

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111422\
 Data File : VY011444.D
 Acq On : 14 Nov 2022 16:55
 Operator : KP/MD
 Sample : N5582-02
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 31877

Quant Time: Nov 15 01:50:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

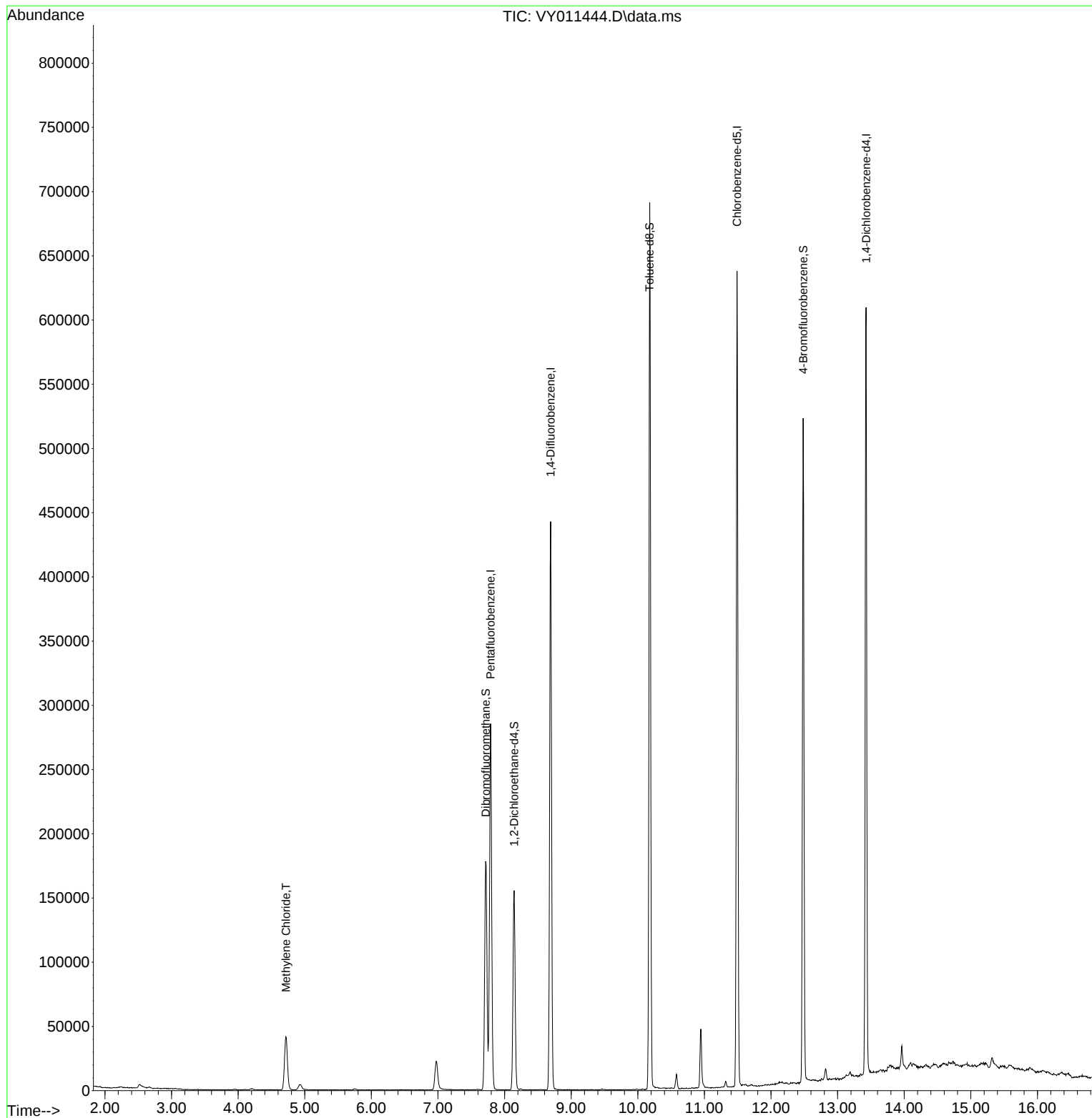
Internal Standards						
1) Pentafluorobenzene	7.789	168	228193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	401799	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	366964	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	168033	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	120934	63.244	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.480%	
35) Dibromofluoromethane	7.716	113	131014	58.183	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.360%	
50) Toluene-d8	10.179	98	465271	54.086	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.180%	
62) 4-Bromofluorobenzene	12.483	95	160897	53.624	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.240%	
Target Compounds						
20) Methylene Chloride	4.716	84	34861	6.137	ug/l	Qvalue # 78

