

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020420\
 Data File : VY001488.D
 Acq On : 04 Feb 2020 15:54
 Operator : SY/MD
 Sample : VY0204SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0204SBL01

Quant Time: Feb 04 16:18:27 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	7.80	168	186759	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	345002	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	311585	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	144699	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	110854	58.95	ug/l	0.00
Spiked Amount						
			Recovery	=	117.90%	
35) Dibromofluoromethane	7.74	113	104257	52.41	ug/l	0.00
Spiked Amount						
			Recovery	=	104.82%	
50) Toluene-d8	10.19	98	399218	53.04	ug/l	0.00
Spiked Amount						
			Recovery	=	106.08%	
62) 4-Bromofluorobenzene	12.49	95	155148	52.32	ug/l	0.00
Spiked Amount						
			Recovery	=	104.64%	

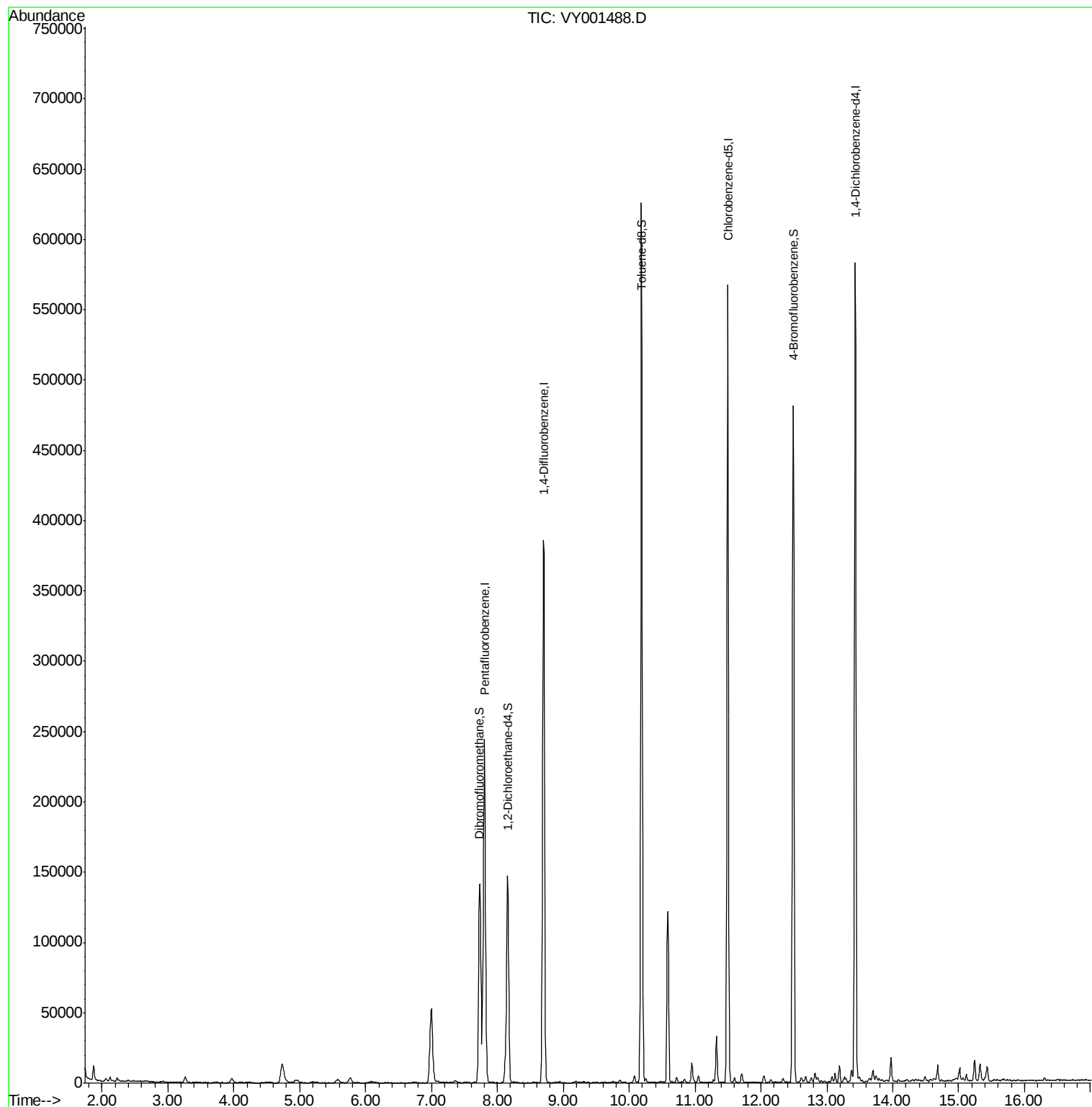
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001488.D

