

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022120\
 Data File : VY001745.D
 Acq On : 21 Feb 2020 16:11
 Operator : SY/MD
 Sample : L1623-10
 Misc : 6.22G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB10-13-13.5

Quant Time: Feb 22 04:33:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	155956	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	293108	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	256790	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	112773	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	96743	57.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.34%	
35) Dibromofluoromethane	7.75	113	84611	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
50) Toluene-d8	10.20	98	349893	53.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.40%	
62) 4-Bromofluorobenzene	12.49	95	117665	46.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.10%	

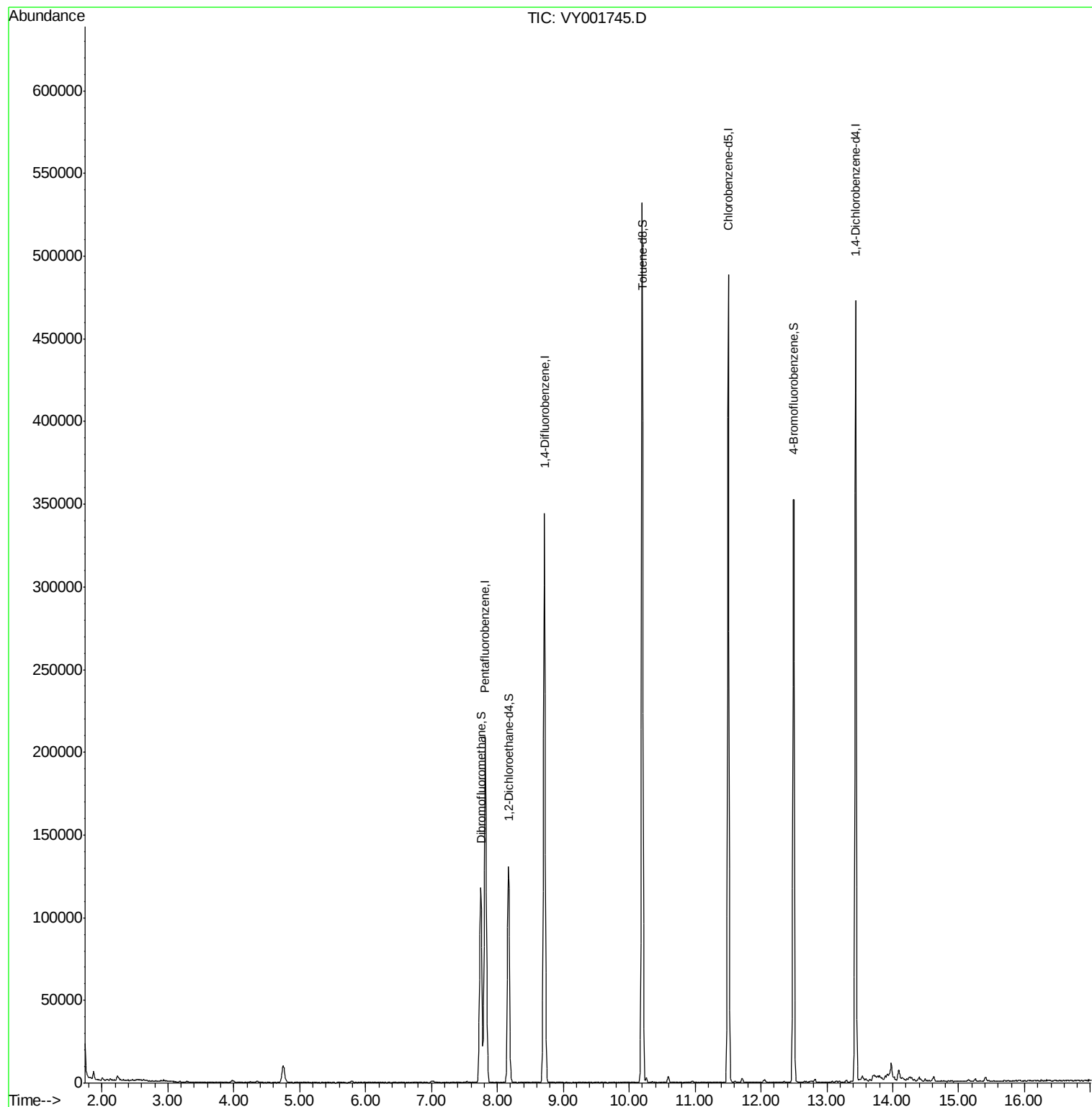
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001745.D