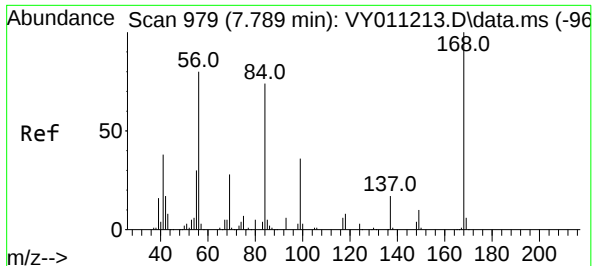
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111422\
Data File : VY011444.D
Acq On : 14 Nov 2022 16:55
Operator : KP/MD
Sample : N5582-02
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
31877

Quant Time: Nov 15 01:50:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 10 17:47:26 2022
Response via : Initial Calibration

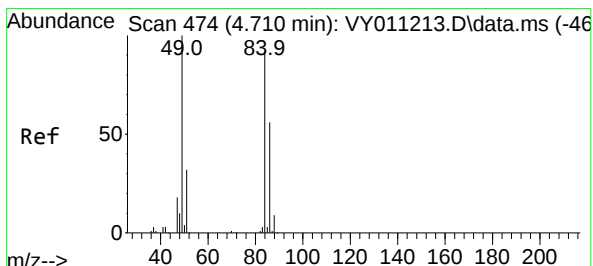
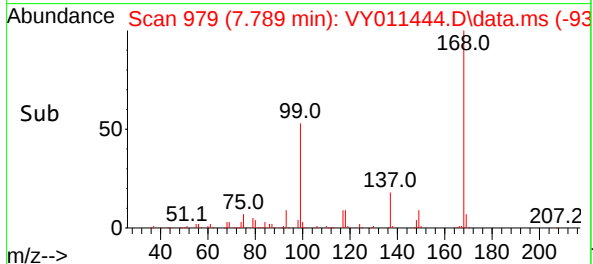
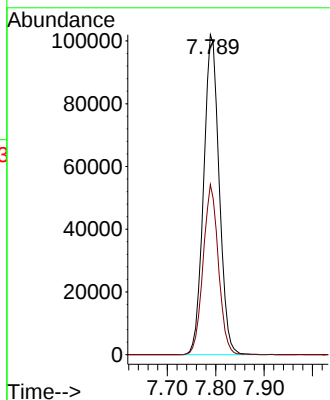
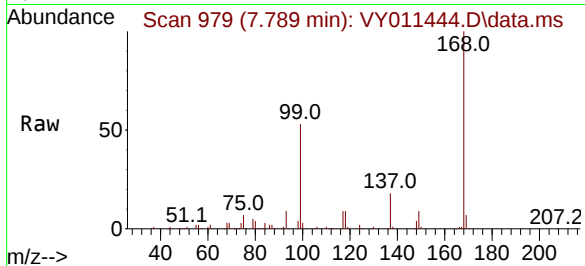




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011444.D
Acq: 14 Nov 2022 16:55

