

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012320\
 Data File : VY001362.D
 Acq On : 23 Jan 2020 18:16
 Operator : SY/MD
 Sample : L1241-08
 Misc : 5.86G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-14

Quant Time: Jan 24 08:16:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	100973	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	172162	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	134906	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	57032	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	41993	38.22	ug/l	0.00
Spiked Amount			Recovery	=	76.44%	
35) Dibromofluoromethane	7.75	113	45570	45.10	ug/l	0.00
Spiked Amount			Recovery	=	90.20%	
50) Toluene-d8	10.19	98	197412	50.29	ug/l	0.00
Spiked Amount			Recovery	=	100.58%	
62) 4-Bromofluorobenzene	12.49	95	58650	37.52	ug/l	0.00
Spiked Amount			Recovery	=	75.04%	

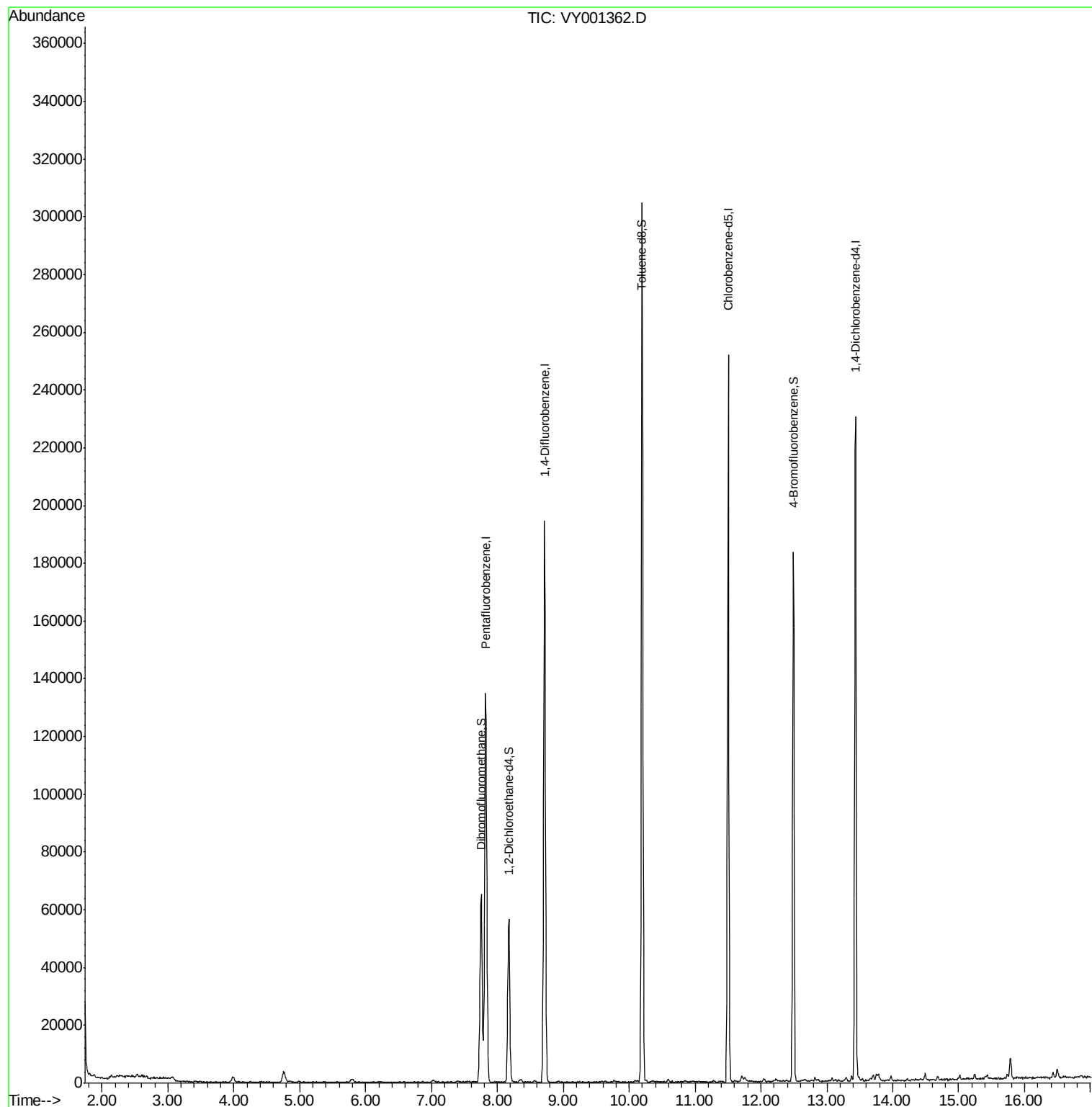
Target Compounds	Qvalue
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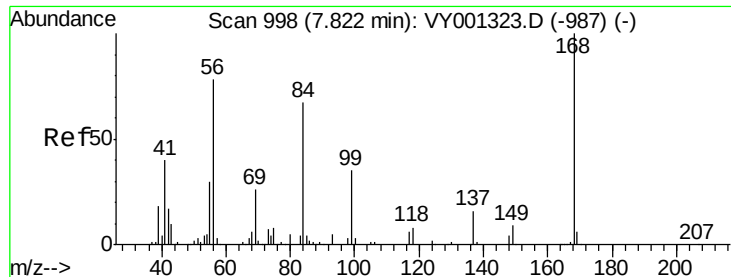
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. -0.00 min

