

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112619\
 Data File : VY000803.D
 Acq On : 26 Nov 2019 14:57
 Operator : SY/MD
 Sample : K5792-01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1

Quant Time: Nov 27 05:18:00 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

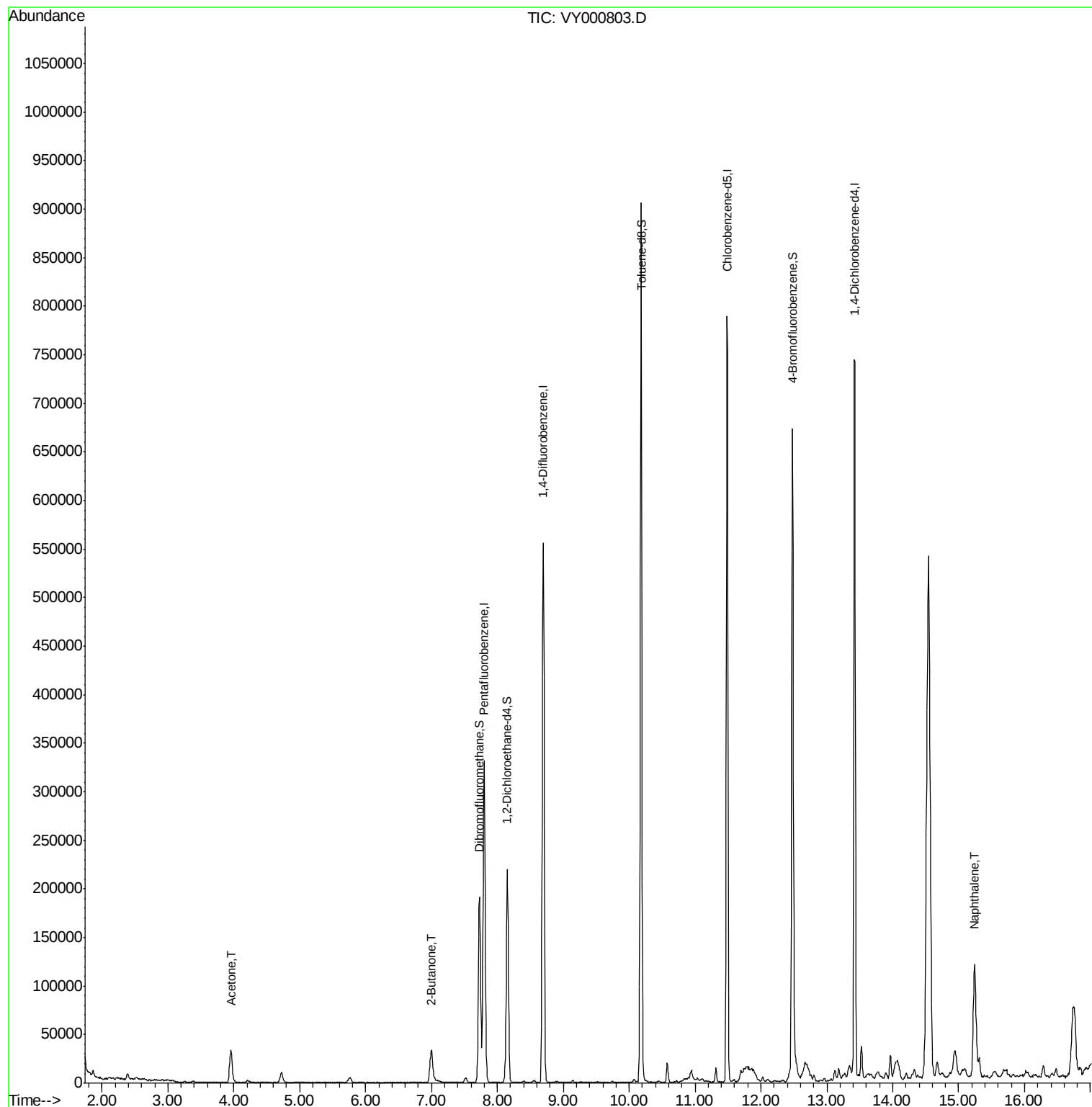
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	252649	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	470390	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	416259	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	179424	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	162653	62.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.42%	
35) Dibromofluoromethane	7.73	113	135940	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.46%	
50) Toluene-d8	10.18	98	559710	53.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.84%	
62) 4-Bromofluorobenzene	12.48	95	190868	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.70%	
Target Compounds						
16) Acetone	3.96	43	56961	79.045	ug/l #	87
25) 2-Butanone	7.00	43	10018	8.711	ug/l #	89
95) Naphthalene	15.23	128	14235	1.762	ug/l #	84