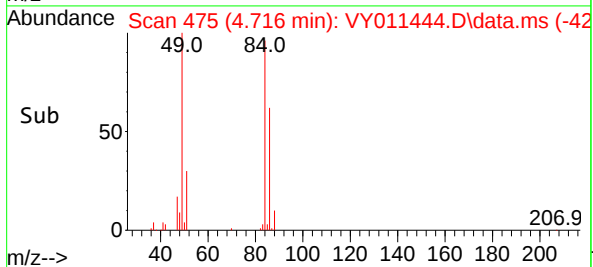
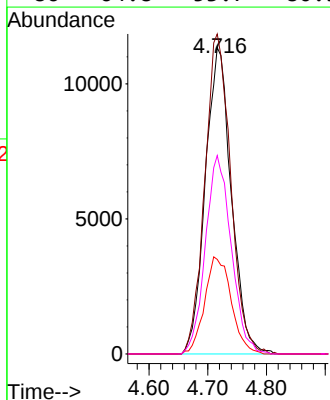
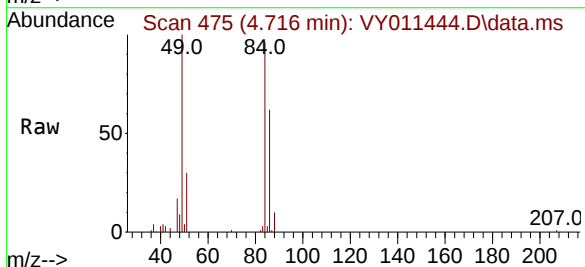
Instrument :
MSVOA_Y
ClientSampleId :
31877

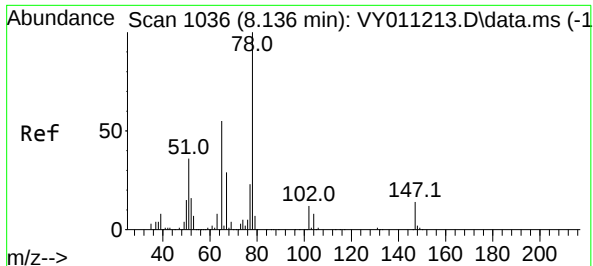
Tgt Ion:168 Resp: 228193
Ion Ratio Lower Upper
168 100
99 53.2 46.9 70.3



#20
Methylene Chloride
Concen: 6.137 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY011444.D
Acq: 14 Nov 2022 16:55

Tgt Ion: 84 Resp: 34861
Ion Ratio Lower Upper
84 100
49 104.5 114.4 171.6#
51 30.9 35.3 52.9#
86 64.8 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 63.244 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY011444.D

Acq: 14 Nov 2022 16:55

Instrument :

MSVOA_Y

ClientSampleId :

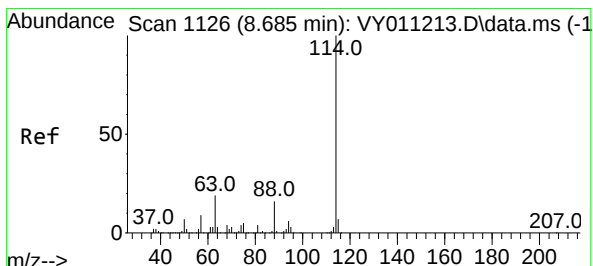
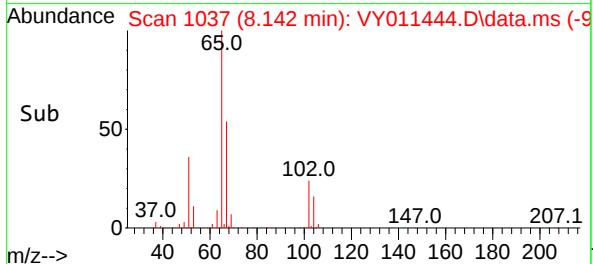
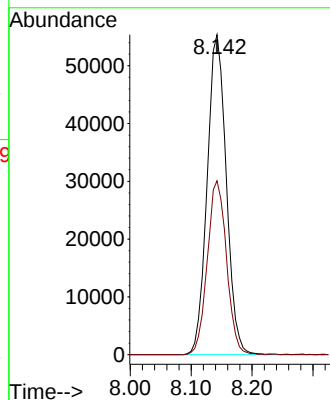
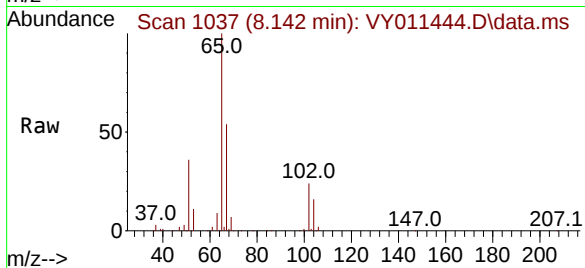
31877

