

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011320\
 Data File : VY001187.D
 Acq On : 13 Jan 2020 18:00
 Operator : SY/MD
 Sample : L1004-01
 Misc : 8.09G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-RO-258

Quant Time: Jan 14 11:26:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

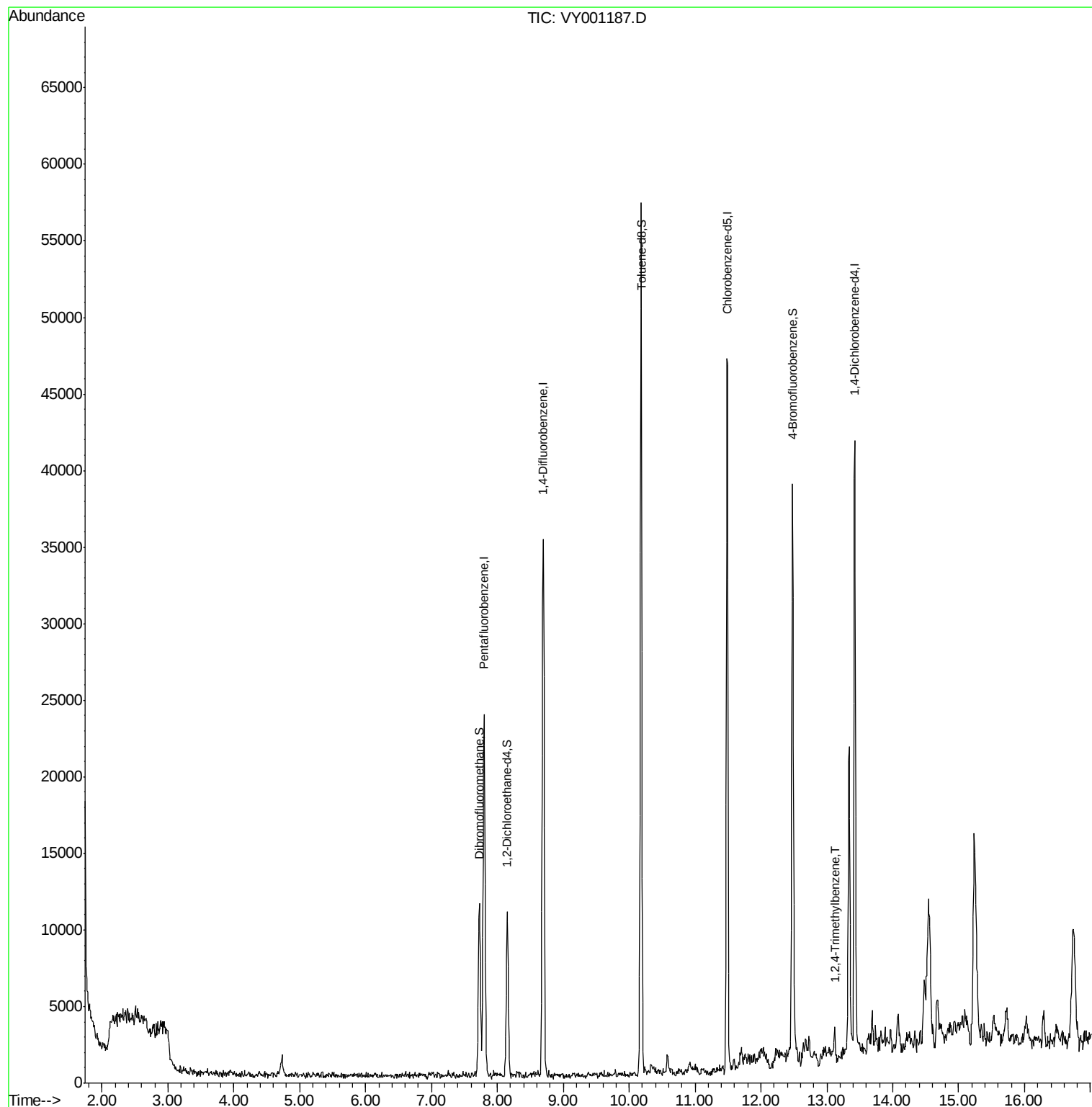
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	17947	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	31522	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	26081	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	9892	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	8029	42.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.72%	
35) Dibromofluoromethane	7.73	113	8432	45.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.38%	
50) Toluene-d8	10.18	98	36229	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	
62) 4-Bromofluorobenzene	12.48	95	11077	38.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.20%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.12	105	1136	1.844	ug/l	Qvalue 99