Acq: 21 Feb 2020 16:11

Instrument :

MSVOA_Y

ClientSampleId :

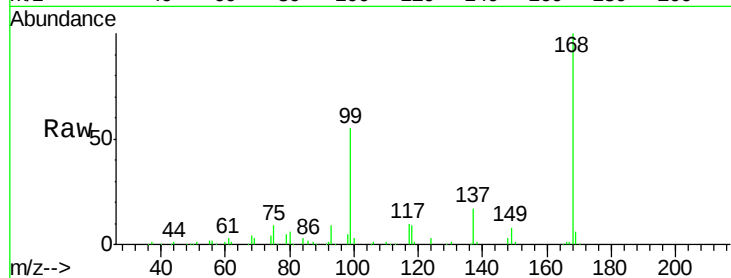
SB10-13-13.5

Tot Ion:168 Resp: 155956

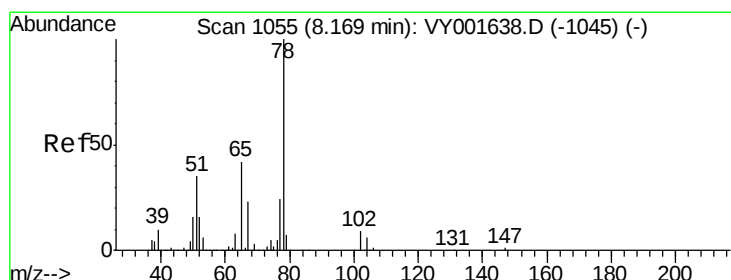
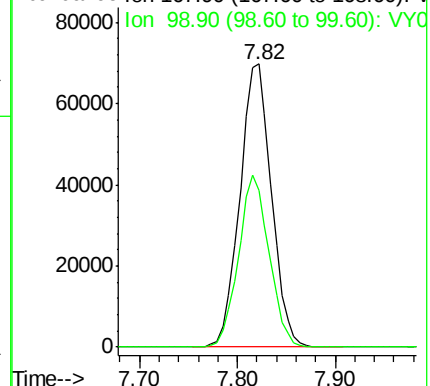
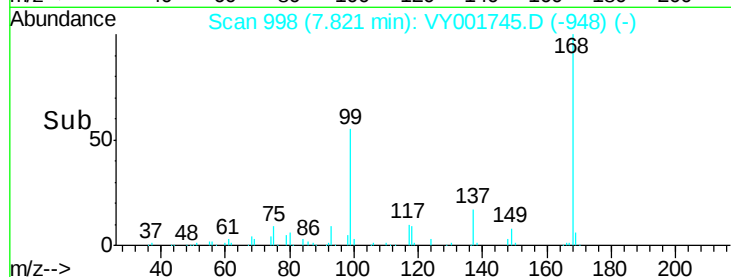
Ion Ratio Lower Upper

168 100

99 55.4 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001745.D (-948) (-)