Lab File: VY001362.D

Acq: 23 Jan 2020 18:16

Instrument :

MSVOA_Y

ClientSampleId :

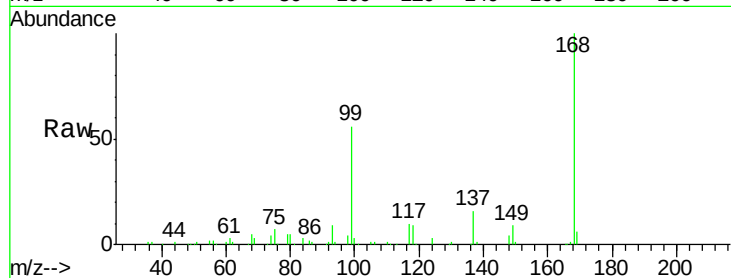
EP-14

Tot Ion:168 Resp: 100973

Ion Ratio Lower Upper

168 100

99 55.5 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001362.D (-949) (-)

Ion 98.90 (98.60 to 99.60): VY001362.D (-949) (-)

7.82

50000

40000

30000

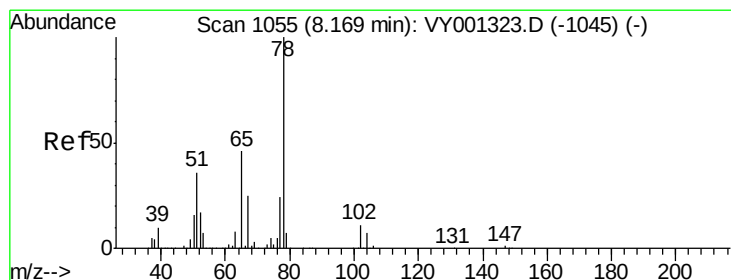
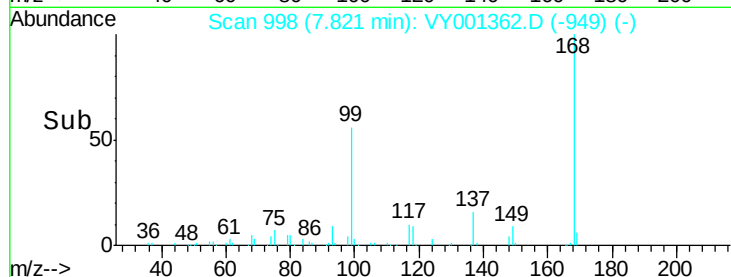
20000