Acq: 04 Feb 2020 15:54

Instrument :

MSVOA_Y

ClientSampleId :

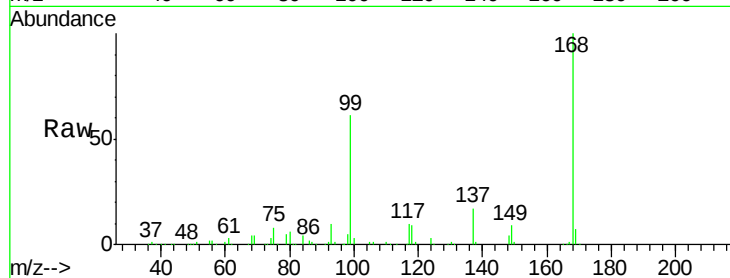
VY0204SBL01

Tot Ion:168 Resp: 186759

Ion Ratio Lower Upper

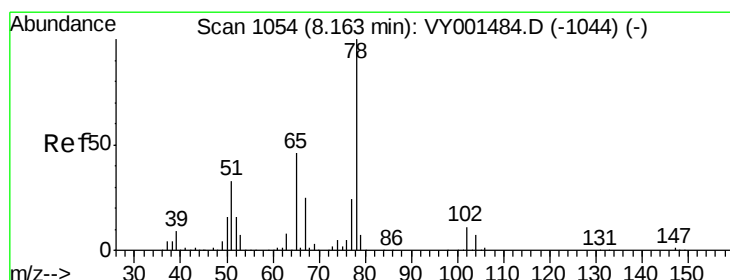
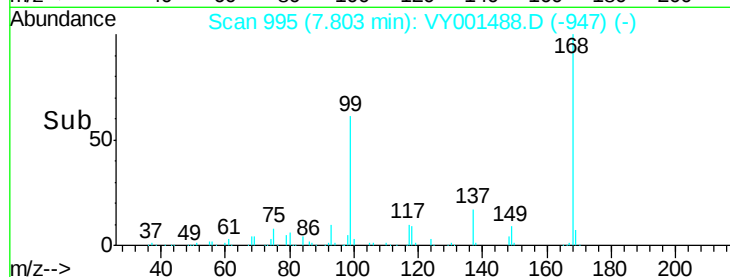
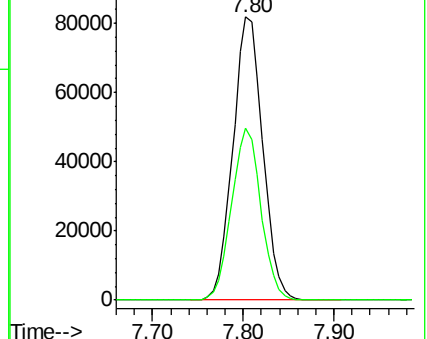
168 100

99 60.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001488.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY001488.D (-985) (-)