#33

1,2-Dichloroethane-d4

Concen: 57.670 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.00 min

Lab File: VY001745.D

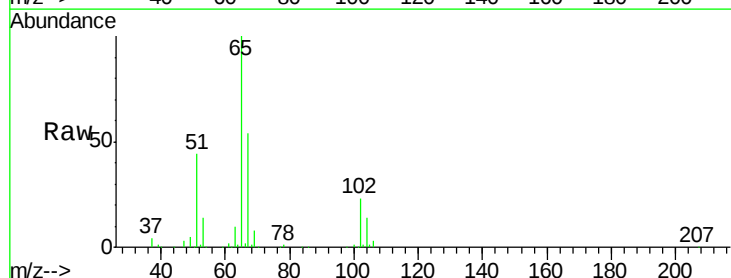
Acq: 21 Feb 2020 16:11

Tgt Ion: 65 Resp: 96743

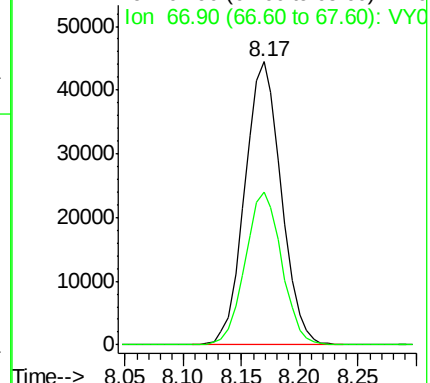
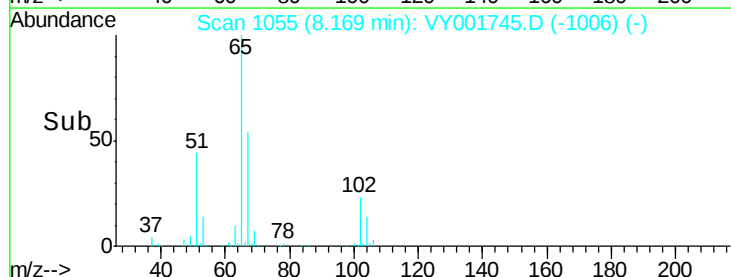
Ion Ratio Lower Upper

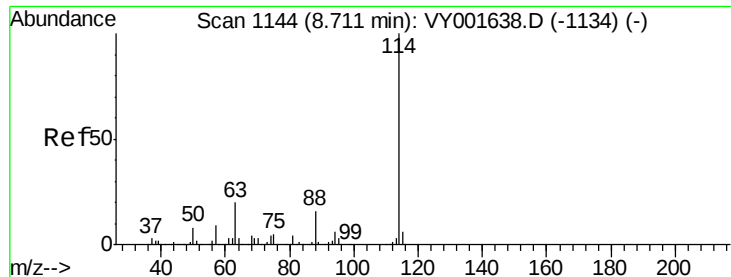
65 100

67 54.0 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001745.D (-1006) (-)

