

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020620\
 Data File : VY001543.D
 Acq On : 06 Feb 2020 19:54
 Operator : SY/MD
 Sample : L1403-01
 Misc : 9.48G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1-13-13.5

Quant Time: Feb 07 05:39:18 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	164420	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	301680	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	283373	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	138058	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	102589	61.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.94%	
35) Dibromofluoromethane	7.75	113	89396	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	
50) Toluene-d8	10.20	98	356860	54.22	ug/l	0.01
Spiked Amount	50.000		Recovery	=	108.44%	
62) 4-Bromofluorobenzene	12.49	95	137623	53.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.16%	

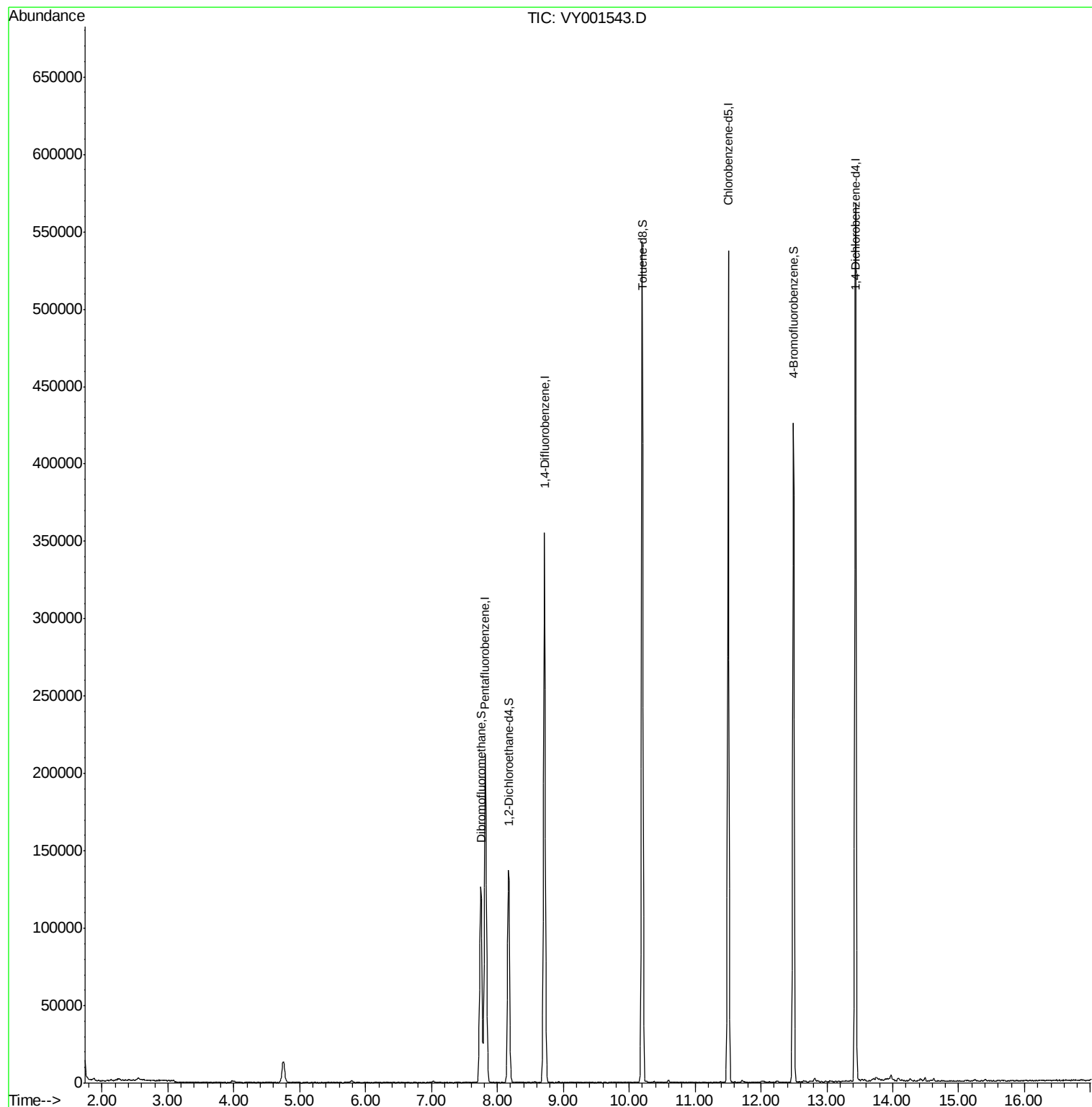
Target Compounds	Qvalue

(#) = 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# 997

Delta R.T. 0.01 min

Lab File: VY001543.D

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MSVOA_Y

ClientSampleId :