10000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 38.220 ug/l

RT: 8.17 min Scan# 1056

Delta R.T. 0.01 min

Lab File: VY001362.D

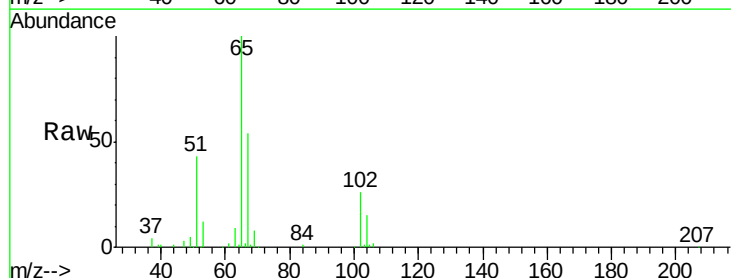
Acq: 23 Jan 2020 18:16

Tgt Ion: 65 Resp: 41993

Ion Ratio Lower Upper

65 100

67 54.5 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001362.D (-1006) (-)

Ion 66.90 (66.60 to 67.60): VY001362.D (-1006) (-)

8.17

20000

15000

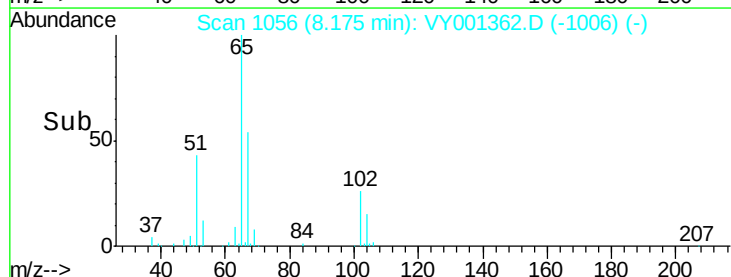
10000

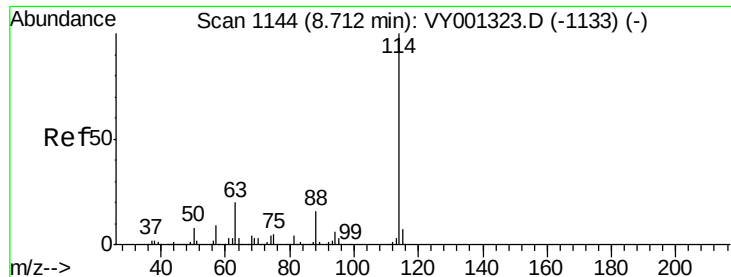
5000

0

8.05 8.10 8.15 8.20 8.25

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.72 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VY001362.D

Acq: 23 Jan 2020 18:16

Instrument :

MSVOA_Y

ClientSampleId :

EP-14

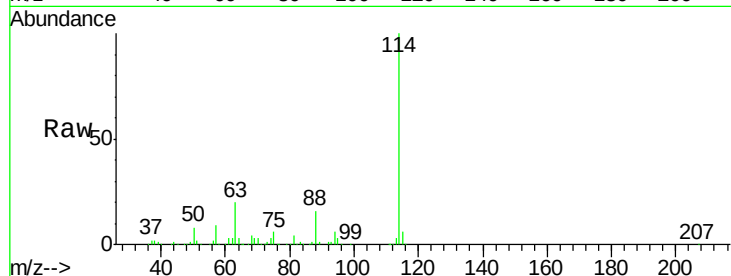
Tot Ion:114 Resp: 172162

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.8

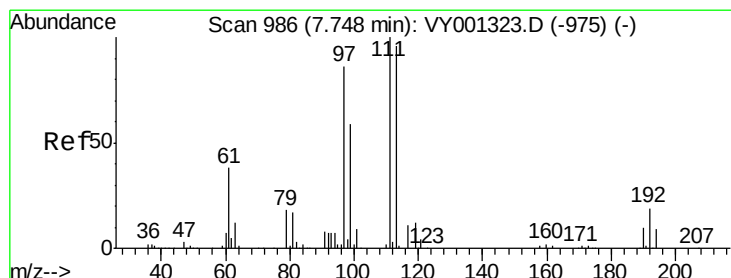
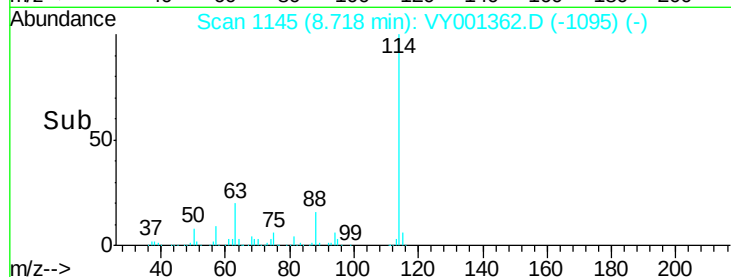
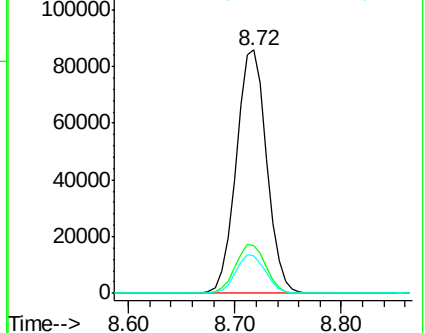
88 15.7 0.0 31.0



