

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071620\
 Data File : VY003212.D
 Acq On : 16 Jul 2020 16:19
 Operator : SY/MD
 Sample : L3308-02
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 2

Quant Time: Jul 17 06:02:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

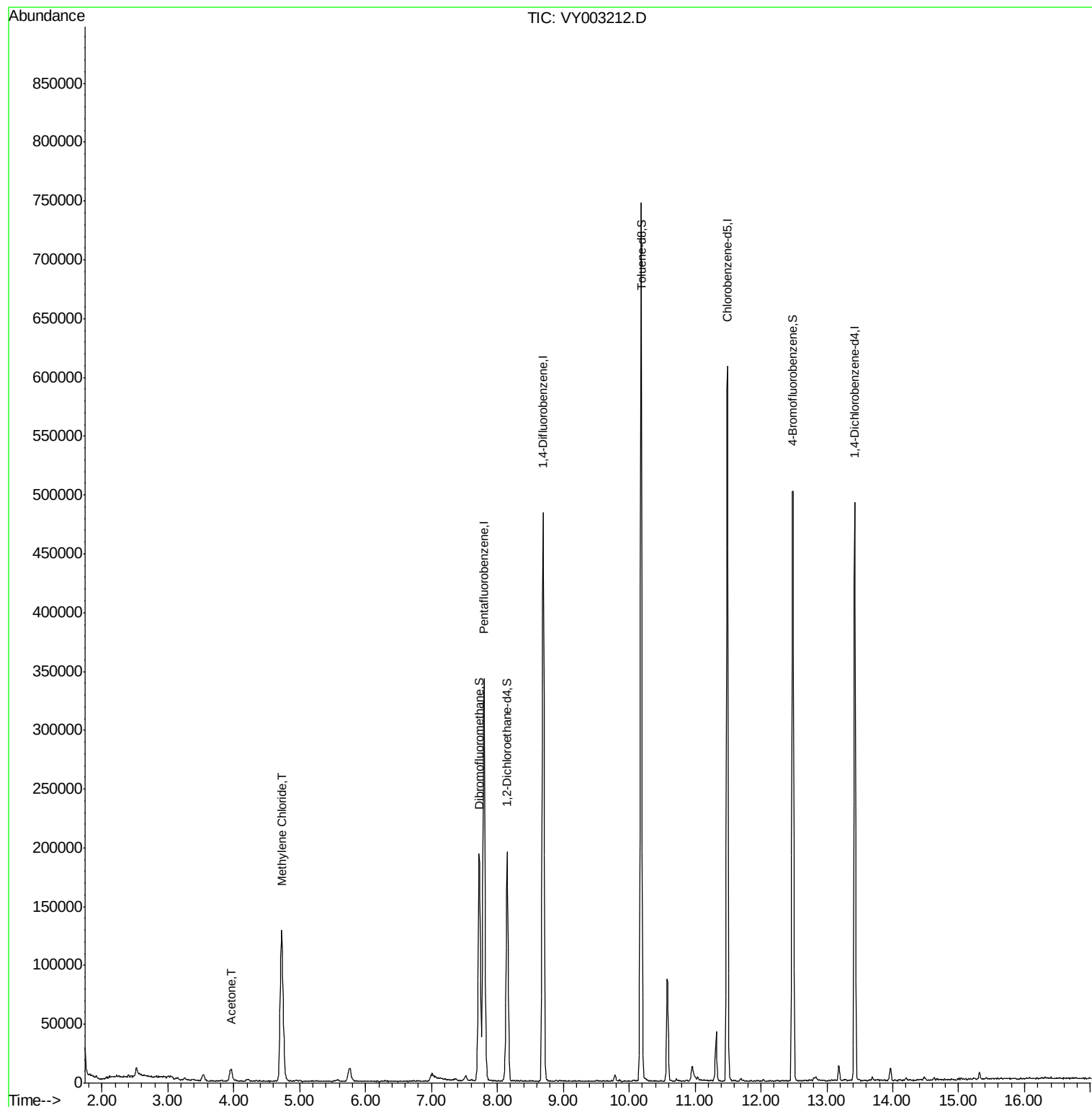
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	273944	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	403228	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	329475	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	124495	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	151708	65.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	131.22%	
35) Dibromofluoromethane	7.72	113	136644	58.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.78%	
50) Toluene-d8	10.18	98	489089	56.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.38%	
62) 4-Bromofluorobenzene	12.48	95	133608	42.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.74%	
Target Compounds						
16) Acetone	3.96	43	18433	35.690	ug/l	99
20) Methylene Chloride	4.72	84	97854	36.133	ug/l	94