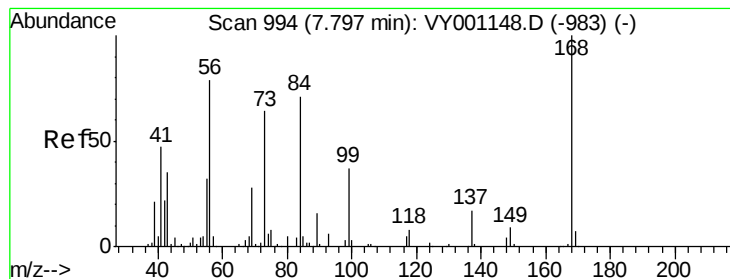
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY011320\
Data File : VY001187.D
Acq On : 13 Jan 2020 18:00
Operator : SY/MD
Sample : L1004-01
Misc : 8.09G/5ML/MSVOA Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BU-RO-258

Quant Time: Jan 14 11:26:40 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 10 16:01:58 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY001187.D

Acq: 13 Jan 2020 18:00

Instrument :

MSVOA_Y

ClientSampleId :

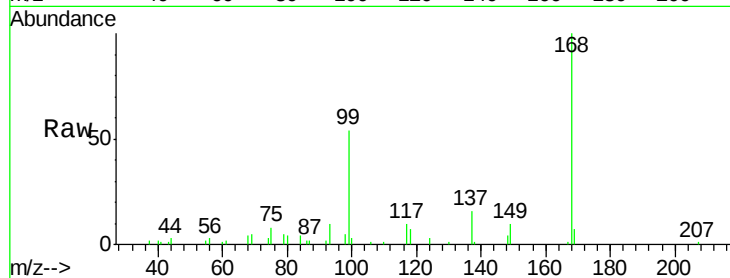
BU-RO-258

Tot Ion:168 Resp: 17947

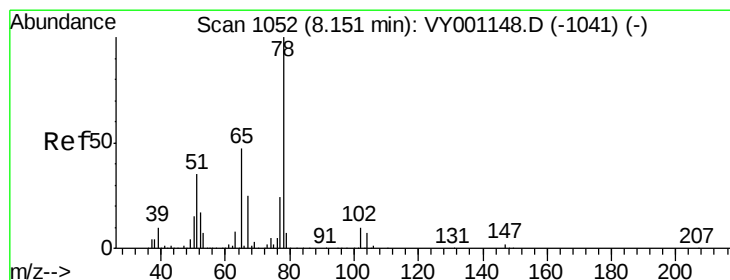
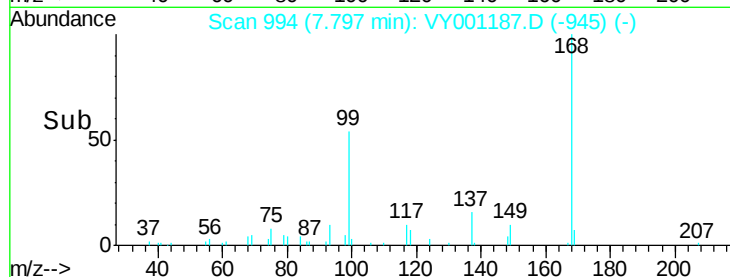
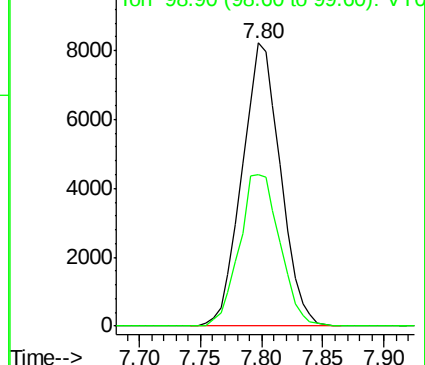
Ion Ratio Lower Upper