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: 45.099 ug/l

RT: 7.75 min Scan# 987

Delta R.T. 0.01 min

Lab File: VY001362.D

Acq: 23 Jan 2020 18:16

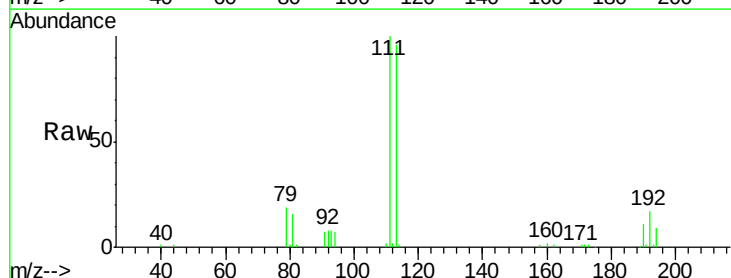
Tgt Ion:113 Resp: 45570

Ion Ratio Lower Upper

113 100

111 103.4 82.8 124.2

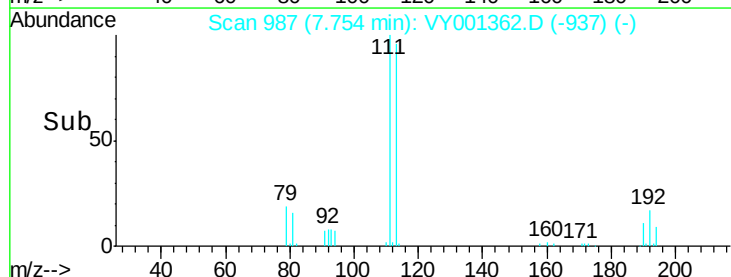
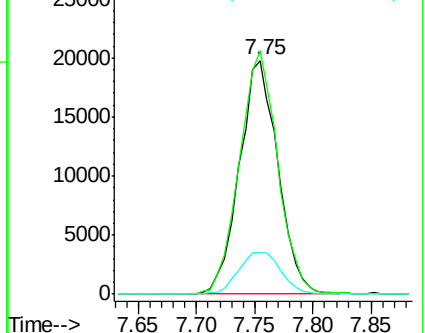
192 19.7 15.5 23.3

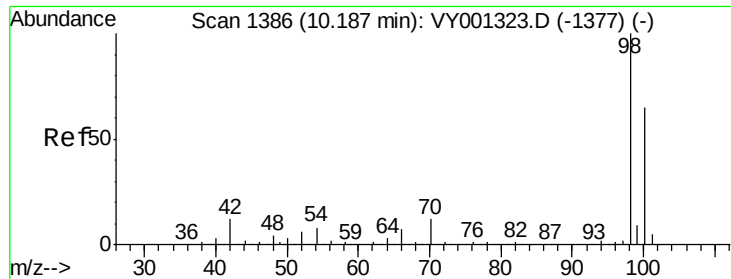


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.286 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001362.D

Acq: 23 Jan 2020 18:16

Instrument :

MSVOA_Y

ClientSampleId :

