

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110819\
 Data File : VY000612.D
 Acq On : 08 Nov 2019 13:21
 Operator : SY/MD
 Sample : K5722-11
 Misc : 7.92G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1-A

Quant Time: Nov 11 05:56:10 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

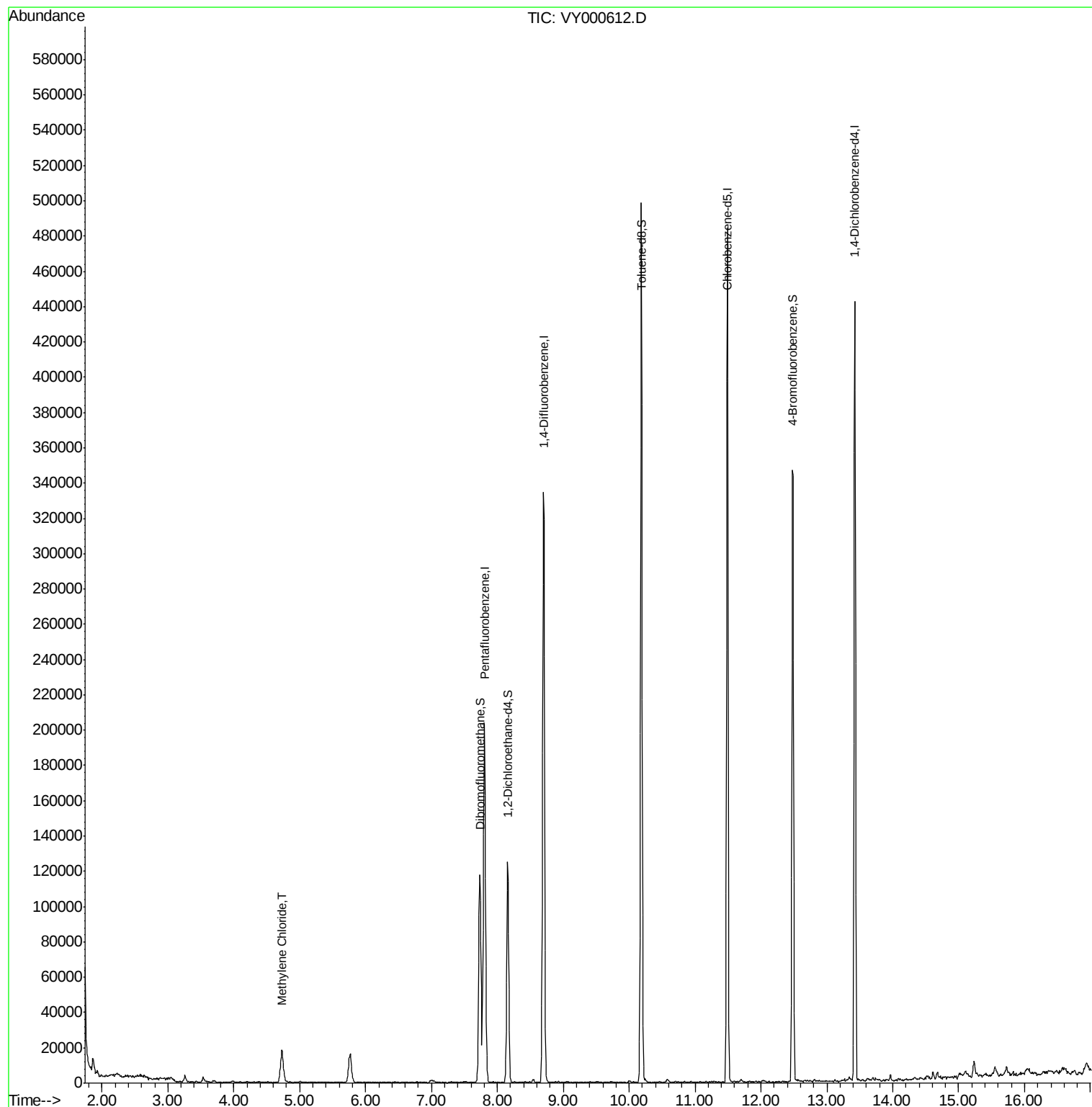
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	156214	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	281877	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	240476	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	105891	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	93178	57.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.28%	
35) Dibromofluoromethane	7.73	113	82524	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
50) Toluene-d8	10.18	98	325343	51.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.62%	
62) 4-Bromofluorobenzene	12.48	95	106005	44.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.70%	
Target Compounds						
20) Methylene Chloride	4.73	84	12764	6.686	ug/l #	93