168 100

99 53.7 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001187.D (-945) (-)



#33

1,2-Dichloroethane-d4

Concen: 42.358 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VY001187.D

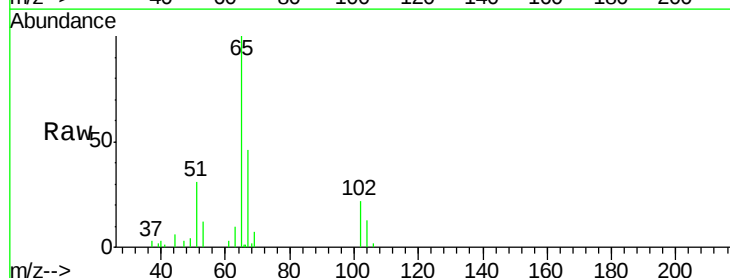
Acq: 13 Jan 2020 18:00

Tgt Ion: 65 Resp: 8029

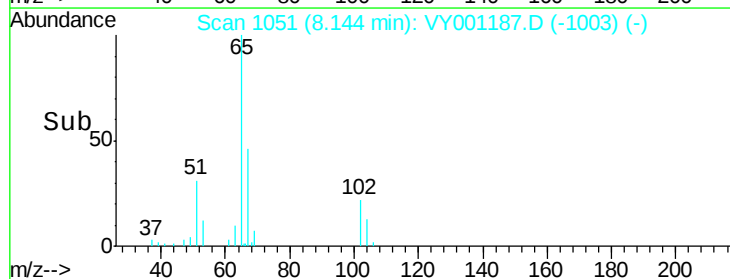
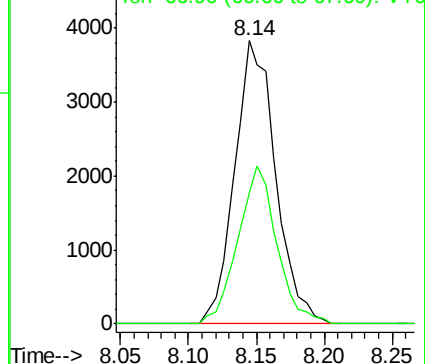
Ion Ratio Lower Upper

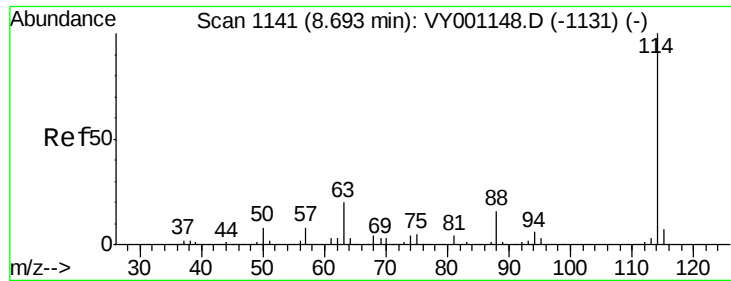
65 100

67 53.0 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY001187.D (-1003) (-)

