

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110719\
 Data File : VY000581.D
 Acq On : 07 Nov 2019 15:27
 Operator : SY/MD
 Sample : K5723-12
 Misc : 6.20G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 10-A

Quant Time: Nov 08 04:45:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	239884	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	438979	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	390868	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	168517	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	150344	60.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.12%	
35) Dibromofluoromethane	7.72	113	132005	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
50) Toluene-d8	10.18	98	519767	53.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.30%	
62) 4-Bromofluorobenzene	12.48	95	176195	47.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.66%	

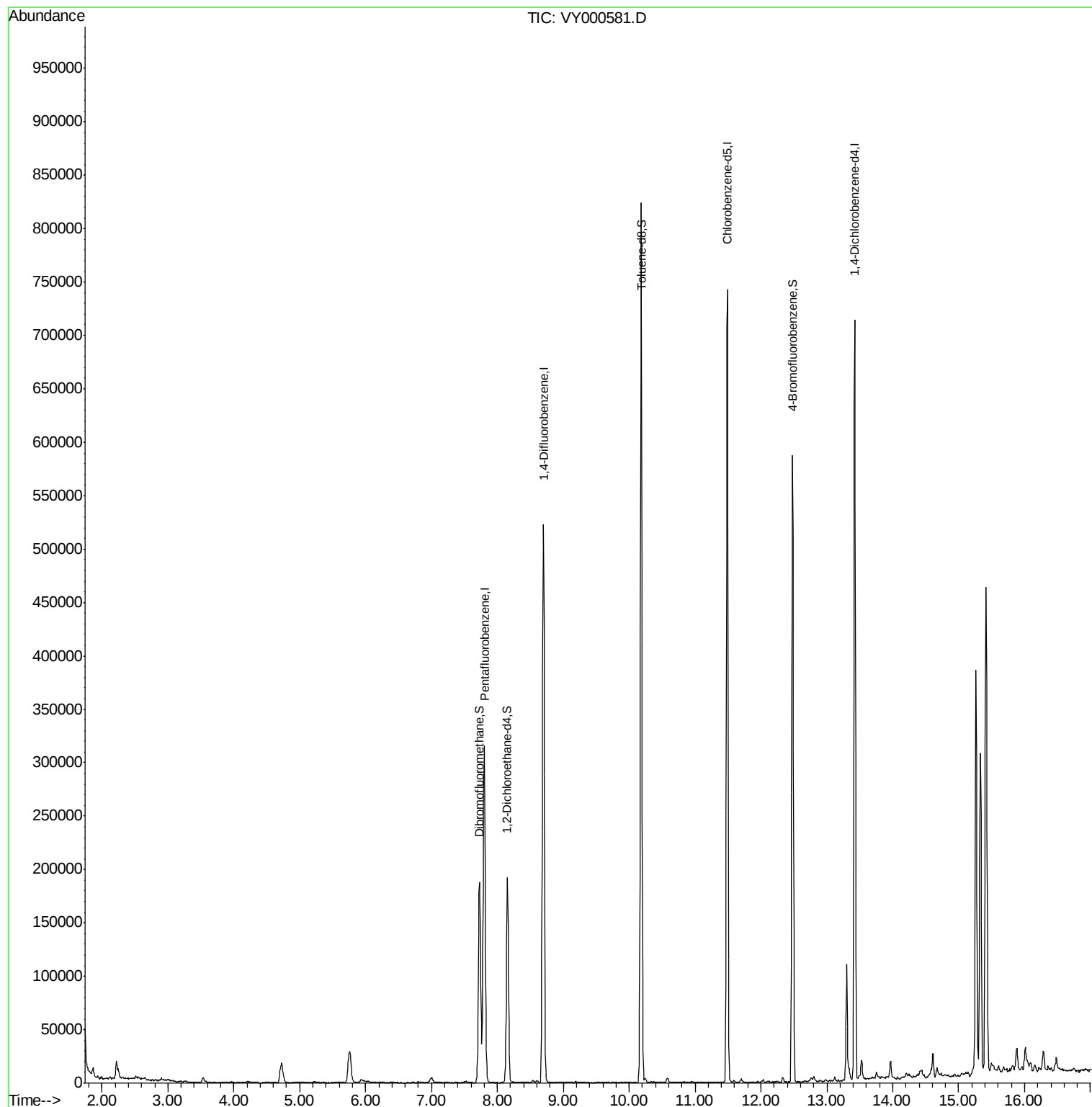
Target Compounds	Qvalue

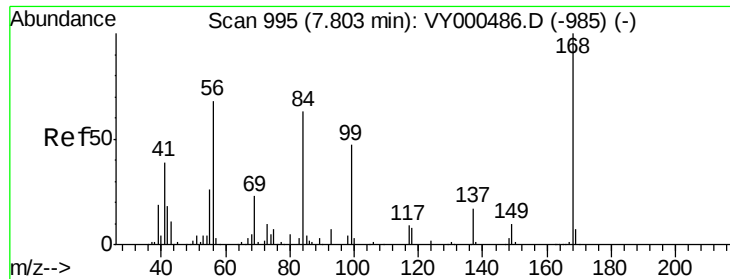
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000581.D

Acq: 07 Nov 2019 15:27

Instrument :

MSVOA_Y

ClientSampleId :

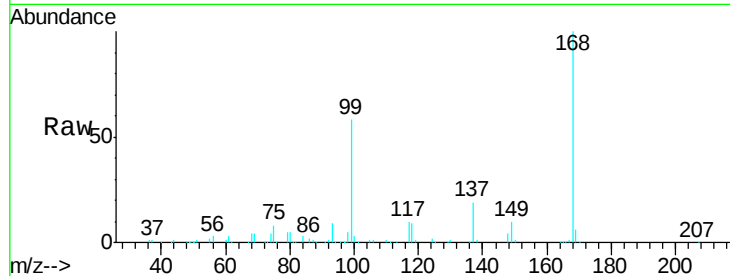
10-A

Tgt Ion:168 Resp: 239884

Ion Ratio Lower Upper

168 100

99 58.3 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)

7.80

120000

100000

80000

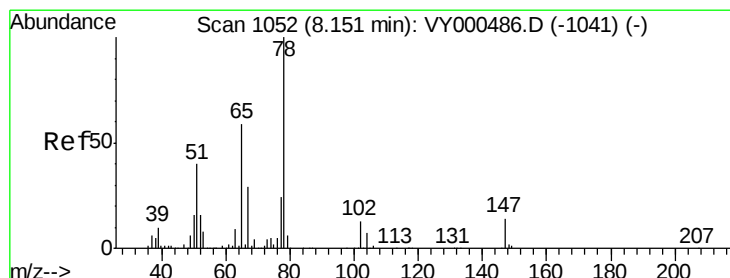
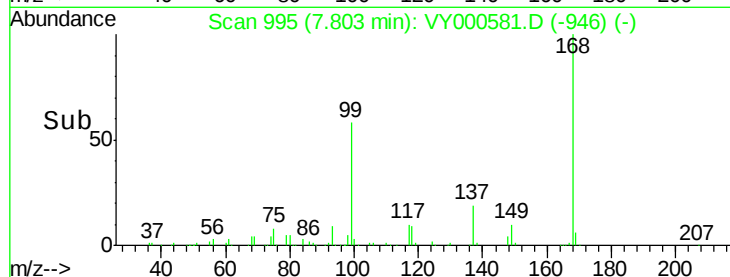
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 60.562 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY000581.D

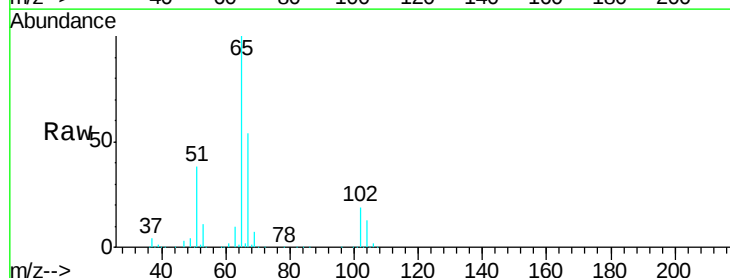
Acq: 07 Nov 2019 15:27

Tgt Ion: 65 Resp: 150344

Ion Ratio Lower Upper

65 100

67 53.1 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY000486.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY000486.D (-1041) (-)

