

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071620\
 Data File : VY003225.D
 Acq On : 16 Jul 2020 21:17
 Operator : SY/MD
 Sample : L3308-18RE
 Misc : 5.08G/5ML/MSVOA Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 18RE

Quant Time: Jul 17 06:37:08 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

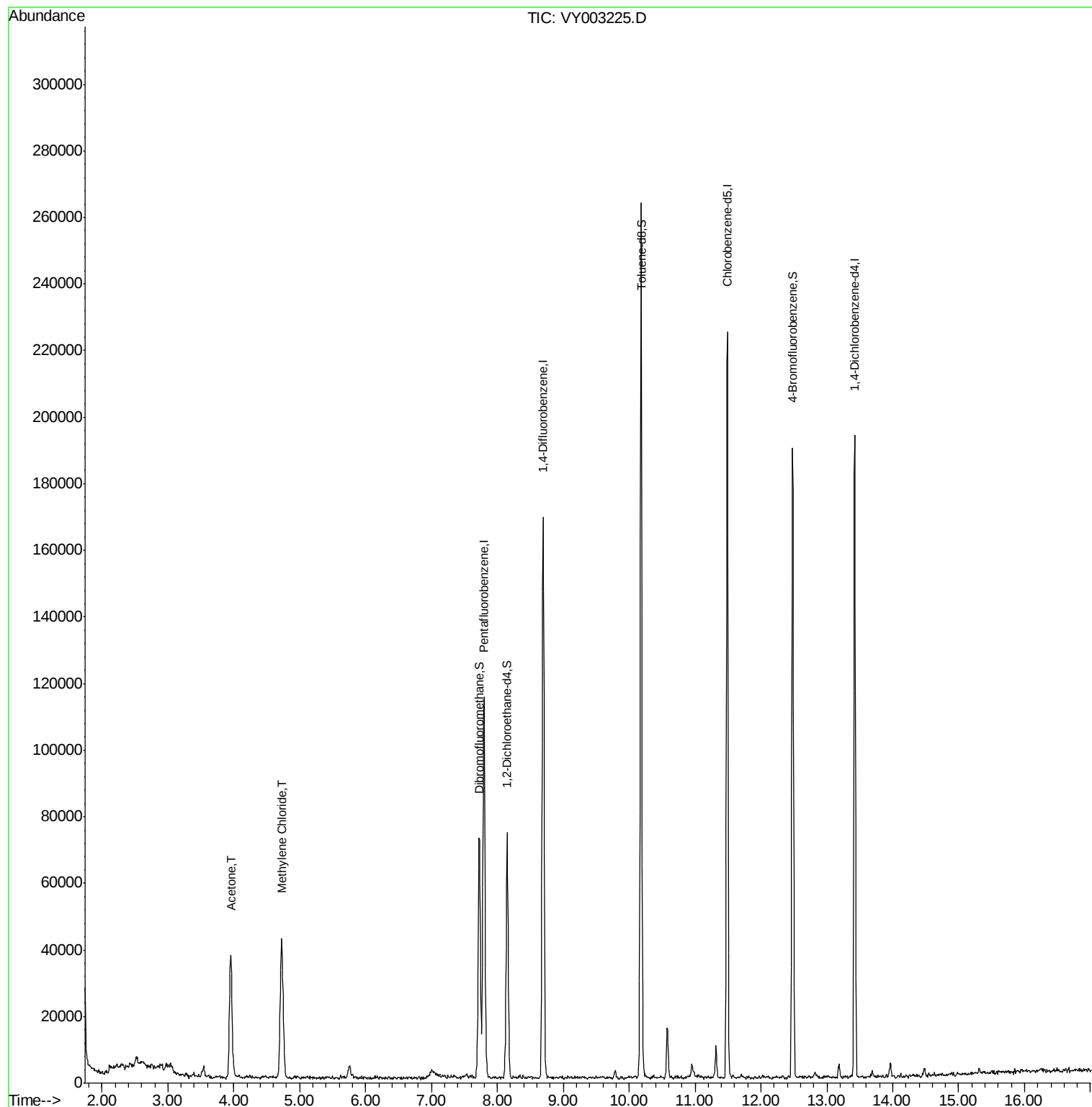
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	93009	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	142308	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	118197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	50941	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	56304	71.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	143.44%	
35) Dibromofluoromethane	7.72	113	49583	60.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.08%	
50) Toluene-d8	10.18	98	170871	56.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.24%	
62) 4-Bromofluorobenzene	12.48	95	51608	46.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.84%	
Target Compounds						
16) Acetone	3.96	43	62787	358.063	ug/l #	89
20) Methylene Chloride	4.72	84	31251	33.621	ug/l	96