#33

1,2-Dichloroethane-d4

Concen: 58.953 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY001488.D

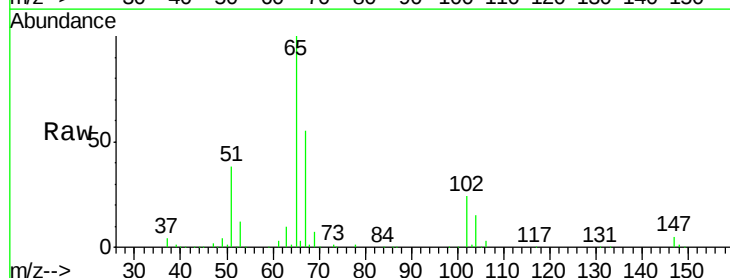
Acq: 04 Feb 2020 15:54

Tgt Ion: 65 Resp: 110854

Ion Ratio Lower Upper

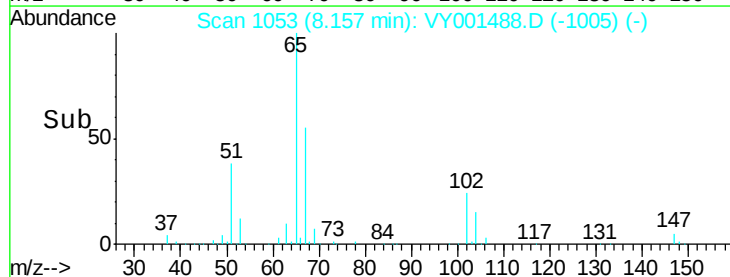
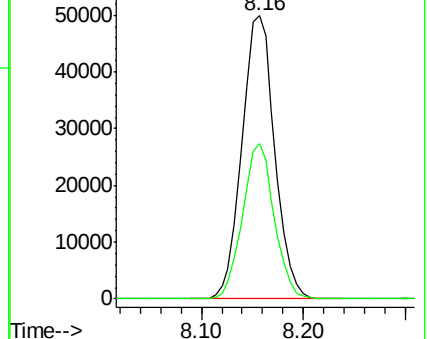
65 100

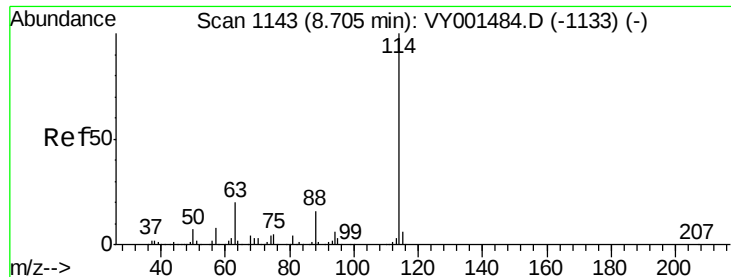
67 53.2 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001488.D (-1005) (-)

Ion 66.90 (66.60 to 67.60): VY001488.D (-1005) (-)