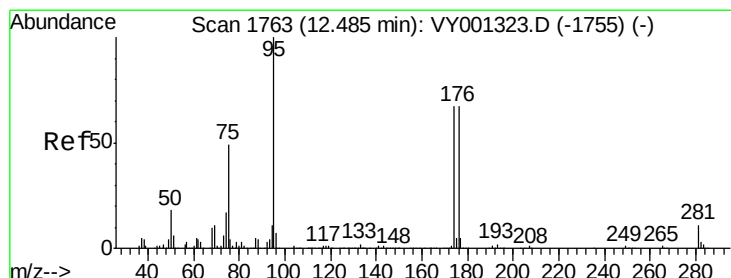
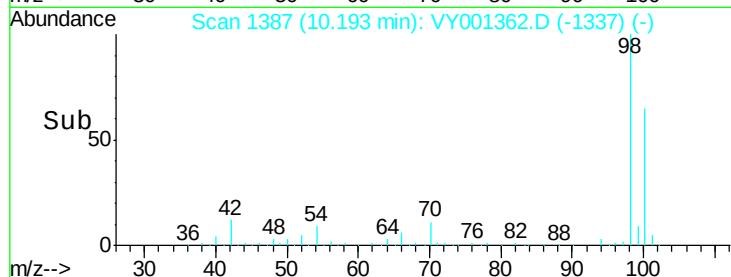
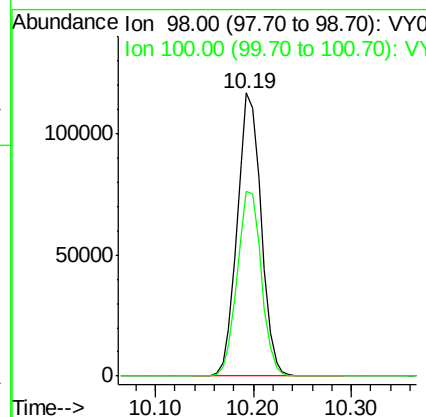
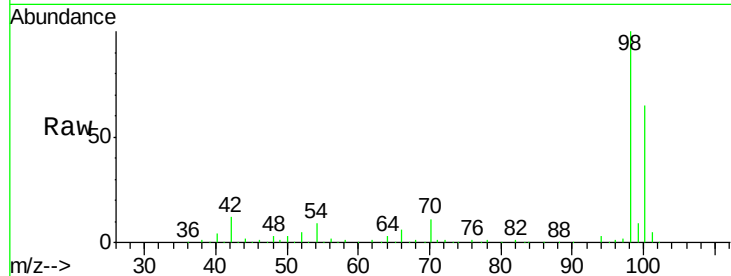
EP-14

Tot Ion: 98 Resp: 197412

Ion Ratio Lower Upper

98 100

100 66.2 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 37.515 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001362.D

Acq: 23 Jan 2020 18:16

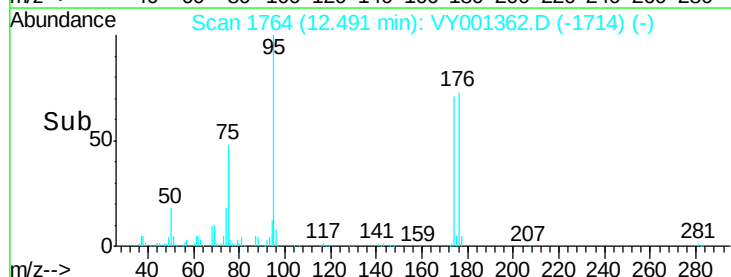
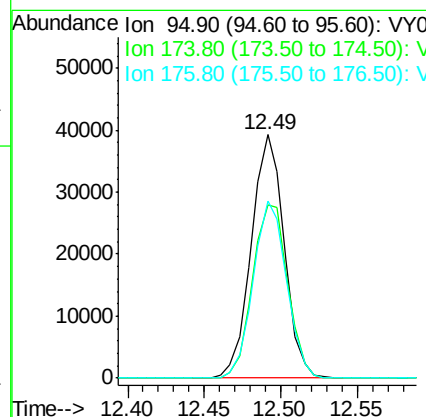
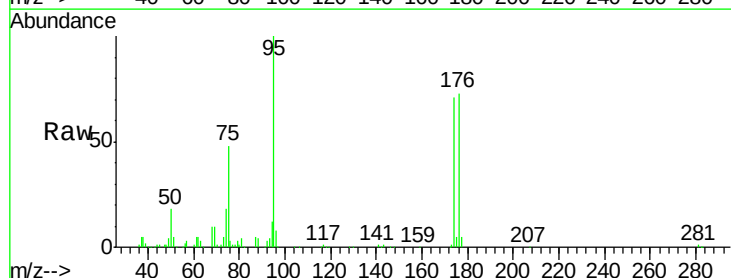
Tgt Ion: 95 Resp: 58650

