

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021220\
 Data File : VY001609.D
 Acq On : 12 Feb 2020 12:30
 Operator : SY/MD
 Sample : VY0212SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0212SBL01

Quant Time: Feb 13 07:57:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	171604	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	304910	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	276008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	122763	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	97729	56.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.12%	
35) Dibromofluoromethane	7.74	113	91653	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
50) Toluene-d8	10.19	98	369176	55.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.00%	
62) 4-Bromofluorobenzene	12.49	95	125711	47.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.94%	

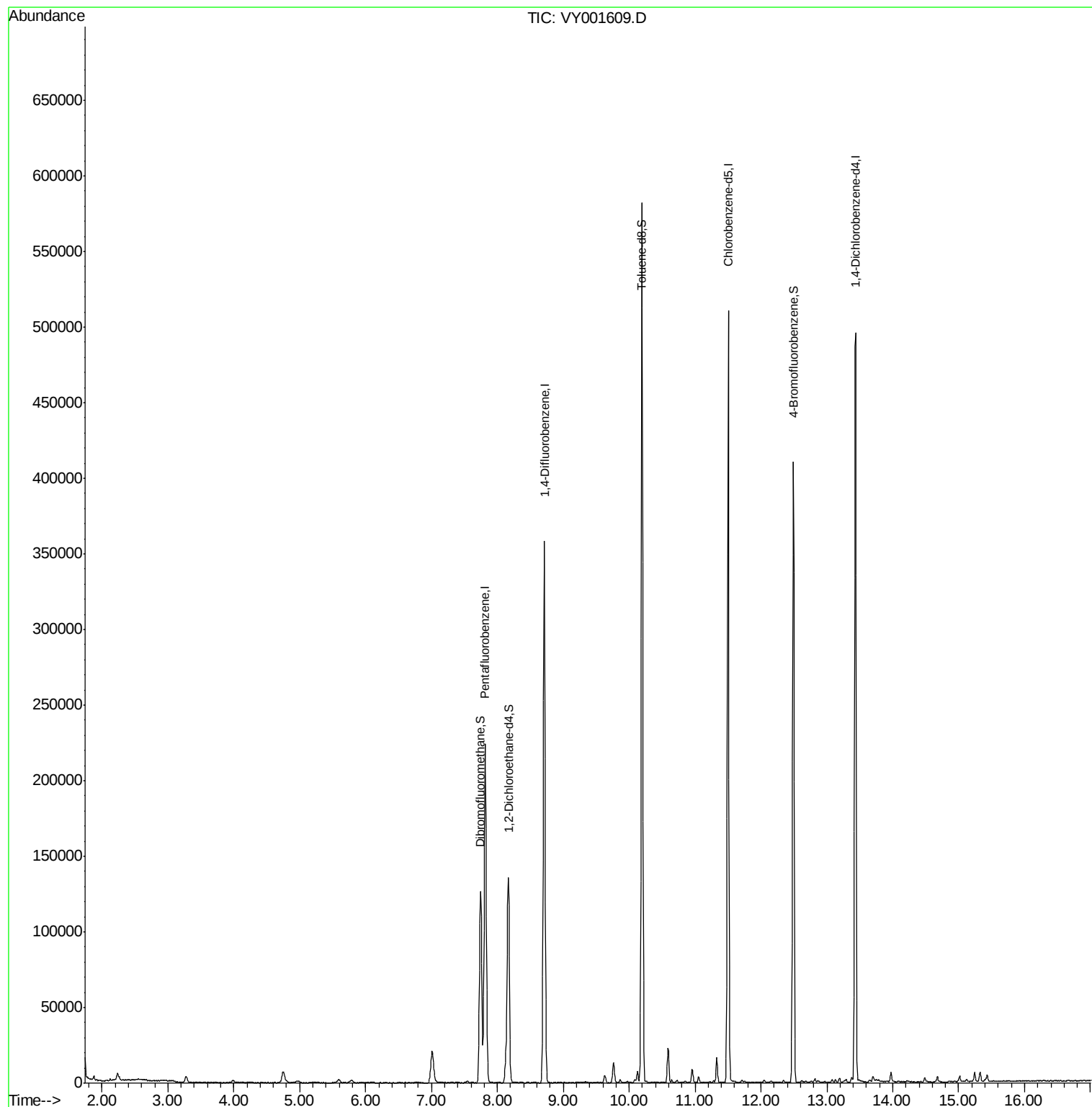
Target Compounds	Qvalue

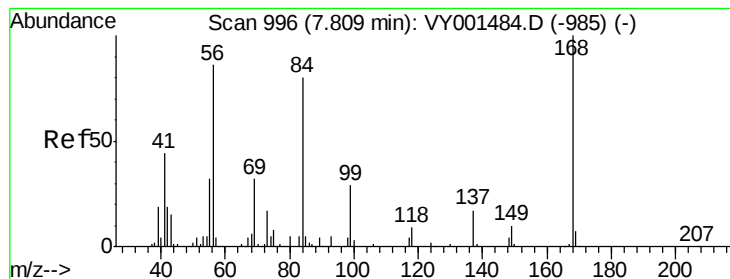
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY021220\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001609.D

Acq: 12 Feb 2020 12:30

Instrument :

MSVOA_Y

ClientSampleId :

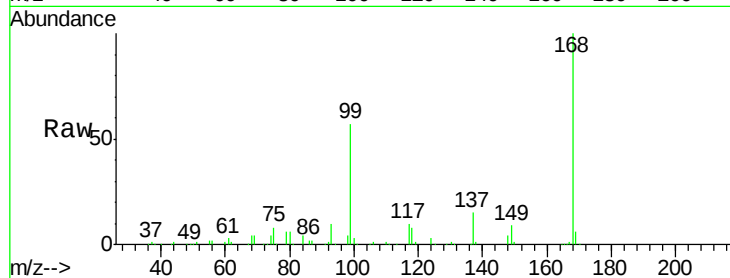
VY0212SBL01

Tot Ion:168 Resp: 171604

Ion Ratio Lower Upper

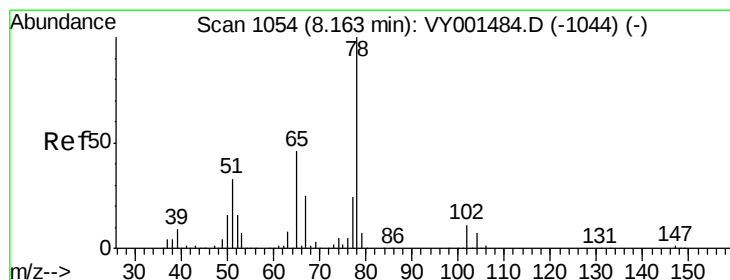
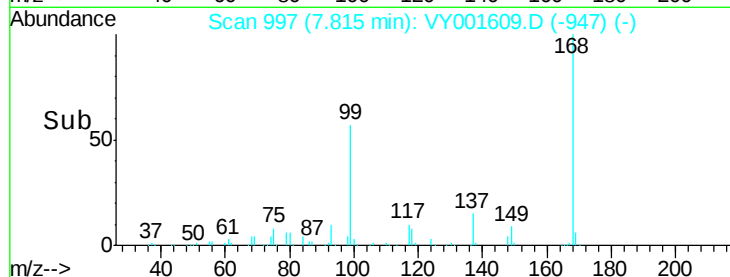
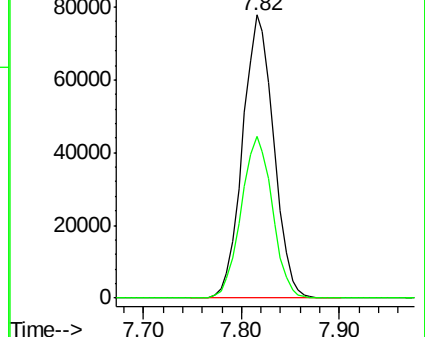
168 100

99 57.0 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001484.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY001484.D (-985) (-)