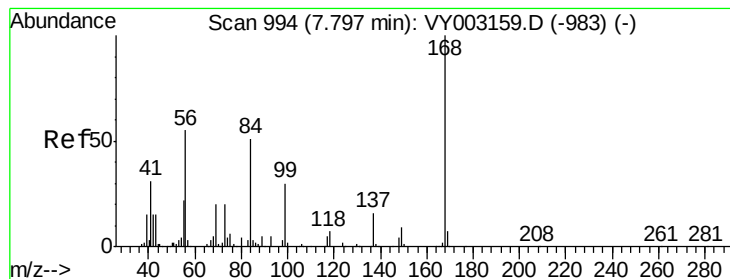
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003212.D

Acq: 16 Jul 2020 16:19

Instrument :

MSVOA_Y

ClientSampleId :

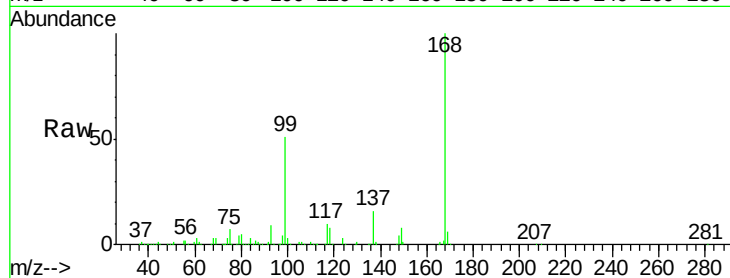
2

Tot Ion:168 Resp: 273944

Ion Ratio Lower Upper

168 100

99 50.6 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003212.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003212.D (-945) (-)

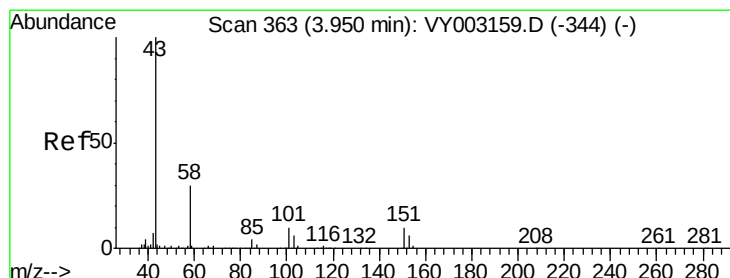
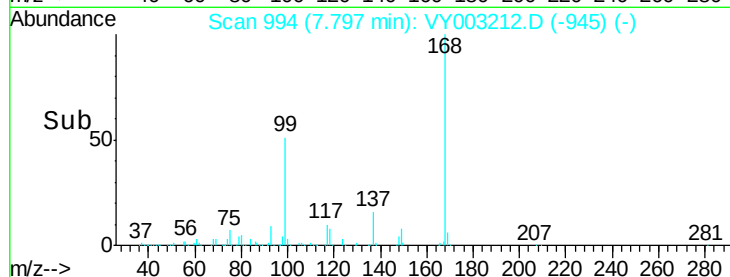
7.80

