

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110819\
 Data File : VY000621.D
 Acq On : 08 Nov 2019 16:41
 Operator : SY/MD
 Sample : K5722-20
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 3-D

Quant Time: Nov 11 06:20:53 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

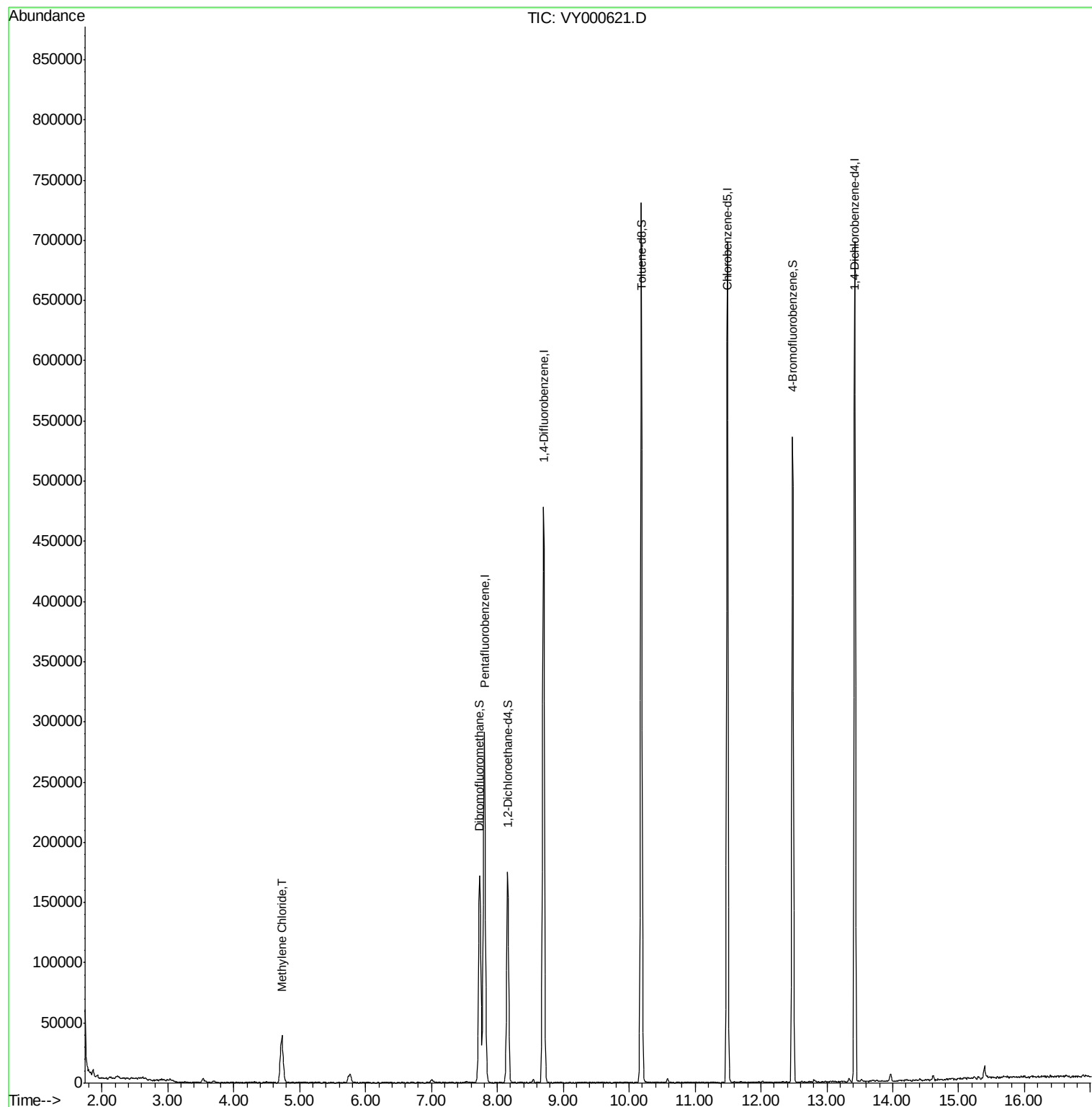
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	224513	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	410886	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	364545	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	159681	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	134116	57.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.44%	
35) Dibromofluoromethane	7.73	113	120294	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
50) Toluene-d8	10.18	98	479237	52.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.72%	
62) 4-Bromofluorobenzene	12.48	95	161832	46.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.88%	
Target Compounds						
20) Methylene Chloride	4.72	84	28089	10.237	ug/l	Qvalue 95

