

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011320\
 Data File : VY001185.D
 Acq On : 13 Jan 2020 17:15
 Operator : SY/MD
 Sample : L1004-04
 Misc : 7.13G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-RO-234

Quant Time: Jan 14 11:22:28 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

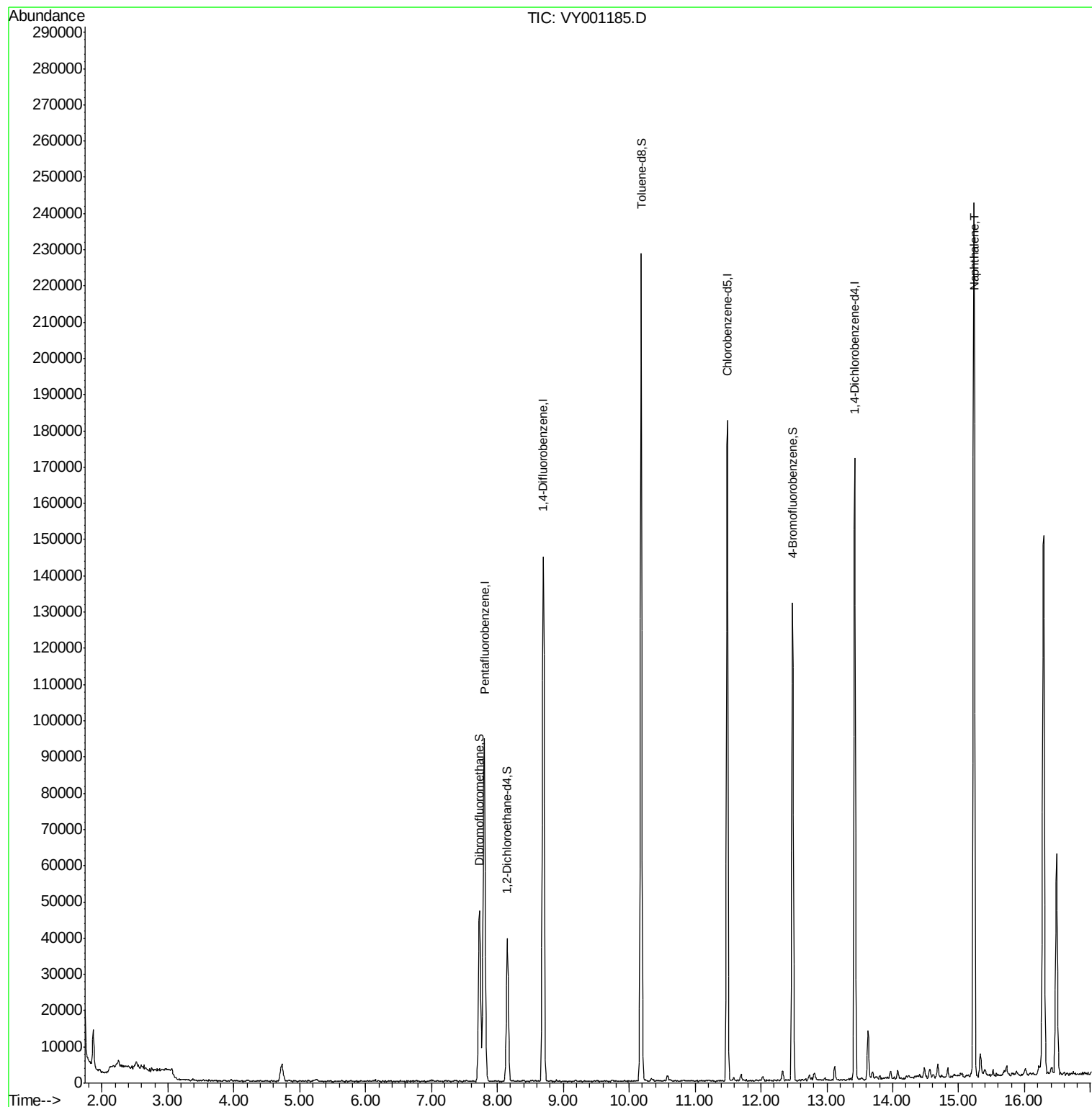
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	76009	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	128290	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	100418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	41999	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	29394	36.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.22%	
35) Dibromofluoromethane	7.73	113	33905	45.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.28%	
50) Toluene-d8	10.18	98	146019	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	
62) 4-Bromofluorobenzene	12.48	95	43919	37.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.24%	
Target Compounds						
95) Naphthalene	15.23	128	202209	107.507	ug/l	Qvalue 99

