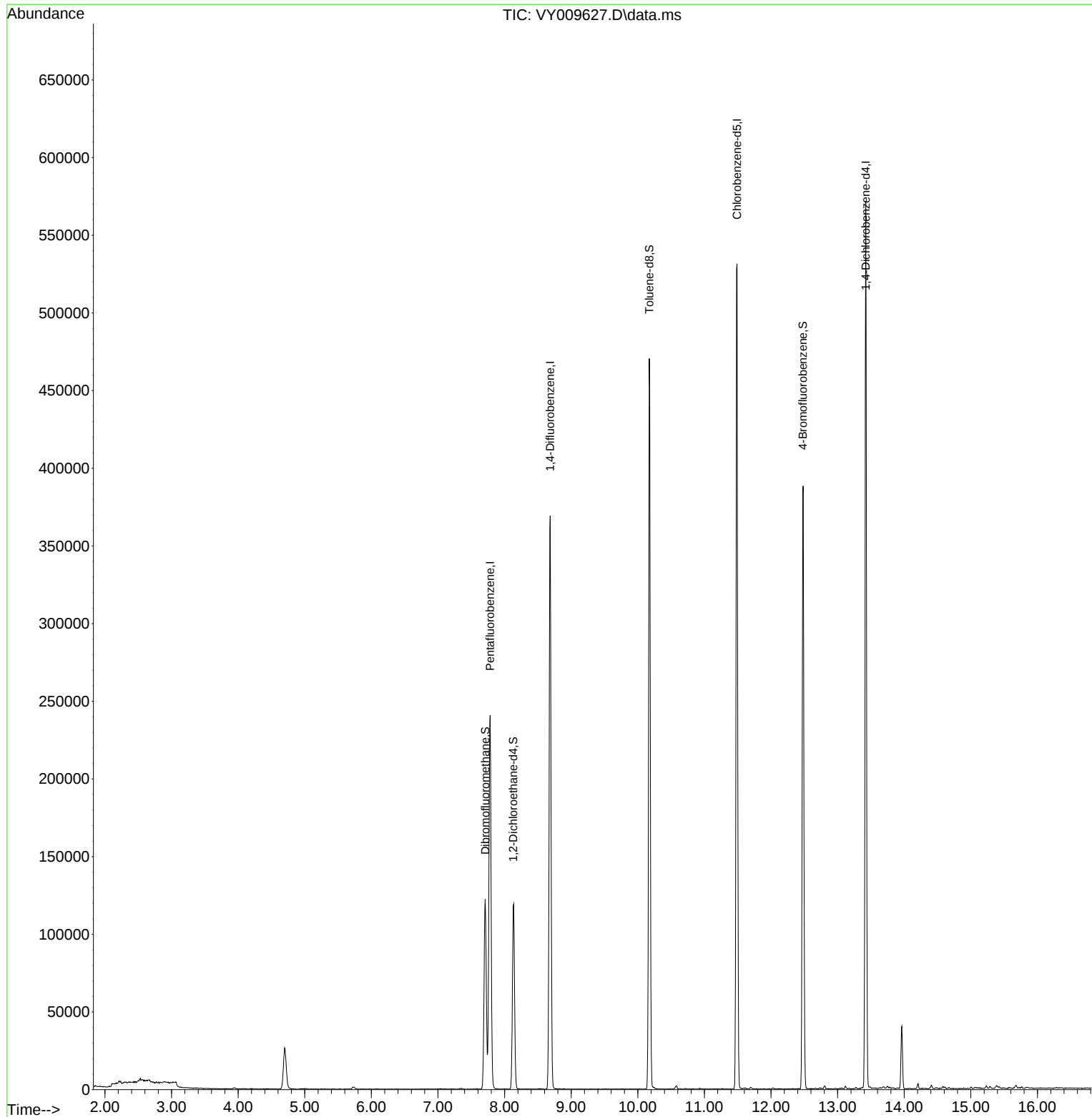
Target Compounds	Qvalue

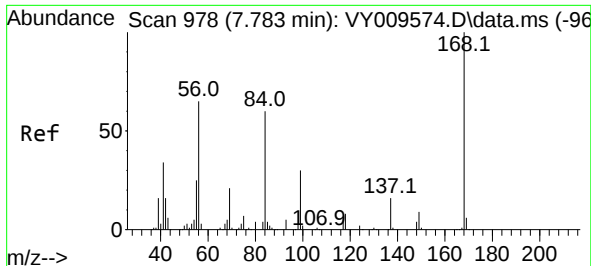
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072122\
Data File : VY009627.D
Acq On : 21 Jul 2022 12:37
Operator : KP/MD
Sample : N3726-02
Misc : 5.99g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OWS-12-12.5

