

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120419\
 Data File : VY000867.D
 Acq On : 04 Dec 2019 17:43
 Operator : SY/MD
 Sample : K6135-03
 Misc : 6.82G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC-35

Quant Time: Dec 05 08:24:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	222986	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	413740	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	354777	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	134423	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	137795	58.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.32%	
35) Dibromofluoromethane	7.72	113	117610	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	
50) Toluene-d8	10.18	98	486671	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
62) 4-Bromofluorobenzene	12.48	95	149629	41.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.66%	

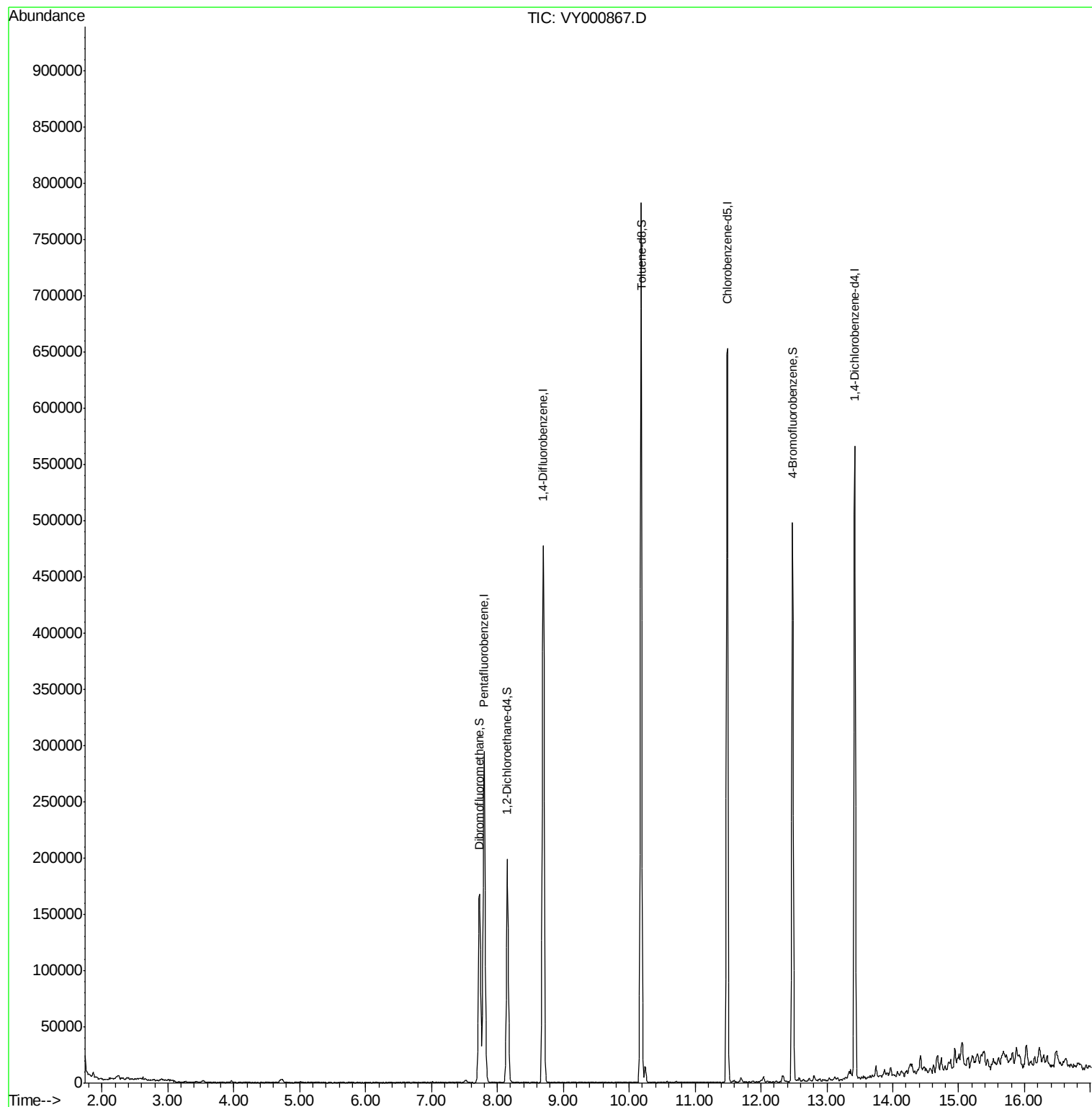
Target Compounds	Qvalue

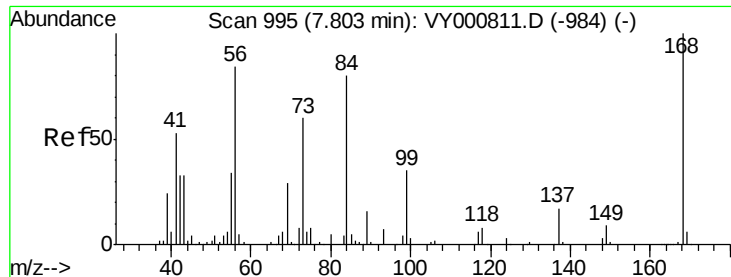
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000867.D

Acq: 04 Dec 2019 17:43

Instrument :

MSVOA_Y

ClientSampled :

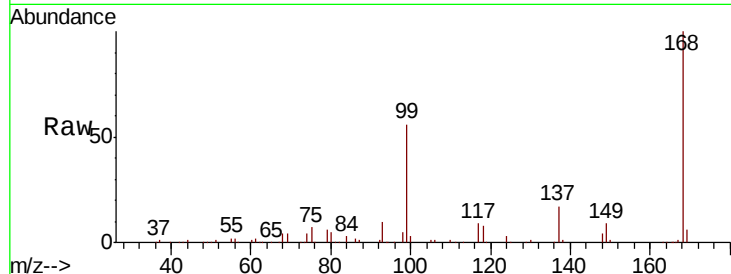
VOC-35

Tot Ion:168 Resp: 222986

Ion Ratio Lower Upper

168 100

99 55.6 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000811.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000811.D (-984) (-)

7.80

100000

80000

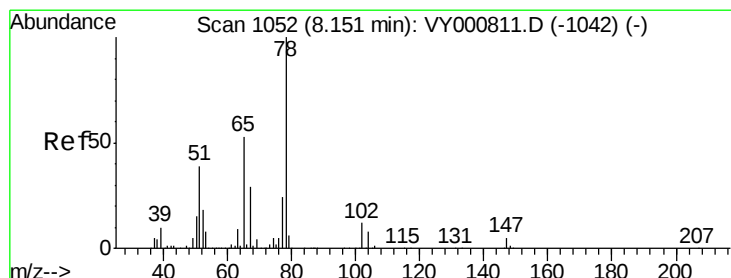
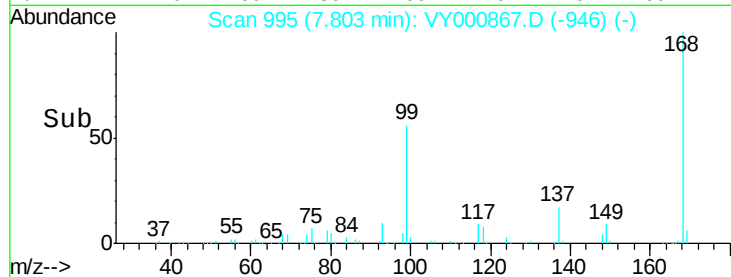
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 58.156 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000867.D

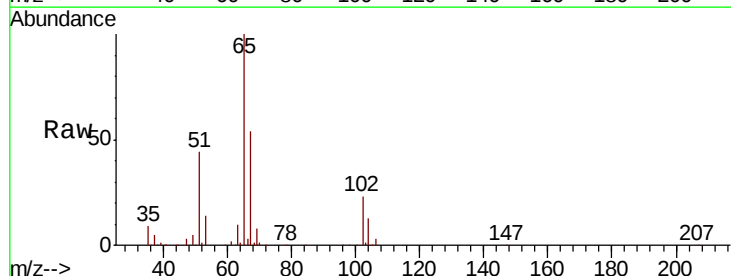
Acq: 04 Dec 2019 17:43

Tgt Ion: 65 Resp: 137795

Ion Ratio Lower Upper

65 100

67 54.6 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VY000811.D (-1042) (-)