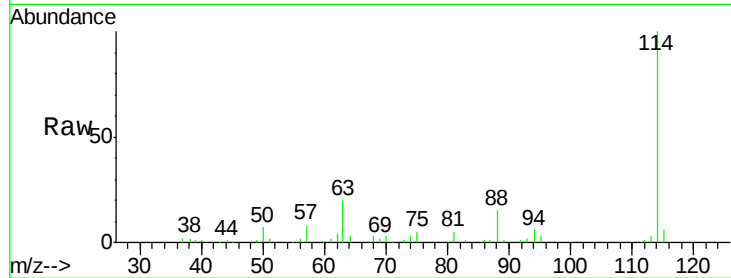




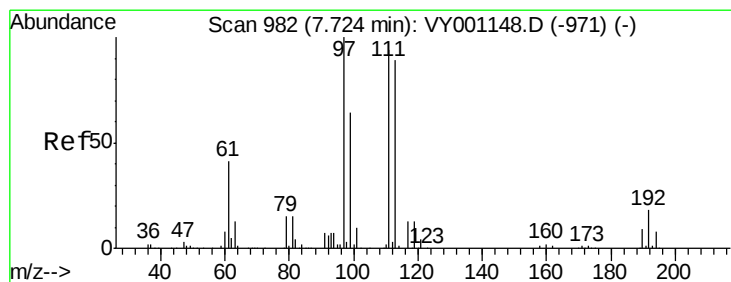
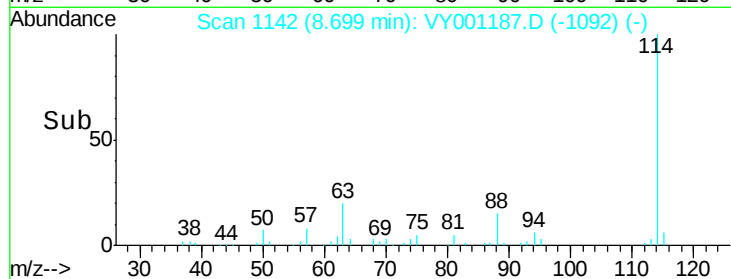
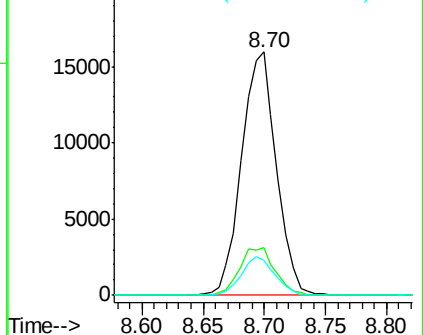
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: VY001187.D
 Acq: 13 Jan 2020 18:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-RO-258

Tot Ion:114 Resp: 31522
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.8
 88 14.6 0.0 32.4

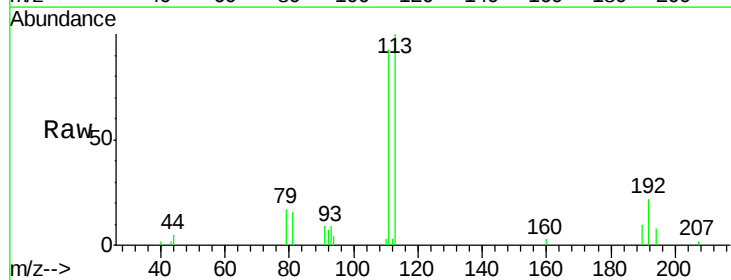


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

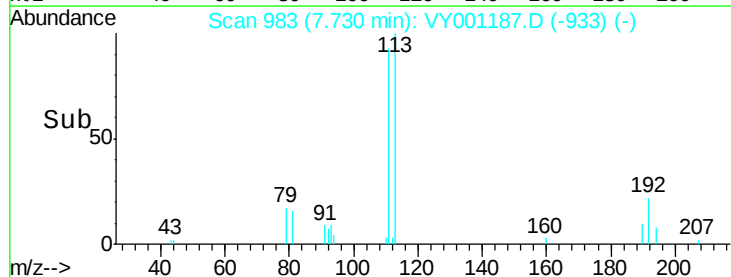
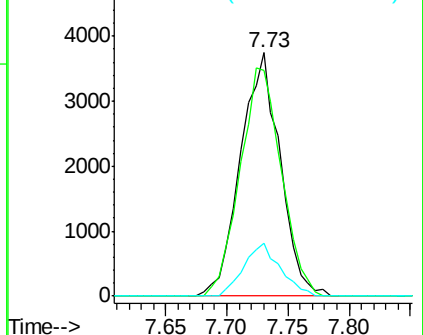


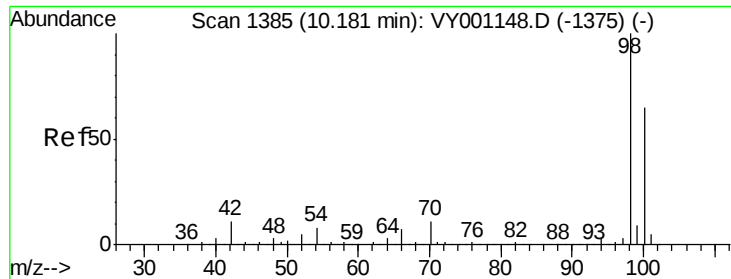
#35
 Dibromofluoromethane
 Concen: 45.687 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VY001187.D
 Acq: 13 Jan 2020 18:00