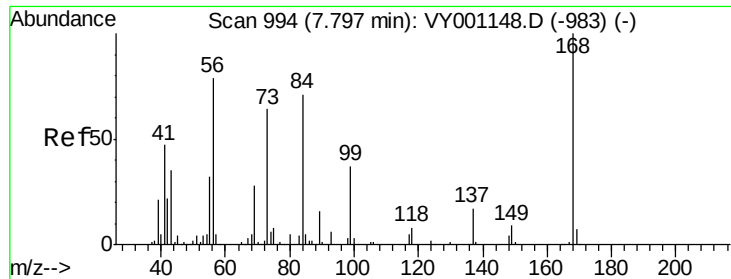
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY011320\
Data File : VY001185.D
Acq On : 13 Jan 2020 17:15
Operator : SY/MD
Sample : L1004-04
Misc : 7.13G/5ML/MSVOA Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BU-RO-234

Quant Time: Jan 14 11:22:28 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# 995

Delta R.T. 0.01 min

Lab File: VY001185.D

Acq: 13 Jan 2020 17:15

Instrument :

MSVOA_Y

ClientSampleId :

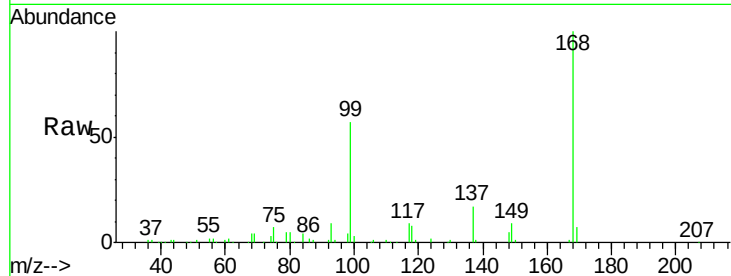
BU-RO-234

Tot Ion:168 Resp: 76009

Ion Ratio Lower Upper

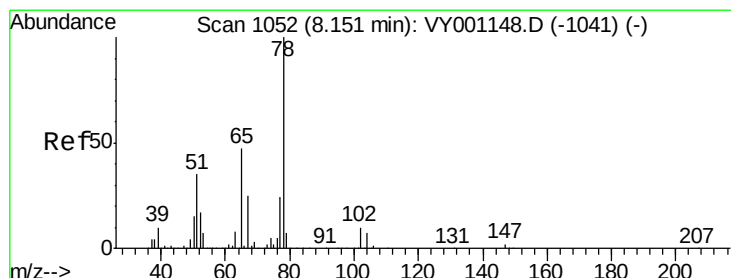
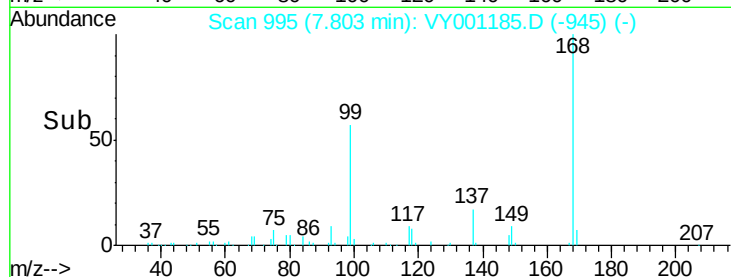
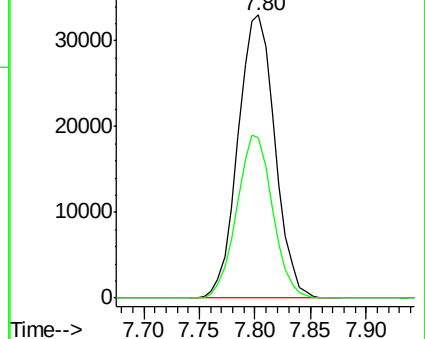
168 100

99 56.7 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001185.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY001185.D (-945) (-)



