

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020720\
 Data File : VY001560.D
 Acq On : 07 Feb 2020 17:31
 Operator : SY/MD
 Sample : L1403-02
 Misc : 9.02G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-13.5-14

Quant Time: Feb 08 03:31:57 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	173630	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	308912	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	278062	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	128528	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	98939	56.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.18%	
35) Dibromofluoromethane	7.75	113	89921	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
50) Toluene-d8	10.19	98	367723	54.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.12%	
62) 4-Bromofluorobenzene	12.49	95	127940	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	

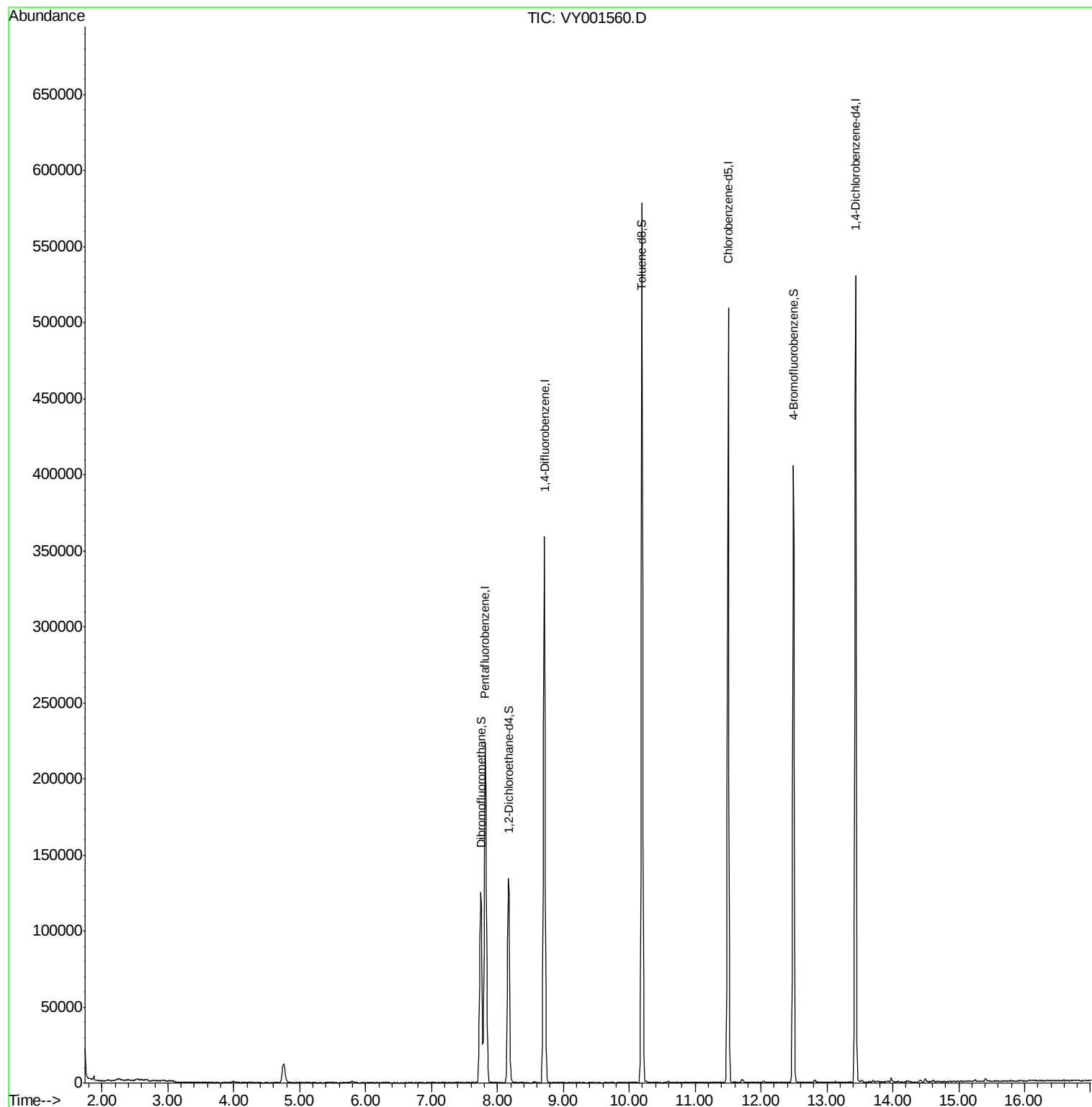
Target Compounds	Qvalue
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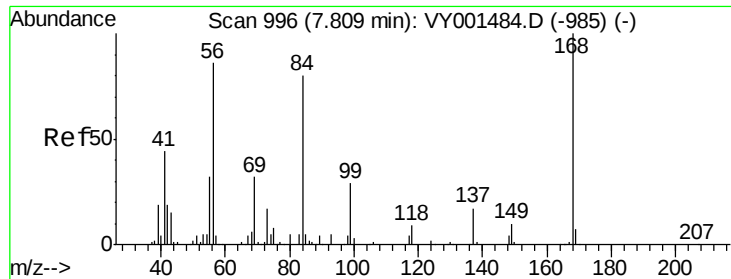
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001560.D