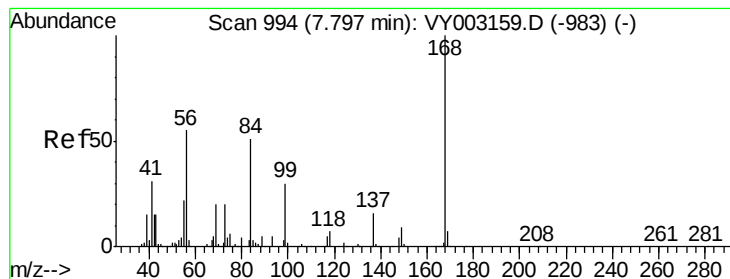
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003225.D

Acq: 16 Jul 2020 21:17

Instrument :

MSVOA_Y

ClientSampleId :

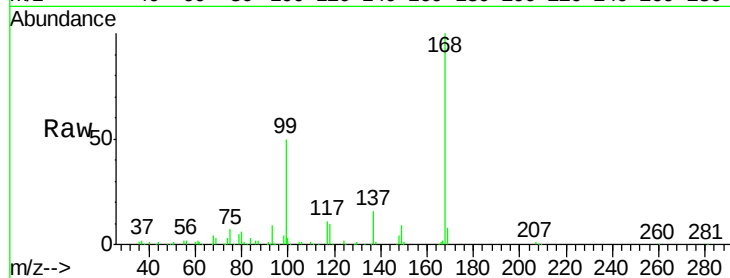
18RE

Tot Ion:168 Resp: 93009

Ion Ratio Lower Upper

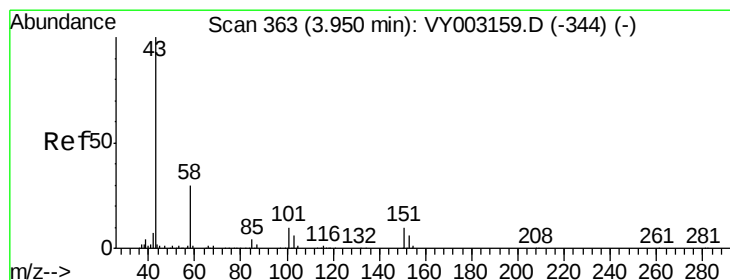
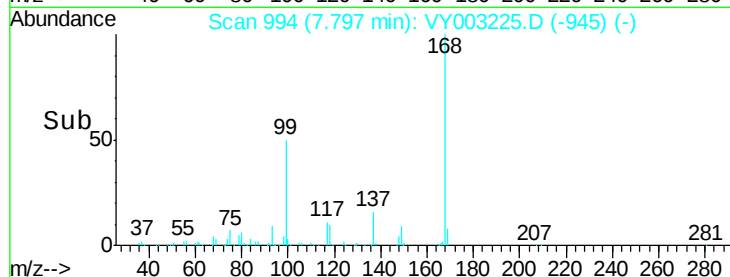
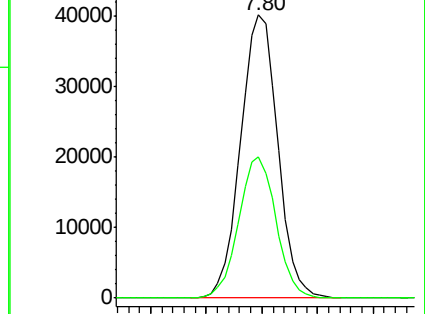
168 100

99 50.1 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003159.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003159.D (-983) (-)