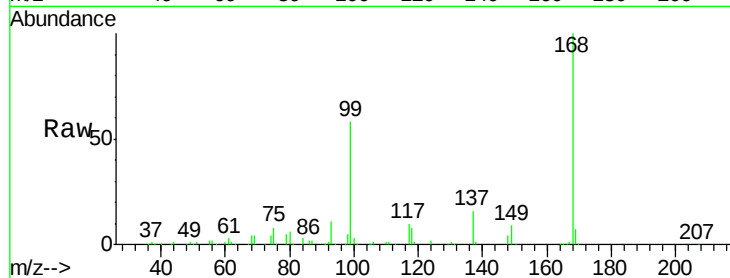
SB-1-13-13.5

Tot Ion:168 Resp: 164420

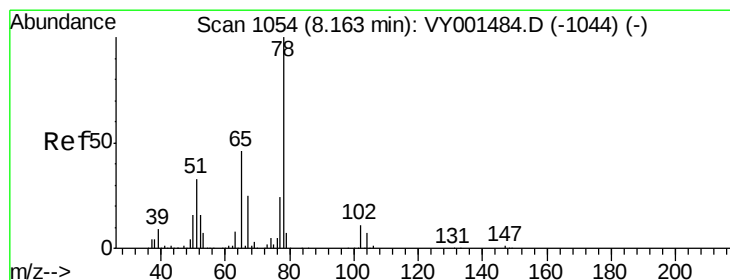
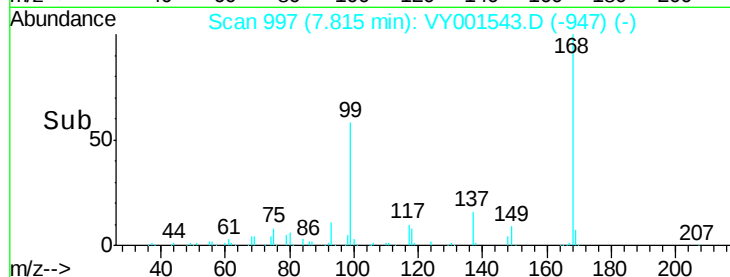
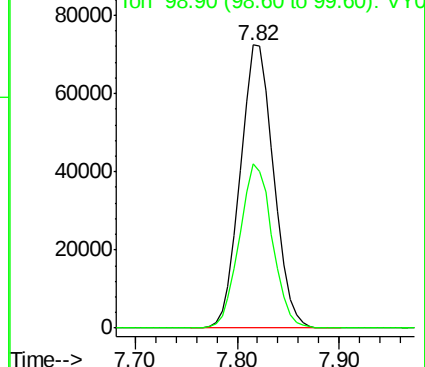
Ion Ratio Lower Upper

168 100

99 57.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001543.D (-947) (-)