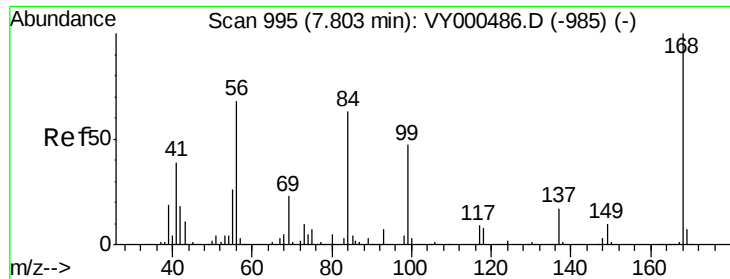
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY110819\
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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: VY000612.D

Acq: 08 Nov 2019 13:21

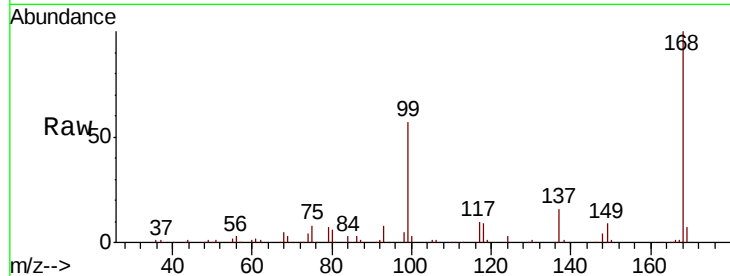
Instrument :
MSVOA_Y
ClientSampleId :
1-A

Tot Ion:168 Resp: 156214

Ion Ratio Lower Upper

168 100

99 57.1 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

60000

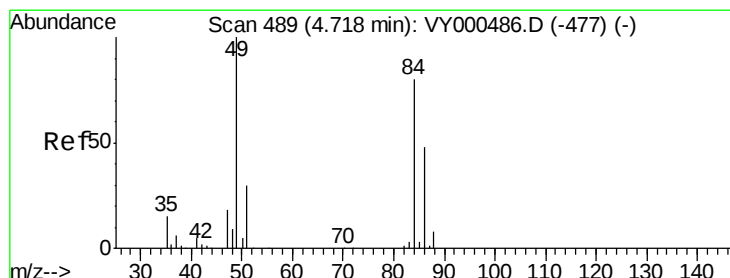
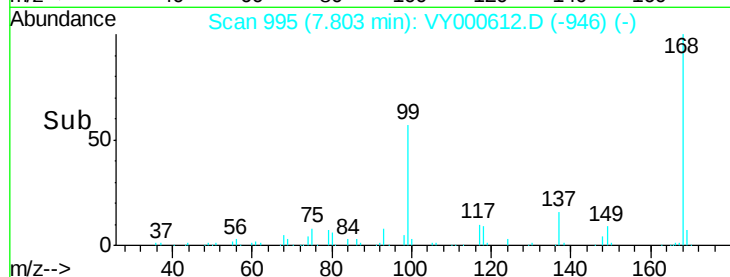
40000