Acq: 07 Feb 2020 17:31

Instrument :

MSVOA_Y

ClientSampleId :

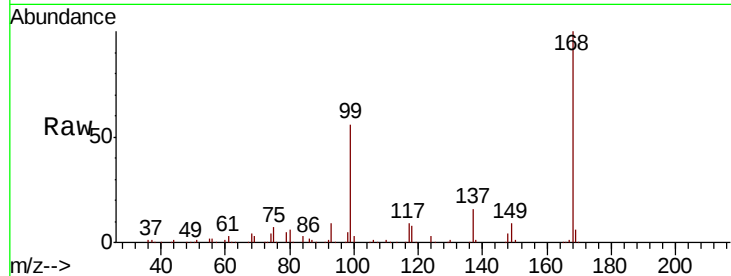
SB-2-13.5-14

Tot Ion:168 Resp: 173630

Ion Ratio Lower Upper

168 100

99 56.1 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001560.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY001560.D (-947) (-)

7.82

80000

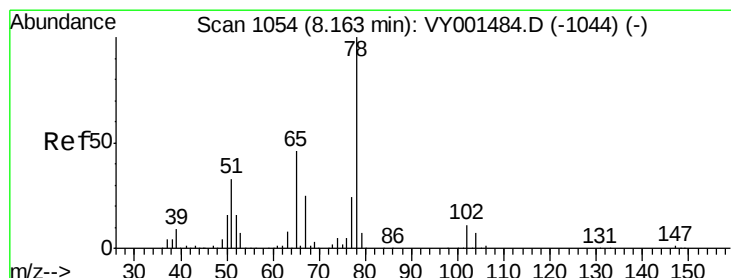
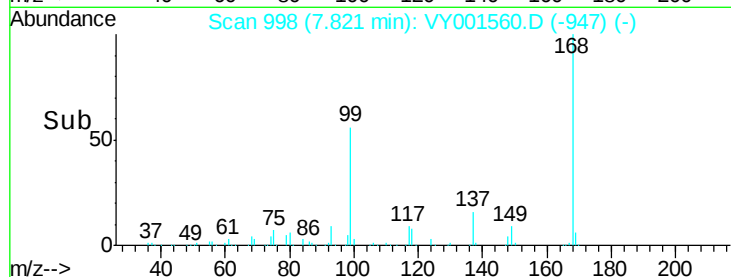
60000

40000

20000

0

Time--> 7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 56.595 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY001560.D

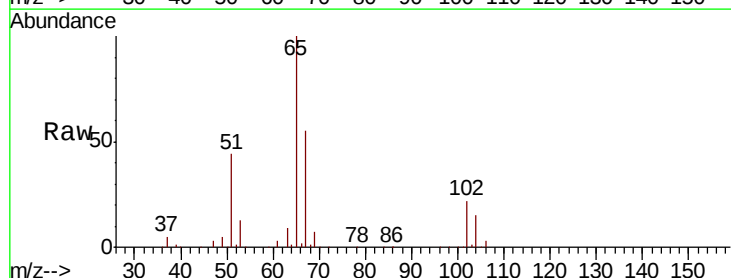
Acq: 07 Feb 2020 17:31

Tgt Ion: 65 Resp: 98939

Ion Ratio Lower Upper

65 100

67 55.2 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001560.D (-1005) (-)