8.15

80000

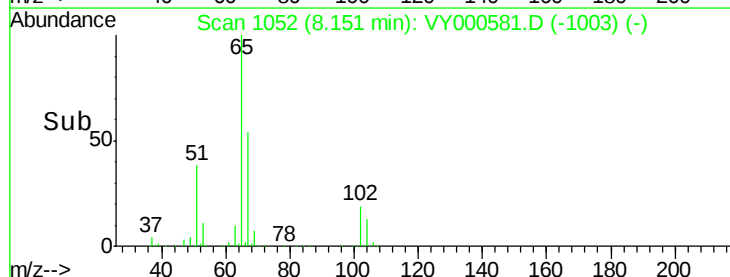
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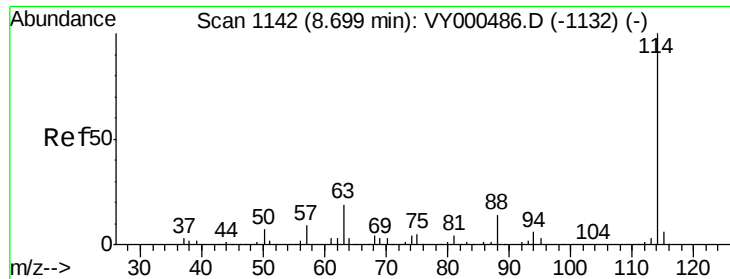
40000

20000

0

Time-->

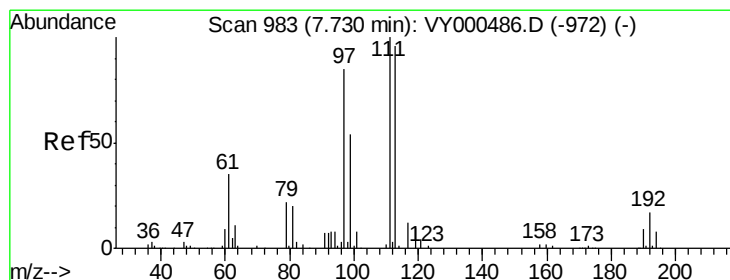
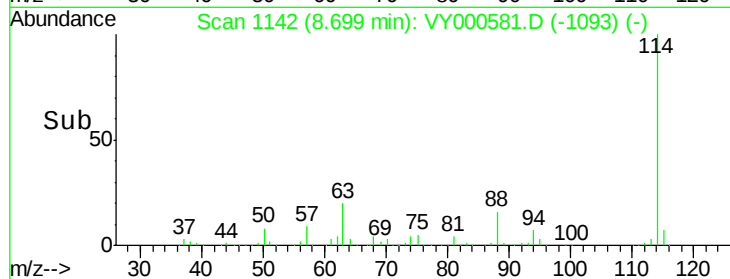
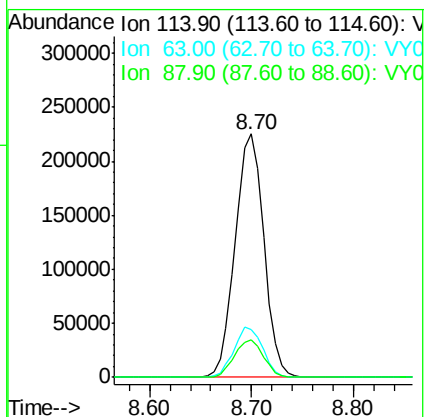
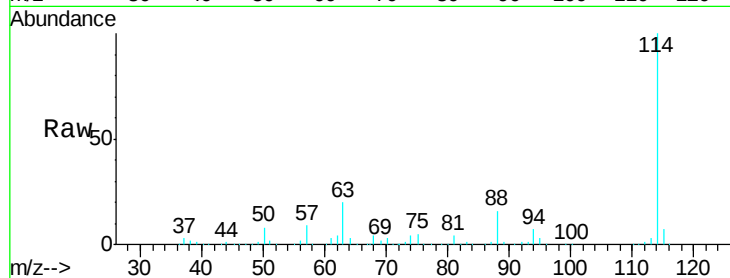