20000

0

7.70 7.80 7.90

Time-->



#20

Methylene Chloride

Concen: 6.686 ug/l

RT: 4.73 min Scan# 491

Delta R.T. 0.01 min

Lab File: VY000612.D

Acq: 08 Nov 2019 13:21

Tgt Ion: 84 Resp: 12764

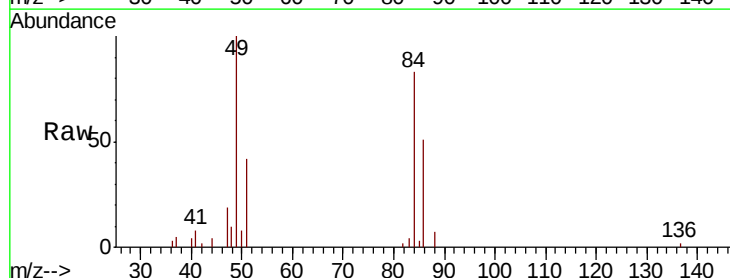
Ion Ratio Lower Upper

84 100

49 120.3 100.2 150.4

51 50.1 29.6 44.4#

86 61.7 48.3 72.5



Abundance Ion 83.90 (83.60 to 84.60): VY000486.D (-477) (-)

Ion 48.90 (48.60 to 49.60): VY000486.D (-477) (-)

Ion 50.90 (50.60 to 51.60): VY000486.D (-477) (-)

Ion 85.90 (85.60 to 86.60): VY000486.D (-477) (-)

4.73

6000

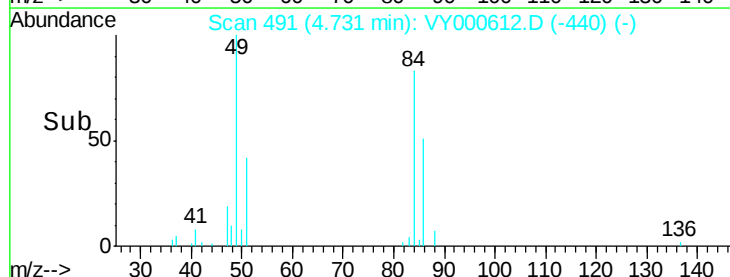
4000

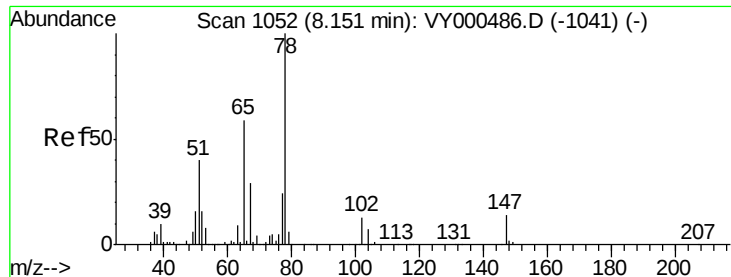
2000

0

4.60 4.70 4.80

Time-->





#33

1,2-Dichloroethane-d4

Concen: 57.638 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VY000612.D

Acq: 08 Nov 2019 13:21

Instrument :

MSVOA_Y

ClientSampleId :