Ion 66.90 (66.60 to 67.60): VY001560.D (-1005) (-)

8.17

50000

40000

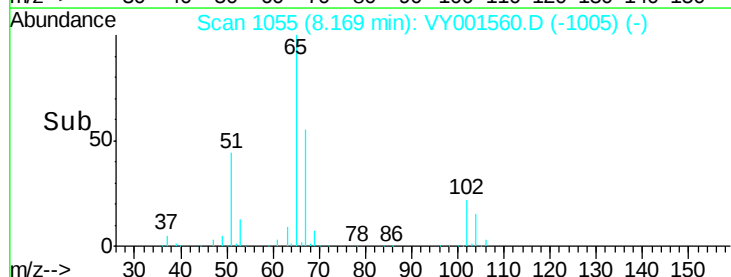
30000

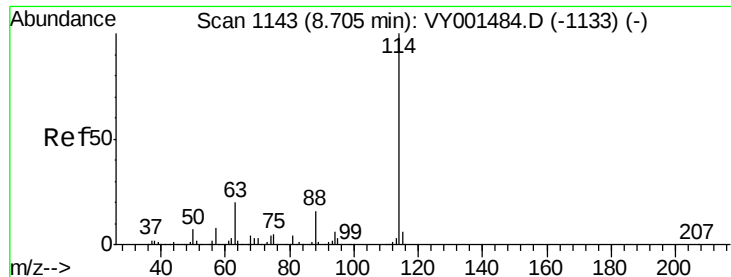
20000

10000

0

Time--> 8.05 8.10 8.15 8.20 8.25

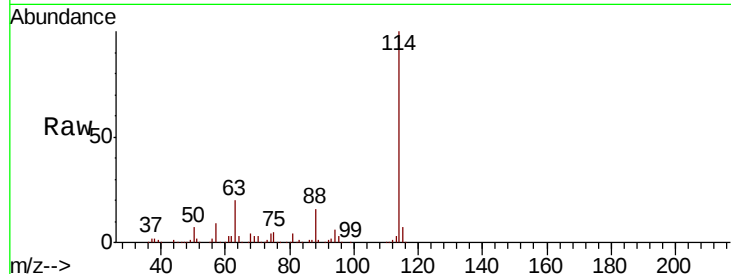




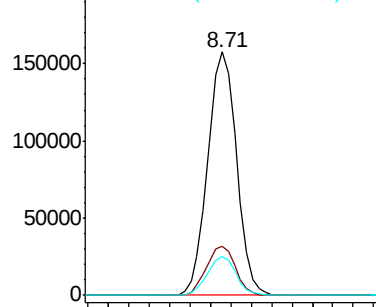
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY001560.D
 Acq: 07 Feb 2020 17:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-13.5-14

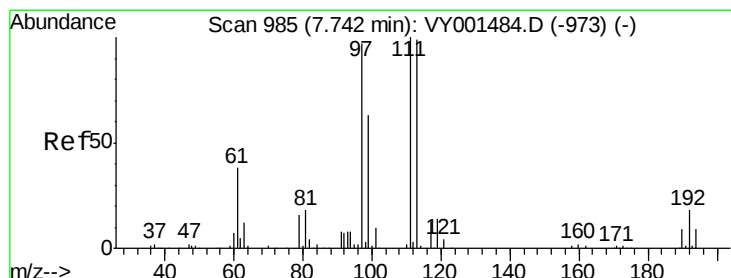
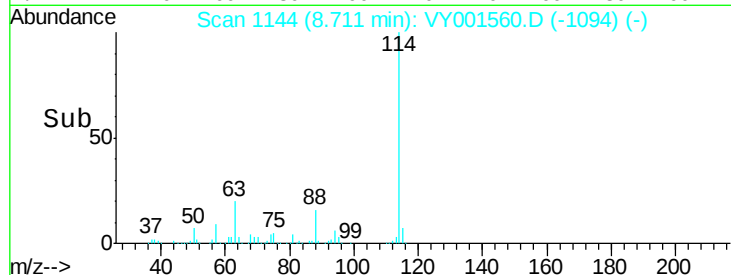
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	39.8
88	15.8	0.0	32.6