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000581.D
 Acq: 07 Nov 2019 15:27

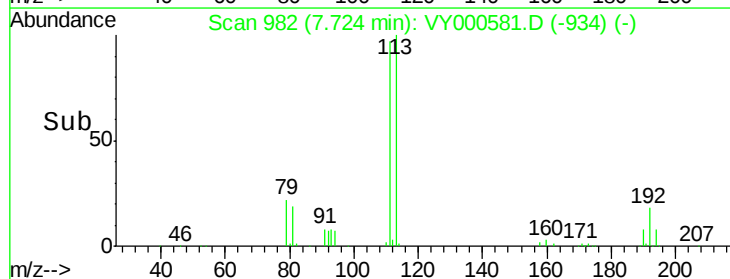
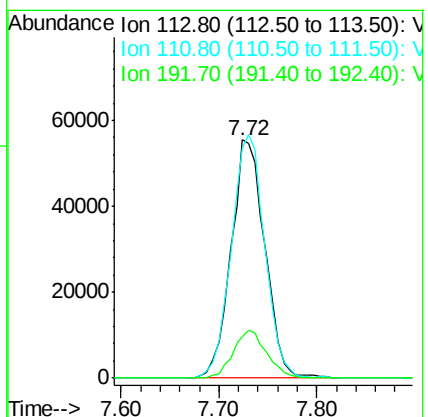
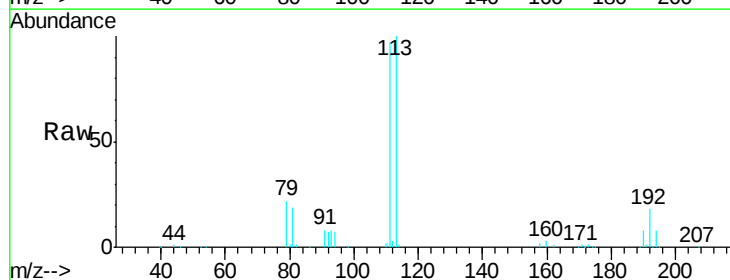
Instrument :
 MSVOA_Y
 ClientSampleId :
 10-A

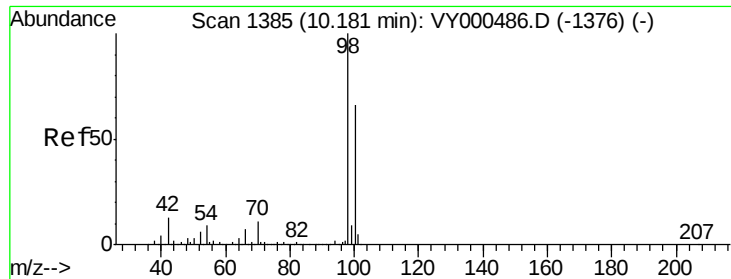
Tgt Ion:114 Resp: 438979
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.0
 88 15.7 0.0 28.6



#35
 Dibromofluoromethane
 Concen: 51.222 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY000581.D
 Acq: 07 Nov 2019 15:27

Tgt Ion:113 Resp: 132005
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.7 122.5
 192 19.9 15.0 22.4





#50

Toluene-d8

Concen: 53.153 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000581.D

Acq: 07 Nov 2019 15:27

Instrument :

MSVOA_Y

ClientSampleId :