100000

50000

0

Time-->



#16

Acetone

Concen: 35.690 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003212.D

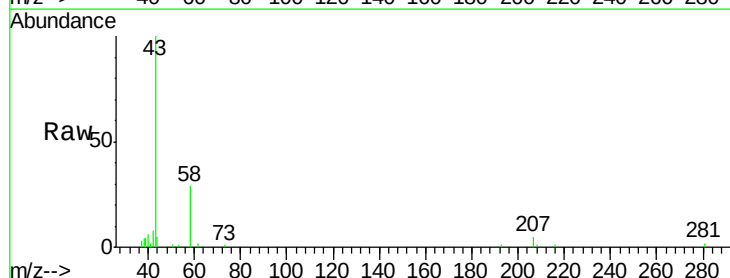
Acq: 16 Jul 2020 16:19

Tgt Ion: 43 Resp: 18433

Ion Ratio Lower Upper

43 100

58 28.9 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VY003212.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY003212.D (-314) (-)

3.96

8000

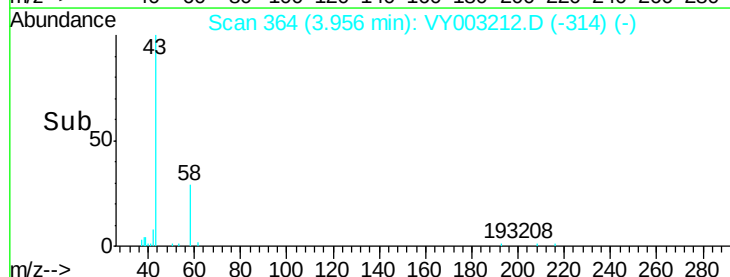
6000

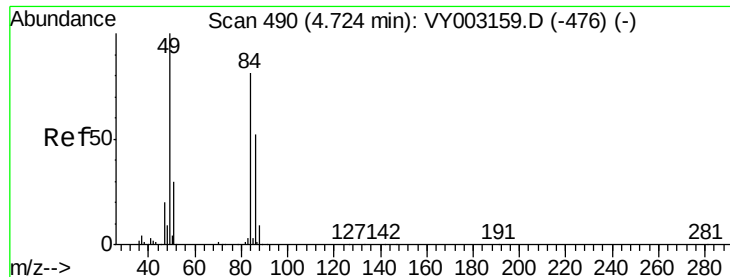
4000

2000

0

Time-->

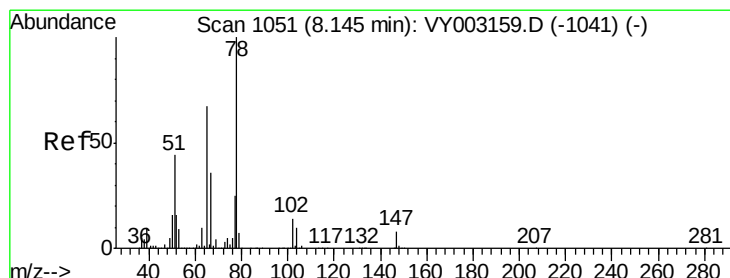
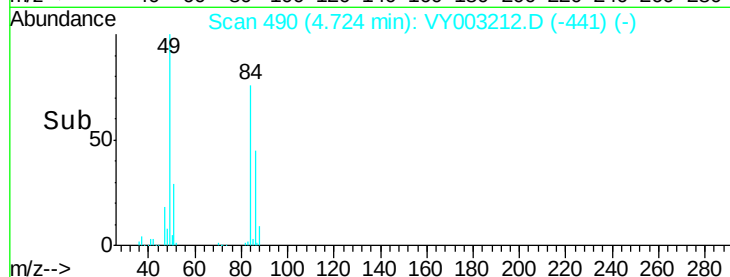
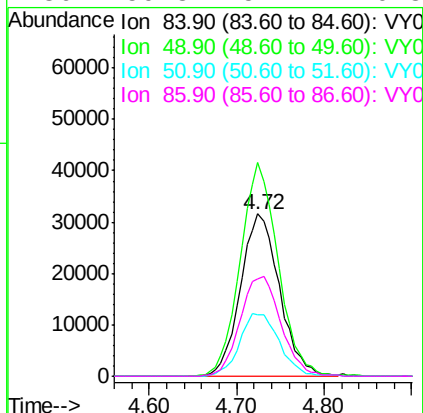
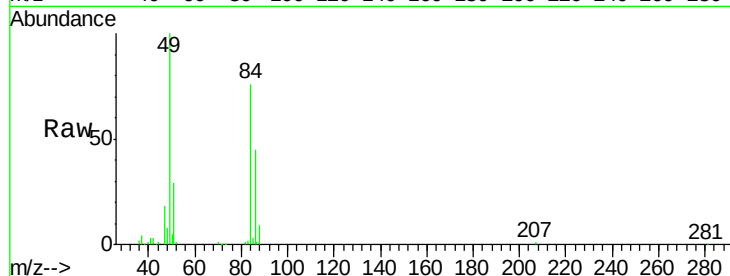