#33

1,2-Dichloroethane-d4

Concen: 36.615 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY001185.D

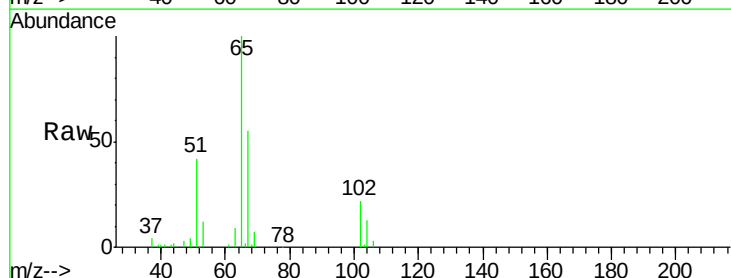
Acq: 13 Jan 2020 17:15

Tgt Ion: 65 Resp: 29394

Ion Ratio Lower Upper

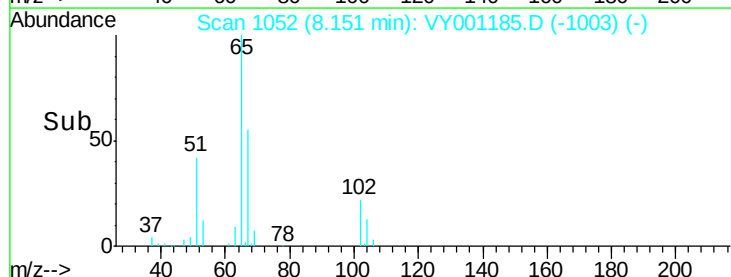
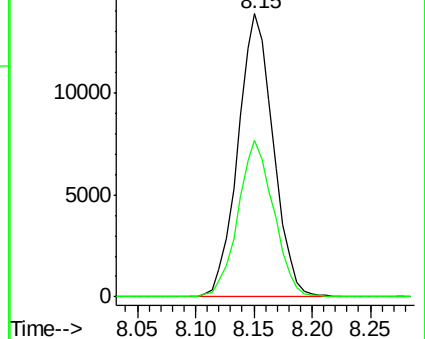
65 100

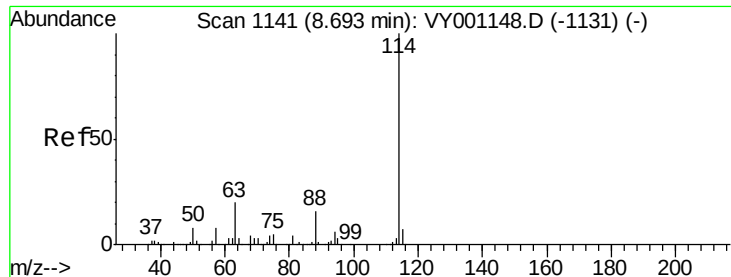
67 55.6 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY001185.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY001185.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: VY001185.D

Acq: 13 Jan 2020 17:15

Instrument :

MSVOA_Y

ClientSampleId :