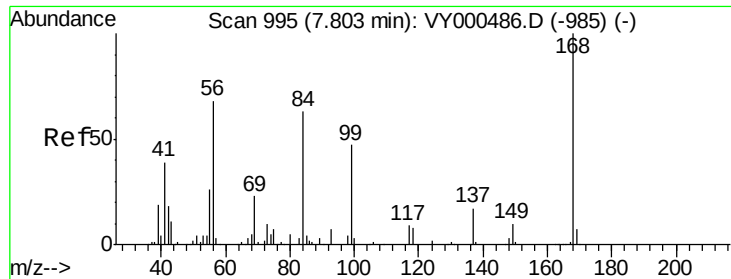
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 30 13:30:53 2019
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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: VY000621.D

Acq: 08 Nov 2019 16:41

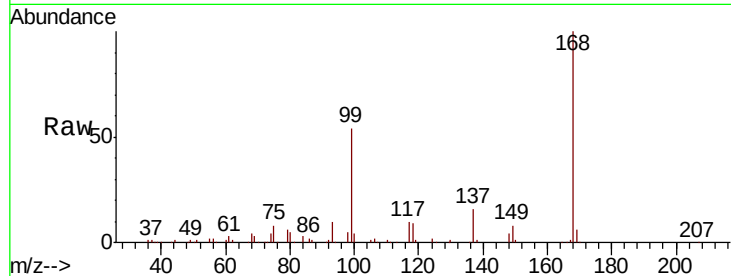
Instrument :
MSVOA_Y
ClientSampled :
3-D

Tot Ion:168 Resp: 224513

Ion Ratio Lower Upper

168 100

99 54.3 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

100000

80000

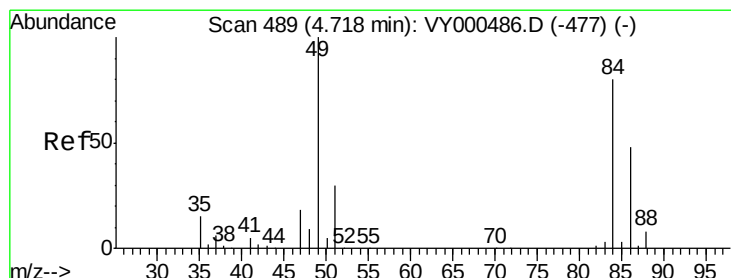
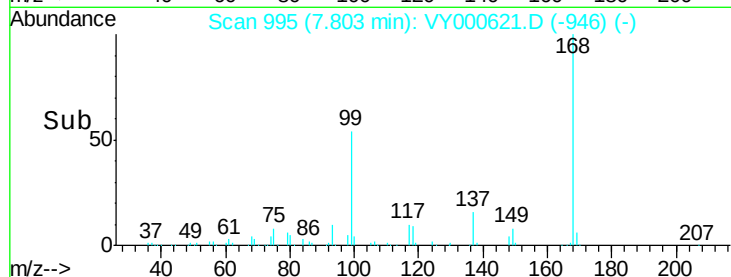
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 10.237 ug/l

