

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110619\
 Data File : VY000554.D
 Acq On : 06 Nov 2019 16:16
 Operator : SY/MD
 Sample : K5675-01RE
 Misc : 7.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-110519RE

Quant Time: Nov 07 06:08:29 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	7.81	168	133219	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	247471	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	222669	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	101691	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	92282	66.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	133.88%	
35) Dibromofluoromethane	7.73	113	74325	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	
50) Toluene-d8	10.19	98	285758	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
62) 4-Bromofluorobenzene	12.48	95	97991	46.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.38%	

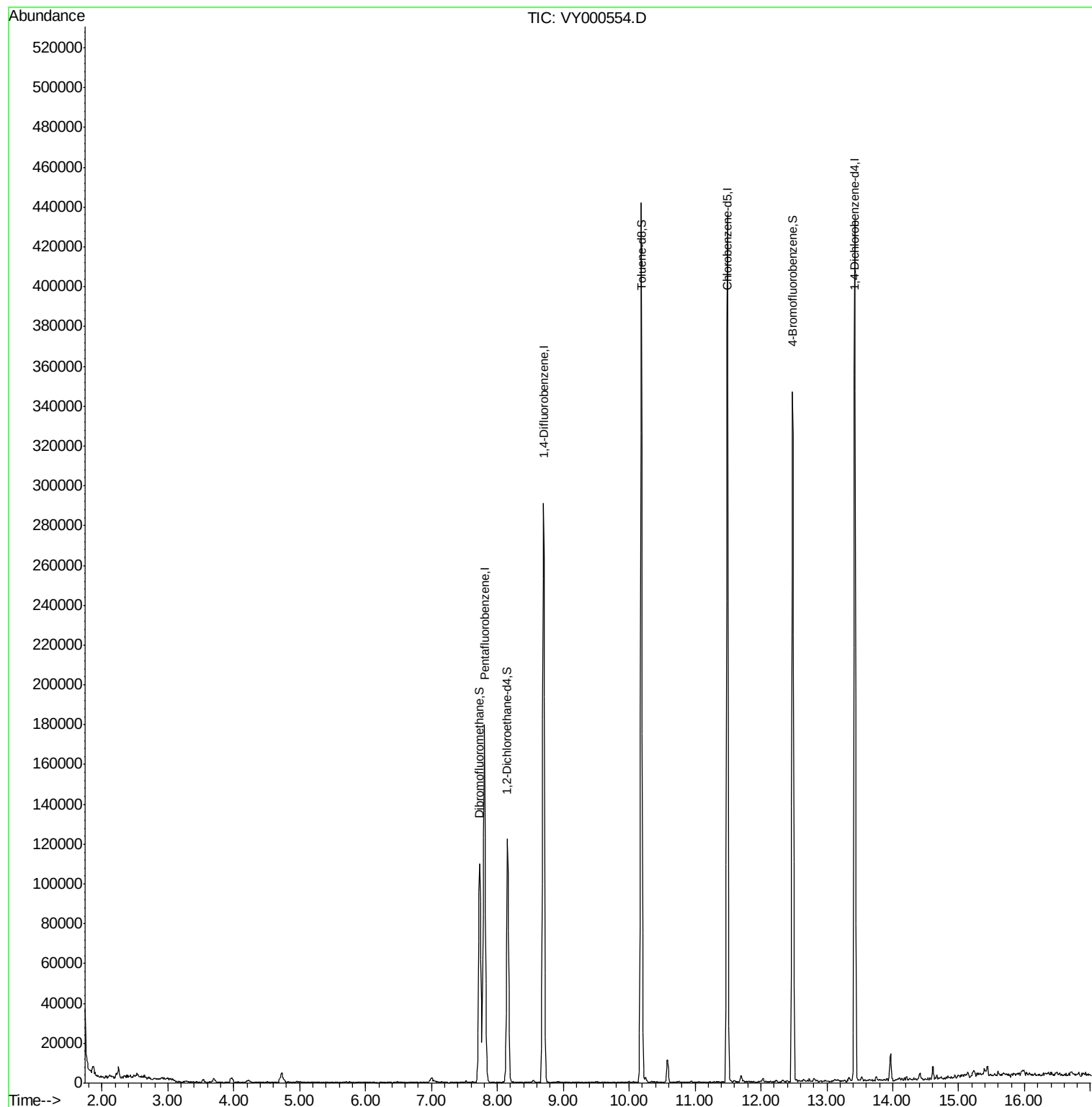
Target Compounds	Qvalue
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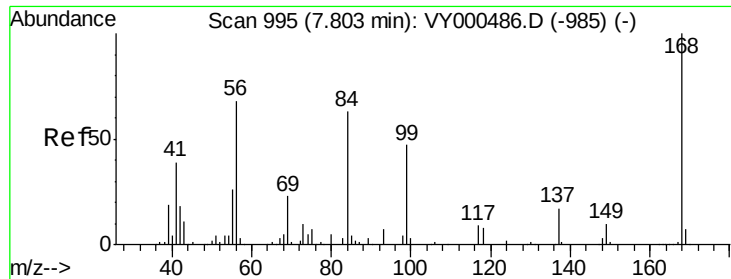
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY000554.D