#20
Methylene Chloride
Concen: 36.133 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003212.D
Acq: 16 Jul 2020 16:19

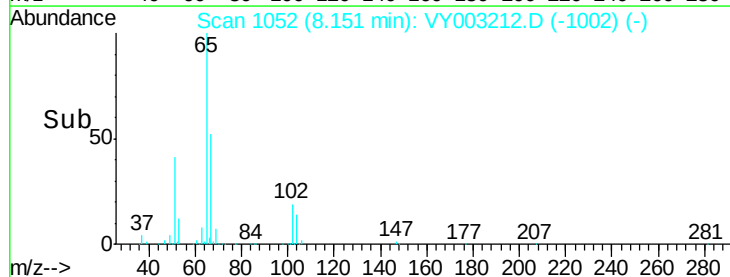
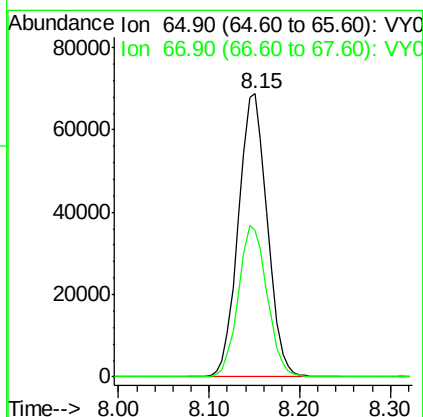
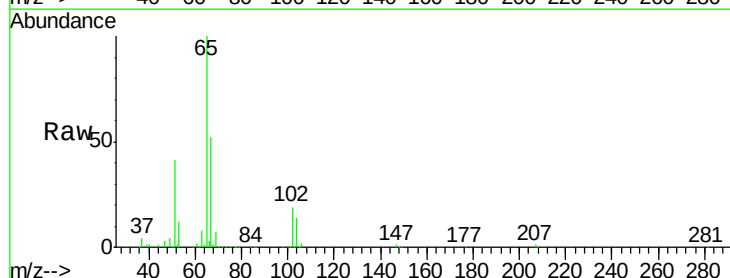
Instrument :
MSVOA_Y
ClientSampled :
2

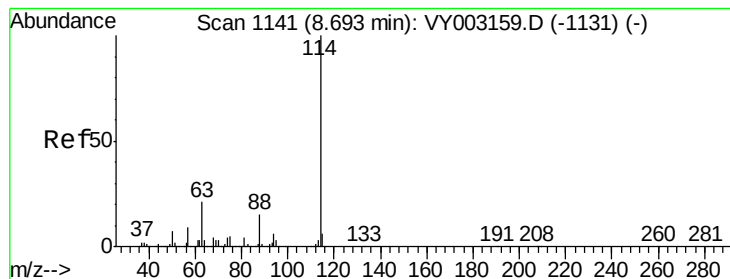
Tot Ion:	84	Resp:	97854
Ion	Ratio	Lower	Upper
84	100		
49	131.9	98.2	147.4
51	38.1	29.8	44.6
86	59.8	51.2	76.8