#33

1,2-Dichloroethane-d4

Concen: 61.970 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY001543.D

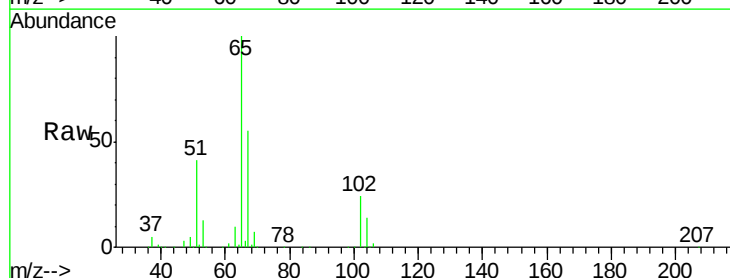
Acq: 06 Feb 2020 19:54

Tgt Ion: 65 Resp: 102589

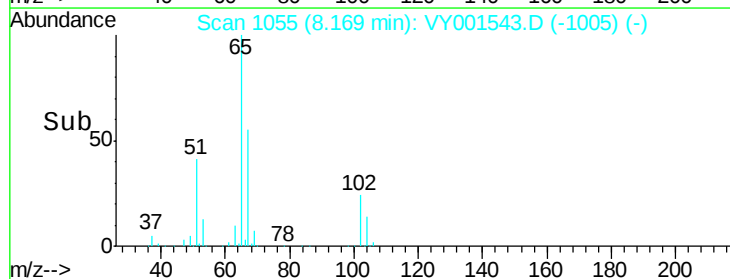
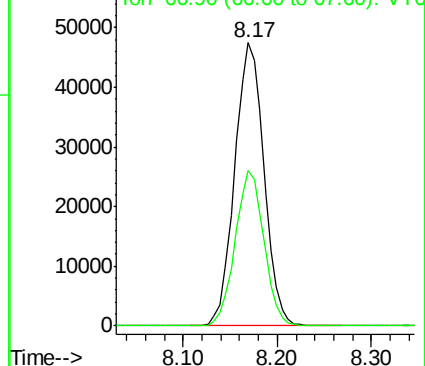
Ion Ratio Lower Upper

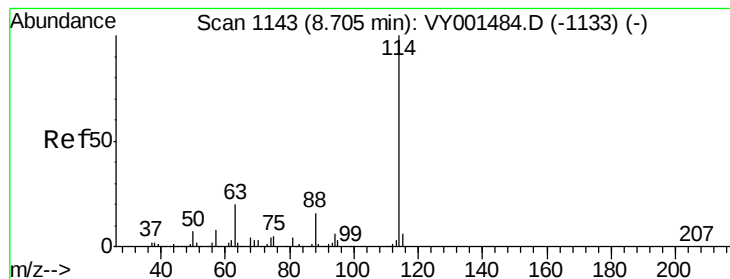
65 100

67 53.8 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001543.D (-1005) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY001543.D

Acq: 06 Feb 2020 19:54

Instrument :

MSVOA_Y

ClientSampleId :

SB-1-13-13.5

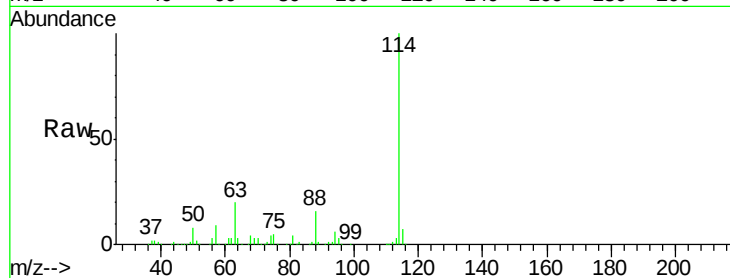
Tot Ion:114 Resp: 301680

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.8

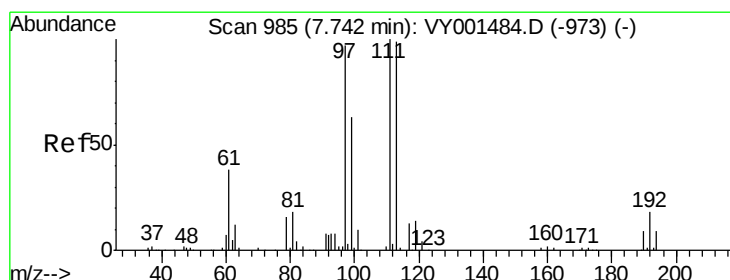
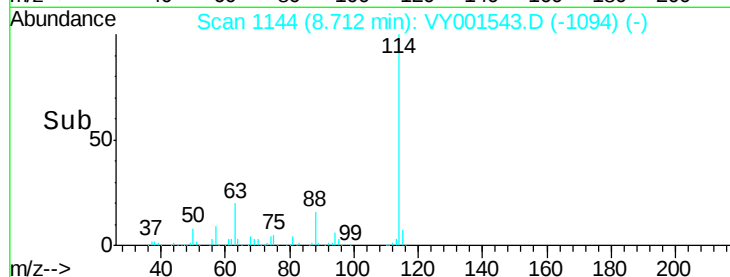
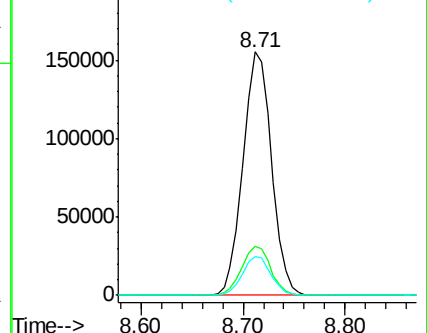
88 15.8 0.0 32.6