Ion 66.90 (66.60 to 67.60): VY000811.D (-1042) (-)

8.15

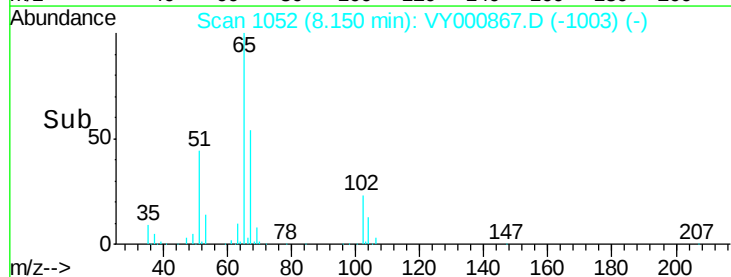
60000

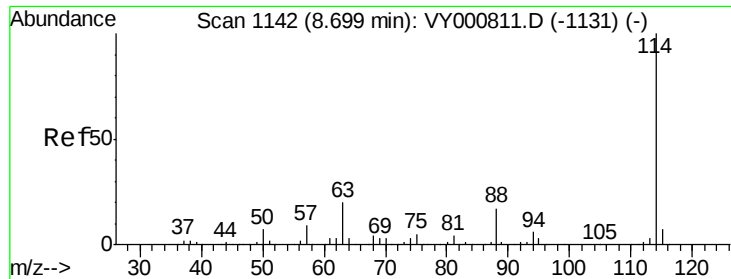
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY000867.D

Acq: 04 Dec 2019 17:43

Instrument :

MSVOA_Y

ClientSampled :

VOC-35

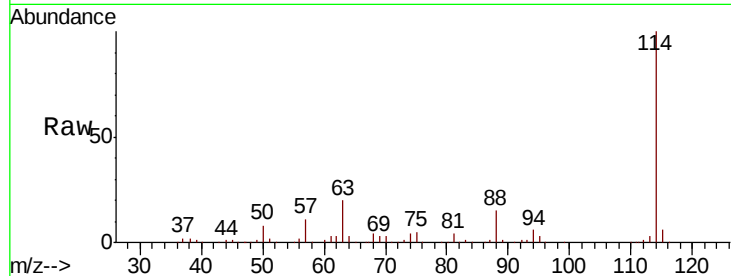
Tot Ion:114 Resp: 413740

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.8

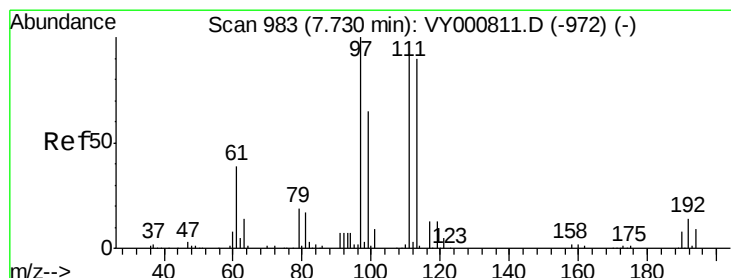
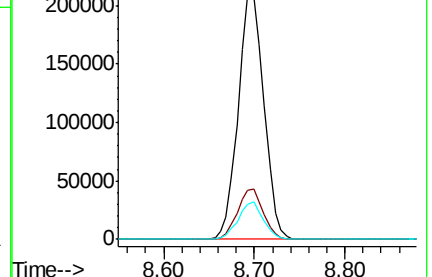
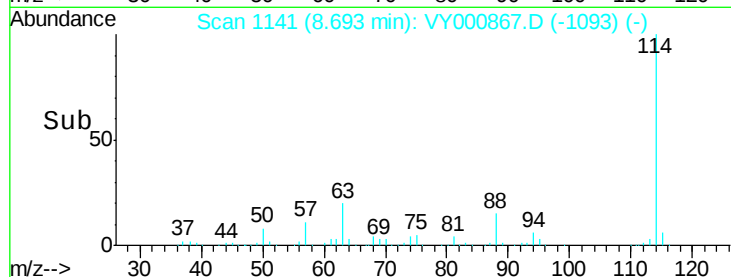
88 14.6 0.0 33.2