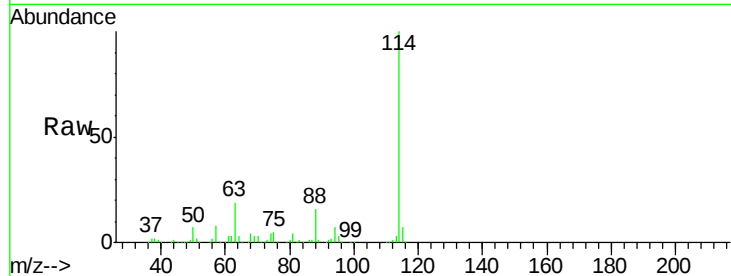




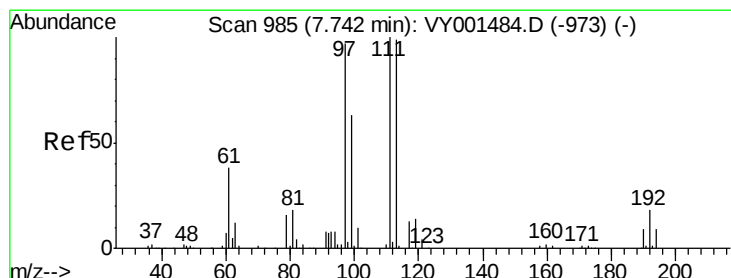
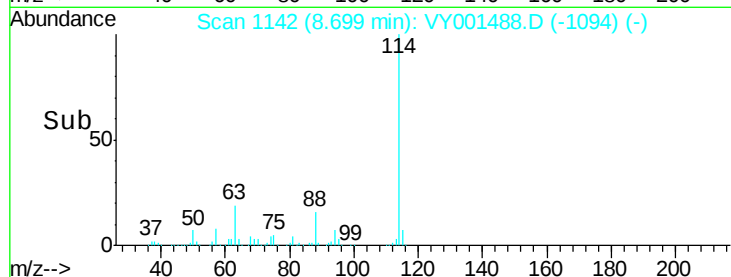
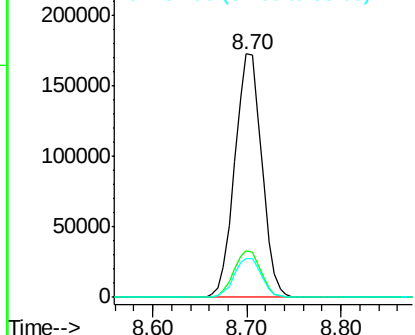
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY001488.D
 Acq: 04 Feb 2020 15:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0204SBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	39.8
88	16.0	0.0	32.6

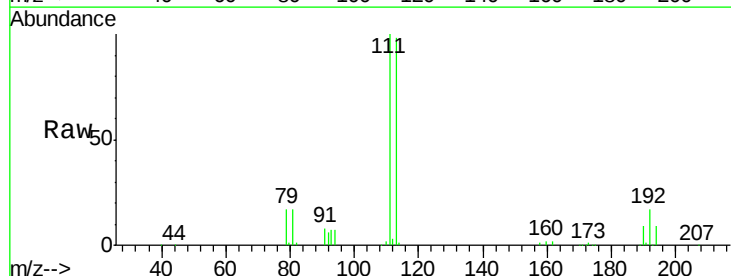


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

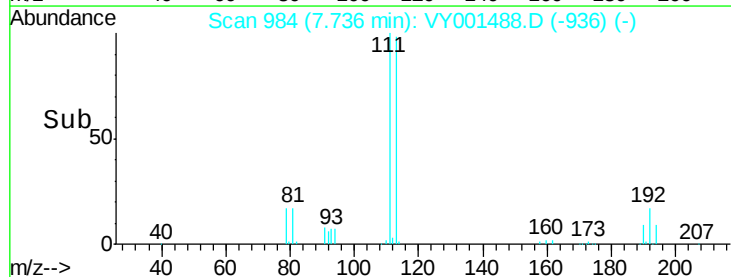
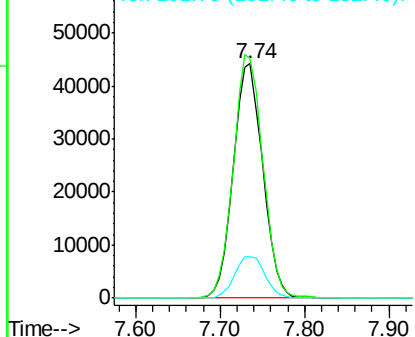


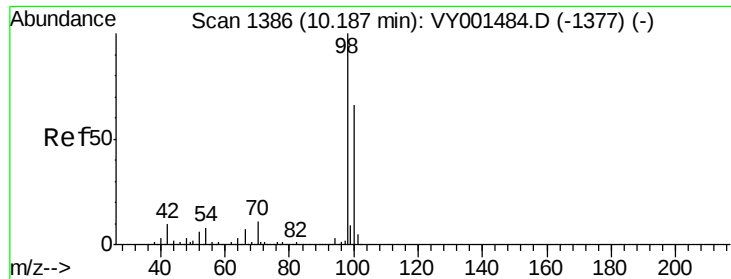
#35
 Dibromofluoromethane
 Concen: 52.405 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: VY001488.D
 Acq: 04 Feb 2020 15:54

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.9	124.3
192	18.4	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: 53.039 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY001488.D

Acq: 04 Feb 2020 15:54

Instrument :

MSVOA_Y

ClientSampleId :