Tgt Ion: 65 Resp: 120934

Ion Ratio Lower Upper

65 100

67 54.6 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY011444.D

Acq: 14 Nov 2022 16:55

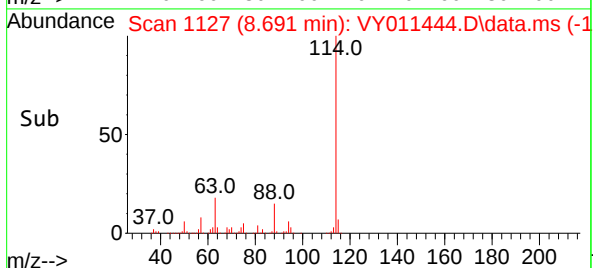
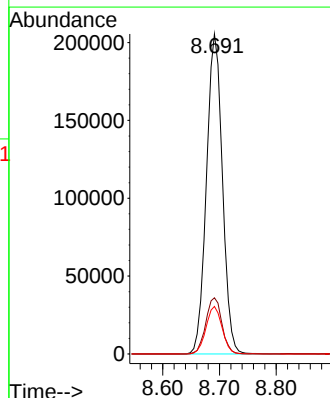
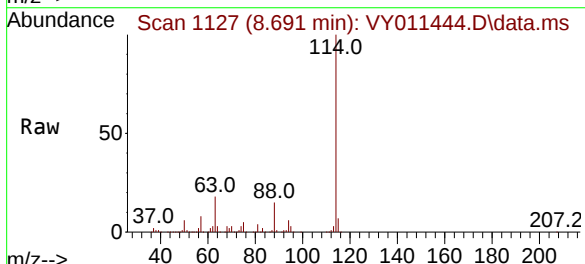
Tgt Ion:114 Resp: 401799

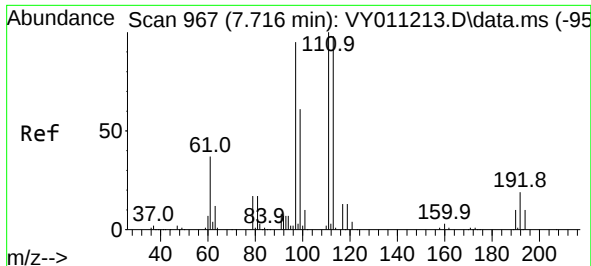
Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

88 14.8 0.0 31.8

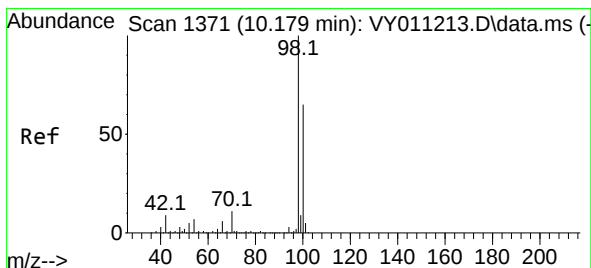
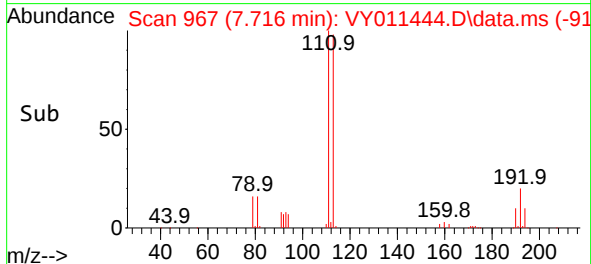
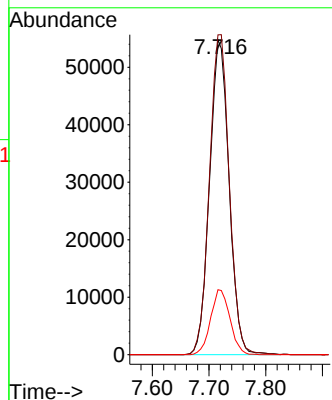
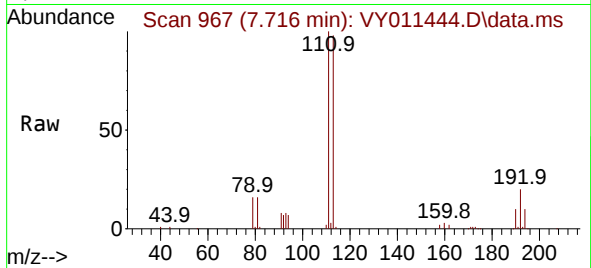