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: 48.775 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY000867.D

Acq: 04 Dec 2019 17:43

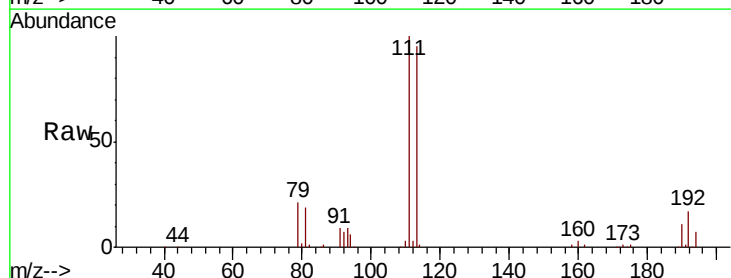
Tgt Ion:113 Resp: 117610

Ion Ratio Lower Upper

113 100

111 106.8 82.4 123.6

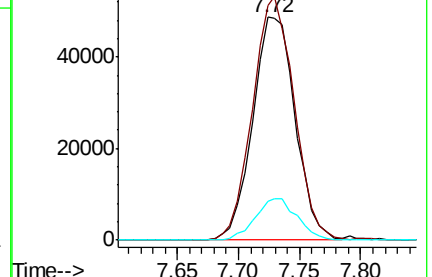
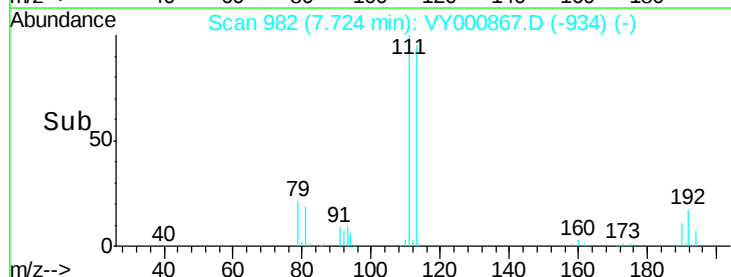
192 18.5 14.2 21.2

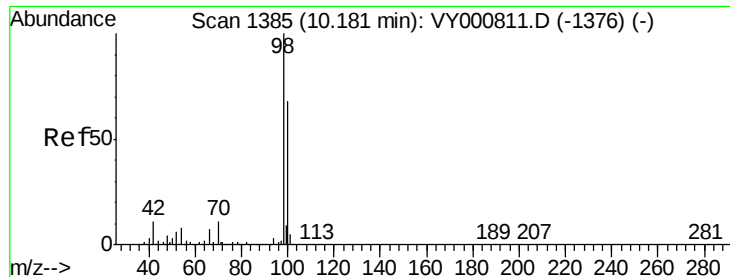


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.484 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000867.D

Acq: 04 Dec 2019 17:43

Instrument :

MSVOA_Y

ClientSampleId :