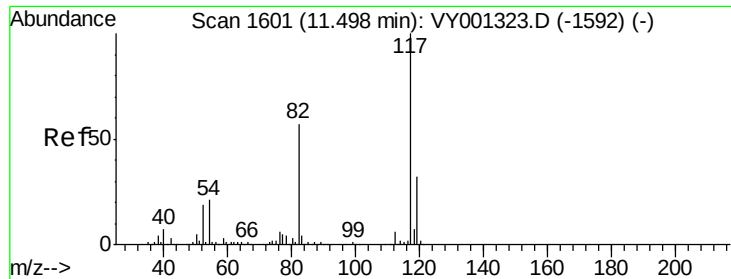
Ion Ratio Lower Upper

95 100

174 76.1 0.0 142.0

176 73.8 0.0 138.6

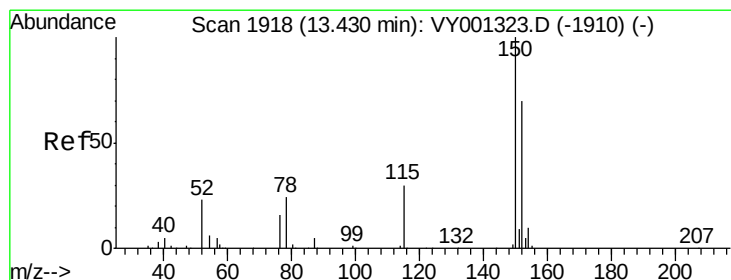
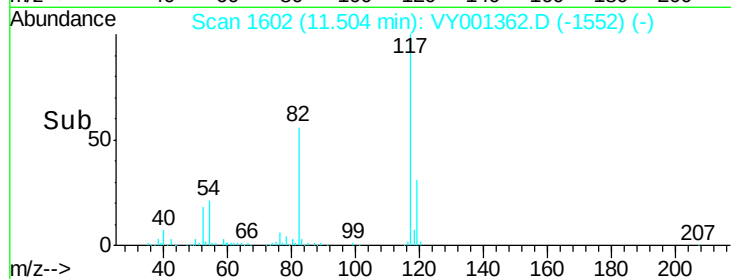
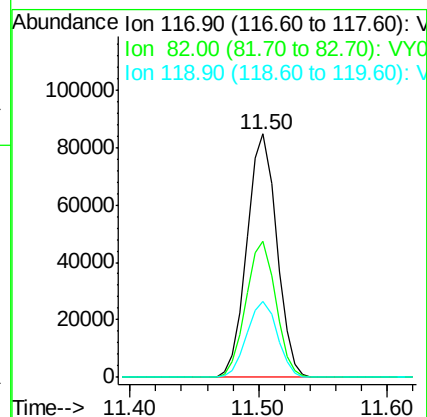
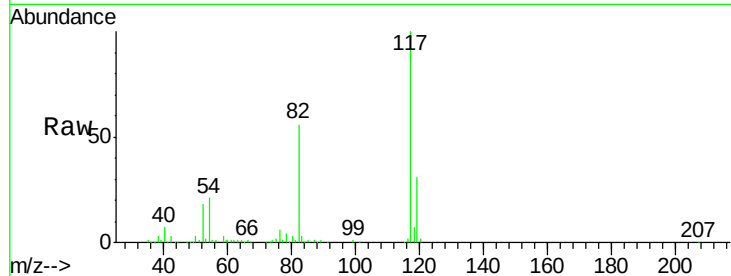




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001362.D
Acq: 23 Jan 2020 18:16

Instrument :
MSVOA_Y
ClientSampled :
EP-14

Tot Ion:117 Resp: 134906
Ion Ratio Lower Upper
117 100
82 56.0 45.5 68.3
119 31.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001362.D
Acq: 23 Jan 2020 18:16

Tgt Ion:152 Resp: 57032
Ion Ratio Lower Upper
152 100
115 59.7 30.9 92.8
150 155.3 0.0 349.2