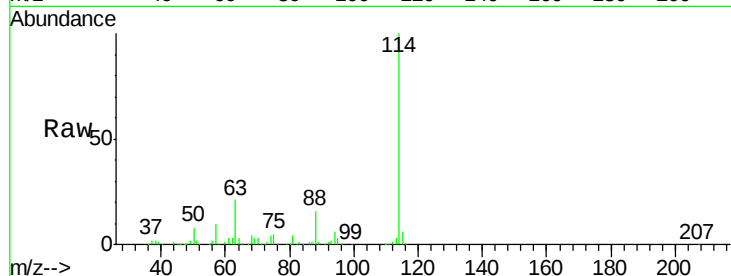




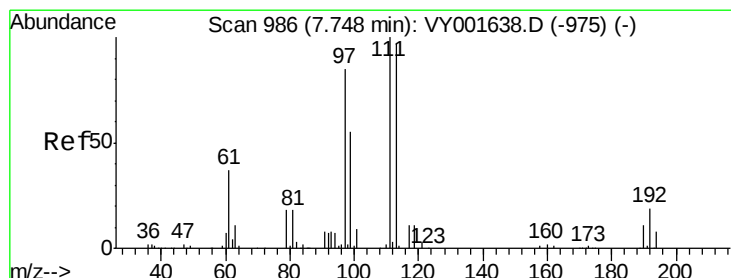
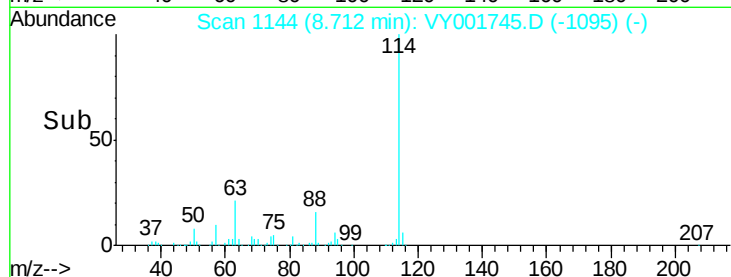
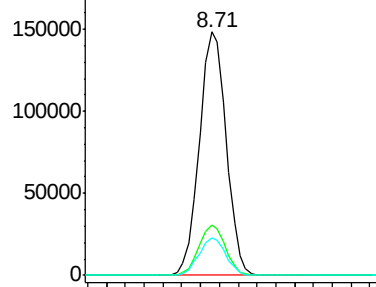
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VY001745.D
 Acq: 21 Feb 2020 16:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB10-13-13.5

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	41.4
88	15.7	0.0	32.8

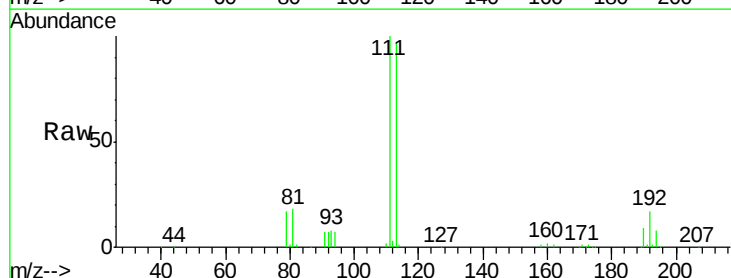


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

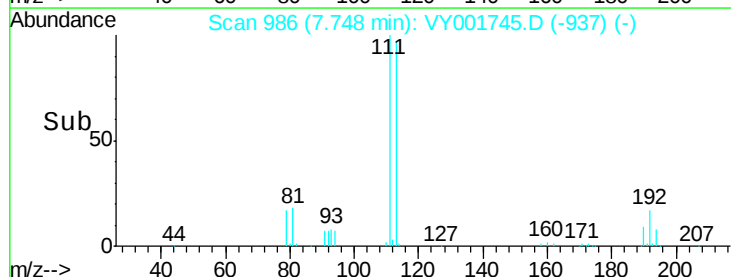
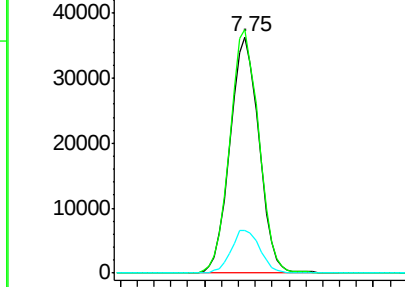


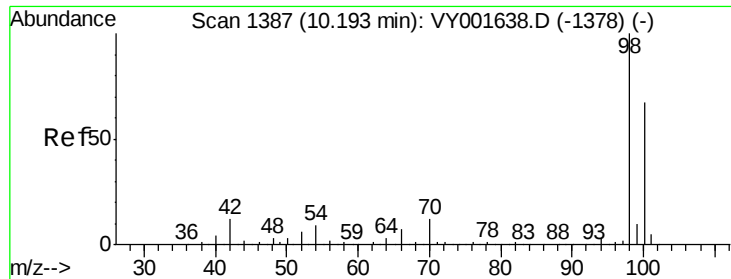
#35
 Dibromofluoromethane
 Concen: 50.400 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: VY001745.D
 Acq: 21 Feb 2020 16:11

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.9	122.9
192	18.1	14.3	21.5



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: 53.199 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001745.D

Acq: 21 Feb 2020 16:11

Instrument :

MSVOA_Y

ClientSampleId :