Acq: 06 Nov 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

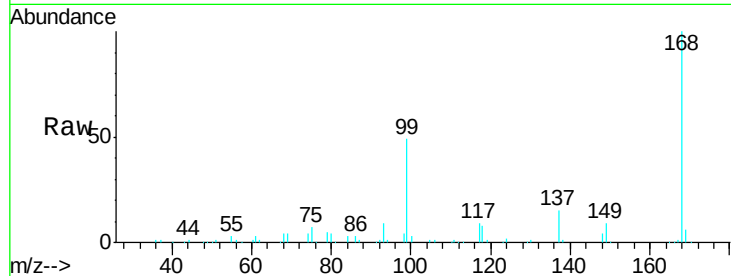
TR-05-110519RE

Tgt Ion: 168 Resp: 133219

Ion Ratio Lower Upper

168 100

99 49.1 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) (-)

7.81

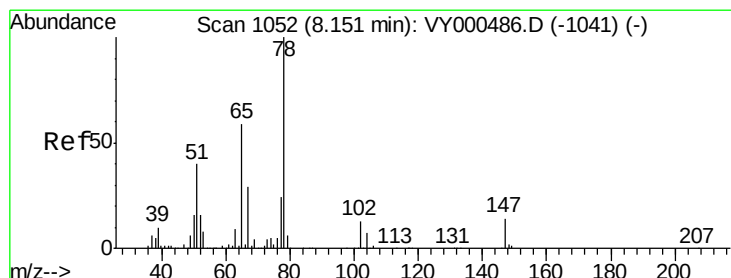
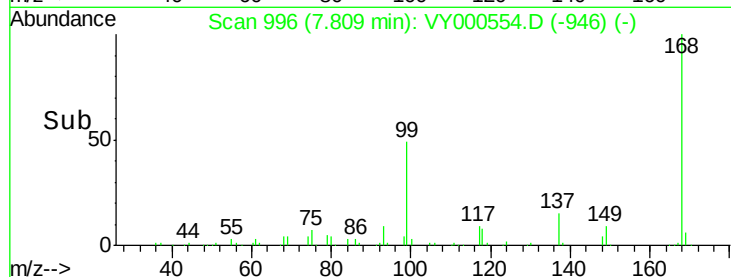
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 66.937 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VY000554.D

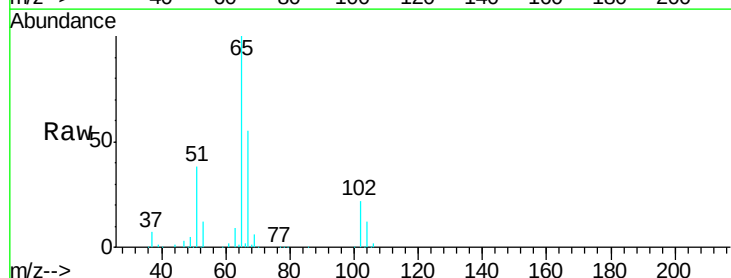
Acq: 06 Nov 2019 16:16

Tgt Ion: 65 Resp: 92282

Ion Ratio Lower Upper

65 100

67 54.0 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) (-)