#33

1,2-Dichloroethane-d4

Concen: 56.563 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY001609.D

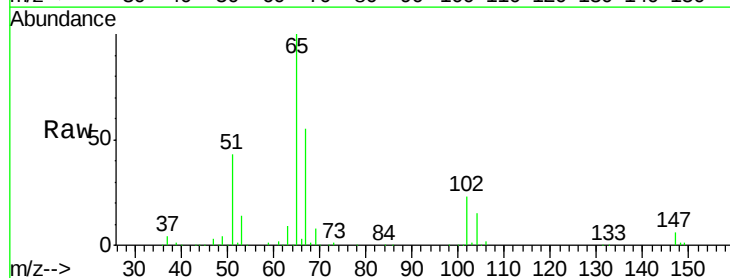
Acq: 12 Feb 2020 12:30

Tgt Ion: 65 Resp: 97729

Ion Ratio Lower Upper

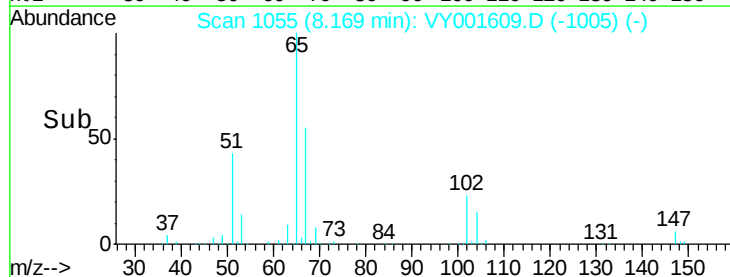
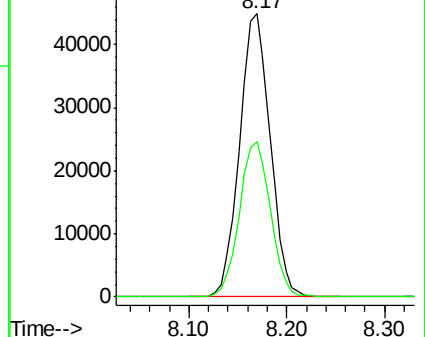
65 100

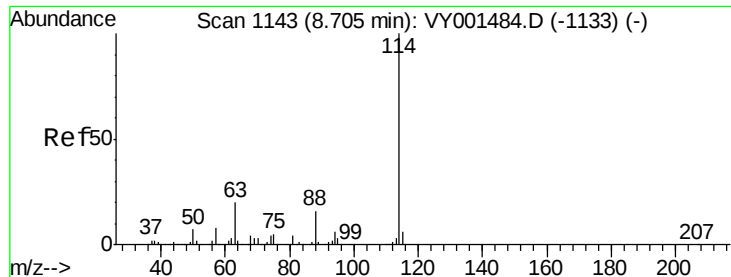
67 55.3 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001484.D (-1044) (-)

Ion 66.90 (66.60 to 67.60): VY001484.D (-1044) (-)

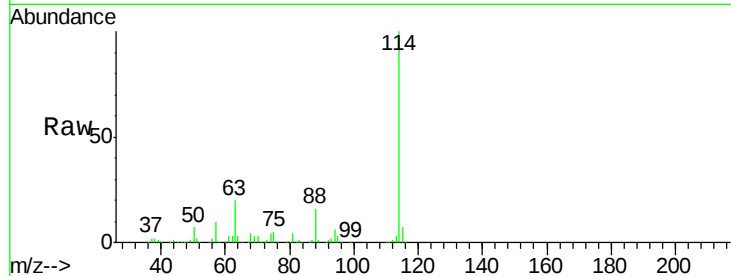




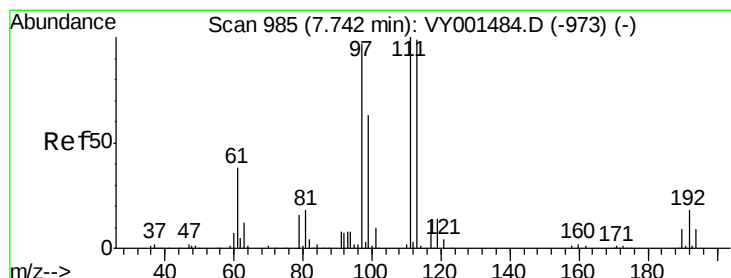
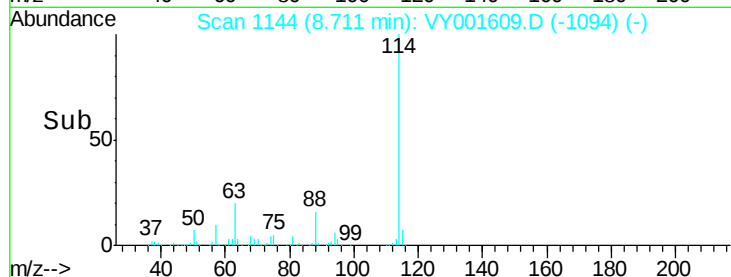
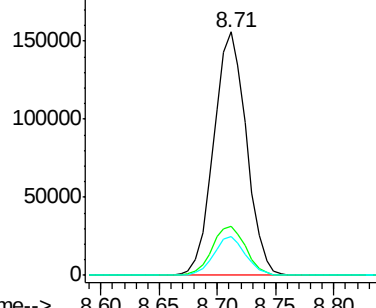
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY001609.D
 Acq: 12 Feb 2020 12:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0212SBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	39.8
88	16.1	0.0	32.6