#33
1,2-Dichloroethane-d4
Concen: 65.613 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VY003212.D
Acq: 16 Jul 2020 16:19

Tgt Ion:	65	Resp:	151708
Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY003212.D

Acq: 16 Jul 2020 16:19

Instrument :

MSVOA_Y

ClientSampled :

2

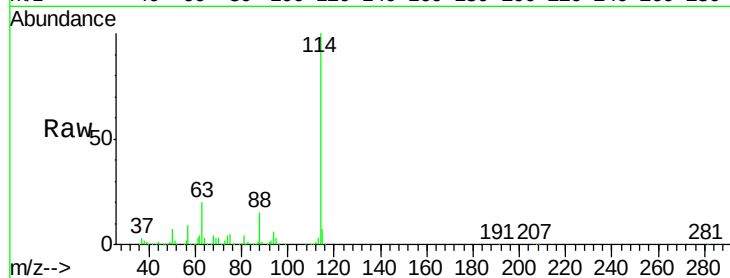
Tot Ion:114 Resp: 403228

Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.2

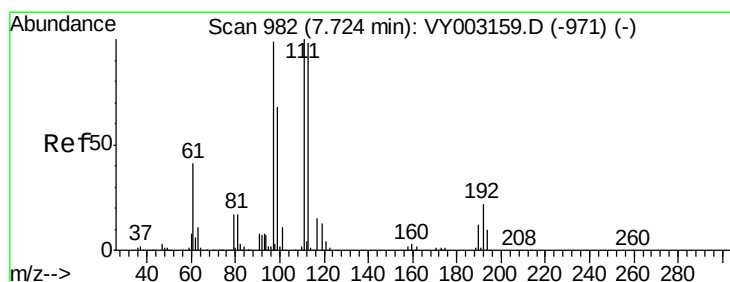
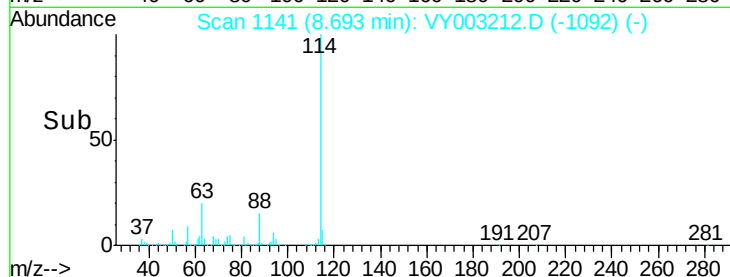
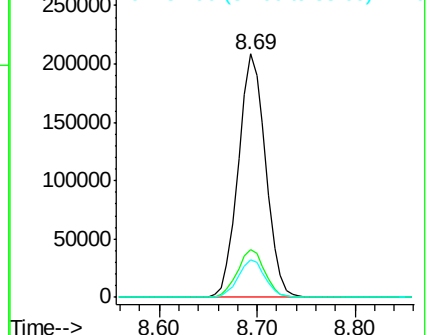
88 15.3 0.0 30.2



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: 58.886 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003212.D