#16

Acetone

Concen: 358.063 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003225.D

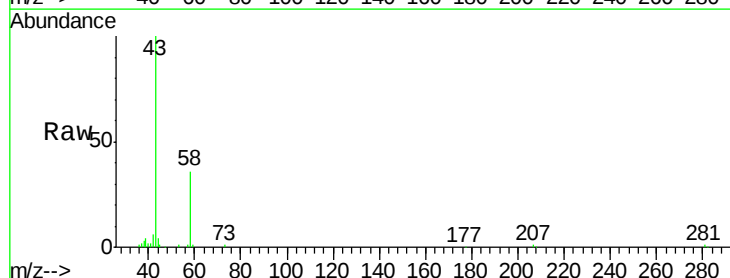
Acq: 16 Jul 2020 21:17

Tgt Ion: 43 Resp: 62787

Ion Ratio Lower Upper

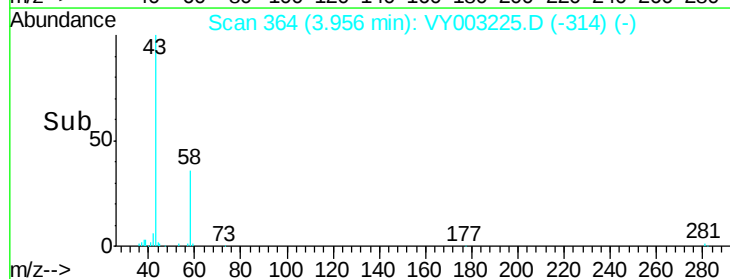
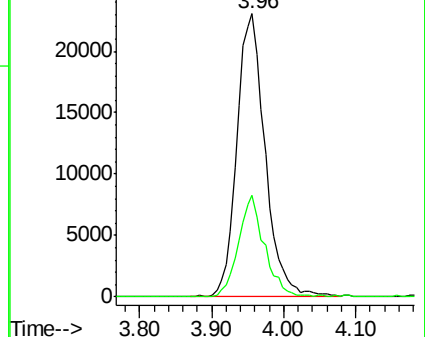
43 100

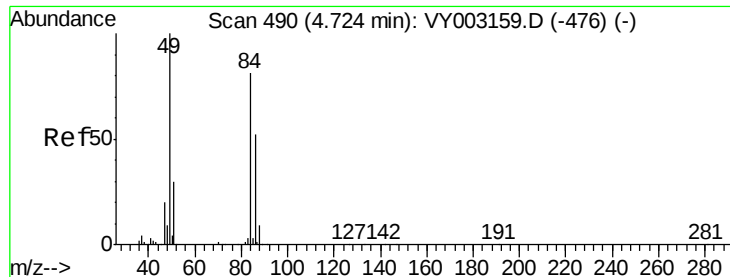
58 35.7 23.8 35.6#



Abundance Ion 43.00 (42.70 to 43.70): VY003159.D (-344) (-)

Ion 58.00 (57.70 to 58.70): VY003159.D (-344) (-)

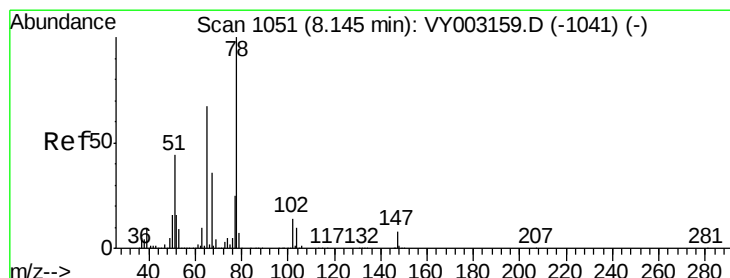
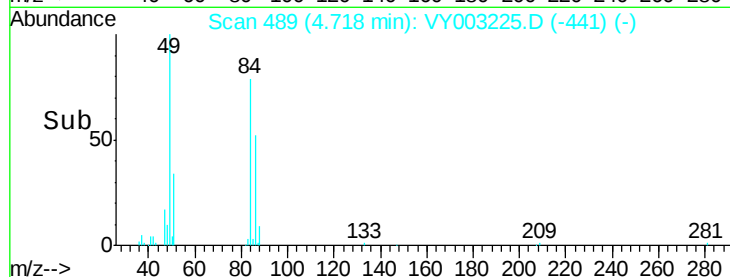
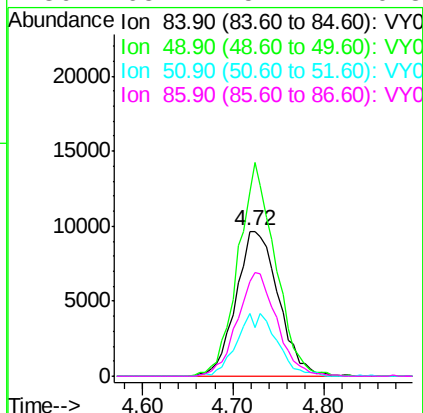
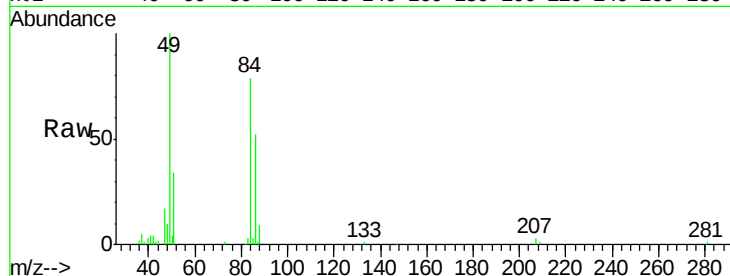