RT: 4.72 min Scan# 489

Delta R.T. 0.00 min

Lab File: VY000621.D

Acq: 08 Nov 2019 16:41

Tgt Ion: 84 Resp: 28089

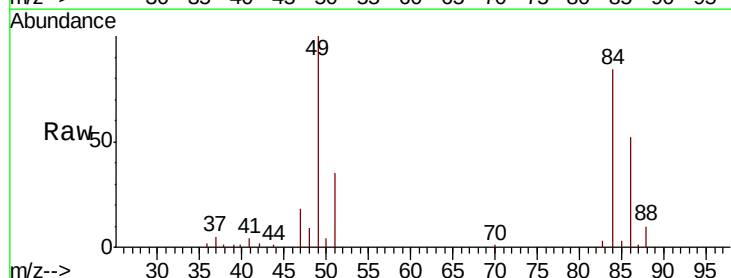
Ion Ratio Lower Upper

84 100

49 119.0 100.2 150.4

51 41.9 29.6 44.4

86 61.3 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) (-)

4.72

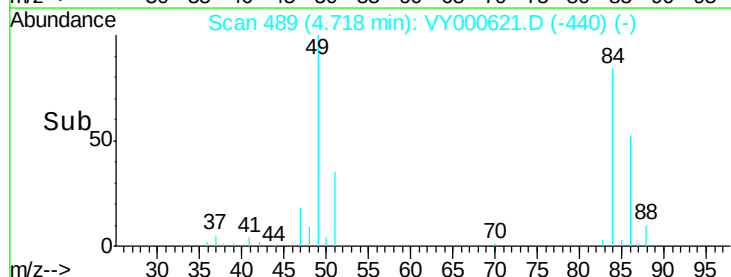
15000

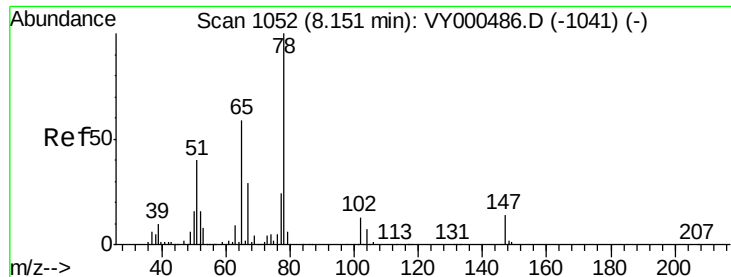
10000

5000

0

Time-->

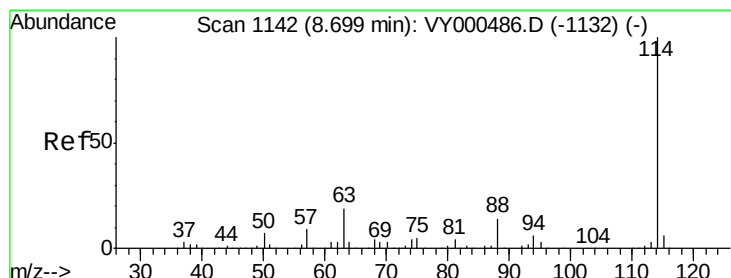
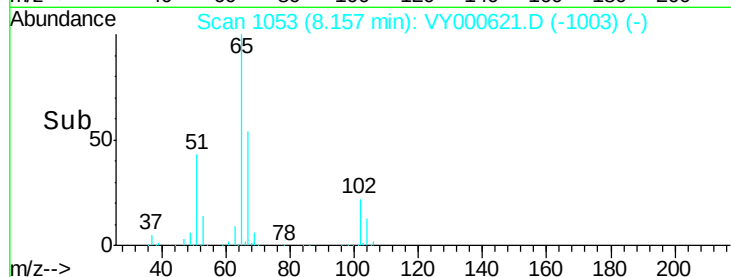
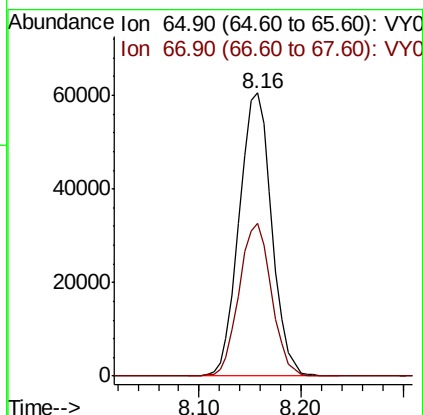
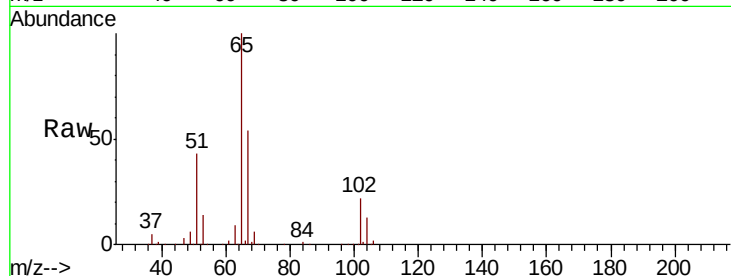