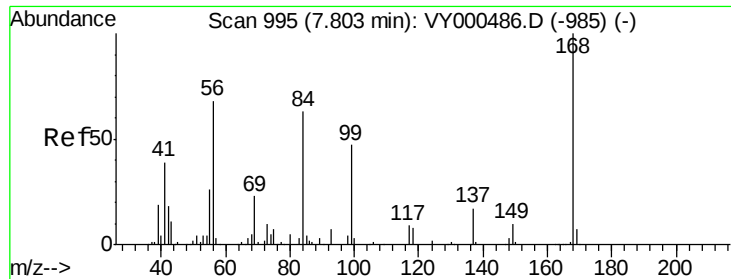
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000803.D

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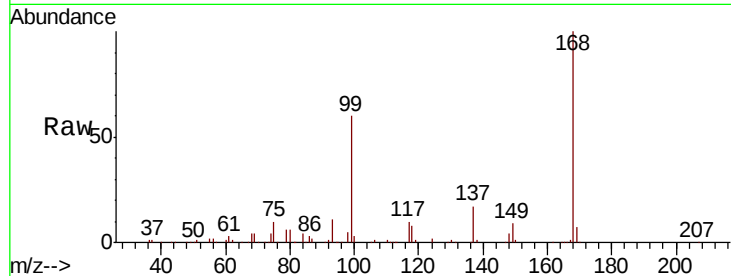
Instrument :
MSVOA_Y
ClientSampled :
1

Tot Ion:168 Resp: 252649

Ion Ratio Lower Upper

168 100

99 60.1 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) (-)

7.80

120000

100000

80000

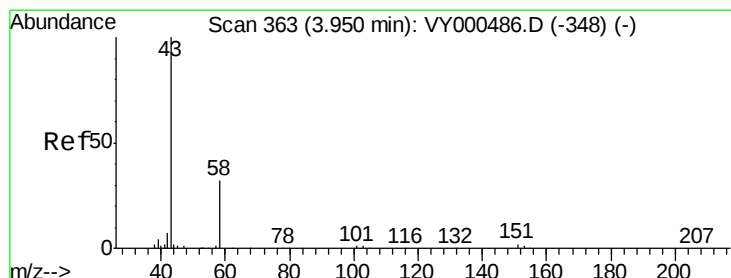
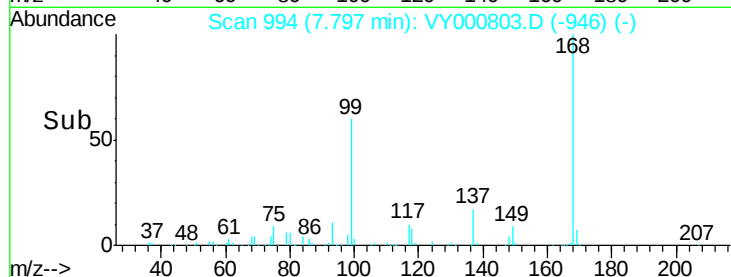
60000

40000

20000

0

Time--> 7.70 7.75 7.80 7.85 7.90



#16

Acetone

Concen: 79.045 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY000803.D

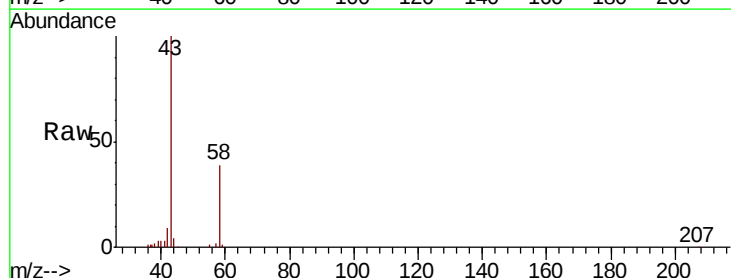
Acq: 26 Nov 2019 14:57

Tgt Ion: 43 Resp: 56961

Ion Ratio Lower Upper

43 100

58 39.2 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VY000486.D (-348) (-)