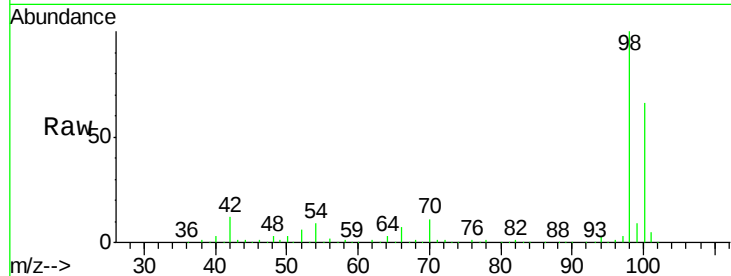
SB10-13-13.5

Tot Ion: 98 Resp: 349893

Ion Ratio Lower Upper

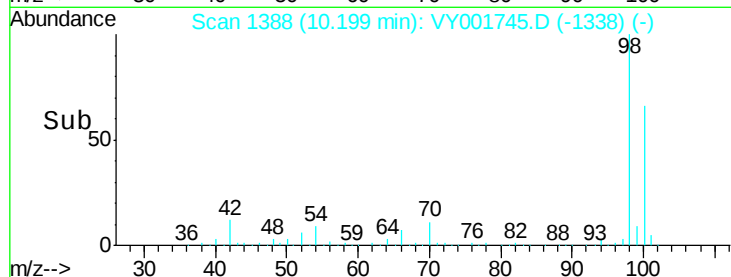
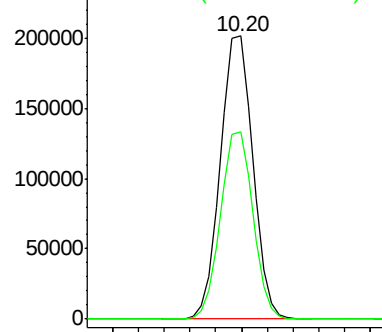
98 100