#33
 1,2-Dichloroethane-d4
 Concen: 57.724 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: VY000621.D
 Acq: 08 Nov 2019 16:41

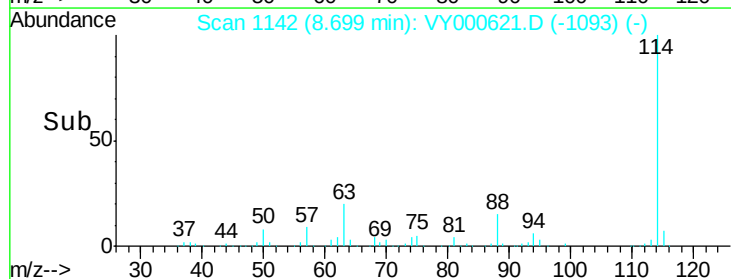
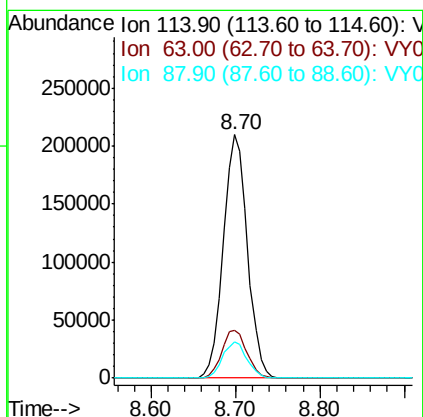
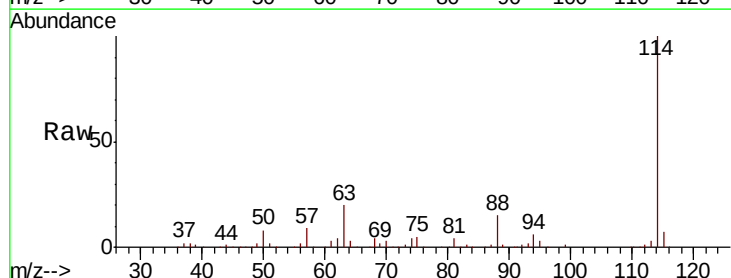
Instrument :
 MSVOA_Y
 ClientSampleId :
 3-D

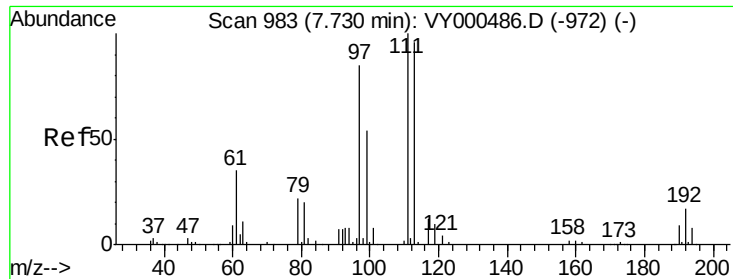
Tot Ion: 65 Resp: 134116
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000621.D
 Acq: 08 Nov 2019 16:41