Ion 58.00 (57.70 to 58.70): VY000486.D (-348) (-)

3.96

20000

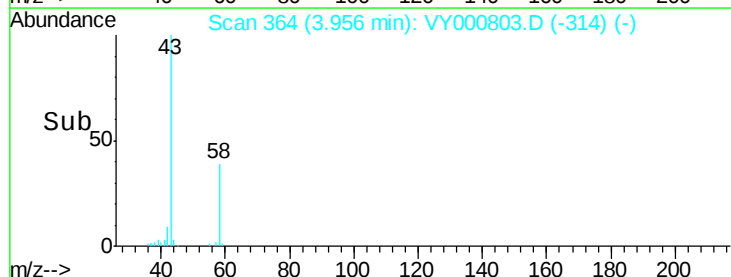
15000

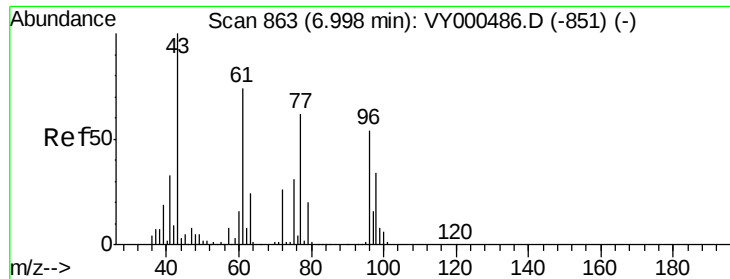
10000

5000

0

Time--> 3.80 3.90 3.95 4.00 4.10





#25

2-Butanone

Concen: 8.711 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY000803.D

Acq: 26 Nov 2019 14:57

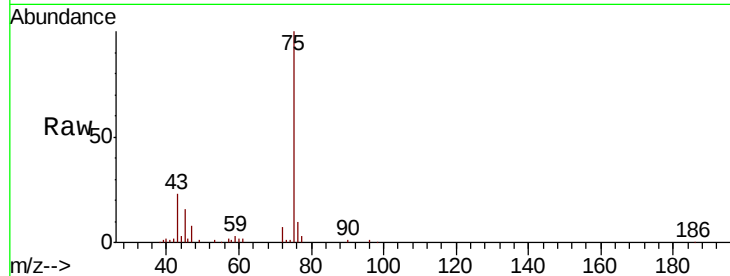
Instrument :
MSVOA_Y
ClientSampleId :
1

Tot Ion: 43 Resp: 10018

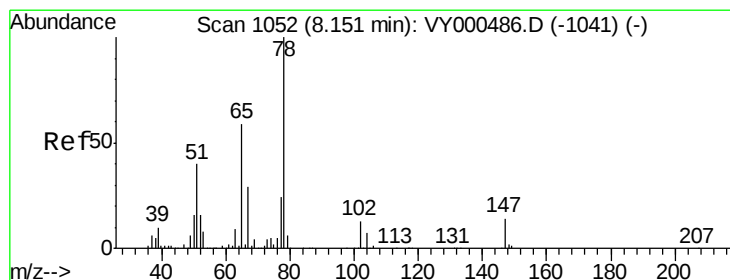
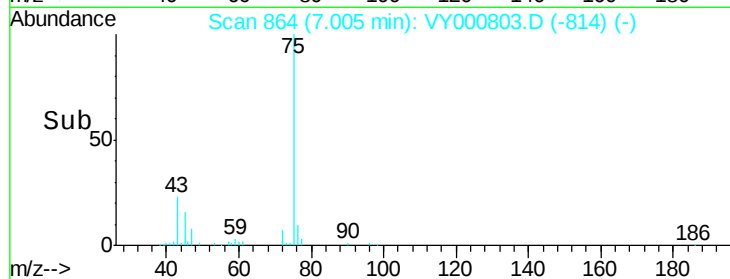
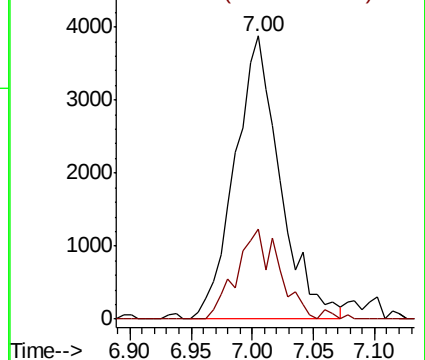
Ion Ratio Lower Upper