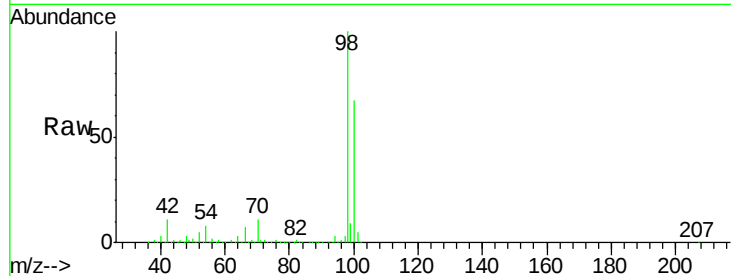
VY0204SBL01

Tot Ion: 98 Resp: 399218

Ion Ratio Lower Upper

98 100

100 66.3 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

10.19

250000

200000

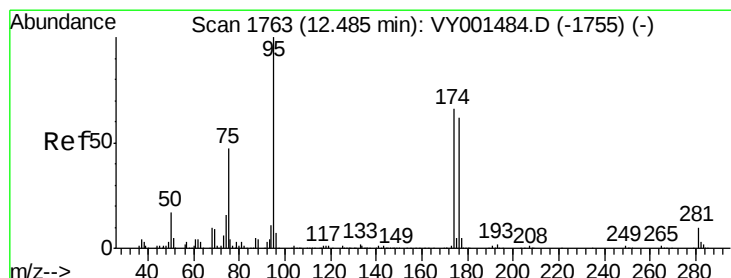
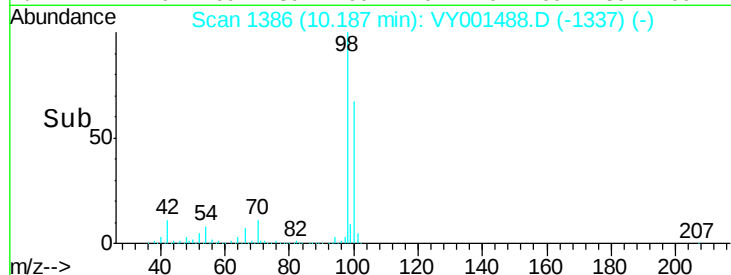
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.323 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY001488.D