#20
Methylene Chloride
Concen: 33.621 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY003225.D
Acq: 16 Jul 2020 21:17

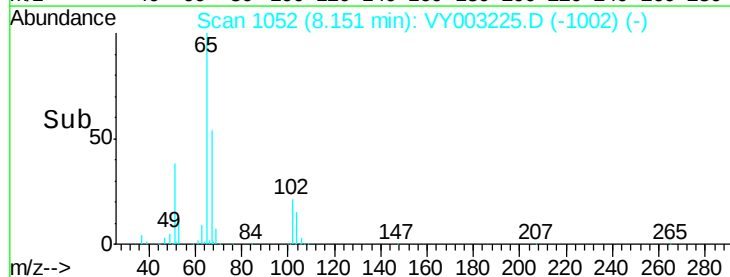
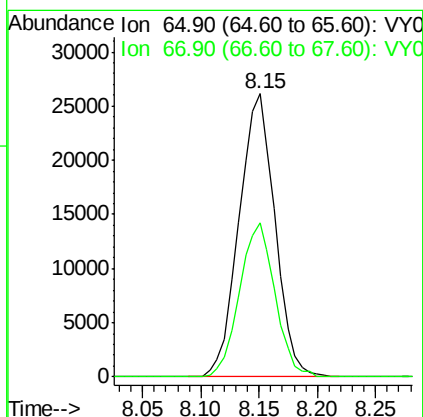
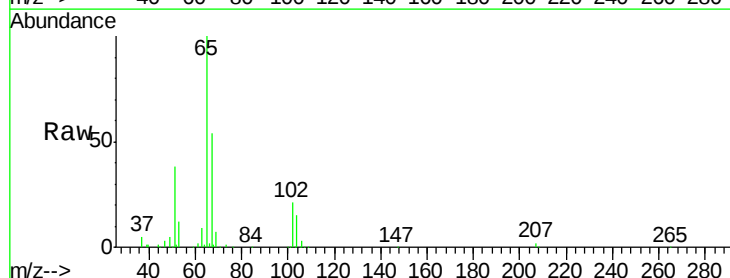
Instrument :
MSVOA_Y
ClientSampled :
18RE

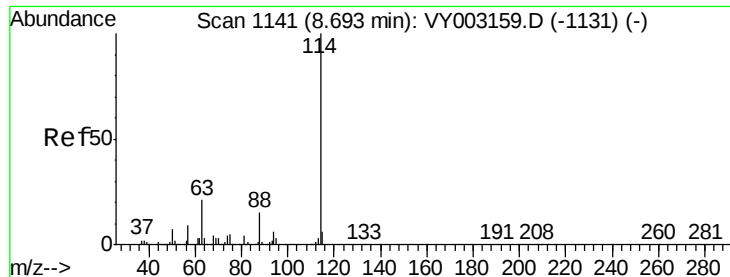
Tot Ion:	84	Resp:	31251
Ion	Ratio	Lower	Upper
84	100		
49	126.5	98.2	147.4
51	43.4	29.8	44.6
86	65.4	51.2	76.8



#33
1,2-Dichloroethane-d4
Concen: 71.722 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VY003225.D
Acq: 16 Jul 2020 21:17

Tgt Ion:	65	Resp:	56304
Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	105.2