43 100

72 31.7 20.9 31.3#



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 62.210 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY000803.D

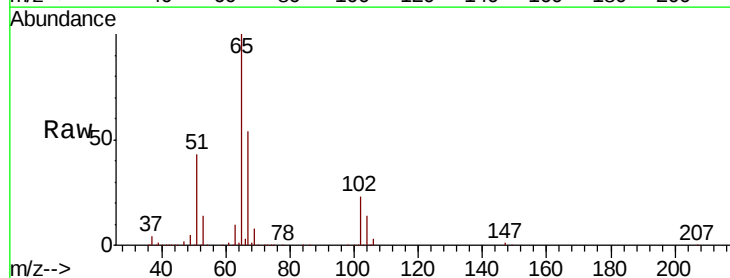
Acq: 26 Nov 2019 14:57

Tgt Ion: 65 Resp: 162653

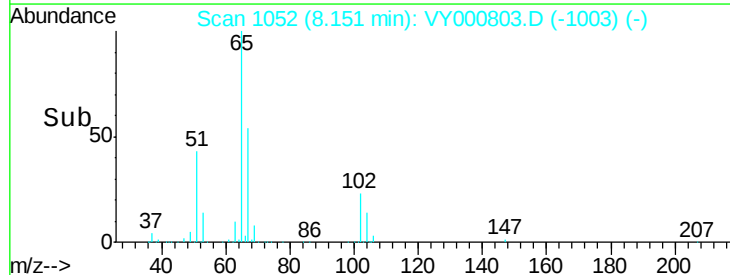
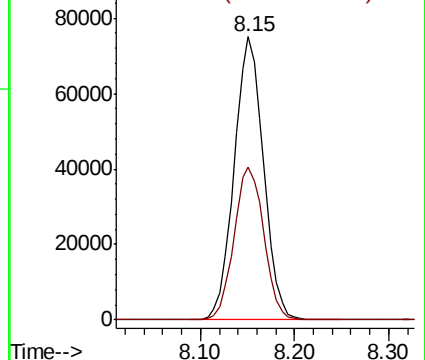
Ion Ratio Lower Upper