Tgt Ion: 114 Resp: 410886
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.0
 88 14.7 0.0 28.6





#35

Dibromofluoromethane

Concen: 49.870 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY000621.D

Acq: 08 Nov 2019 16:41

Instrument :
MSVOA_Y
ClientSampleId :
3-D

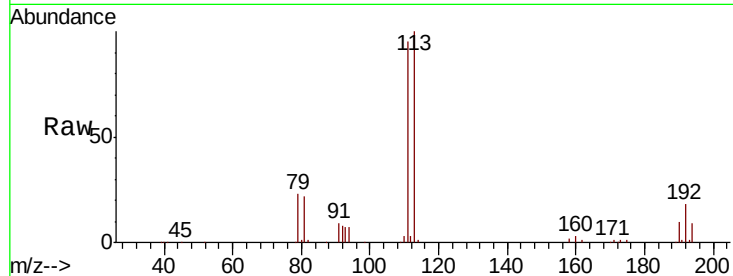
Tot Ion:113 Resp: 120294

Ion Ratio Lower Upper

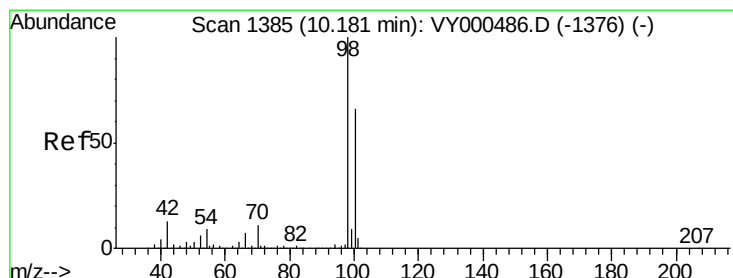
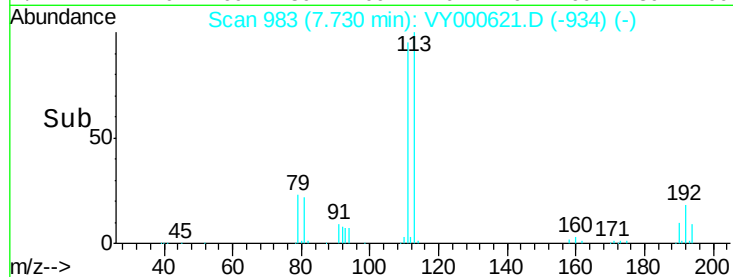
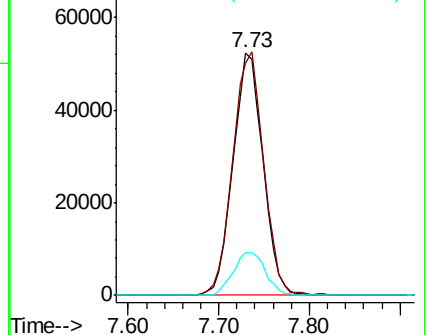
113 100

111 103.5 81.7 122.5

192 19.0 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: 52.359 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000621.D