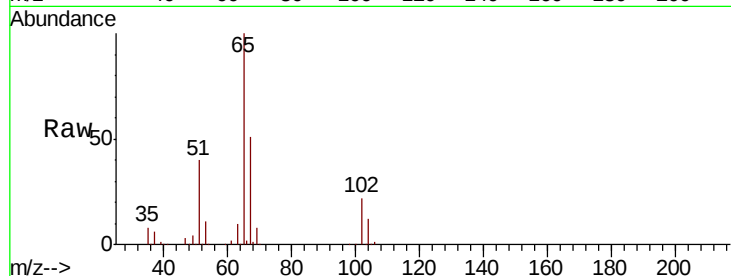
1-A

Tot Ion: 65 Resp: 93178

Ion Ratio Lower Upper

65 100

67 52.3 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

8.16

40000

30000

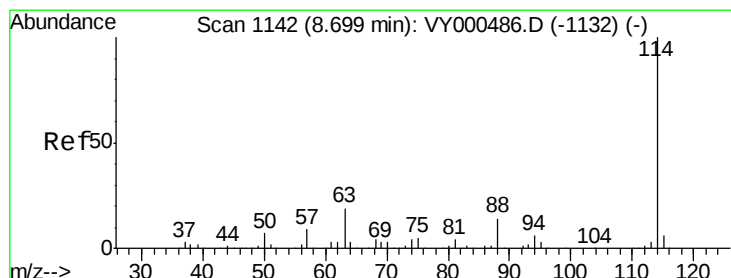
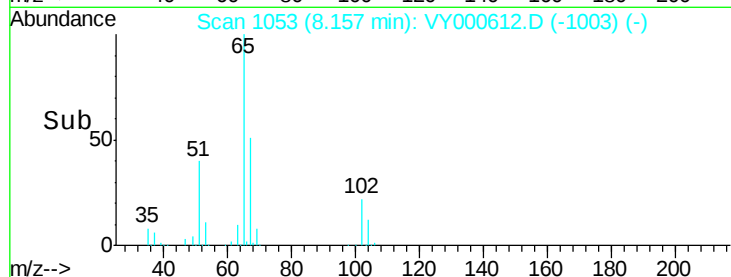
20000