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

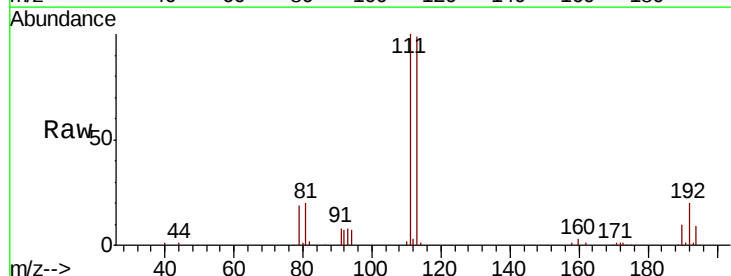


Time--> 8.60 8.70 8.80

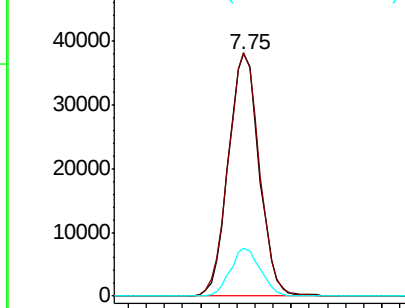


#35
 Dibromofluoromethane
 Concen: 50.480 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: VY001560.D
 Acq: 07 Feb 2020 17:31

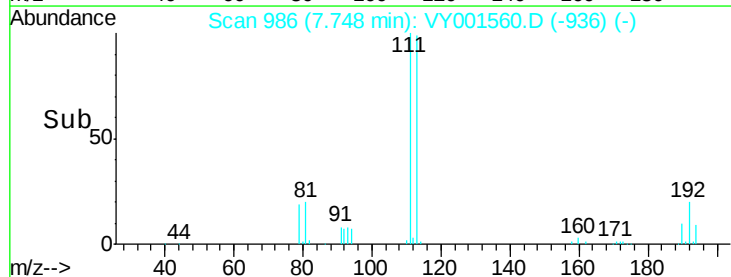
Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.6	82.9	124.3
192	19.2	14.6	22.0

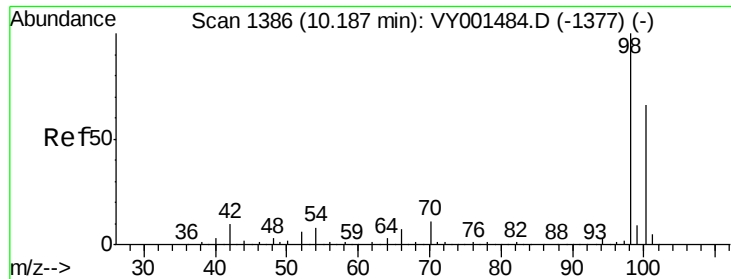


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V



Time--> 7.70 7.80 7.90





#50

Toluene-d8

Concen: 54.562 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001560.D

Acq: 07 Feb 2020 17:31

Instrument :

MSVOA_Y

ClientSampleId :