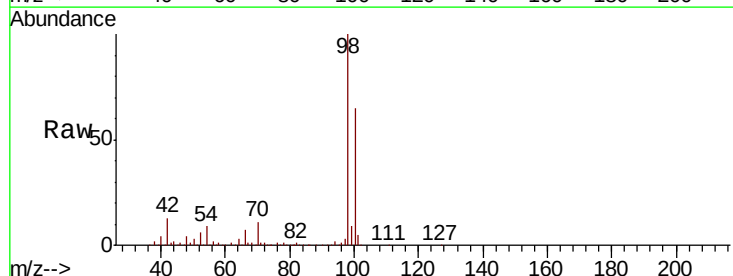
Acq: 08 Nov 2019 16:41

Tgt Ion: 98 Resp: 479237

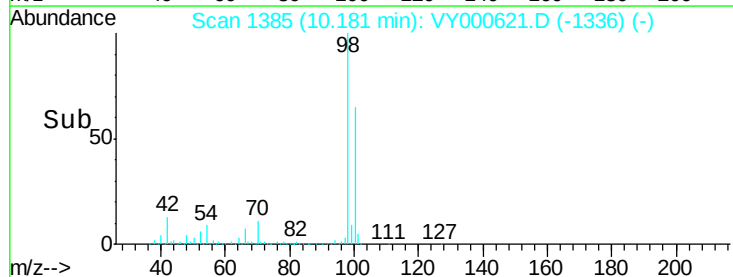
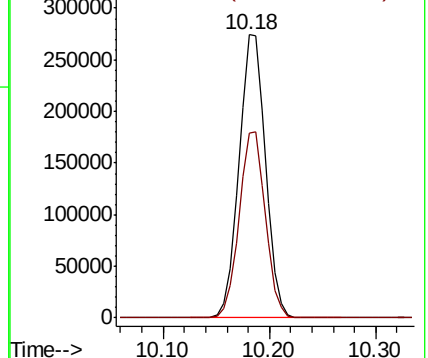
Ion Ratio Lower Upper

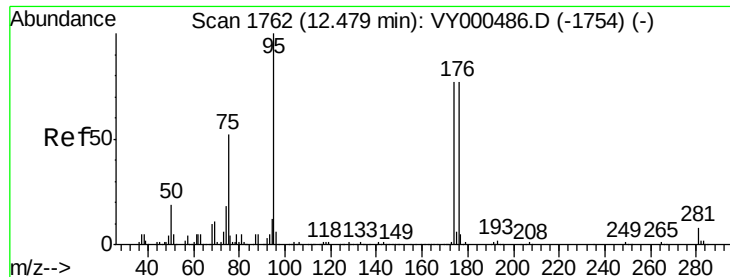
98 100

100 65.0 52.9 79.3



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

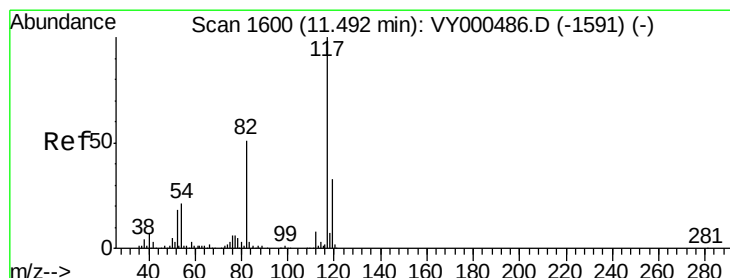
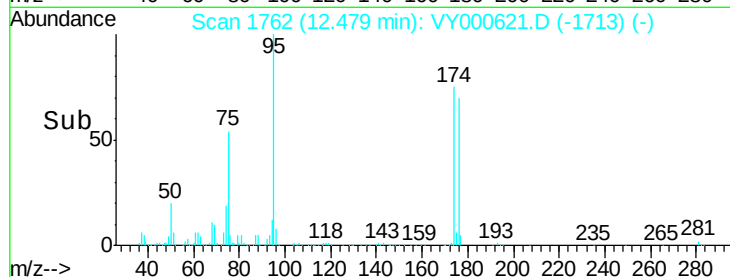
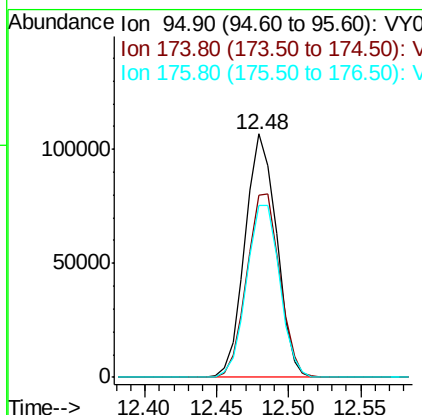
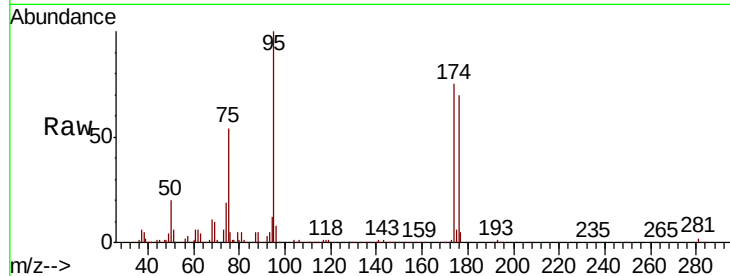