Acq: 04 Feb 2020 15:54

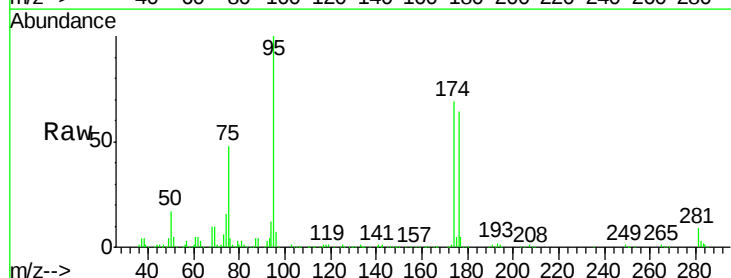
Tgt Ion: 95 Resp: 155148

Ion Ratio Lower Upper

95 100

174 71.9 0.0 141.4

176 69.5 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

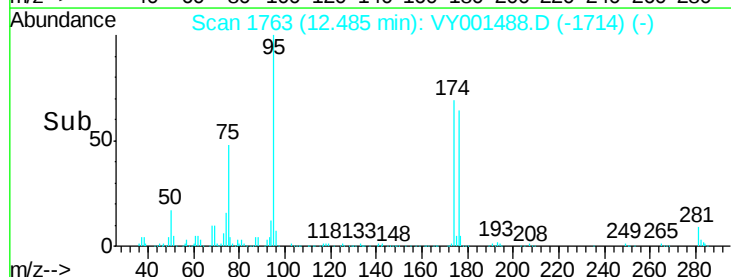
12.49

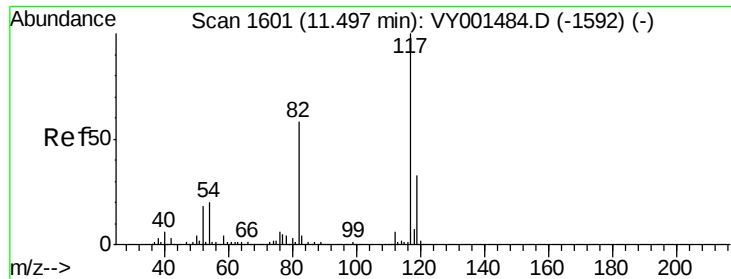
100000

50000

0

Time-->

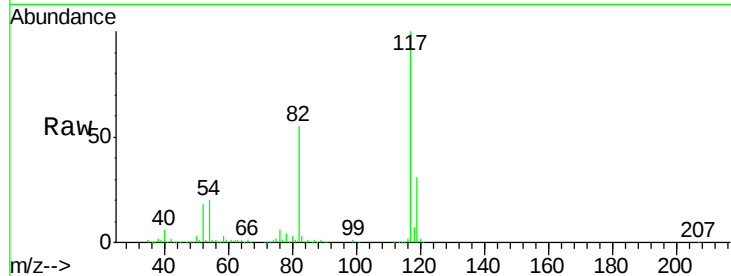




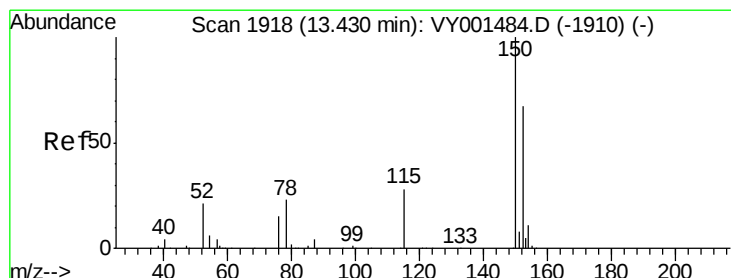
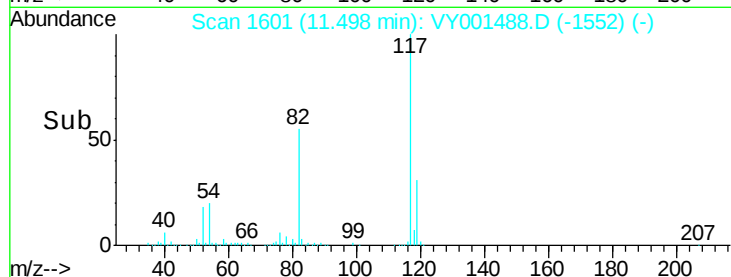
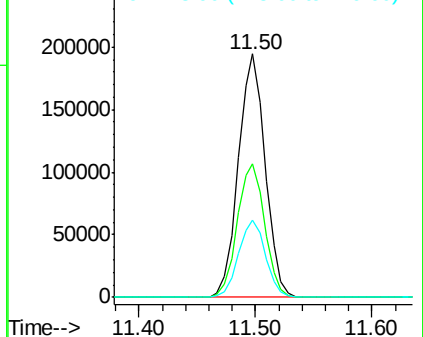
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY001488.D
Acq: 04 Feb 2020 15:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0204SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	46.1	69.1
119	31.5	26.1	39.1

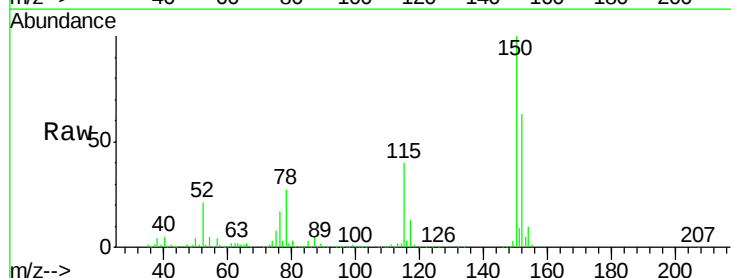


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY001488.D
Acq: 04 Feb 2020 15:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.2	31.4	94.3
150	157.6	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