100 65.9 53.0 79.4

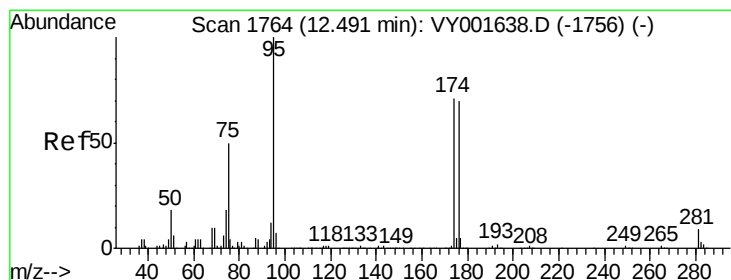


Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



Time-->



#62

4-Bromofluorobenzene

Concen: 46.051 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001745.D

Acq: 21 Feb 2020 16:11

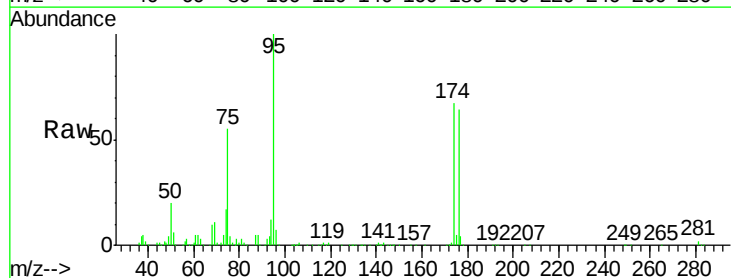
Tgt Ion: 95 Resp: 117665

Ion Ratio Lower Upper

95 100

174 71.9 0.0 138.4

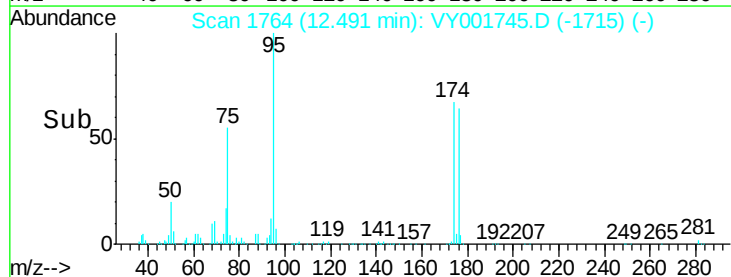
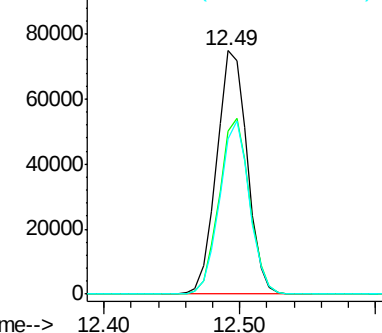
176 69.6 0.0 131.8



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



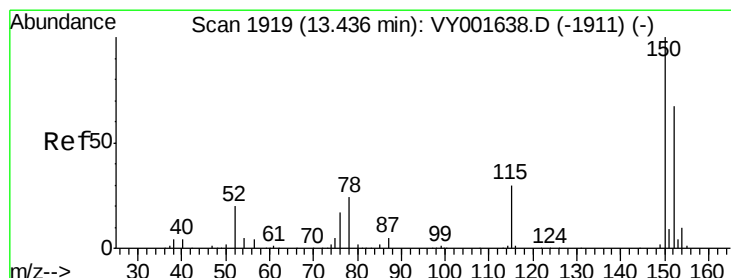
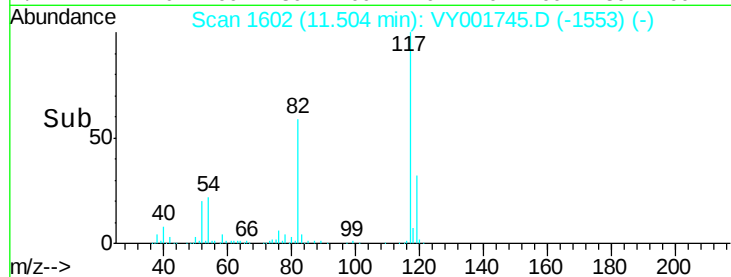
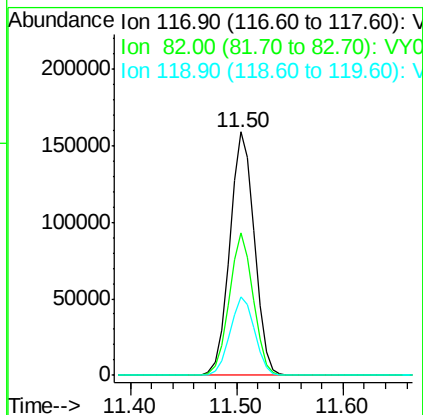
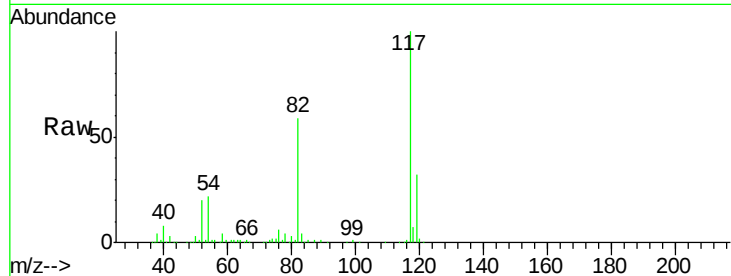
Time-->



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001745.D
Acq: 21 Feb 2020 16:11

Instrument :
MSVOA_Y
ClientSampleId :
SB10-13-13.5

Tot Ion:117 Resp: 256790
Ion Ratio Lower Upper
117 100
82 58.7 45.5 68.3
119 32.2 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY001745.D
Acq: 21 Feb 2020 16:11

Tgt Ion:152 Resp: 112773
Ion Ratio Lower Upper
152 100
115 61.4 31.4 94.2
150 156.1 0.0 407.2