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: 51.388 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.01 min

Lab File: VY001543.D

Acq: 06 Feb 2020 19:54

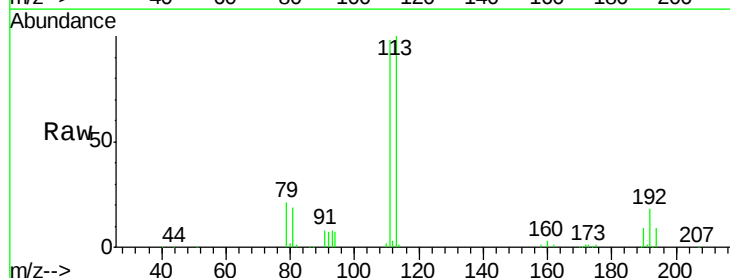
Tgt Ion:113 Resp: 89396

Ion Ratio Lower Upper

113 100

111 103.3 82.9 124.3

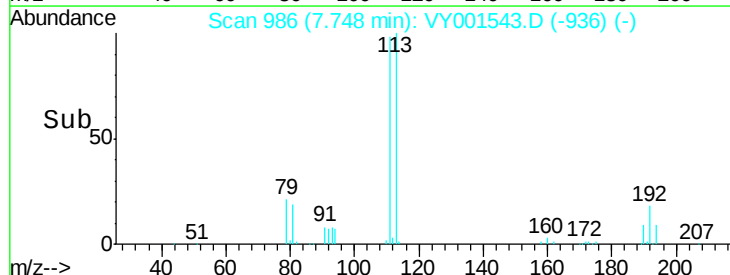
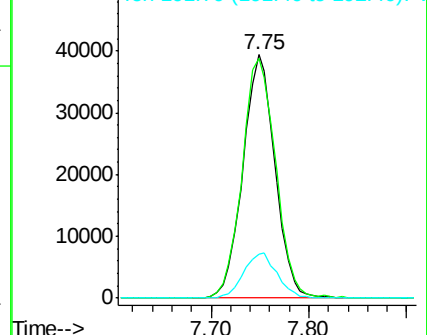
192 19.4 14.6 22.0

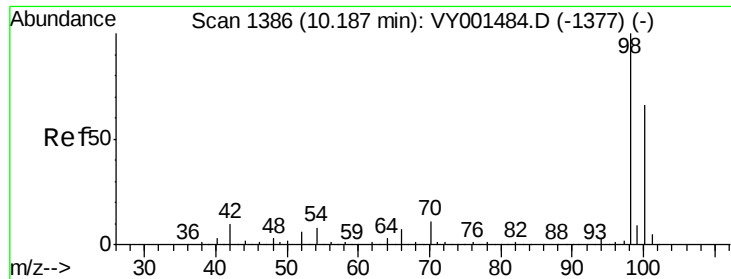


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.219 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001543.D

Acq: 06 Feb 2020 19:54

Instrument :

MSVOA_Y

ClientSampleId :