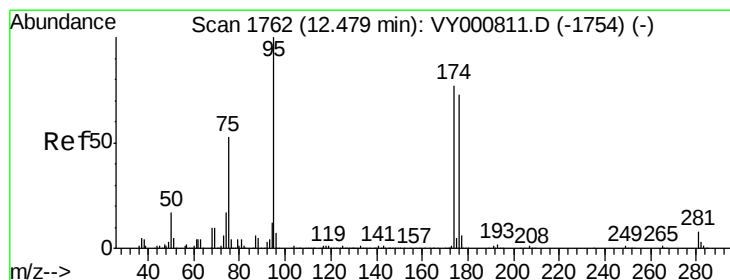
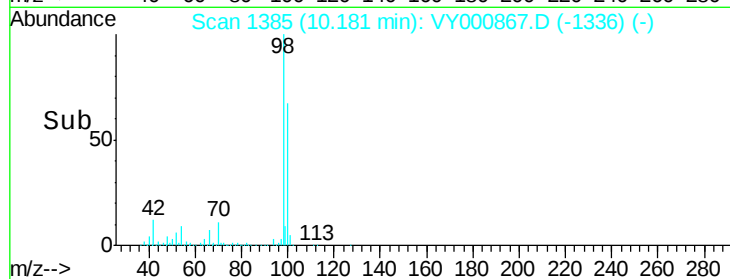
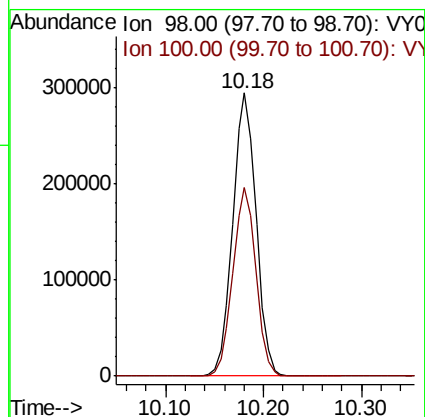
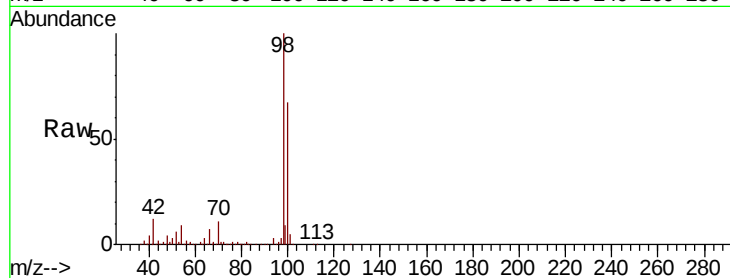
VOC-35

Tot Ion: 98 Resp: 486671

Ion Ratio Lower Upper

98 100

100 65.9 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 41.330 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000867.D

Acq: 04 Dec 2019 17:43

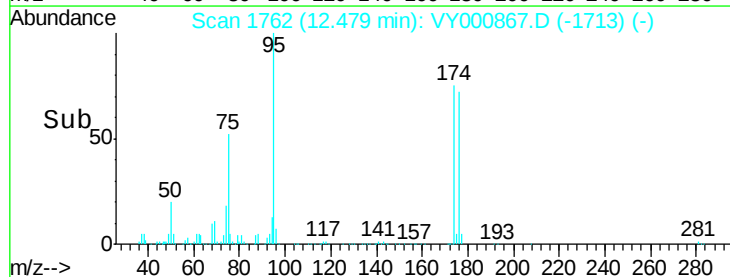
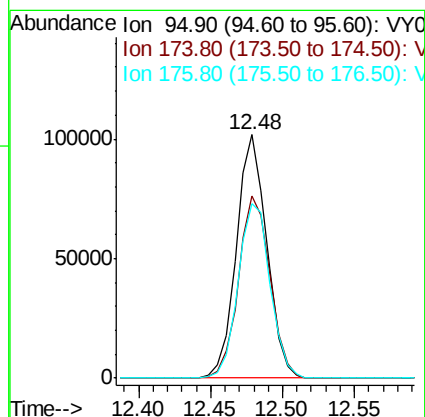
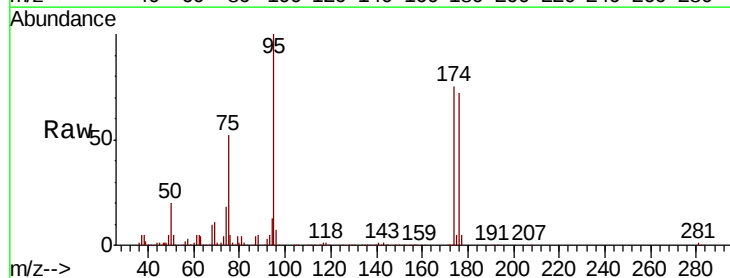
Tgt Ion: 95 Resp: 149629