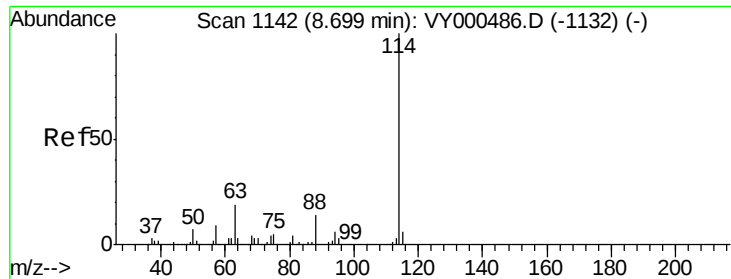
65 100

67 54.7 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

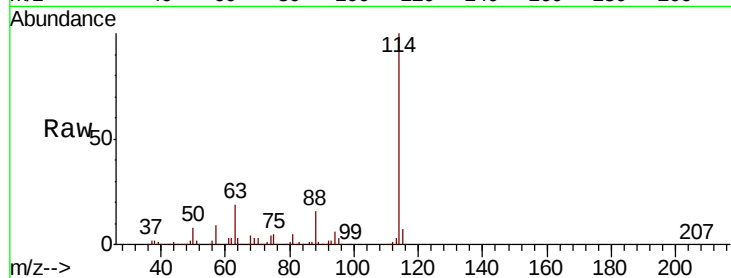




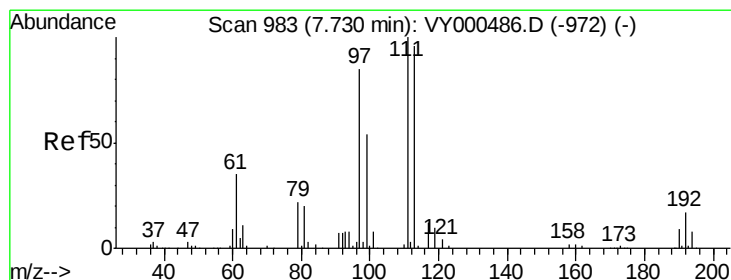
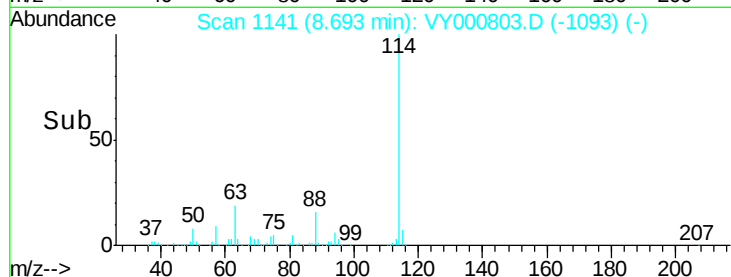
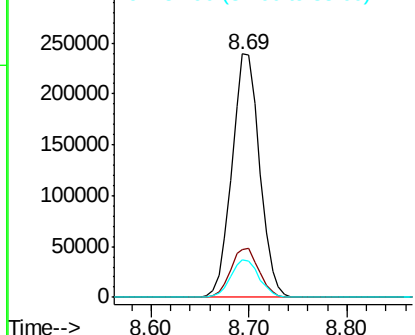
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000803.D
 Acq: 26 Nov 2019 14:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 1

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	38.0
88	15.6	0.0	28.6

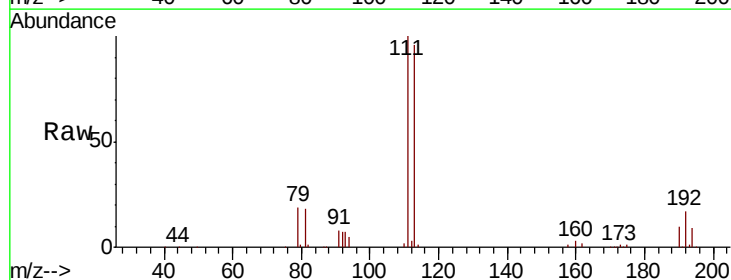


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

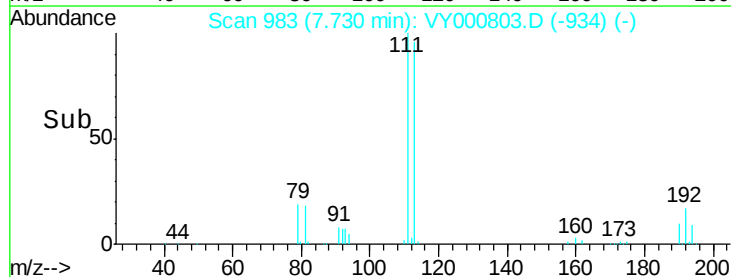
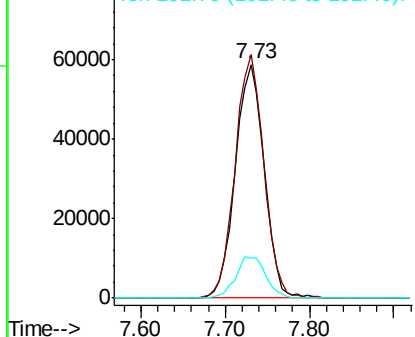


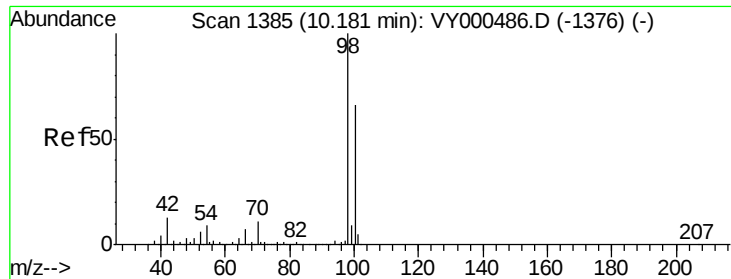
#35
 Dibromofluoromethane
 Concen: 49.227 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000803.D
 Acq: 26 Nov 2019 14:57