8.16

50000

40000

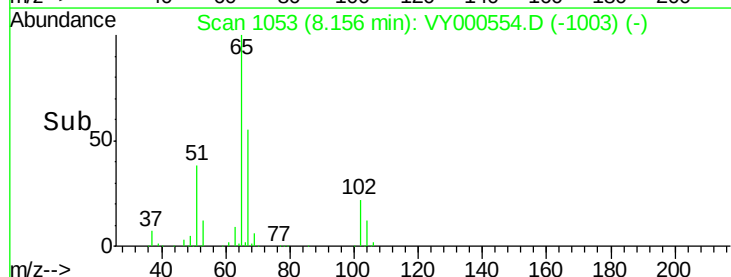
30000

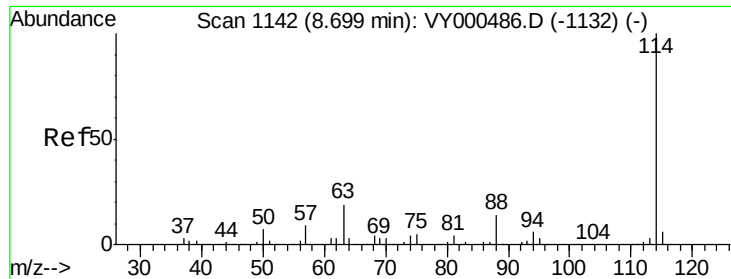
20000

10000

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: VY000554.D

Acq: 06 Nov 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-110519RE

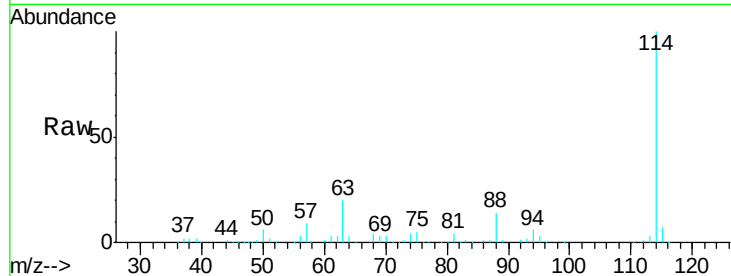
Tgt Ion:114 Resp: 247471

Ion Ratio Lower Upper

114 100

63 20.4 0.0 38.0

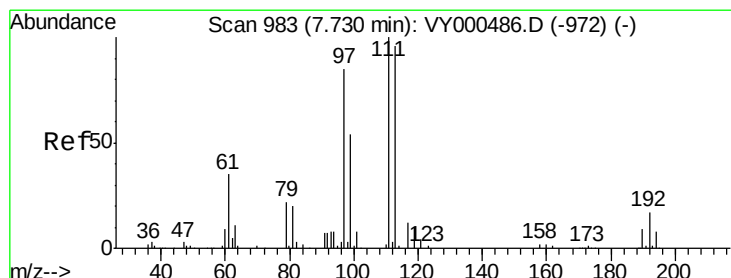
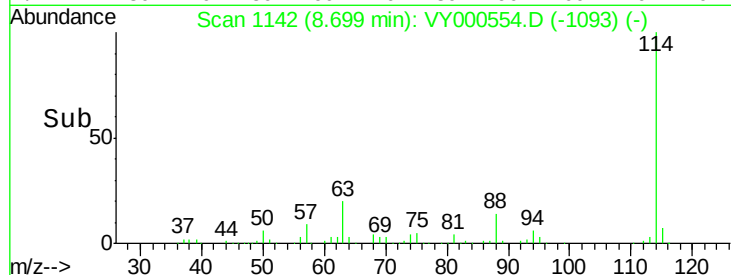
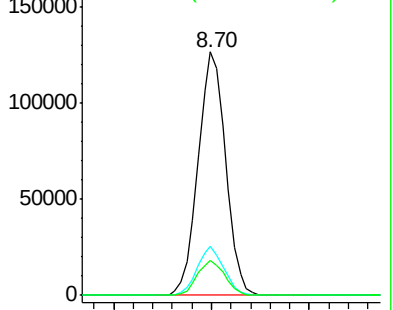
88 14.4 0.0 28.6