Acq: 16 Jul 2020 16:19

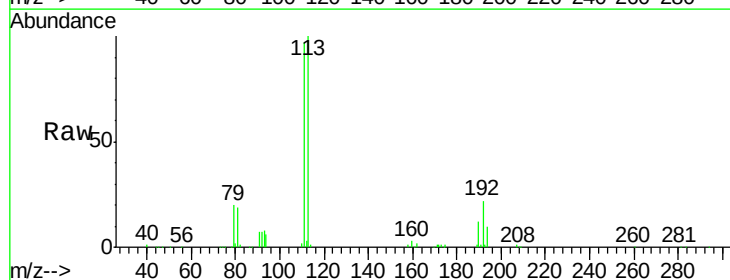
Tgt Ion:113 Resp: 136644

Ion Ratio Lower Upper

113 100

111 101.9 82.1 123.1

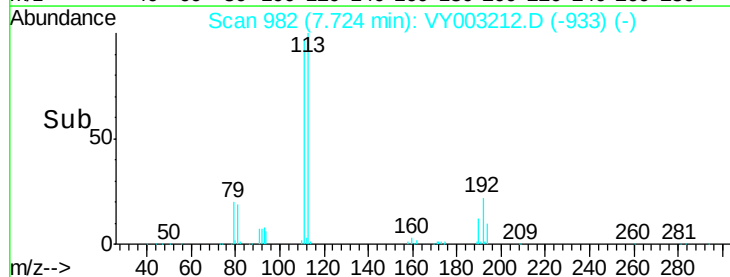
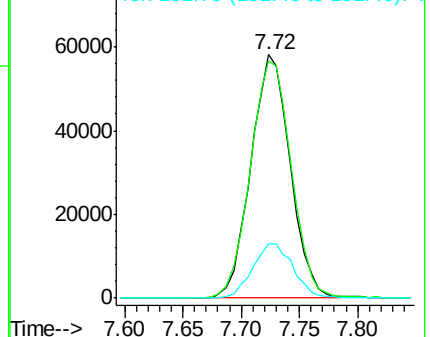
192 22.8 18.8 28.2

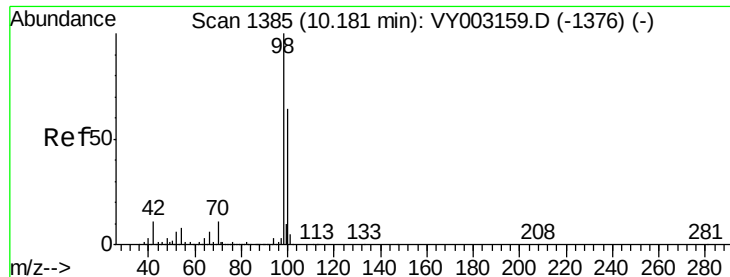


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 56.692 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003212.D

Acq: 16 Jul 2020 16:19

Instrument :

MSVOA_Y

ClientSampleId :

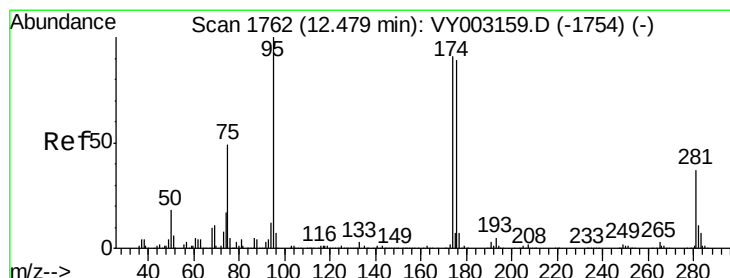
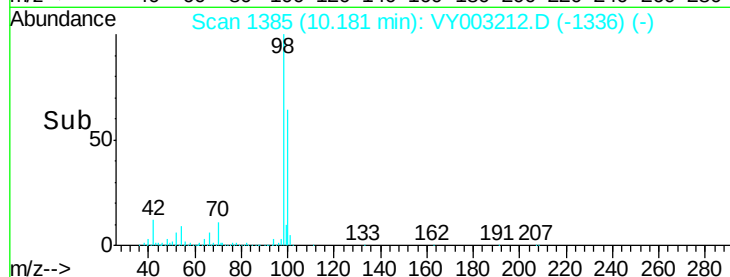
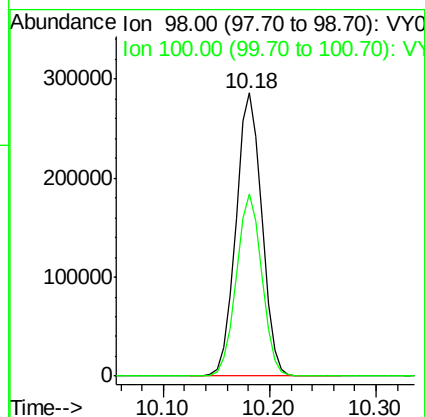
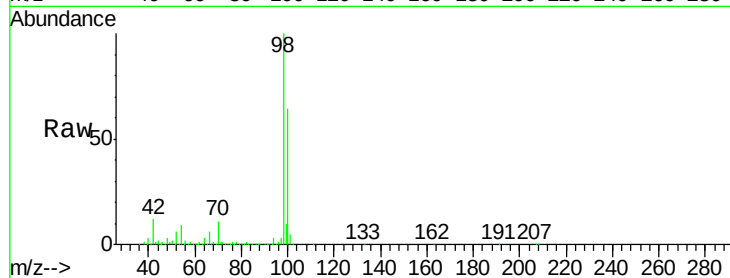
2