Quant Time: Jul 22 02:29:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 19 04:22:09 2022
Response via : Initial Calibration

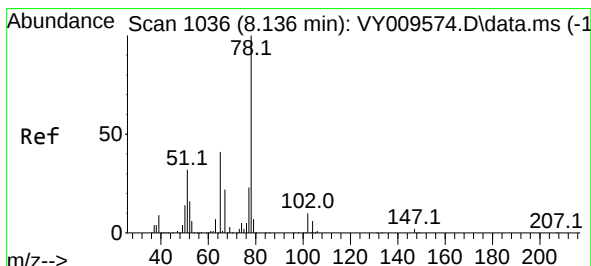
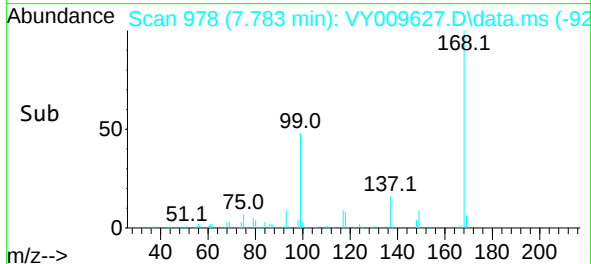
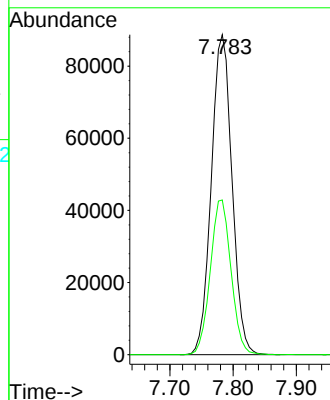
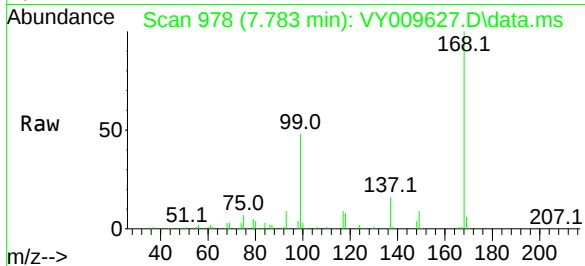




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009627.D
Acq: 21 Jul 2022 12:37

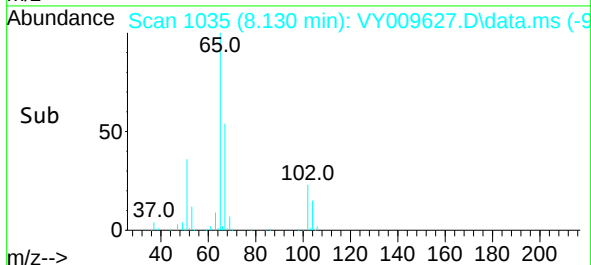
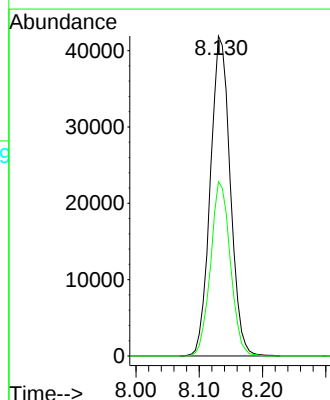
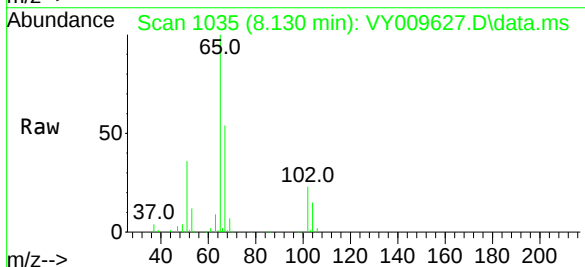
Instrument :
MSVOA_Y
ClientSampleId :
OWS-12-12.5