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.7	122.5
192	18.3	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: 53.416 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000803.D

Acq: 26 Nov 2019 14:57

Instrument :

MSVOA_Y

ClientSampleId :

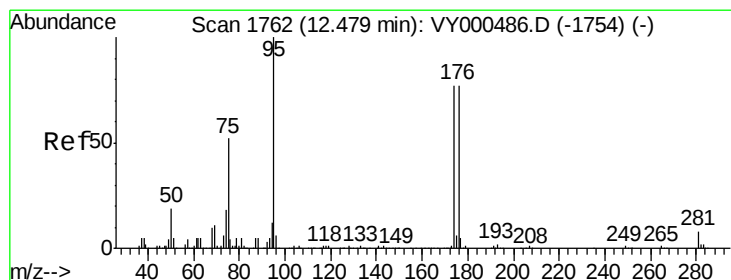
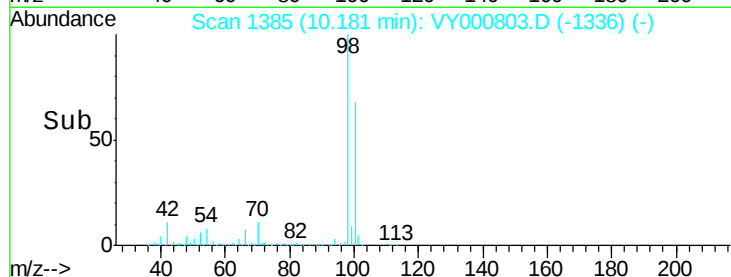
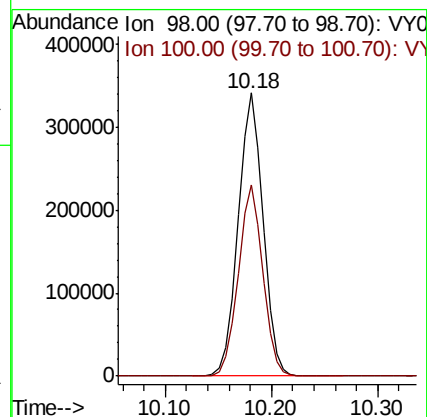
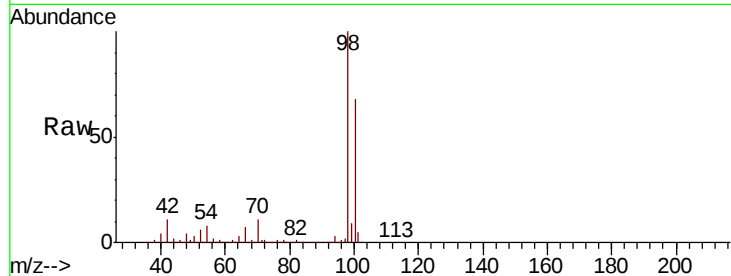
1

Tot Ion: 98 Resp: 559710

Ion Ratio Lower Upper

98 100

100 66.3 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 47.848 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000803.D

Acq: 26 Nov 2019 14:57

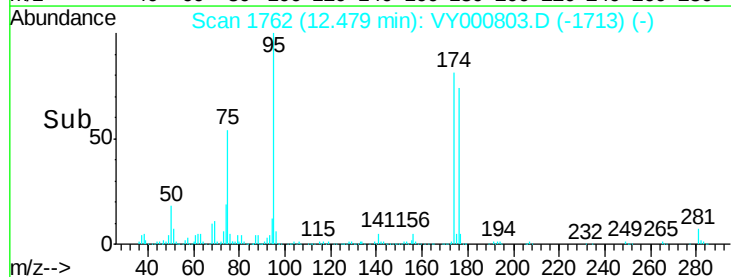
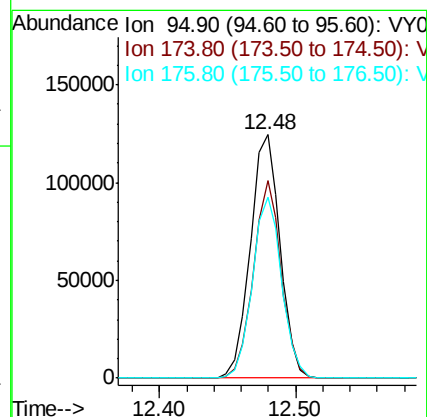
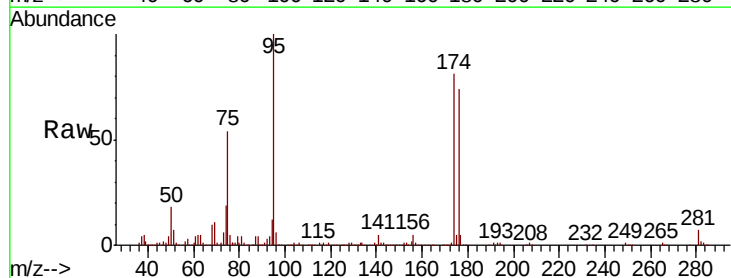
Tgt Ion: 95 Resp: 190868