Tgt Ion:113 Resp: 8432
 Ion Ratio Lower Upper
 113 100
 111 97.9 82.9 124.3
 192 20.0 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.945 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY001187.D

Acq: 13 Jan 2020 18:00

Instrument :

MSVOA_Y

ClientSampleId :

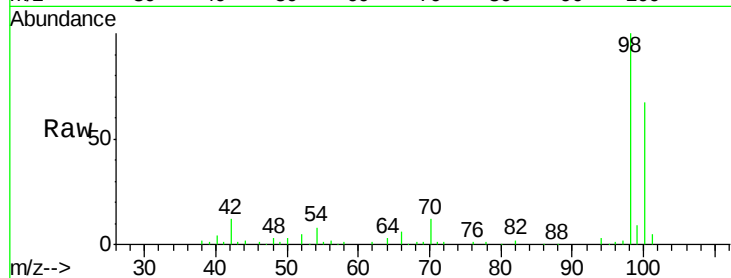
BU-RO-258

Tot Ion: 98 Resp: 36229

Ion Ratio Lower Upper

98 100

100 66.4 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY001187.D (-1336) (-)

Ion 100.00 (99.70 to 100.70): VY001187.D (-1336) (-)

10.18

25000

20000

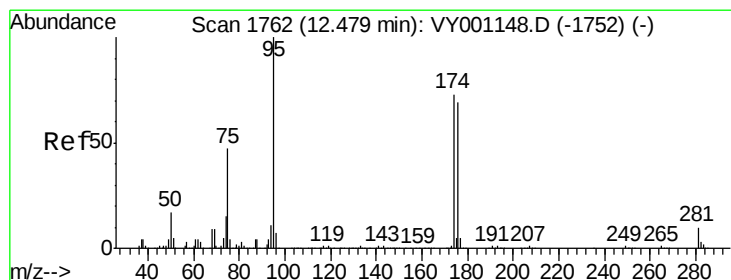
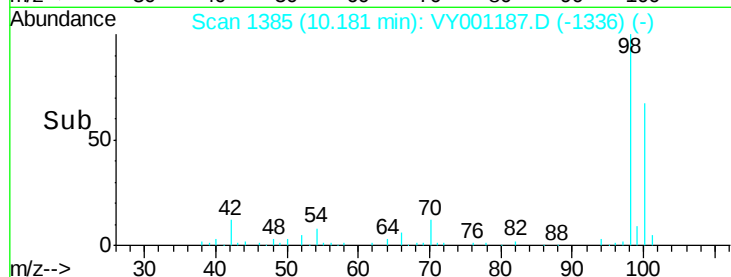
15000

10000

5000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 38.100 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY001187.D

Acq: 13 Jan 2020 18:00

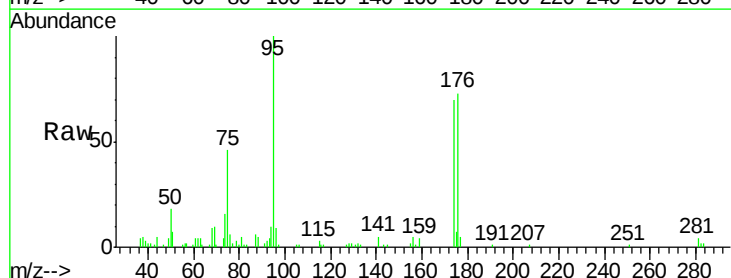
Tgt Ion: 95 Resp: 11077

Ion Ratio Lower Upper

95 100

174 78.3 0.0 143.2

176 74.3 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VY001187.D (-1713) (-)

Ion 173.80 (173.50 to 174.50): VY001187.D (-1713) (-)

Ion 175.80 (175.50 to 176.50): VY001187.D (-1713) (-)