BU-RO-234

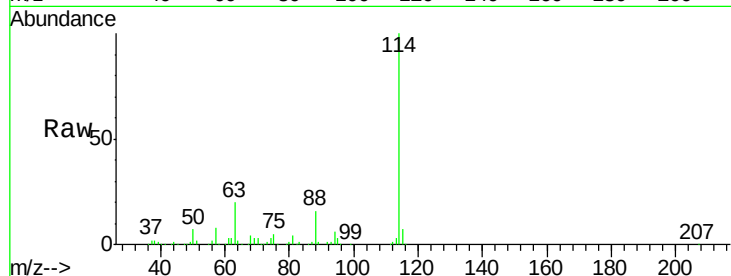
Tot Ion:114 Resp: 128290

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.8

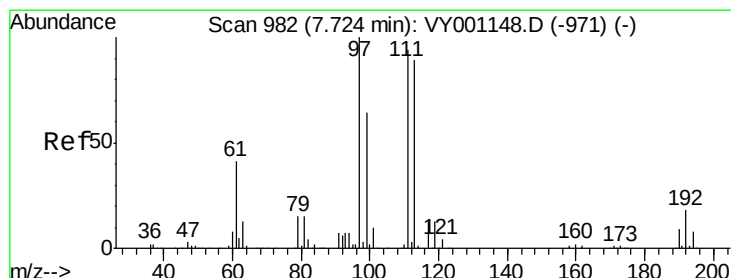
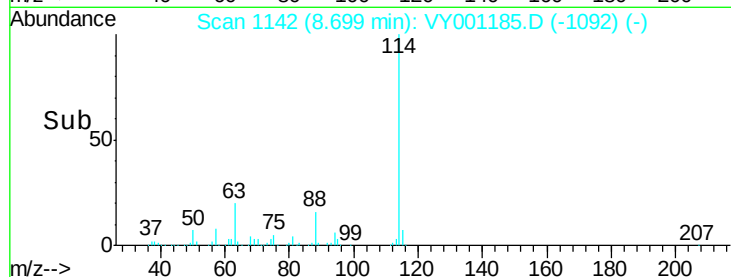
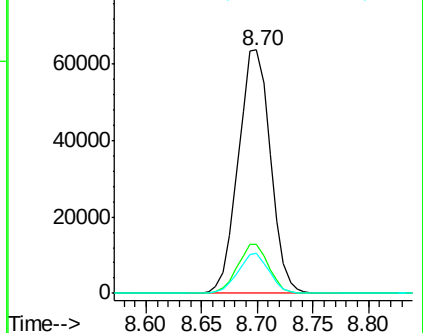
88 16.3 0.0 32.4



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: 45.138 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001185.D

Acq: 13 Jan 2020 17:15

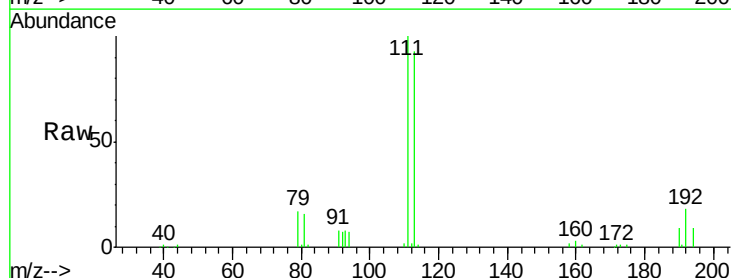
Tgt Ion:113 Resp: 33905

Ion Ratio Lower Upper

113 100

111 103.1 82.9 124.3

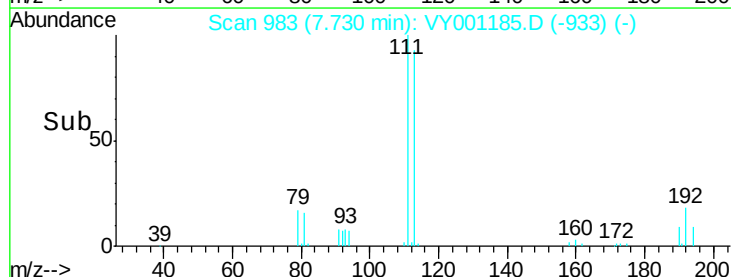
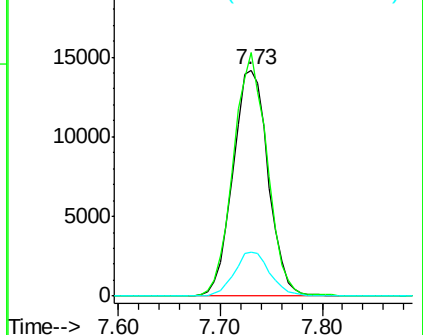
192 19.4 15.4 23.2

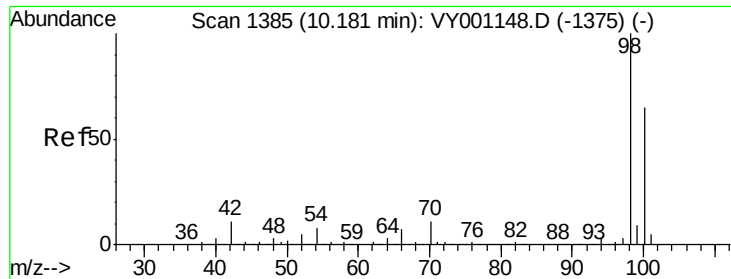


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.452 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001185.D

Acq: 13 Jan 2020 17:15

Instrument :

MSVOA_Y

ClientSampleId :