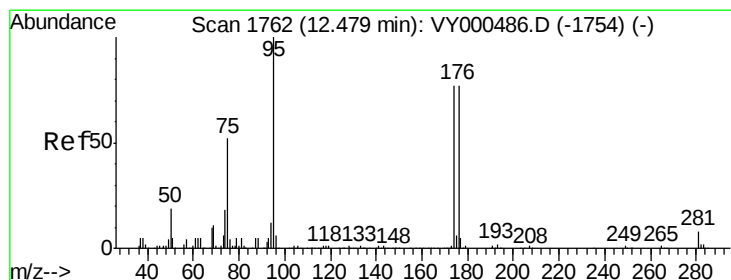
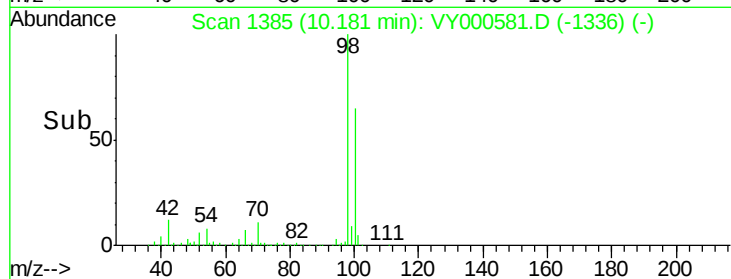
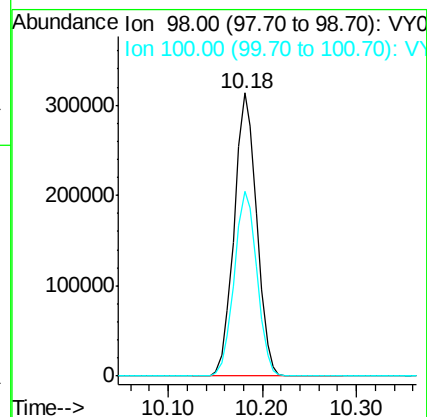
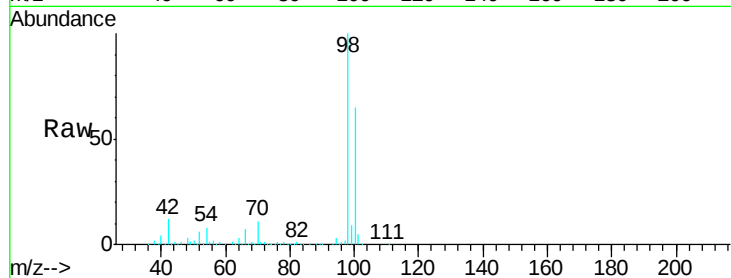
10-A

Tgt Ion: 98 Resp: 519767

Ion Ratio Lower Upper

98 100

100 65.9 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 47.330 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000581.D

Acq: 07 Nov 2019 15:27

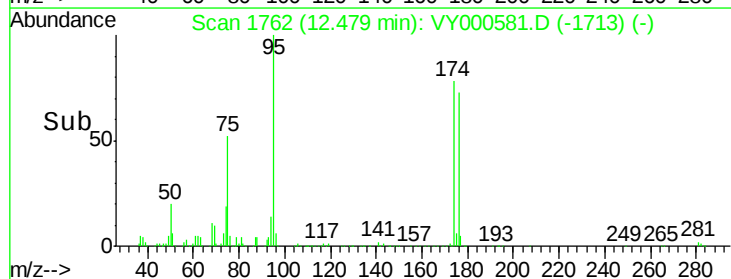
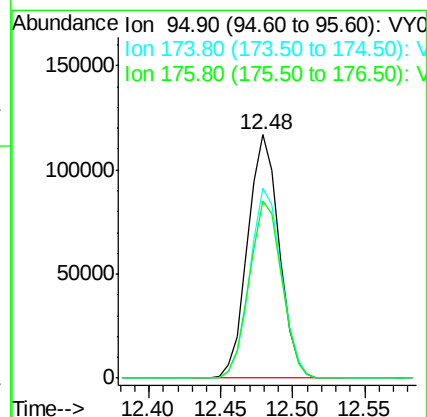
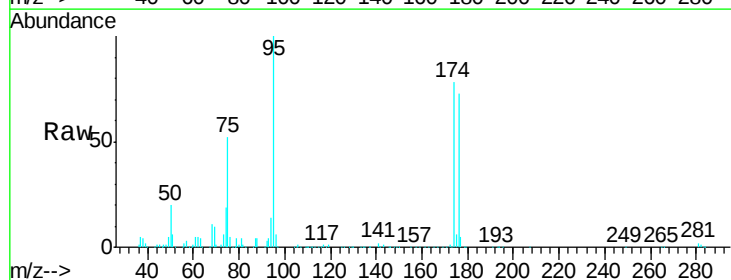
Tgt Ion: 95 Resp: 176195