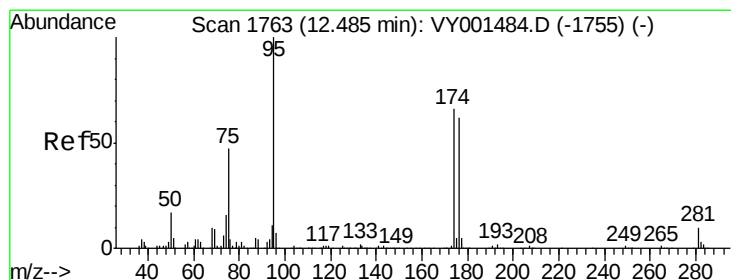
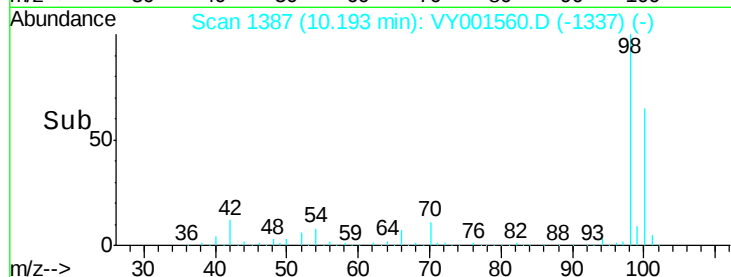
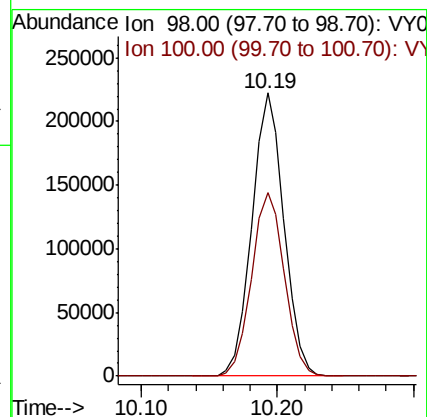
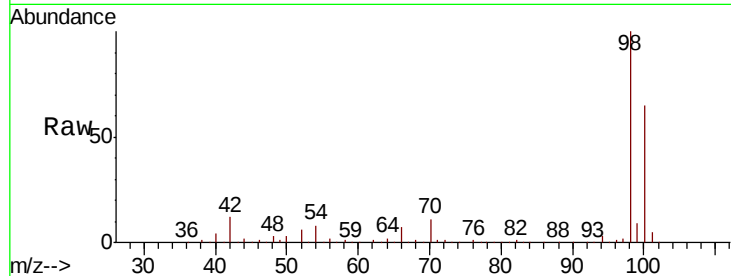
SB-2-13.5-14

Tot Ion: 98 Resp: 367723

Ion Ratio Lower Upper

98 100

100 66.1 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 48.188 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001560.D

Acq: 07 Feb 2020 17:31

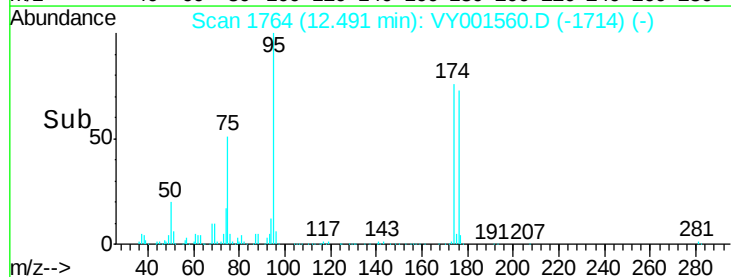
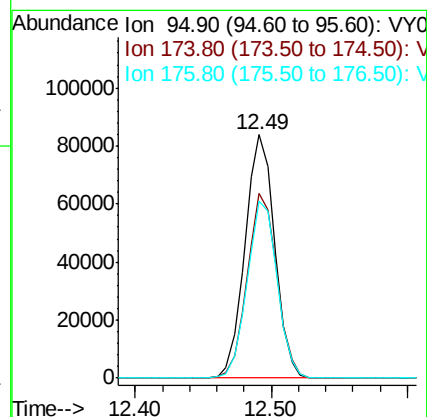
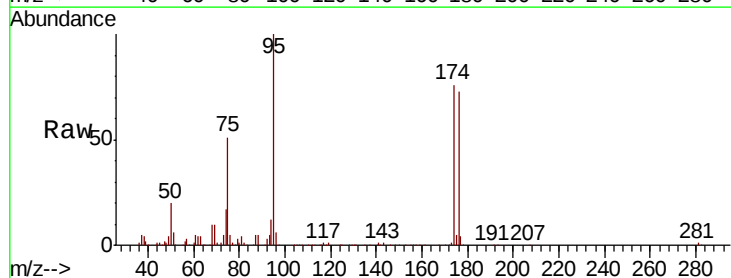
Tgt Ion: 95 Resp: 127940