10000

0

8.05 8.10 8.15 8.20 8.25

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VY000612.D

Acq: 08 Nov 2019 13:21

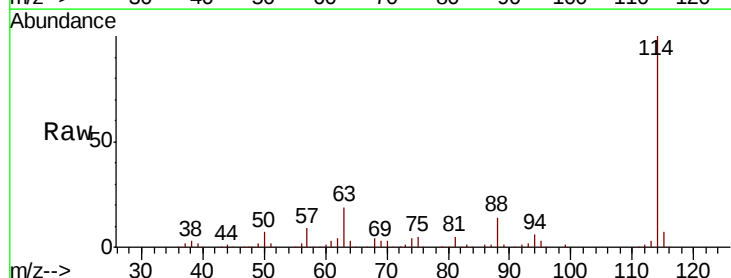
Tgt Ion: 114 Resp: 281877

Ion Ratio Lower Upper

114 100

63 18.9 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

8.70

200000

150000

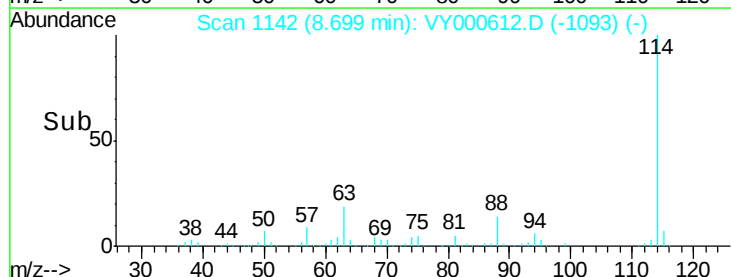
100000

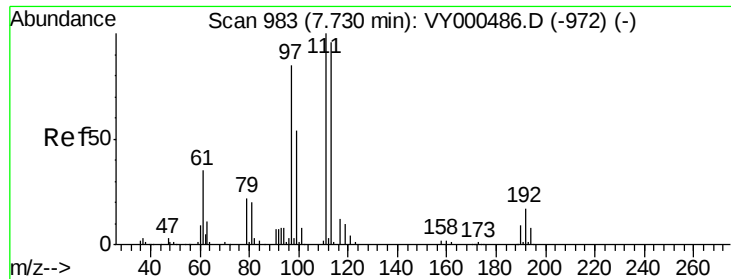
50000

0

8.60 8.65 8.70 8.75 8.80

Time-->

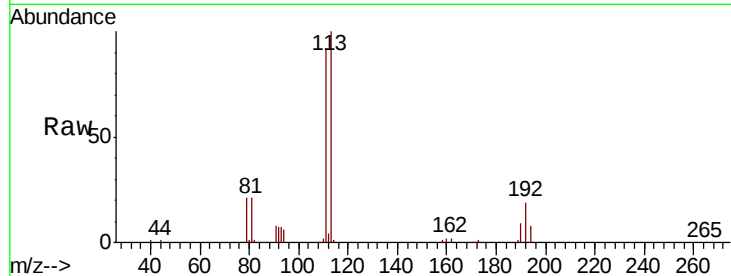




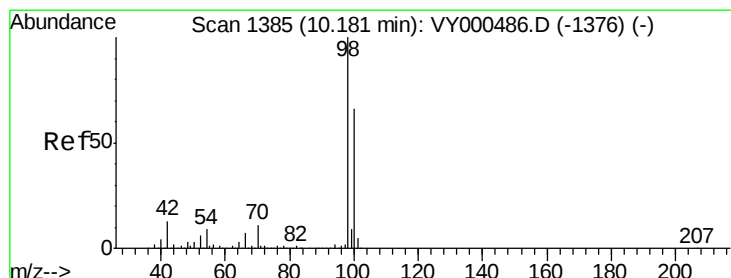
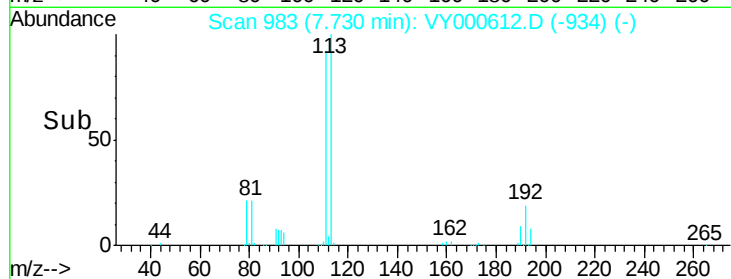
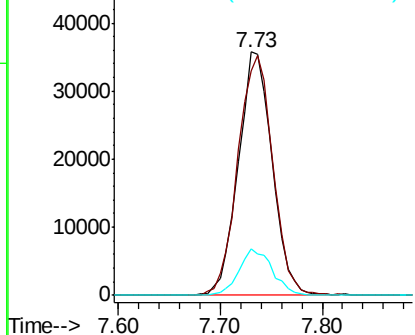
#35
 Dibromofluoromethane
 Concen: 49.869 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000612.D
 Acq: 08 Nov 2019 13:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 1-A

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.7	122.5
192	18.8	15.0	22.4

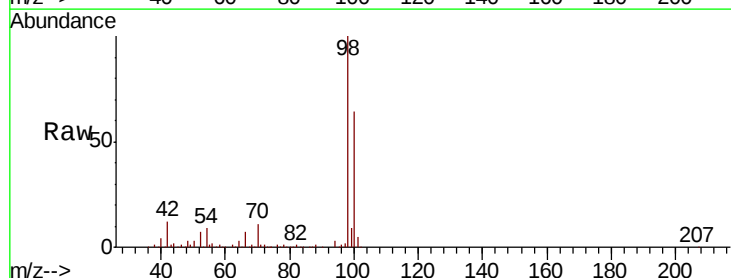


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

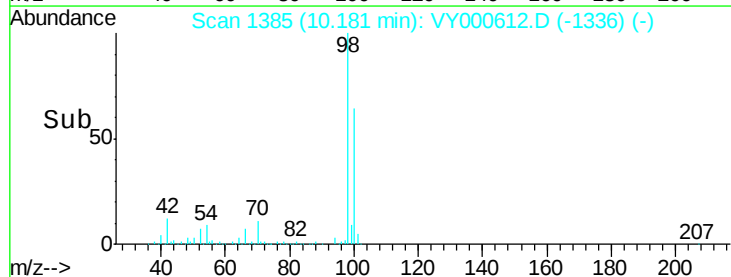
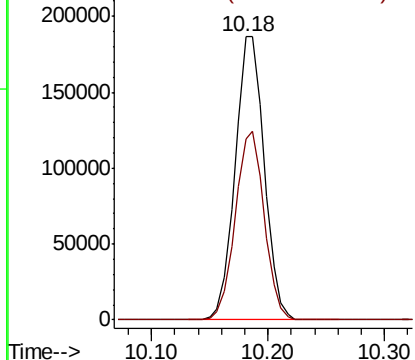