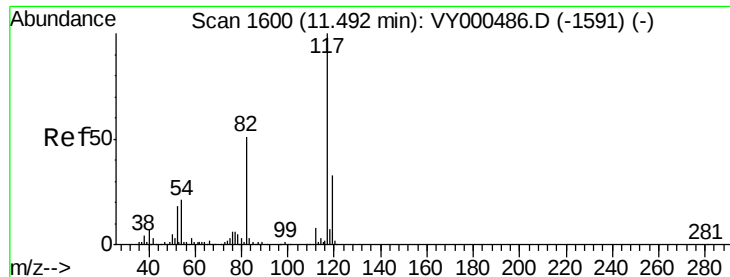
Ion Ratio Lower Upper

95 100

174 78.3 0.0 161.6

176 75.1 0.0 157.8

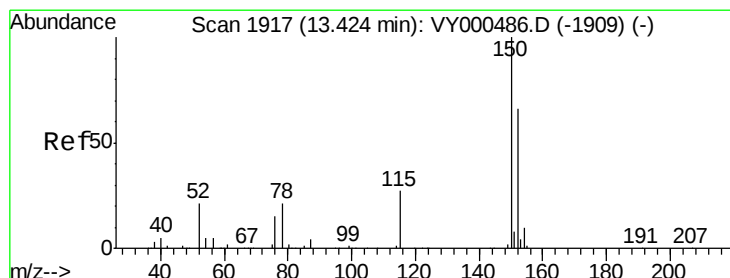
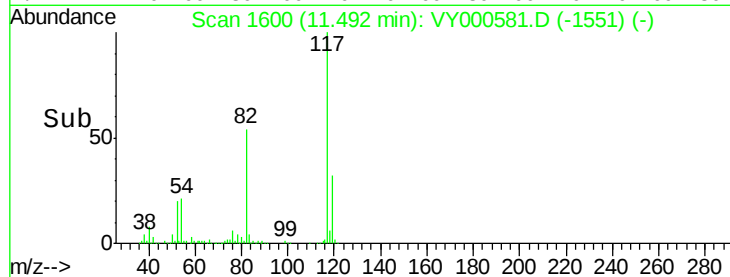
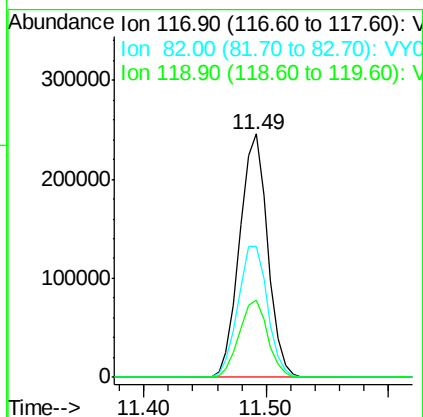
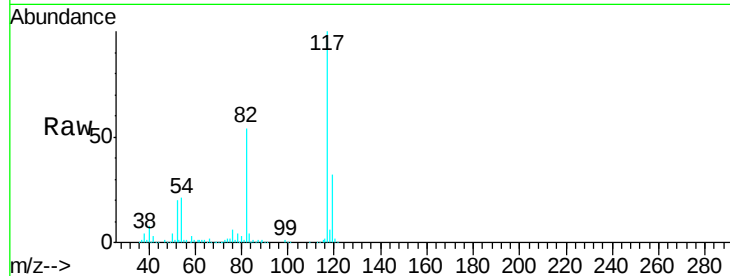




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.49 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: VY000581.D
 Acq: 07 Nov 2019 15:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 10-A

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.6	40.8	61.2
119	31.8	26.2	39.2



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.42 min Scan# 1917
 Delta R.T. 0.00 min
 Lab File: VY000581.D
 Acq: 07 Nov 2019 15:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.0	29.1	87.4
150	154.8	0.0	348.8