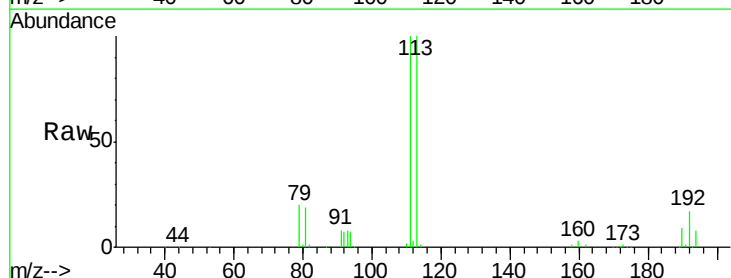


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

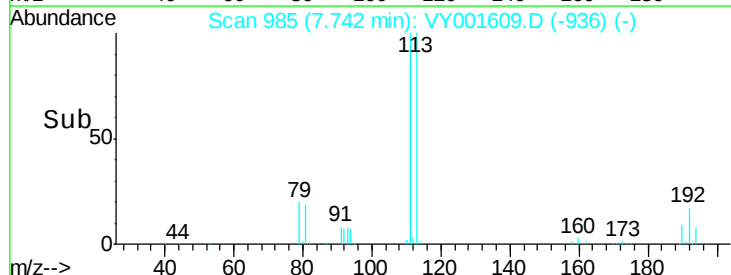
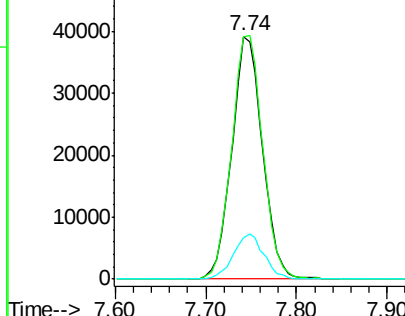


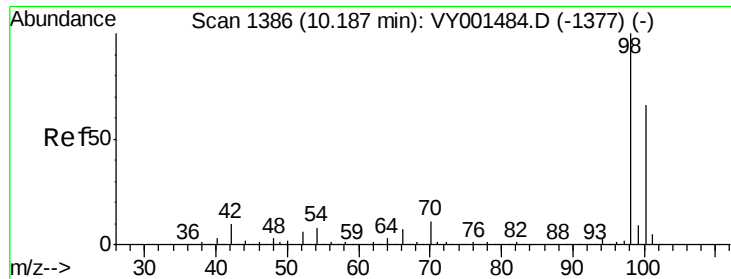
#35
 Dibromofluoromethane
 Concen: 52.127 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: VY001609.D
 Acq: 12 Feb 2020 12:30

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.9	124.3
192	18.5	14.6	22.0



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: 55.496 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001609.D

Acq: 12 Feb 2020 12:30

Instrument :

MSVOA_Y

ClientSampleId :