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: 51.159 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000554.D

Acq: 06 Nov 2019 16:16

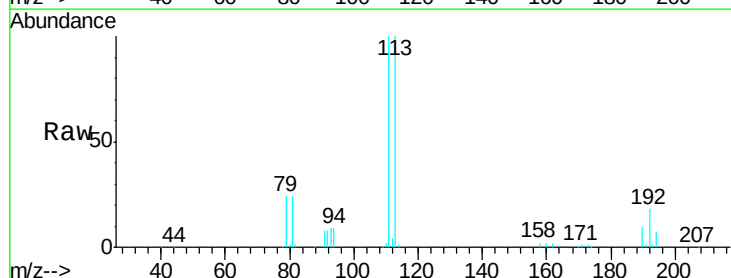
Tgt Ion:113 Resp: 74325

Ion Ratio Lower Upper

113 100

111 106.0 81.7 122.5

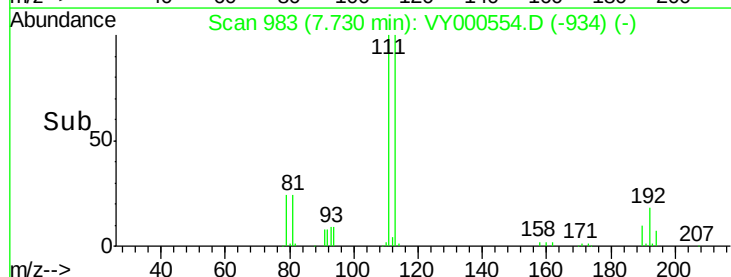
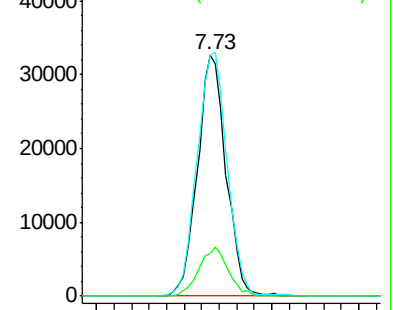
192 20.7 15.0 22.4