#35
Dibromofluoromethane
Concen: 58.183 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY011444.D
Acq: 14 Nov 2022 16:55

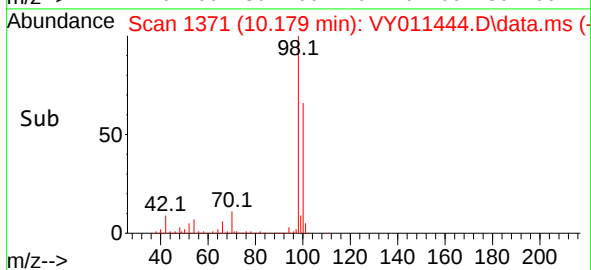
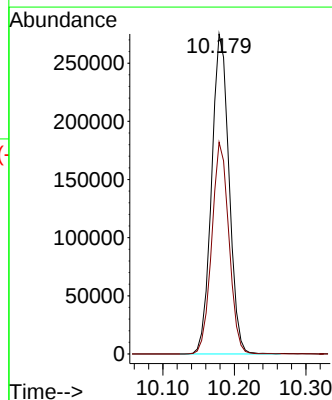
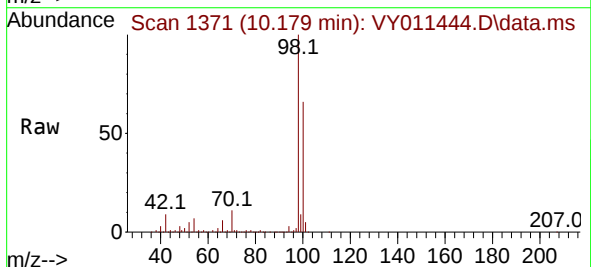
Instrument :
MSVOA_Y
ClientSampleId :
31877

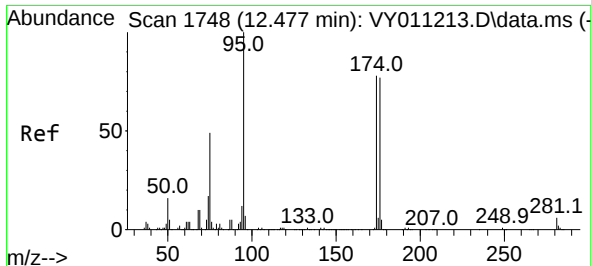
Tgt Ion:113 Resp: 131014
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 20.4 17.6 26.4



#50
Toluene-d8
Concen: 54.086 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011444.D
Acq: 14 Nov 2022 16:55

Tgt Ion: 98 Resp: 465271
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 53.624 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY011444.D

Acq: 14 Nov 2022 16:55

Instrument :

MSVOA_Y

ClientSampleId :

31877

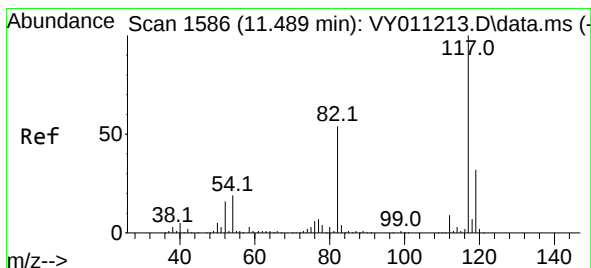
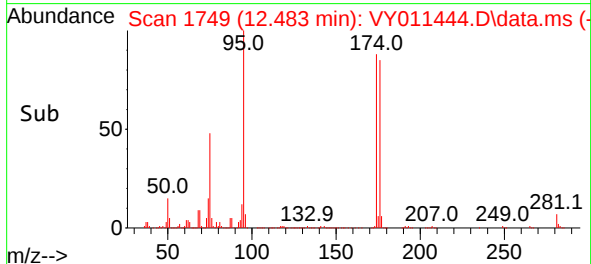
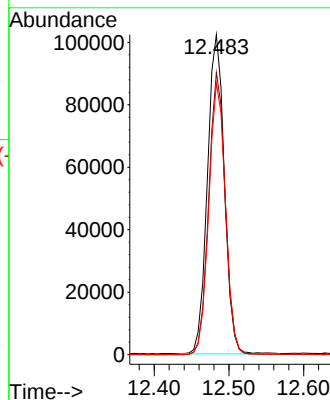
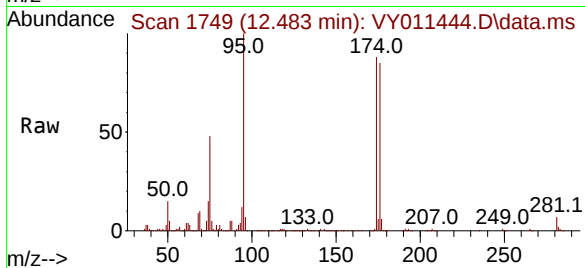
Tgt Ion: 95 Resp: 160897