12.48

10000

8000

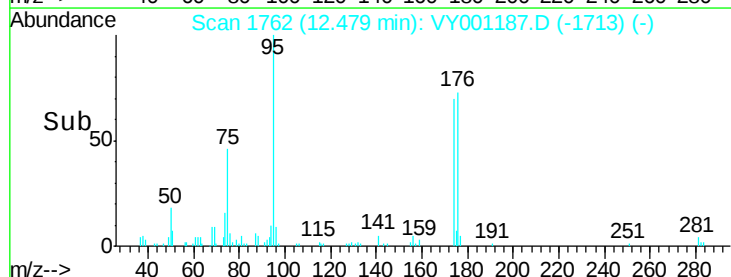
6000

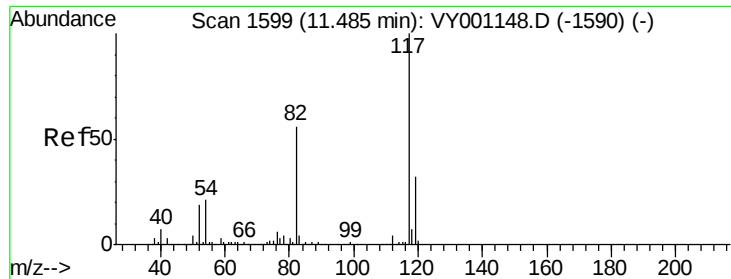
4000

2000

0

Time-->

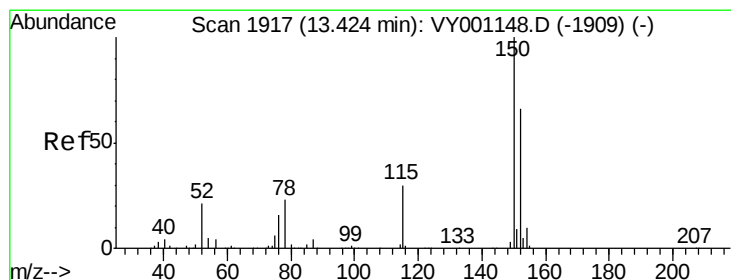
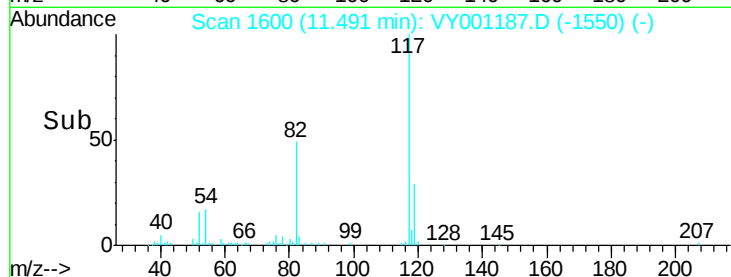
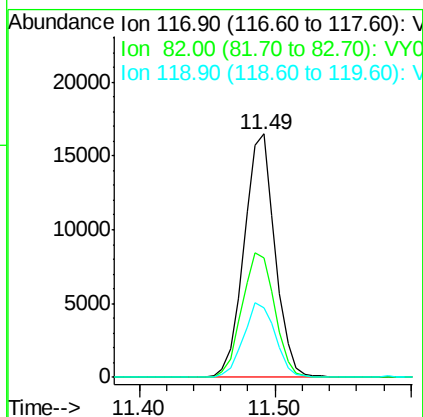
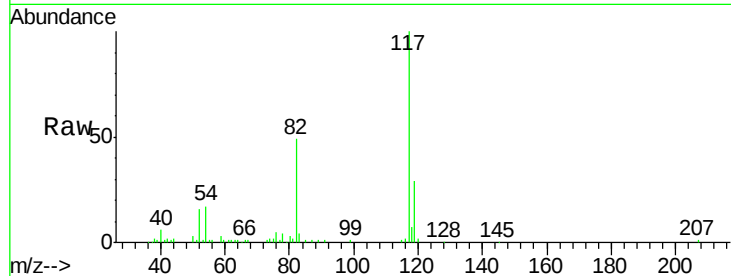