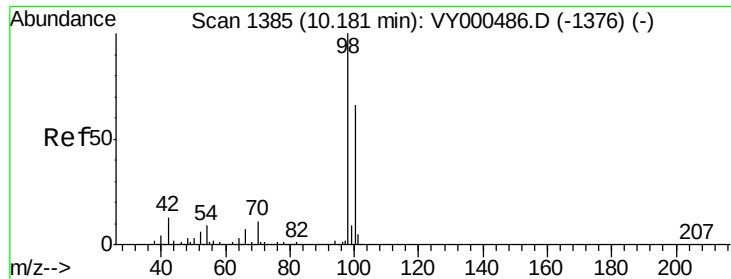


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

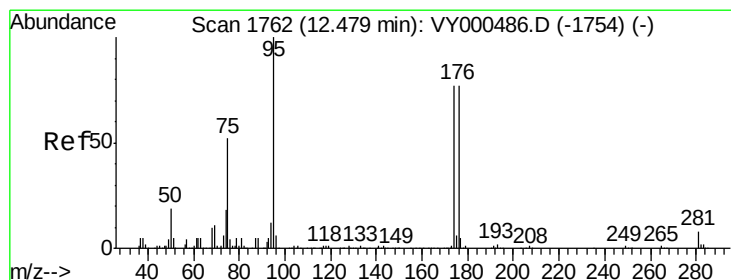
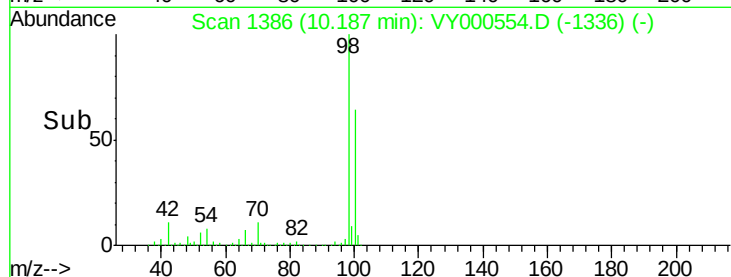
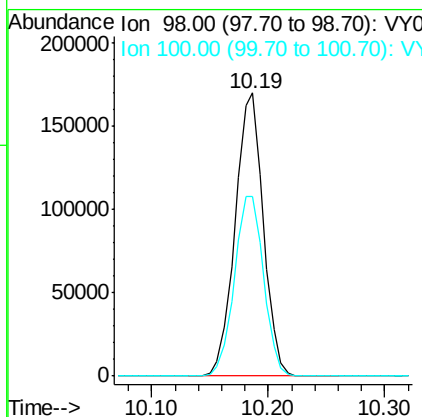
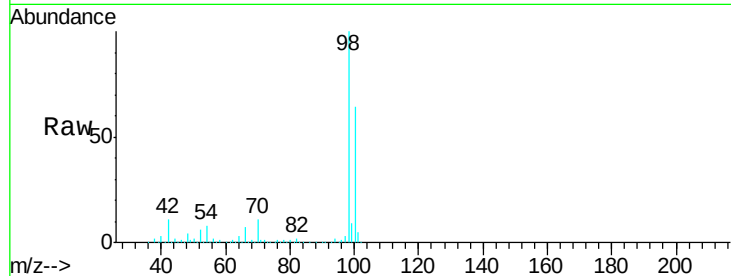




#50
Toluene-d8
Concen: 51.837 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.01 min
Lab File: VY000554.D
Acq: 06 Nov 2019 16:16

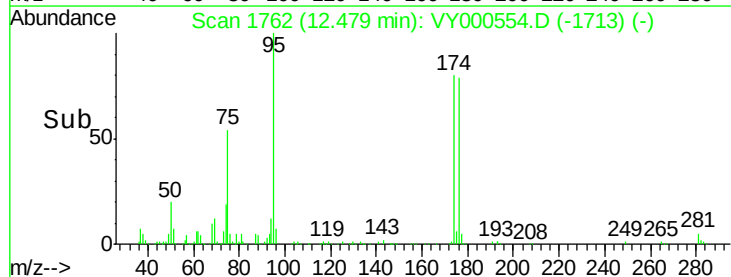
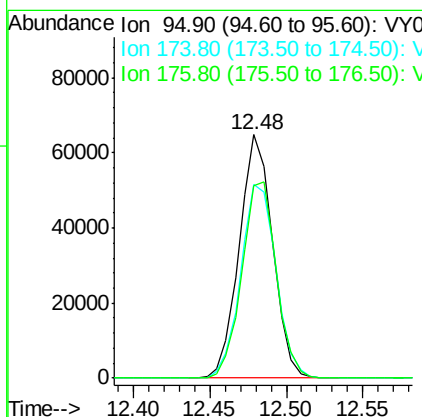
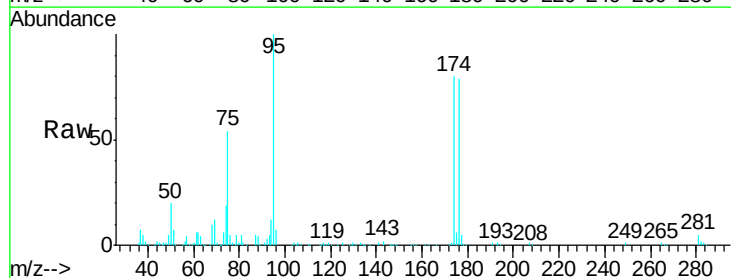
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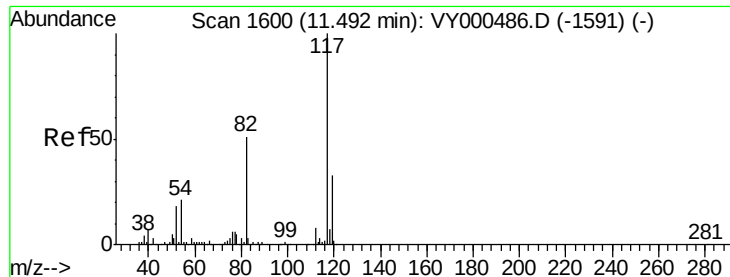
Tgt Ion: 98 Resp: 285758
Ion Ratio Lower Upper
98 100
100 66.2 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 46.693 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000554.D
Acq: 06 Nov 2019 16:16