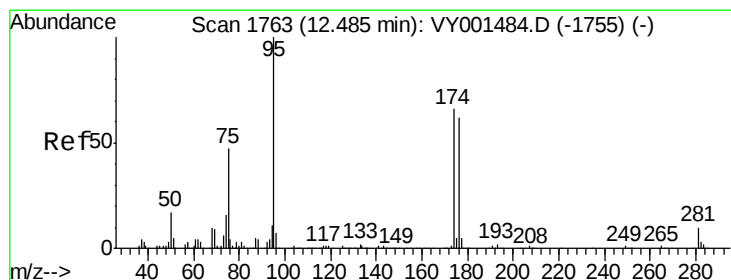
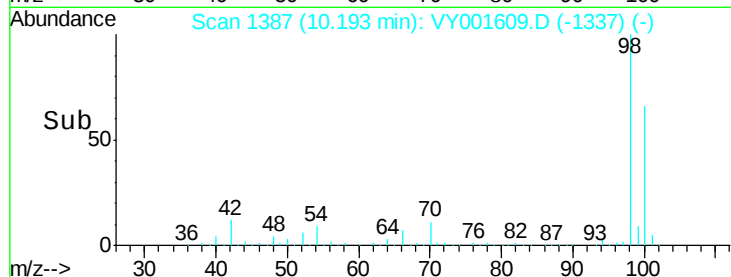
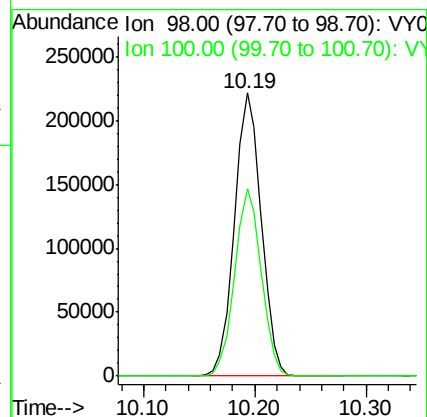
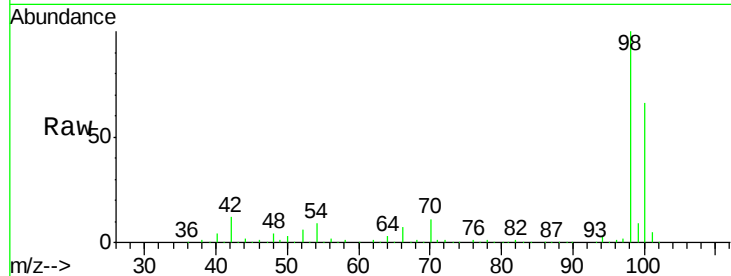
VY0212SBL01

Tot Ion: 98 Resp: 369176

Ion Ratio Lower Upper

98 100

100 65.5 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 47.970 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001609.D

Acq: 12 Feb 2020 12:30

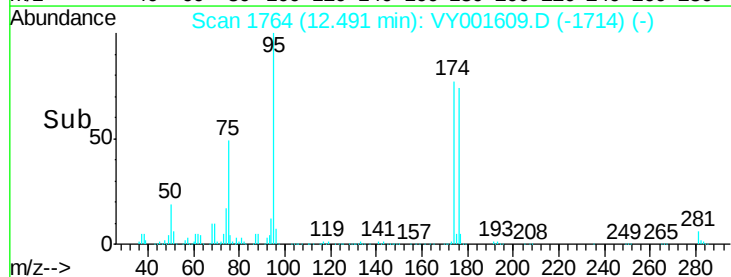
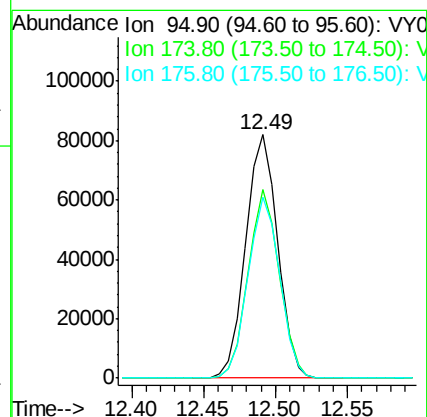
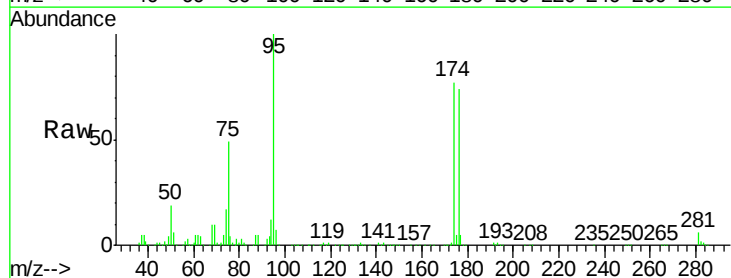
Tgt Ion: 95 Resp: 125711