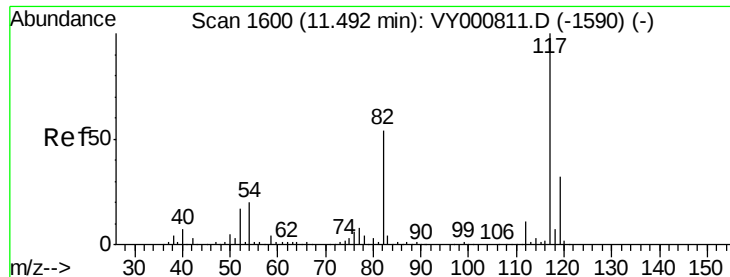
Ion Ratio Lower Upper

95 100

174 77.3 0.0 150.6

176 75.1 0.0 145.2

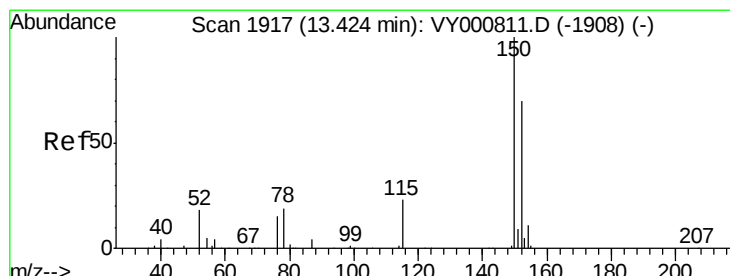
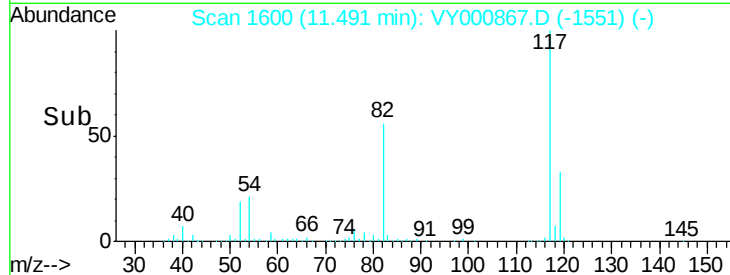
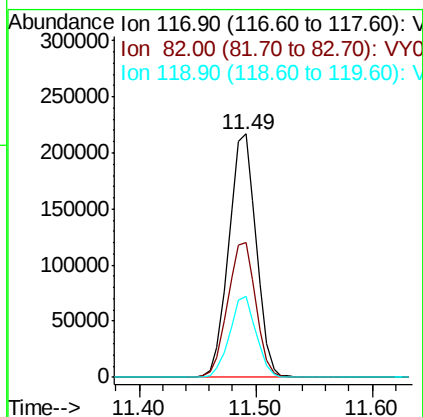
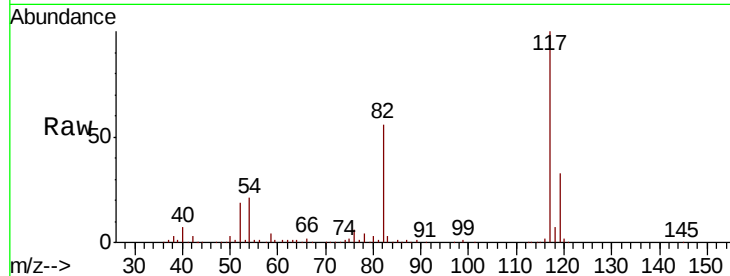




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000867.D
Acq: 04 Dec 2019 17:43

Instrument :
MSVOA_Y
ClientSampleId :
VOC-35

Tot Ion:117 Resp: 354777
Ion Ratio Lower Upper
117 100
82 55.5 43.1 64.7
119 33.4 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000867.D
Acq: 04 Dec 2019 17:43

Tgt Ion:152 Resp: 134423
Ion Ratio Lower Upper
152 100
115 60.6 29.3 87.8
150 159.5 0.0 351.2