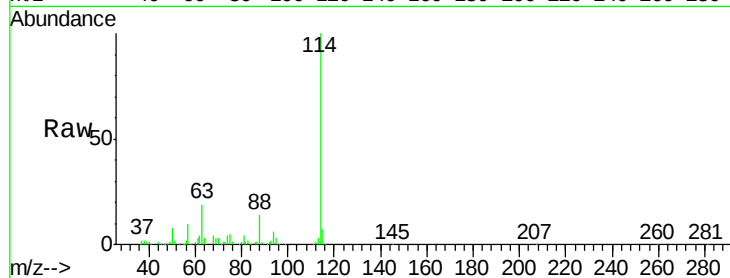




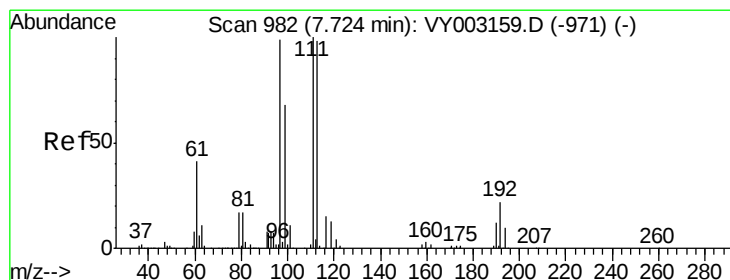
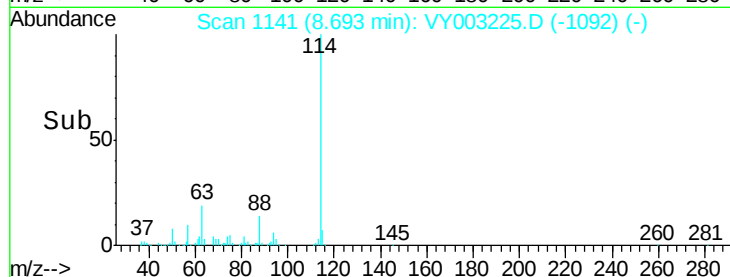
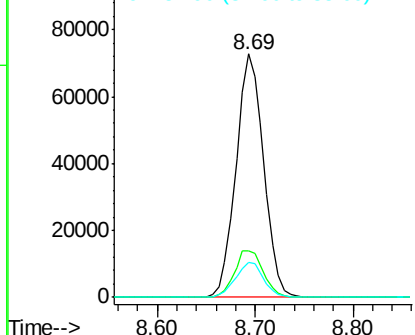
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003225.D
 Acq: 16 Jul 2020 21:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 18RE

Tot Ion:114 Resp: 142308
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 41.2
 88 14.4 0.0 30.2

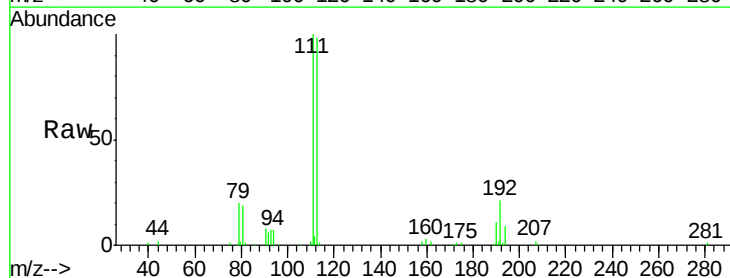


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

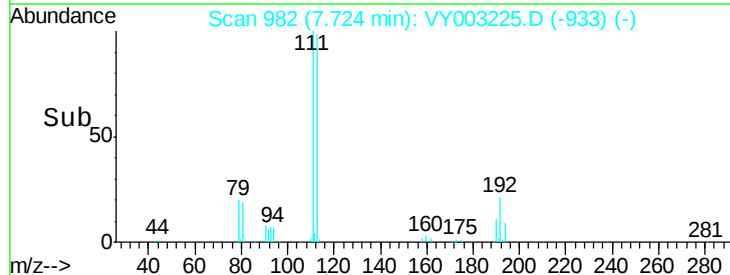
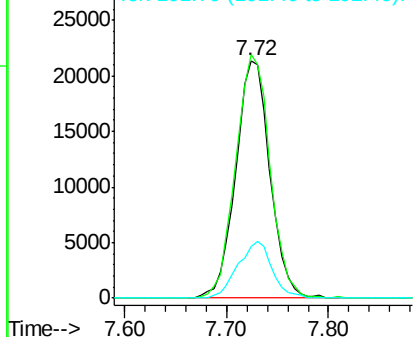