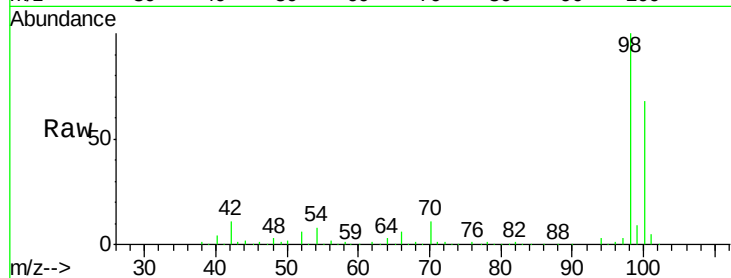
BU-RO-234

Tot Ion: 98 Resp: 146019

Ion Ratio Lower Upper

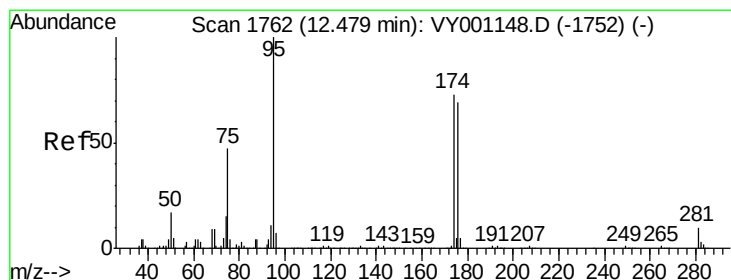
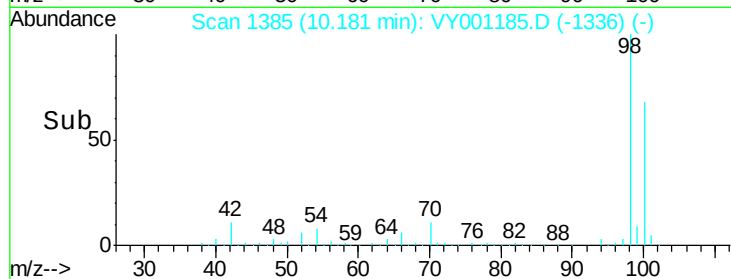
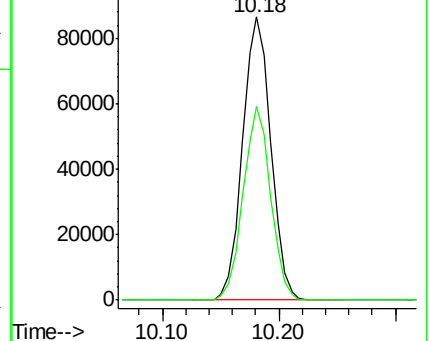
98 100

100 66.4 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY001185.D (-1375) (-)

Ion 100.00 (99.70 to 100.70): VY001185.D (-1375) (-)