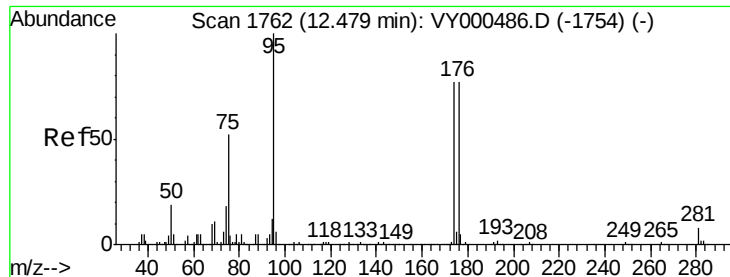
#50
 Toluene-d8
 Concen: 51.814 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: VY000612.D
 Acq: 08 Nov 2019 13:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.9	79.3



Abundance Ion 98.00 (97.70 to 98.70): VY0
 Ion 100.00 (99.70 to 100.70): VY

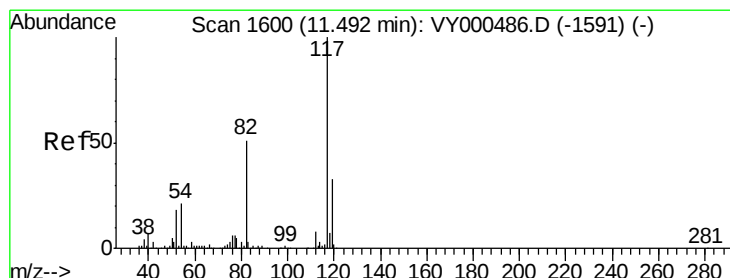
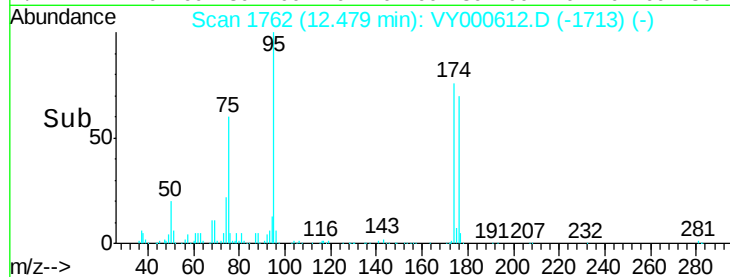
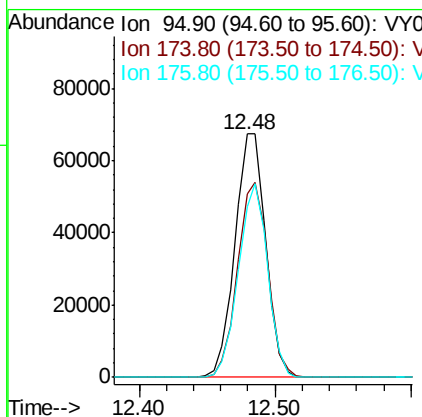
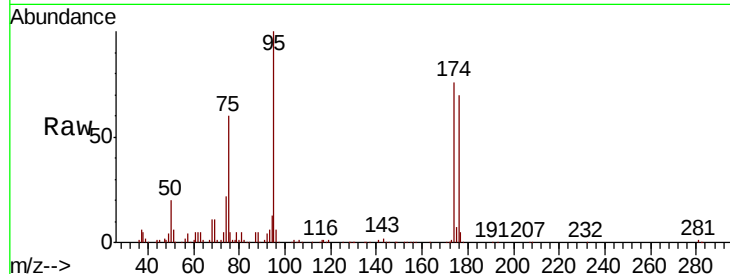




#62
4-Bromofluorobenzene
Concen: 44.346 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY000612.D
Acq: 08 Nov 2019 13:21