#62
4-Bromofluorobenzene
Concen: 46.444 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY000621.D
Acq: 08 Nov 2019 16:41

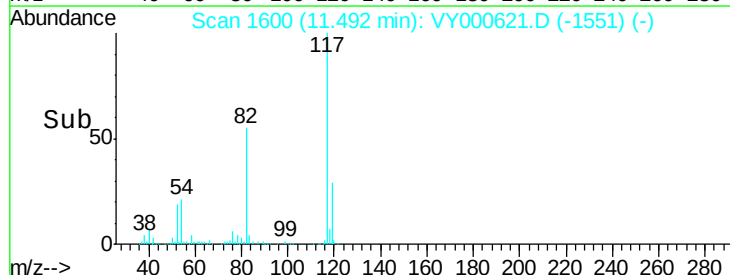
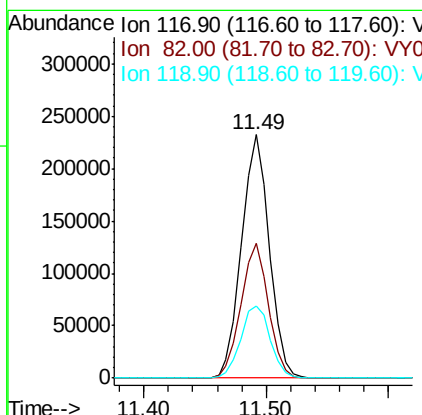
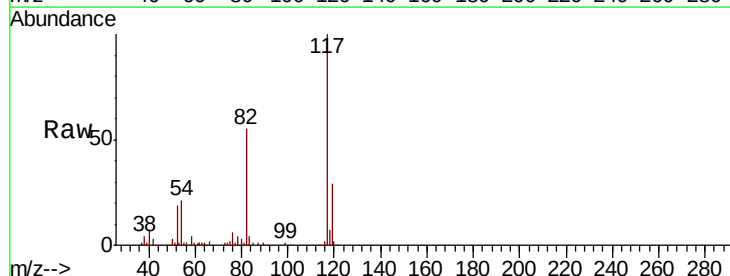
Instrument :
MSVOA_Y
ClientSampled :
3-D

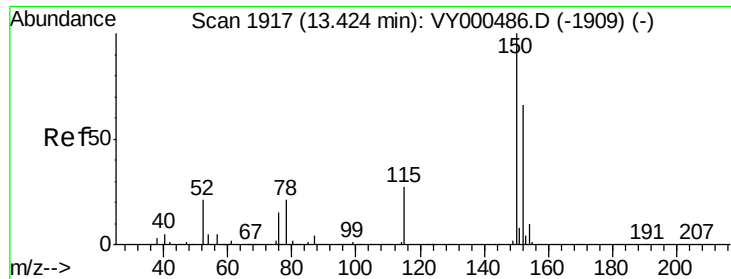
Tot Ion	Ratio	Lower	Upper
95	100		
174	78.4	0.0	161.6
176	73.9	0.0	157.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000621.D
Acq: 08 Nov 2019 16:41

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.5	40.8	61.2
119	29.5	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: VY000621.D
 Acq: 08 Nov 2019 16:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 3-D

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.7	29.1	87.4
150	156.3	0.0	348.8