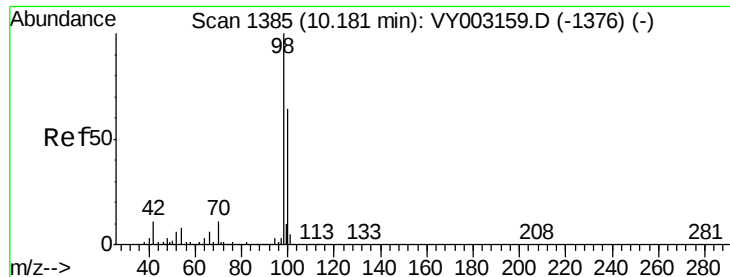
#35
 Dibromofluoromethane
 Concen: 60.545 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003225.D
 Acq: 16 Jul 2020 21:17

Tgt Ion:113 Resp: 49583
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.1 123.1
 192 23.8 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: 56.121 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003225.D

Acq: 16 Jul 2020 21:17

Instrument :

MSVOA_Y

ClientSampled :

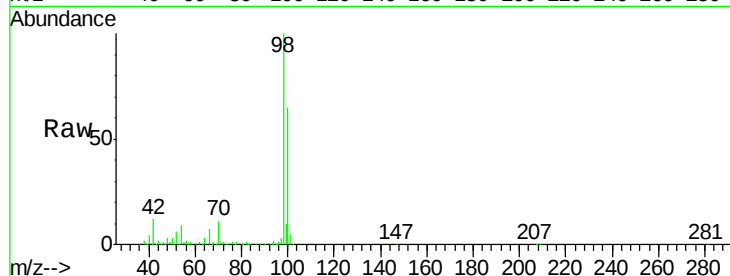
18RE

Tot Ion: 98 Resp: 170871

Ion Ratio Lower Upper

98 100

100 64.2 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.18

100000

80000

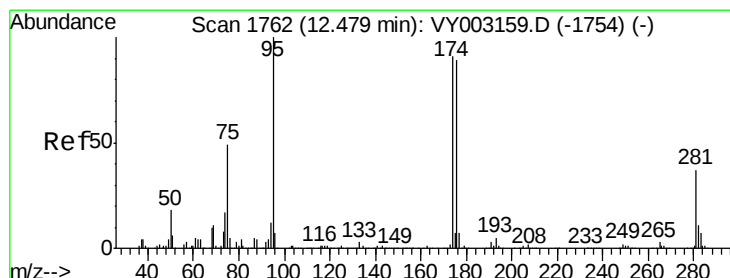
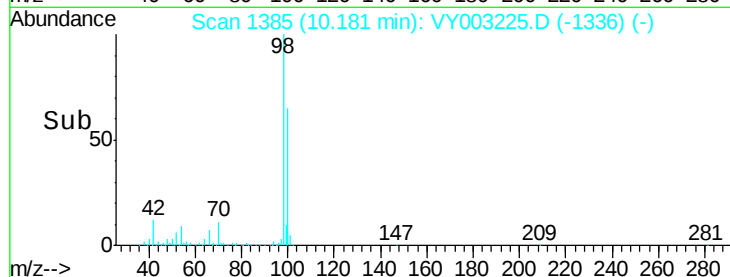
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.919 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003225.D