Ion Ratio Lower Upper

95 100

174 86.8 0.0 177.0

176 83.5 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: VY011444.D

Acq: 14 Nov 2022 16:55

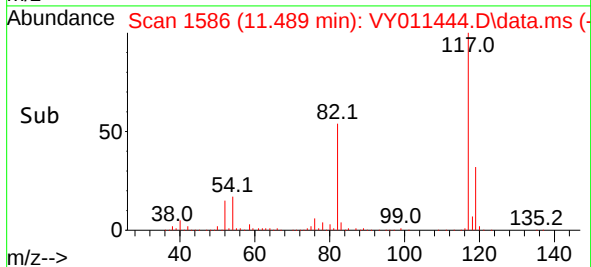
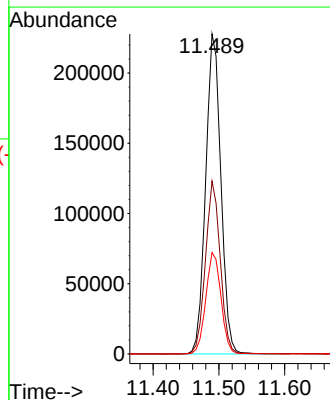
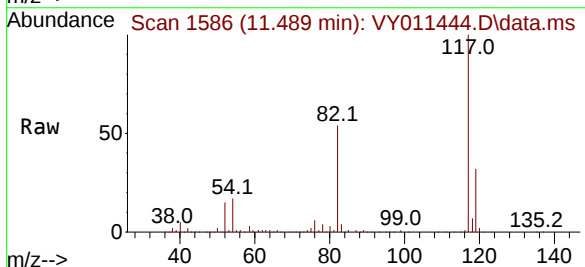
Tgt Ion: 117 Resp: 366964

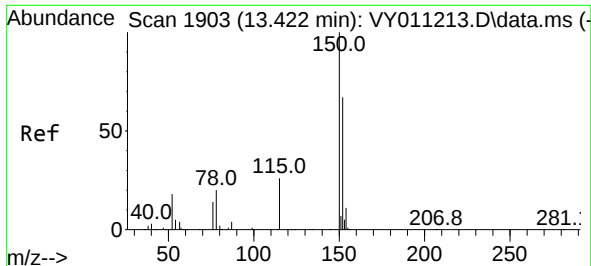
Ion Ratio Lower Upper

117 100

82 54.0 43.0 64.4

119 31.7 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VY011444.D

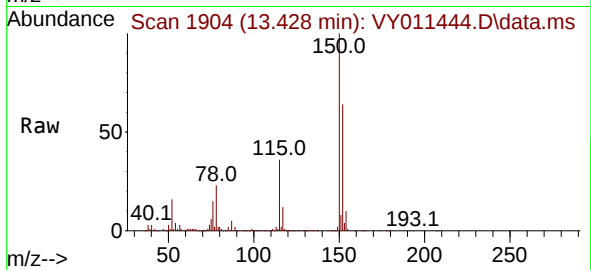
Acq: 14 Nov 2022 16:55

Instrument :

MSVOA_Y

ClientSampleId :

31877



Tgt Ion:152 Resp: 168033

Ion Ratio Lower Upper

152 100

115 57.9 28.2 84.7

150 156.4 0.0 347.6