Tot Ion: 98 Resp: 489089

Ion Ratio Lower Upper

98 100

100 63.5 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 42.869 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003212.D

Acq: 16 Jul 2020 16:19

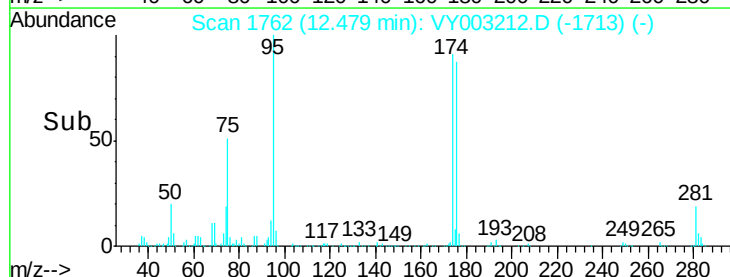
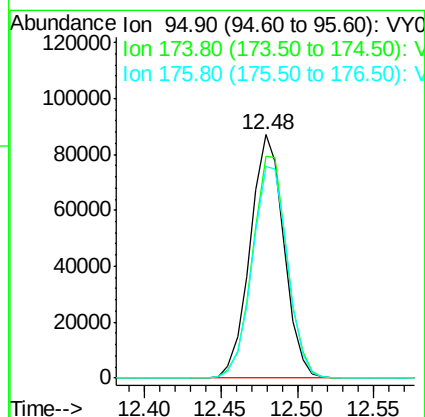
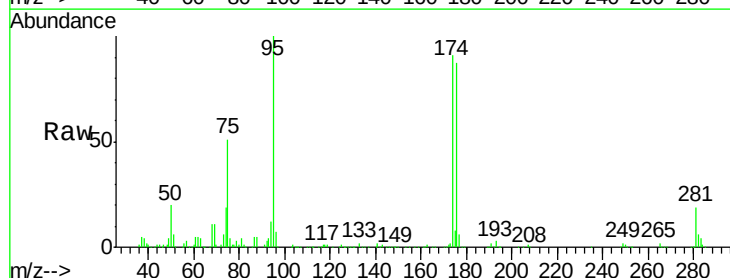
Tgt Ion: 95 Resp: 133608