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001187.D
Acq: 13 Jan 2020 18:00

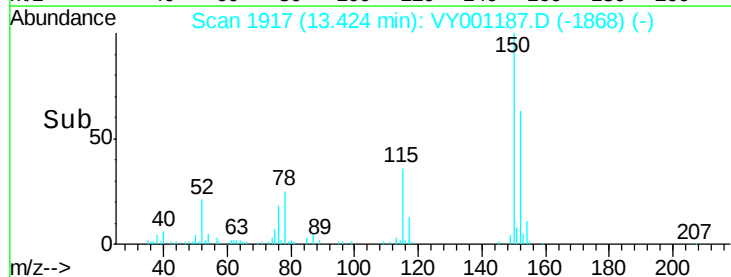
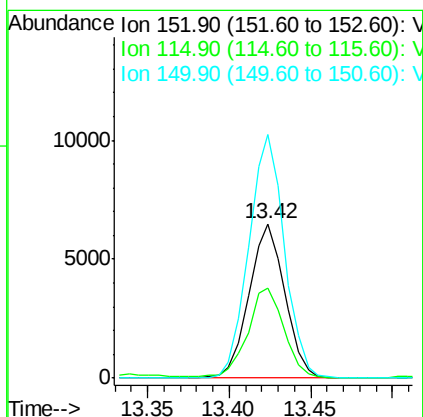
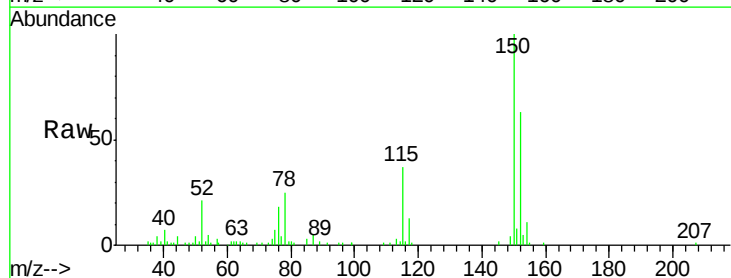
Instrument :
MSVOA_Y
ClientSampleId :
BU-RO-258

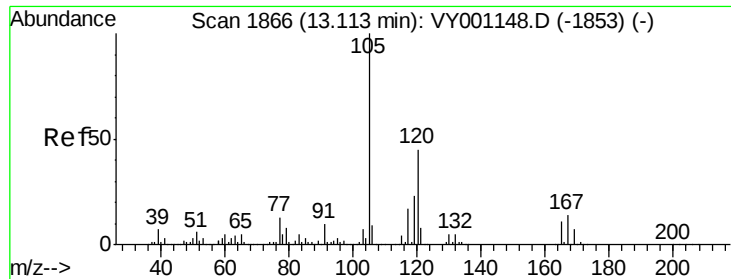
Tot Ion:117 Resp: 26081
Ion Ratio Lower Upper
117 100
82 49.3 44.9 67.3
119 28.5 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY001187.D
Acq: 13 Jan 2020 18:00

Tgt Ion:152 Resp: 9892
Ion Ratio Lower Upper
152 100
115 59.6 30.9 92.5
150 156.5 0.0 346.8

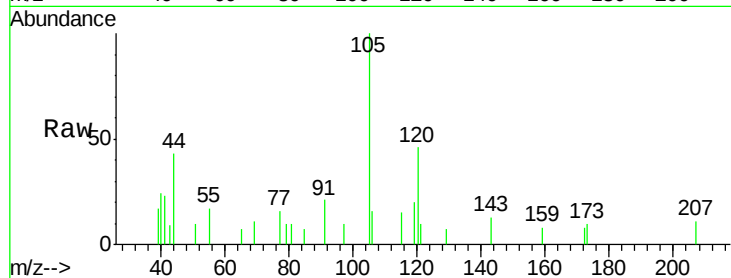




#84
 1,2,4-Trimethylbenzene
 Concen: 1.844 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.01 min
 Lab File: VY001187.D
 Acq: 13 Jan 2020 18:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-RO-258

Tot Ion:105 Resp: 1136
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.8 68.3



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