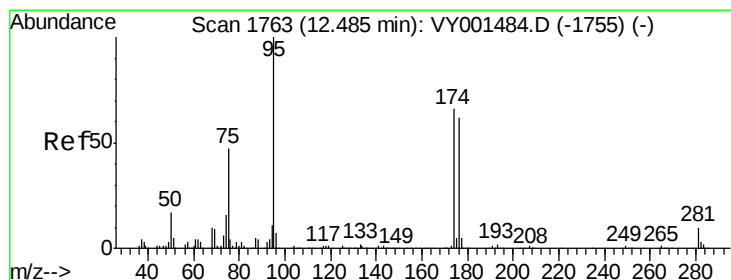
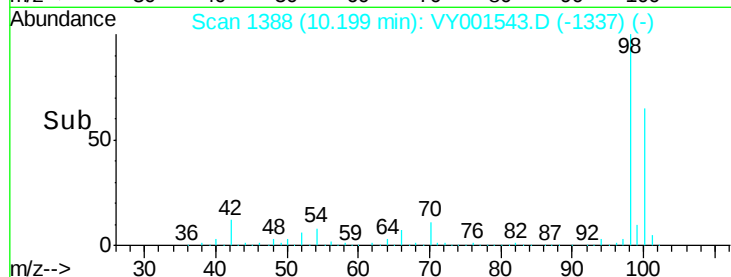
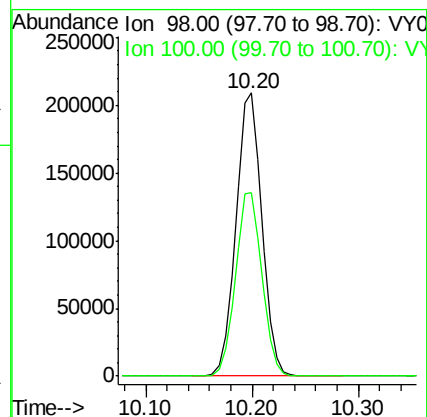
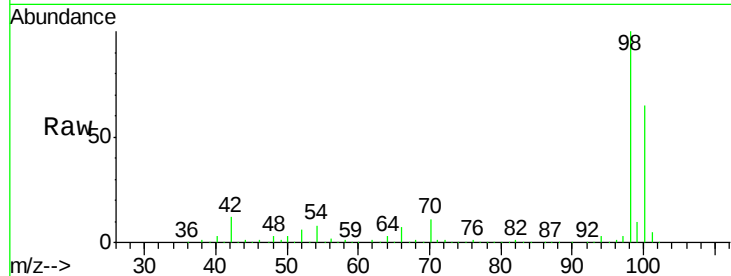
SB-1-13-13.5

Tot Ion: 98 Resp: 356860

Ion Ratio Lower Upper

98 100

100 65.9 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 53.078 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001543.D

Acq: 06 Feb 2020 19:54

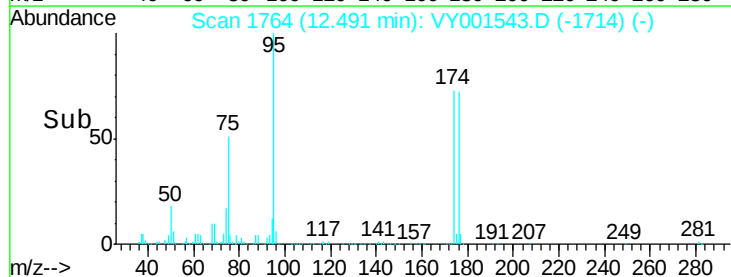
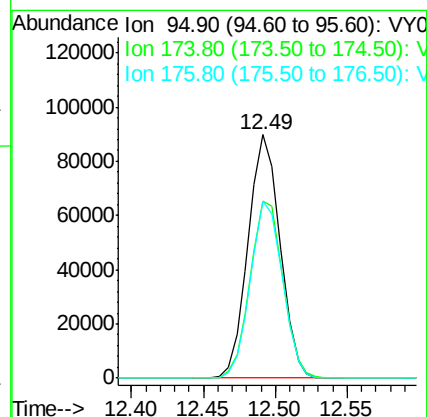
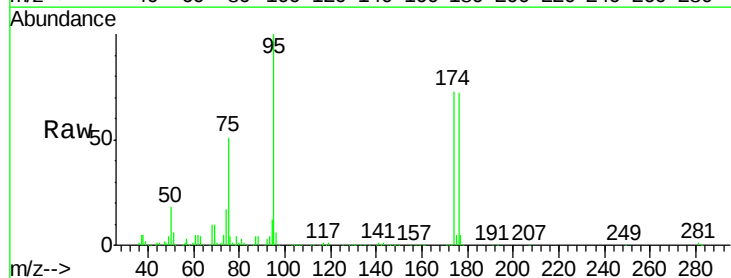
Tgt Ion: 95 Resp: 137623