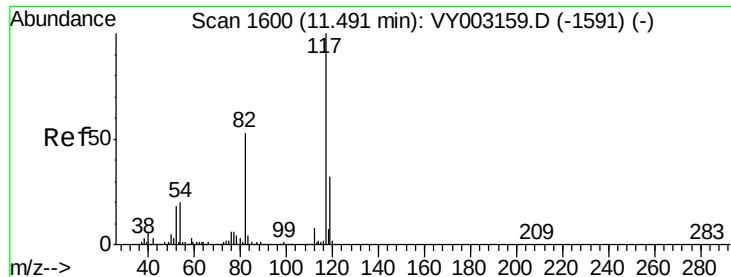
Ion Ratio Lower Upper

95 100

174 93.9 0.0 190.6

176 91.0 0.0 186.4

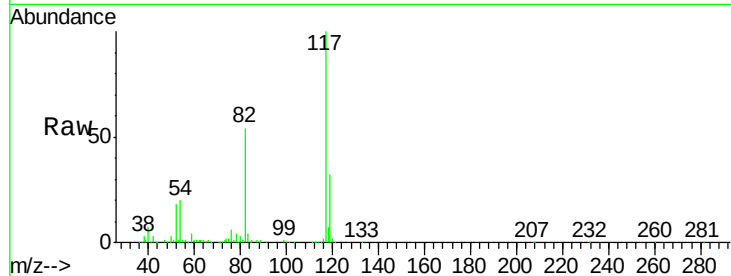




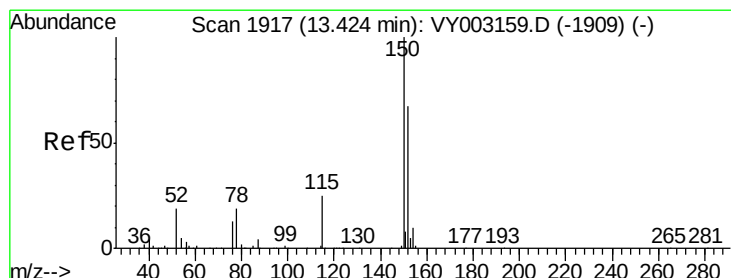
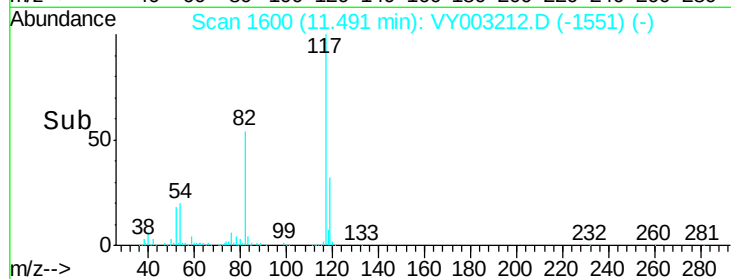
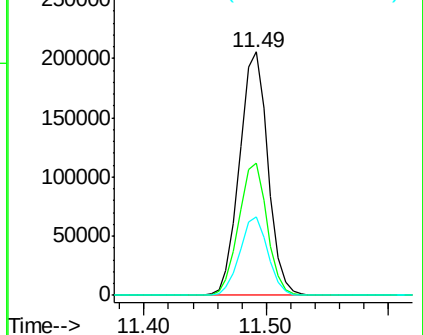
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003212.D
Acq: 16 Jul 2020 16:19

Instrument :
MSVOA_Y
ClientSampled :
2

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	42.0	63.0
119	32.1	25.5	38.3

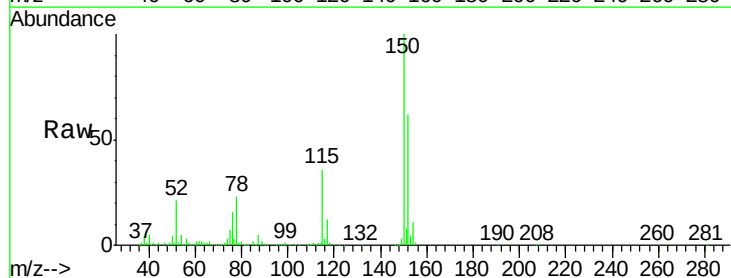


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003212.D
Acq: 16 Jul 2020 16:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.3	26.9	80.7
150	155.1	0.0	338.0



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