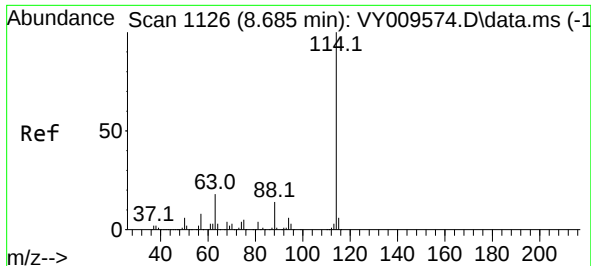
Tgt Ion:168 Resp: 201743
Ion Ratio Lower Upper
168 100
99 48.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 48.005 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009627.D
Acq: 21 Jul 2022 12:37

Tgt Ion: 65 Resp: 91594
Ion Ratio Lower Upper
65 100
67 53.9 0.0 99.4

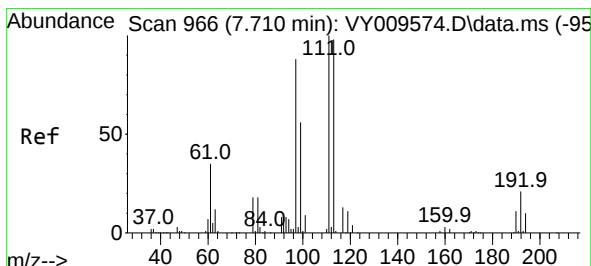
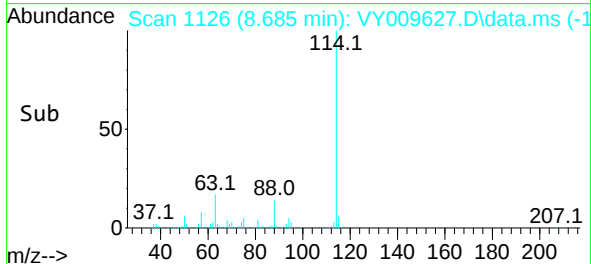
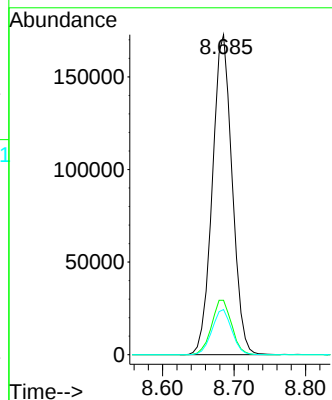
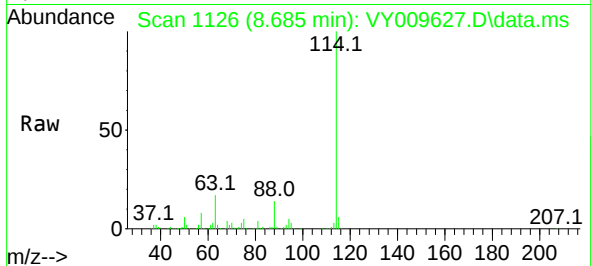




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY009627.D
Acq: 21 Jul 2022 12:37

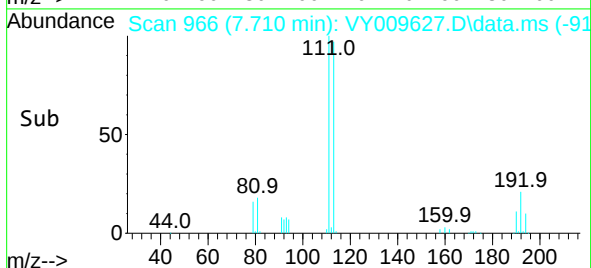
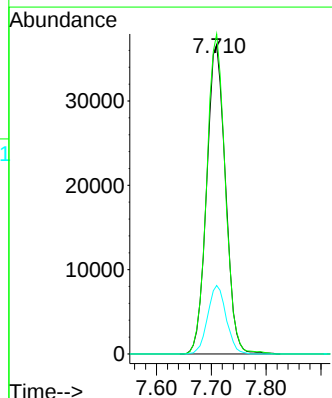
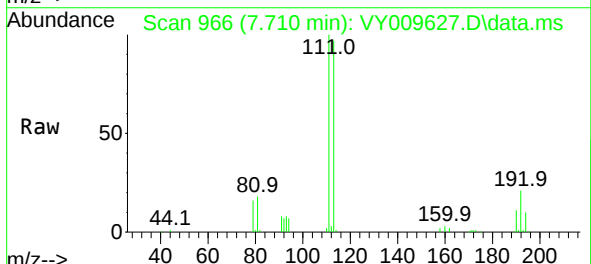
Instrument :
MSVOA_Y
ClientSampleId :
OWS-12-12.5