Tgt Ion: 95 Resp: 97991
Ion Ratio Lower Upper
95 100
174 84.6 0.0 161.6
176 83.2 0.0 157.8

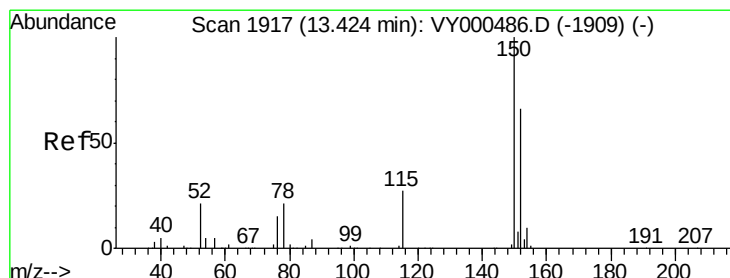
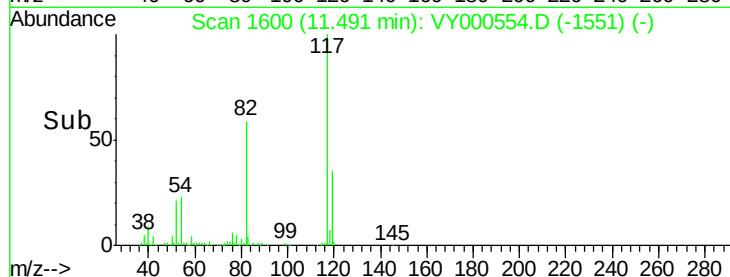
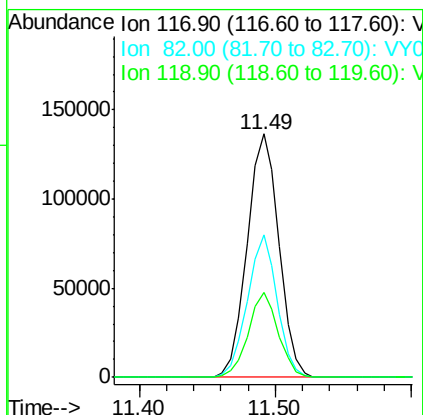
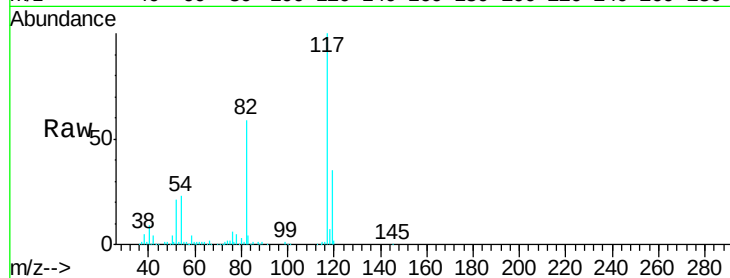




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000554.D
Acq: 06 Nov 2019 16:16

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-110519RE

Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.6	40.8	61.2
119	34.9	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: VY000554.D
Acq: 06 Nov 2019 16:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.0	29.1	87.4
150	156.0	0.0	348.8