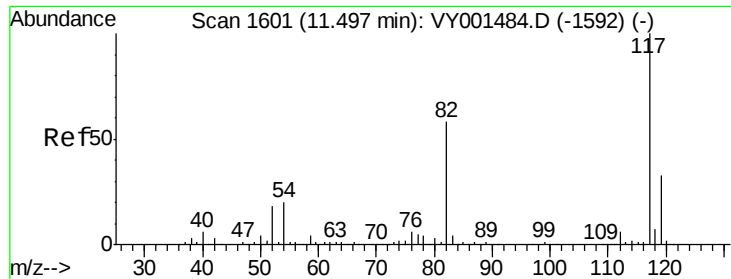
Ion Ratio Lower Upper

95 100

174 74.9 0.0 141.4

176 72.9 0.0 135.4

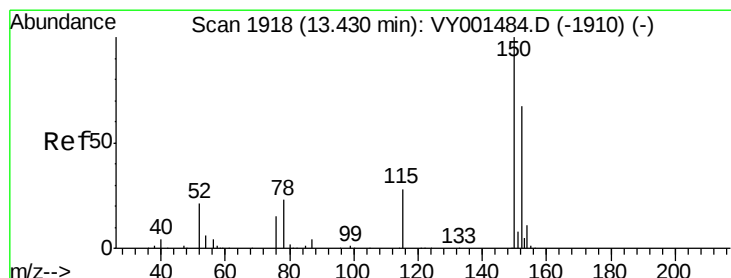
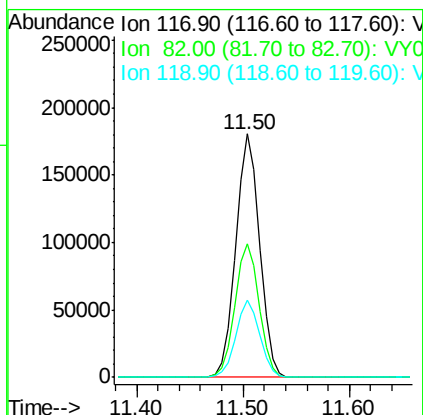
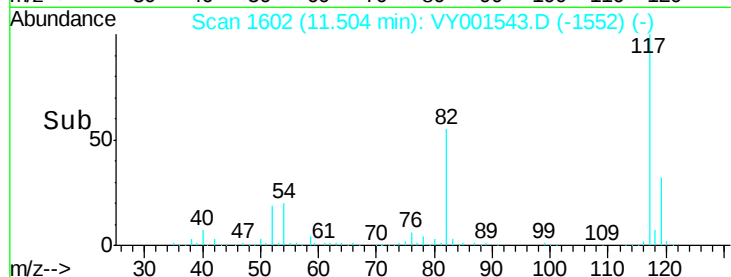
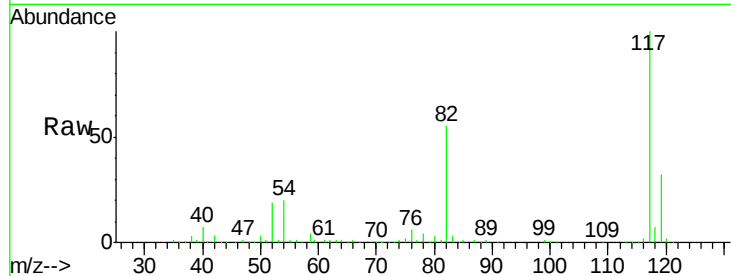




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001543.D
Acq: 06 Feb 2020 19:54

Instrument :
MSVOA_Y
ClientSampleId :
SB-1-13-13.5

Tot Ion:117 Resp: 283373
Ion Ratio Lower Upper
117 100
82 55.0 46.1 69.1
119 31.6 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001543.D
Acq: 06 Feb 2020 19:54

Tgt Ion:152 Resp: 138058
Ion Ratio Lower Upper
152 100
115 60.6 31.4 94.3
150 156.5 0.0 346.8