#62

4-Bromofluorobenzene

Concen: 37.117 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY001185.D

Acq: 13 Jan 2020 17:15

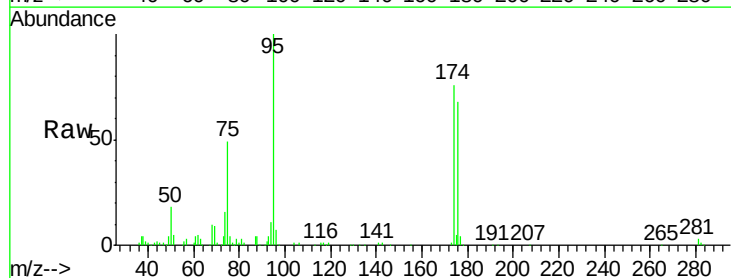
Tgt Ion: 95 Resp: 43919

Ion Ratio Lower Upper

95 100

174 77.2 0.0 143.2

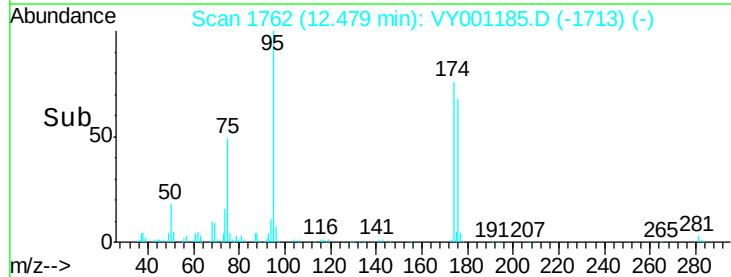
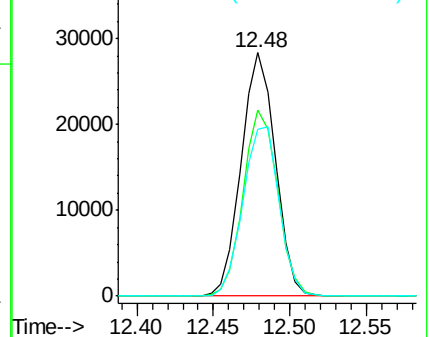
176 73.9 0.0 136.0

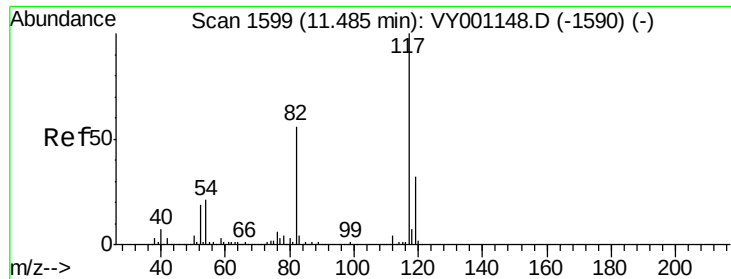


Abundance Ion 94.90 (94.60 to 95.60): VY001185.D (-1713) (-)

Ion 173.80 (173.50 to 174.50): VY001185.D (-1713) (-)

Ion 175.80 (175.50 to 176.50): VY001185.D (-1713) (-)

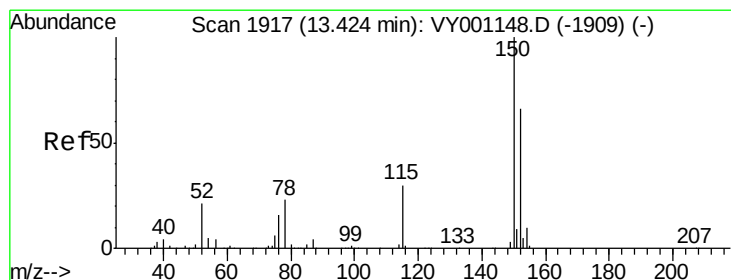
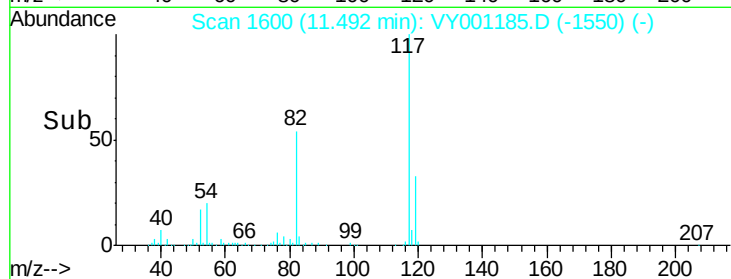
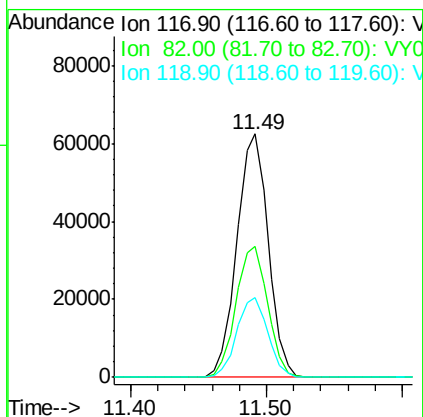
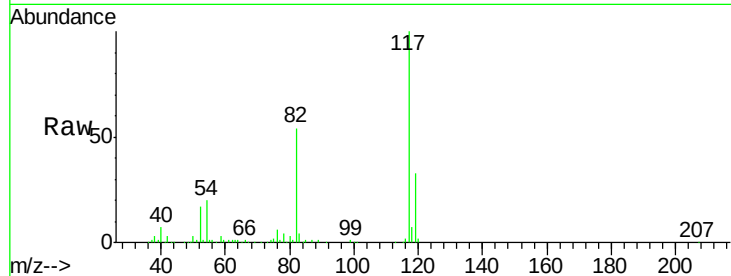