Acq: 16 Jul 2020 21:17

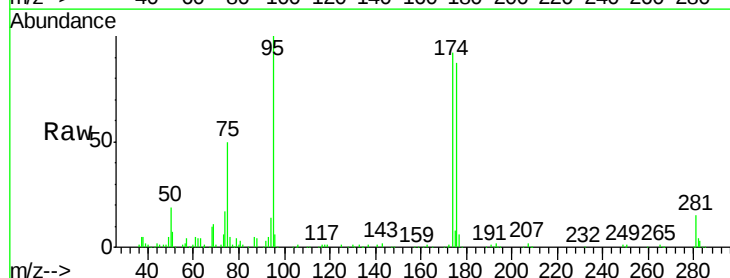
Tgt Ion: 95 Resp: 51608

Ion Ratio Lower Upper

95 100

174 94.8 0.0 190.6

176 91.1 0.0 186.4



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.48

40000

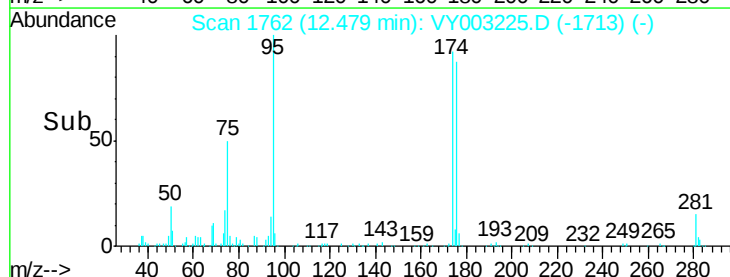
30000

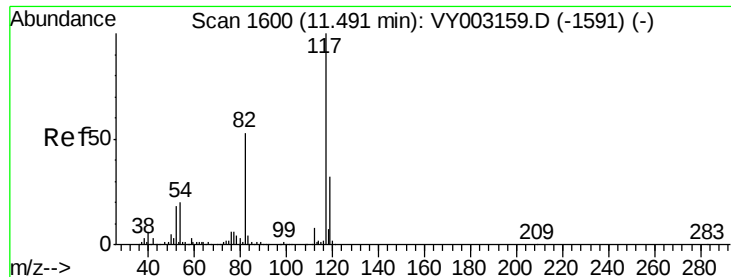
20000

10000

0

Time-->

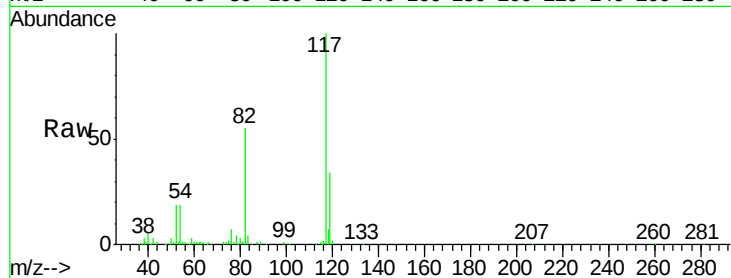




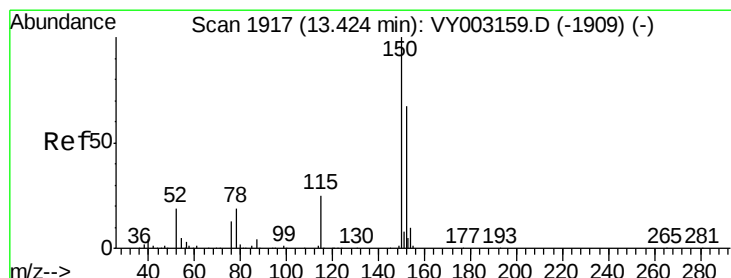
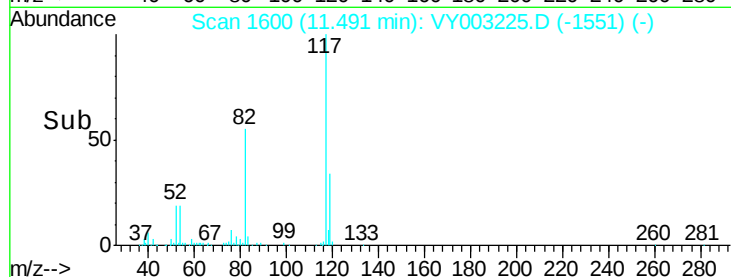
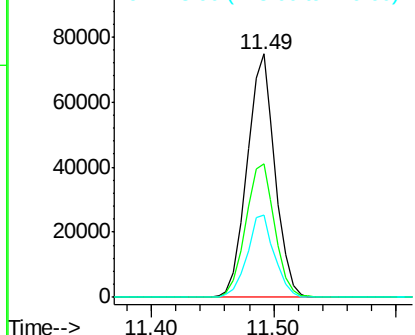
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003225.D
Acq: 16 Jul 2020 21:17

Instrument :
MSVOA_Y
ClientSampleId :
18RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	42.0	63.0
119	33.7	25.5	38.3

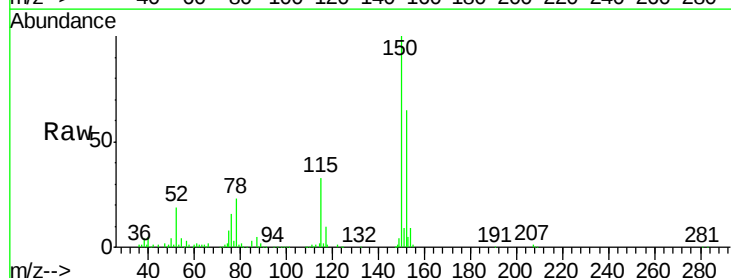


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003225.D
Acq: 16 Jul 2020 21:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.8	26.9	80.7
150	153.4	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