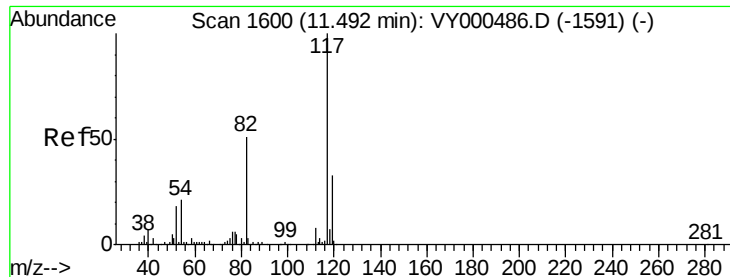
Ion Ratio Lower Upper

95 100

174 76.3 0.0 161.6

176 72.9 0.0 157.8

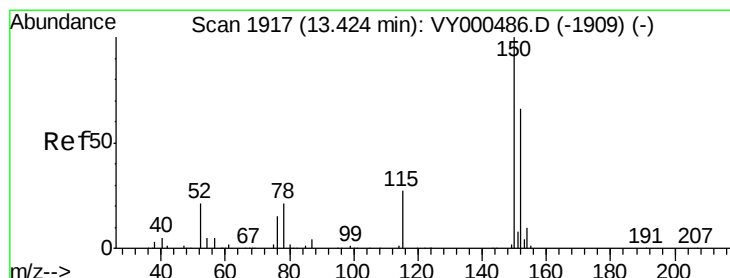
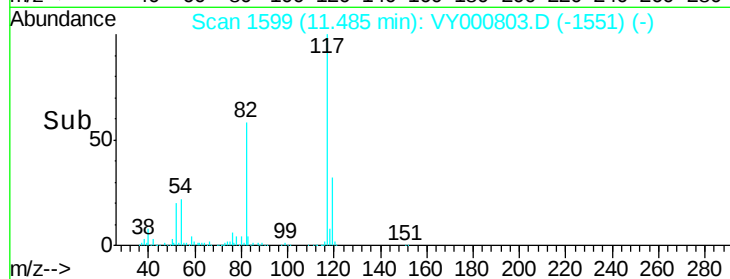
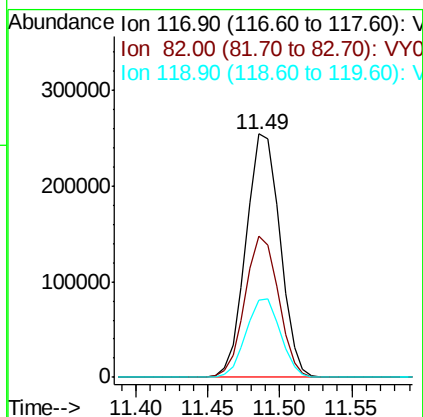
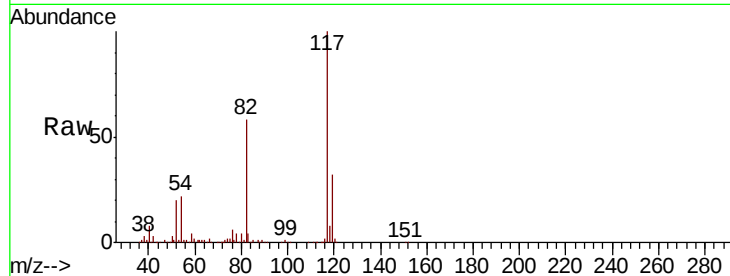