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001185.D
Acq: 13 Jan 2020 17:15

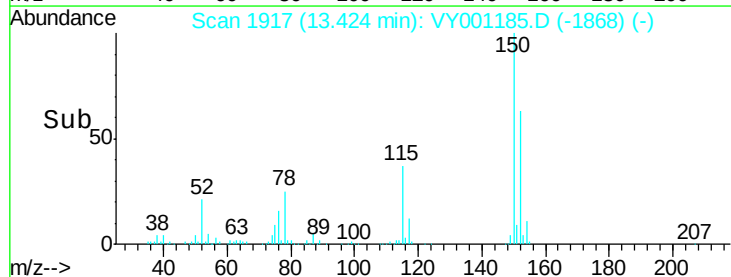
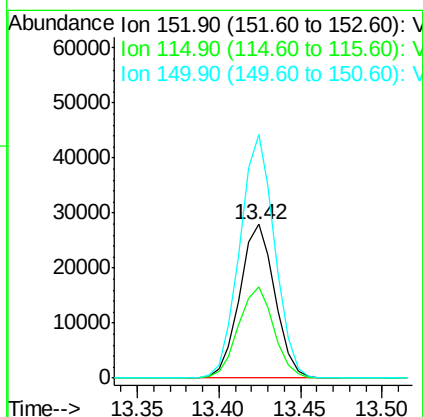
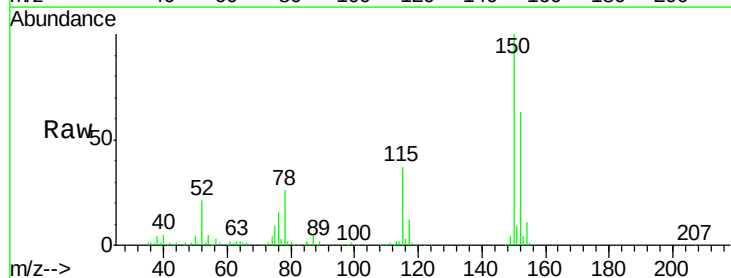
Instrument :
MSVOA_Y
ClientSampleId :
BU-RO-234

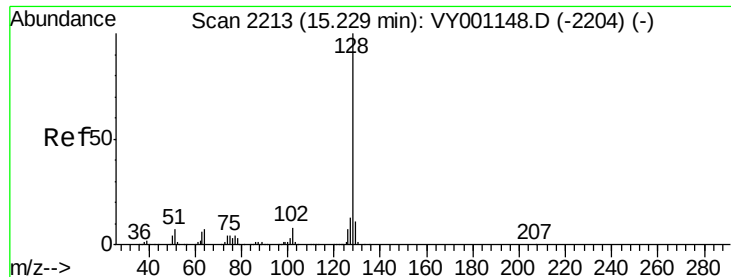
Tot Ion:117 Resp: 100418
Ion Ratio Lower Upper
117 100
82 53.6 44.9 67.3
119 32.8 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY001185.D
Acq: 13 Jan 2020 17:15

Tgt Ion:152 Resp: 41999
Ion Ratio Lower Upper
152 100
115 59.3 30.9 92.5
150 156.9 0.0 346.8

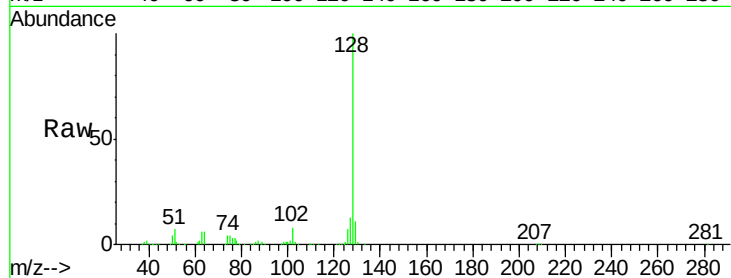




#95
Naphthalene
Concen: 107.507 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY001185.D
Acq: 13 Jan 2020 17:15

Instrument :
MSVOA_Y
ClientSampleId :
BU-RO-234

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.4
129	11.0	8.5	12.7



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