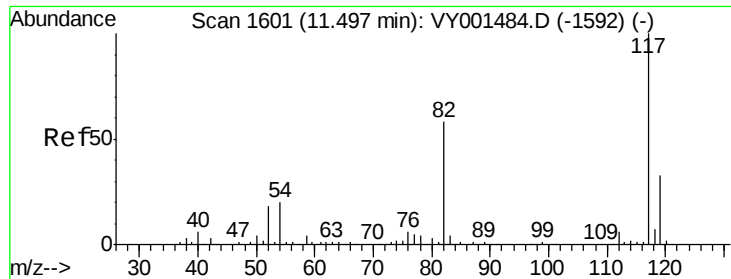
Ion Ratio Lower Upper

95 100

174 75.5 0.0 141.4

176 73.6 0.0 135.4

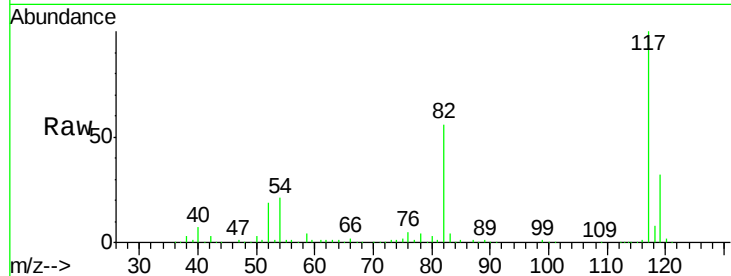




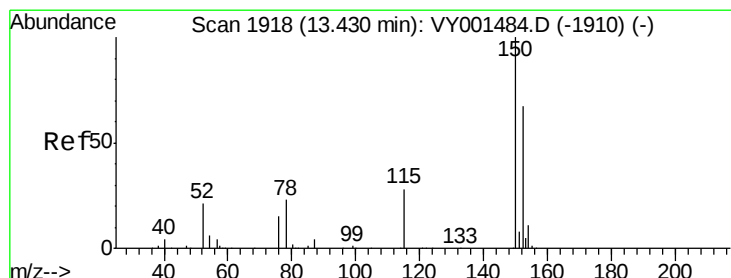
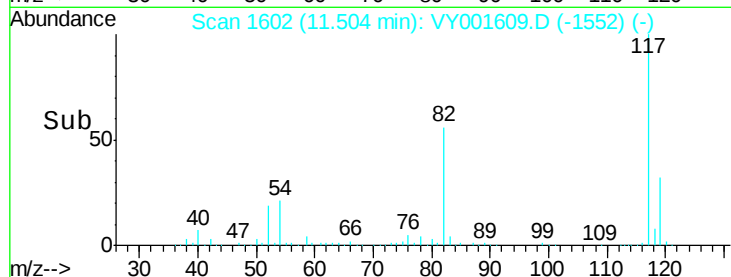
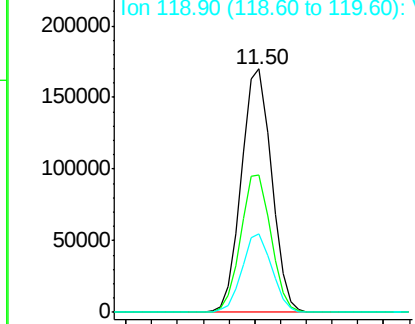
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001609.D
Acq: 12 Feb 2020 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBL01

Tot Ion:117 Resp: 276008
Ion Ratio Lower Upper
117 100
82 56.4 46.1 69.1
119 32.1 26.1 39.1

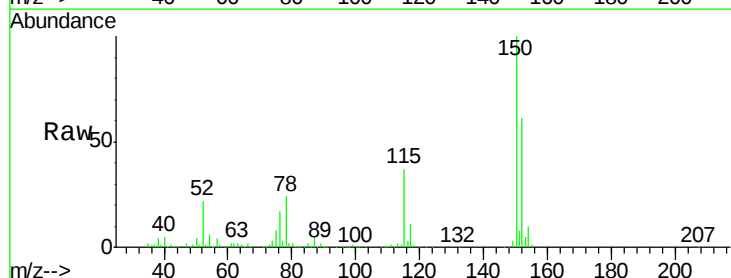


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001609.D
Acq: 12 Feb 2020 12:30

Tgt Ion:152 Resp: 122763
Ion Ratio Lower Upper
152 100
115 60.3 31.4 94.3
150 158.4 0.0 346.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