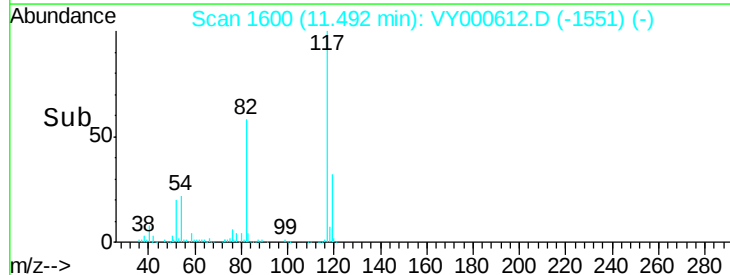
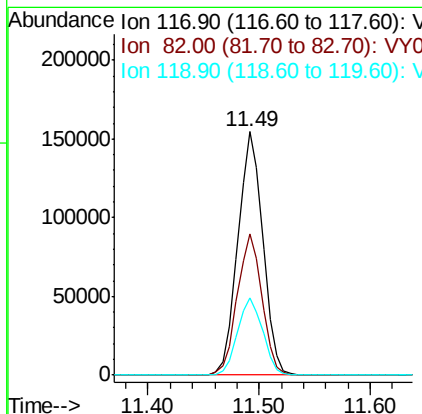
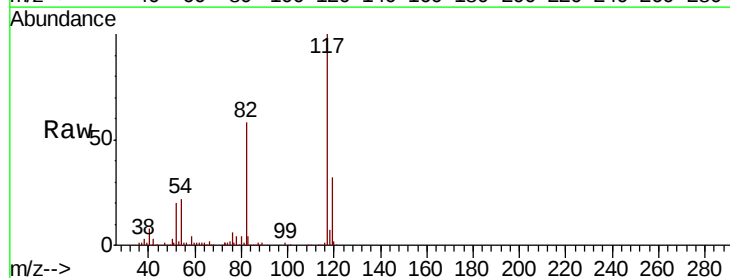
Instrument :
MSVOA_Y
ClientSampled :
1-A

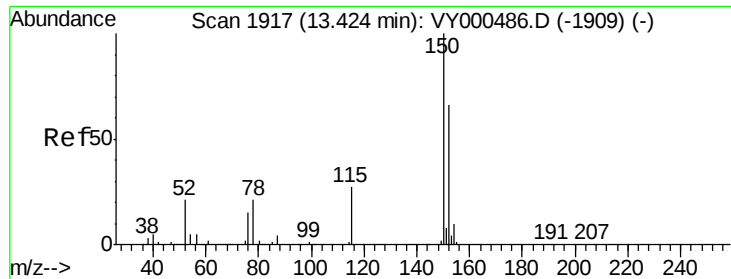
Tot Ion	95	Resp	106005
Ion Ratio	Lower	Upper	
95	100		
174	79.3	0.0	161.6
176	75.7	0.0	157.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000612.D
Acq: 08 Nov 2019 13:21

Tgt Ion	117	Resp	240476
Ion Ratio	Lower	Upper	
117	100		
82	58.2	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: VY000612.D

Acq: 08 Nov 2019 13:21

Instrument :

MSVOA_Y

ClientSampleId :

1-A

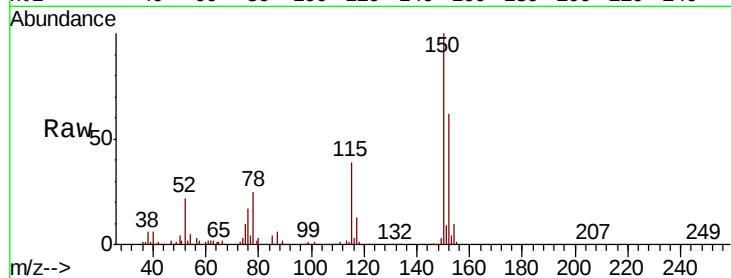
Tot Ion:152 Resp: 105891

Ion Ratio Lower Upper

152 100

115 58.6 29.1 87.4

150 158.7 0.0 348.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