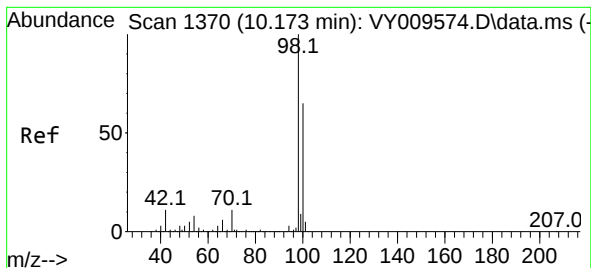
Tgt Ion:114 Resp: 331662
Ion Ratio Lower Upper
114 100
63 17.0 0.0 43.2
88 14.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 41.771 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY009627.D
Acq: 21 Jul 2022 12:37

Tgt Ion:113 Resp: 87279
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 21.8 17.6 26.4

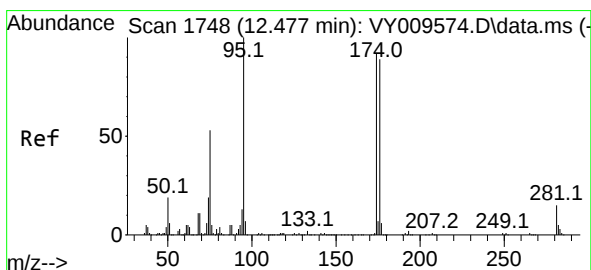
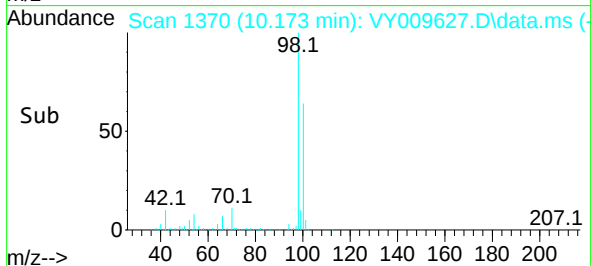
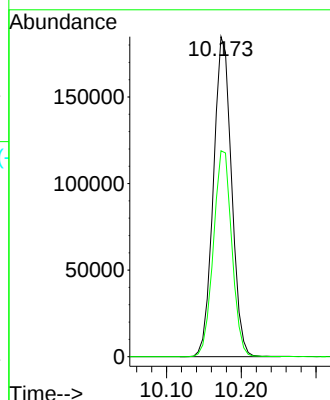
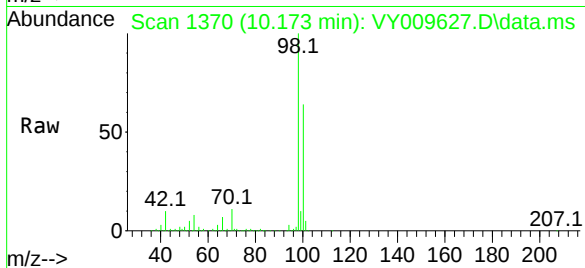




#50
Toluene-d8
Concen: 38.937 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009627.D
Acq: 21 Jul 2022 12:37