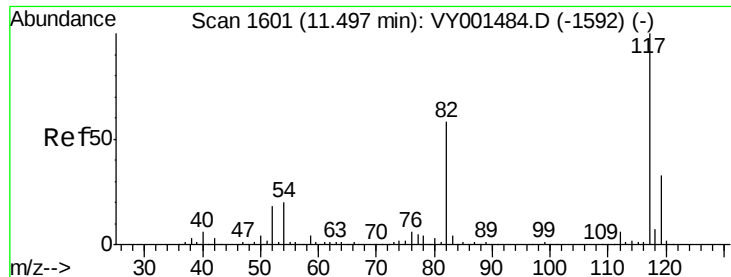
Ion Ratio Lower Upper

95 100

174 75.9 0.0 141.4

176 73.7 0.0 135.4

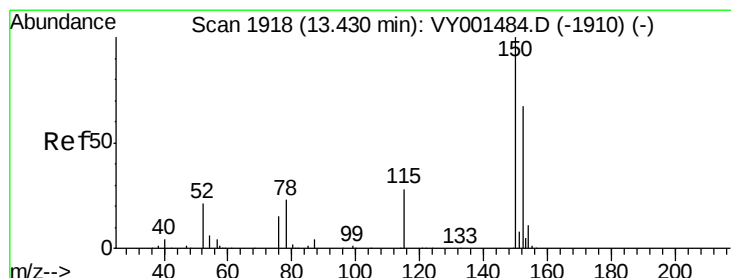
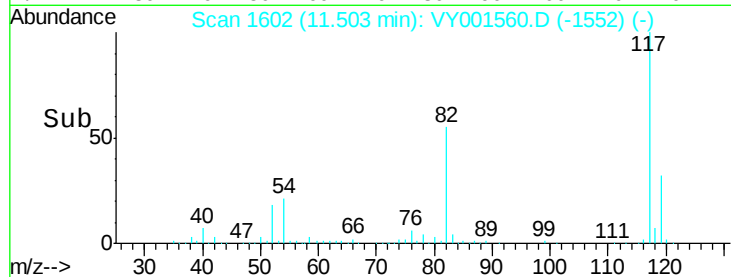
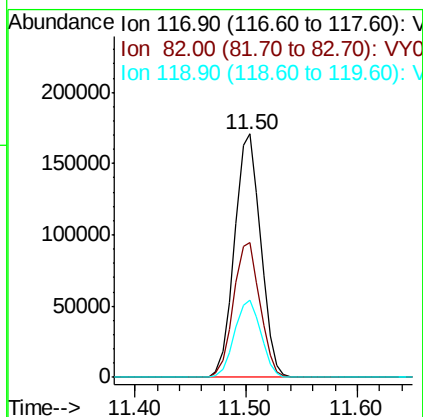
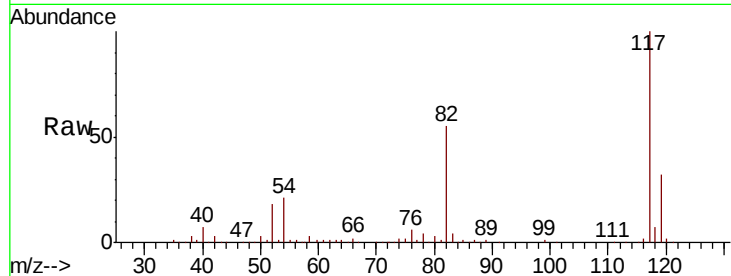




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001560.D
Acq: 07 Feb 2020 17:31

Instrument :
MSVOA_Y
ClientSampleId :
SB-2-13.5-14

Tot Ion:117 Resp: 278062
Ion Ratio Lower Upper
117 100
82 55.4 46.1 69.1
119 31.9 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: VY001560.D
Acq: 07 Feb 2020 17:31

Tgt Ion:152 Resp: 128528
Ion Ratio Lower Upper
152 100
115 59.3 31.4 94.3
150 159.2 0.0 346.8