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000803.D
Acq: 26 Nov 2019 14:57

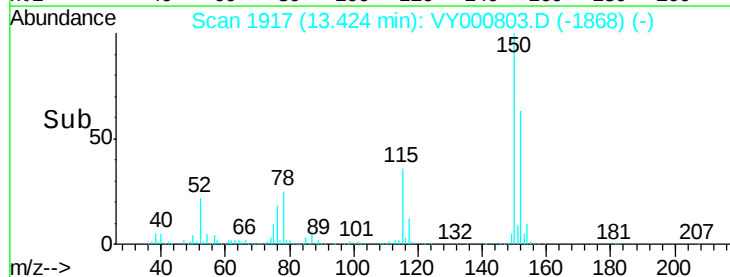
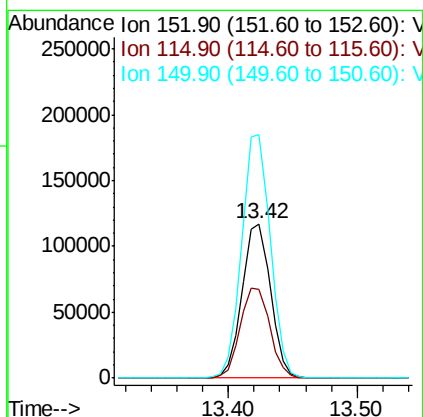
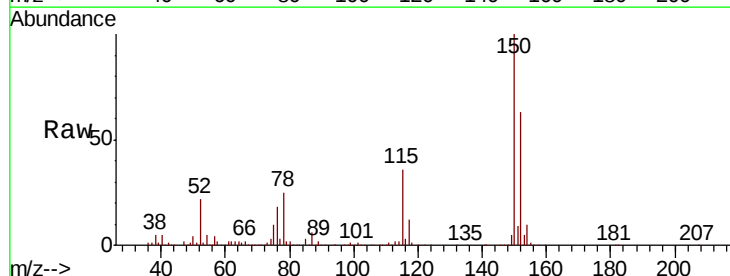
Instrument :
MSVOA_Y
ClientSampleId :
1

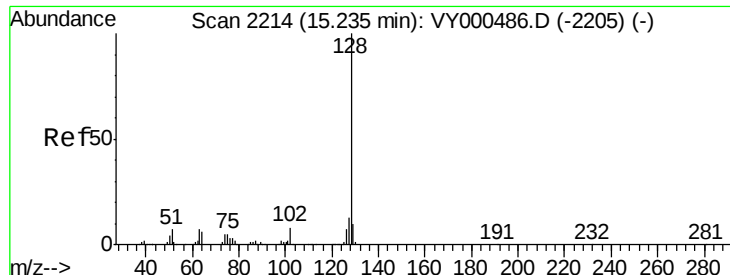
Tot Ion:117 Resp: 416259
Ion Ratio Lower Upper
117 100
82 58.0 40.8 61.2
119 32.0 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000803.D
Acq: 26 Nov 2019 14:57

Tgt Ion:152 Resp: 179424
Ion Ratio Lower Upper
152 100
115 60.7 29.1 87.4
150 157.9 0.0 348.8





#95

Naphthalene

Concen: 1.762 ug/l

RT: 15.23 min Scan# 2213

Delta R.T. -0.01 min

Lab File: VY000803.D

Acq: 26 Nov 2019 14:57

Instrument :

MSVOA_Y

ClientSampleId :

1

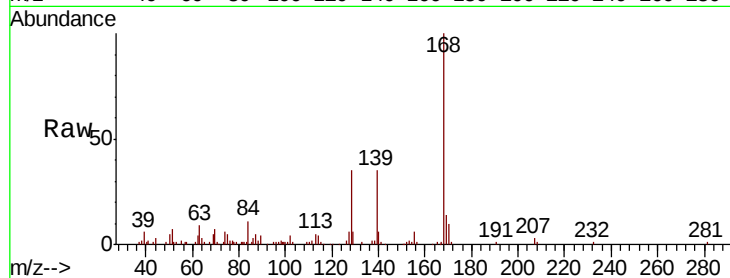
Tot Ion:128 Resp: 14235

Ion Ratio Lower Upper

128 100

127 18.5 9.8 14.6#

129 16.6 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