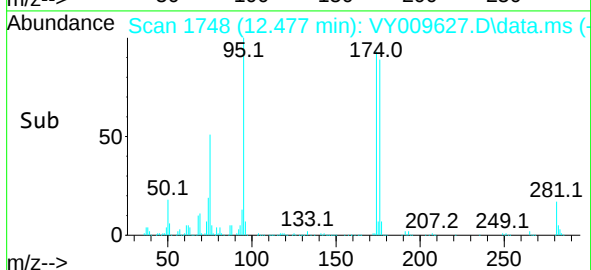
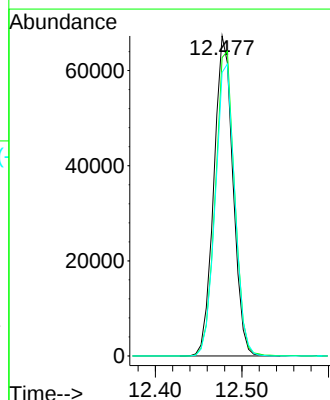
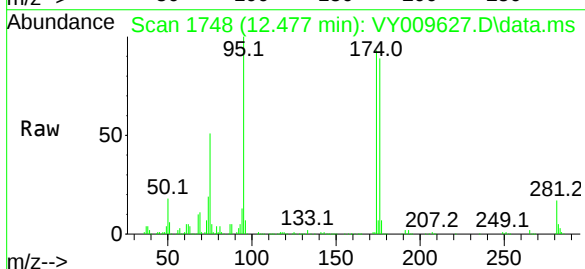
Instrument :
MSVOA_Y
ClientSampleId :
OWS-12-12.5

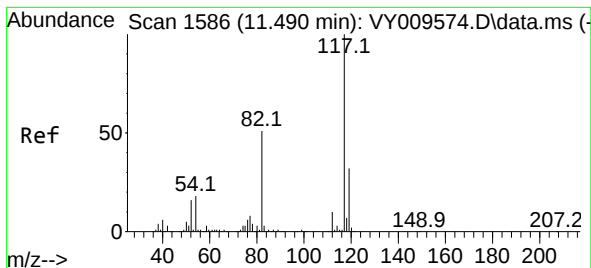
Tgt Ion: 98 Resp: 312758
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.599 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009627.D
Acq: 21 Jul 2022 12:37

Tgt Ion: 95 Resp: 103066
Ion Ratio Lower Upper
95 100
174 96.1 0.0 177.0
176 92.7 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009627.D

Acq: 21 Jul 2022 12:37

Instrument :

MSVOA_Y

ClientSampleId :

OVS-12-12.5

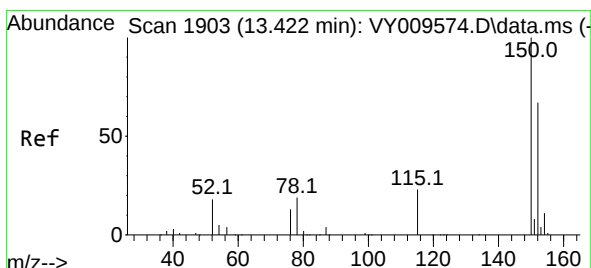
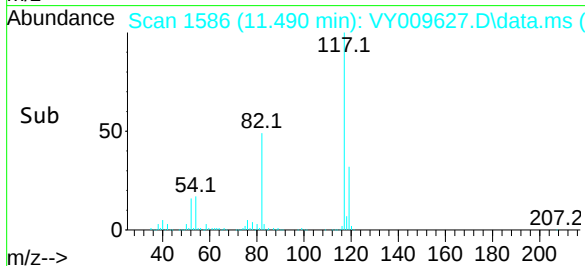
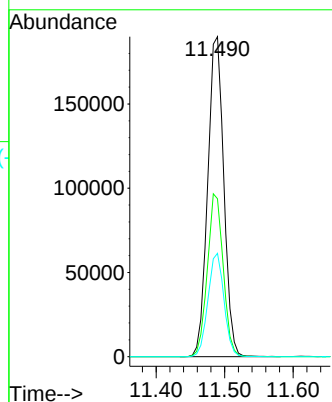
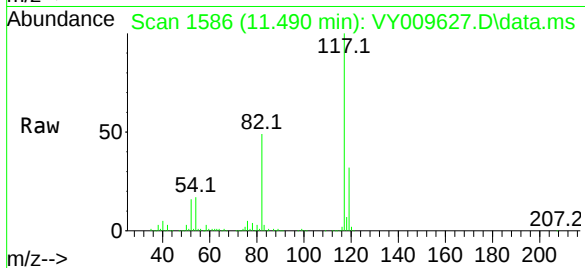
Tgt Ion:117 Resp: 310684

Ion Ratio Lower Upper

117 100

82 49.4 43.0 64.4

119 32.3 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: VY009627.D

Acq: 21 Jul 2022 12:37

Tgt Ion:152 Resp: 150246

Ion Ratio Lower Upper

152 100

115 54.4 28.2 84.7

150 157.9 0.0 347.6

