

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071620\
 Data File : VY003207.D
 Acq On : 16 Jul 2020 14:18
 Operator : SY/MD
 Sample : L3188-07
 Misc : 7.90G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-071420

Quant Time: Jul 17 05:53:08 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

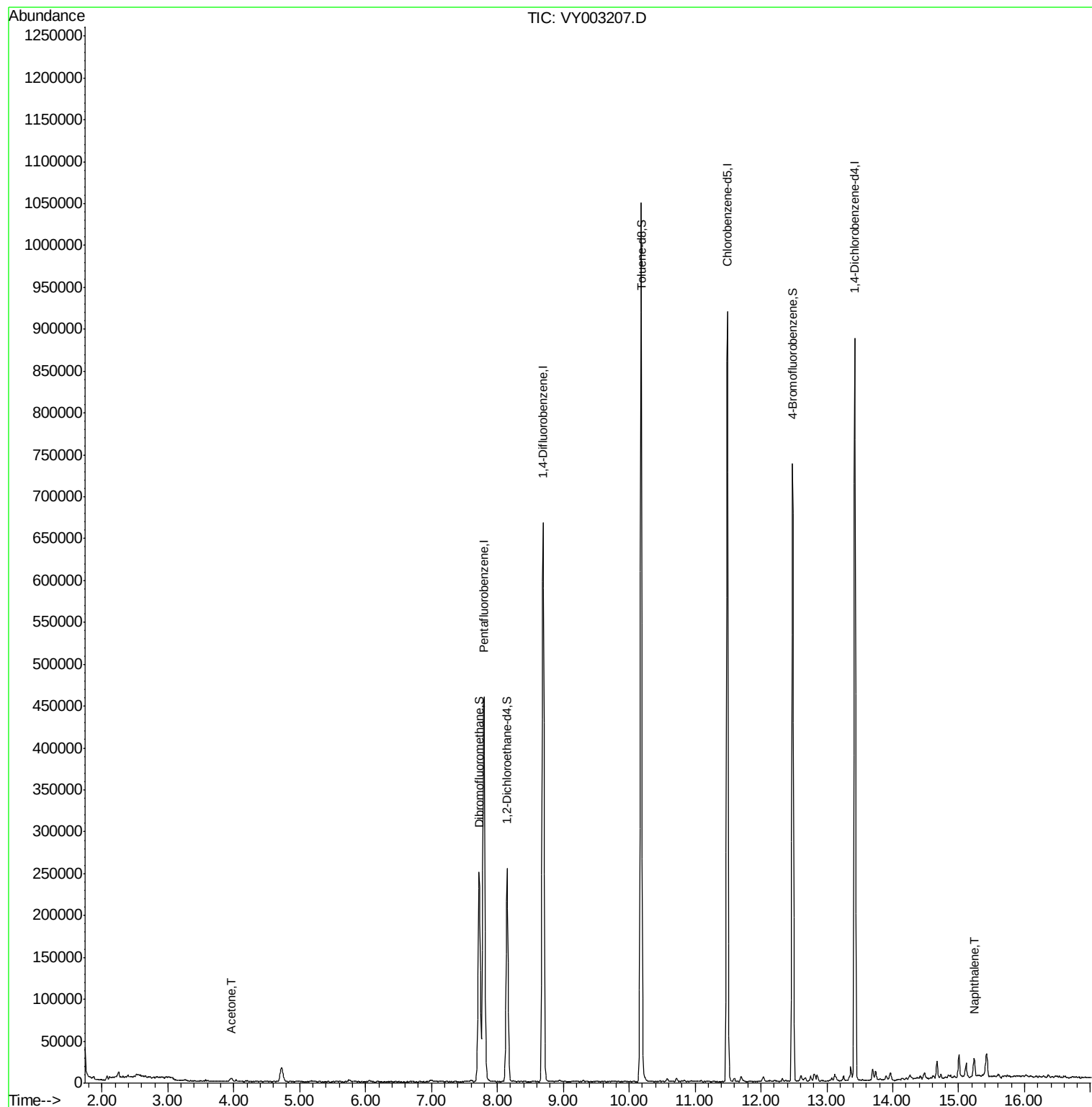
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	373153	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	569812	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	503744	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	225958	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	197295	62.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.28%	
35) Dibromofluoromethane	7.72	113	177247	54.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.10%	
50) Toluene-d8	10.18	98	681530	55.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.80%	
62) 4-Bromofluorobenzene	12.48	95	210999	47.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.82%	
Target Compounds						
16) Acetone	3.96	43	6933	9.855	ug/l	98
95) Naphthalene	15.23	128	17547	2.450	ug/l	98

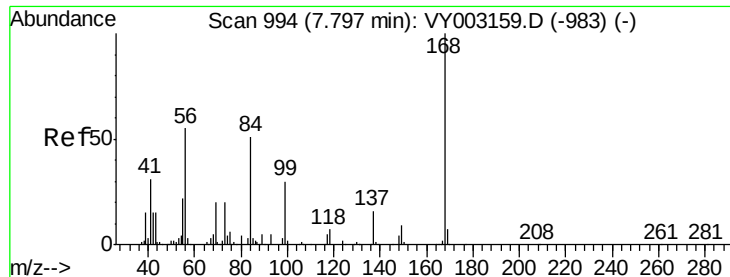
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003207.D

Acq: 16 Jul 2020 14:18

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ClientSampleId :

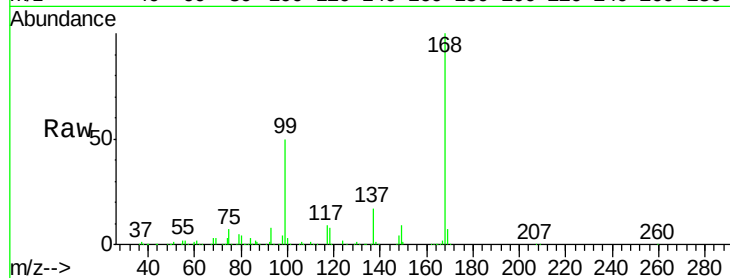
TR-05-071420

Tot Ion:168 Resp: 373153

Ion Ratio Lower Upper

168 100

99 50.1 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003207.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003207.D (-945) (-)

7.80

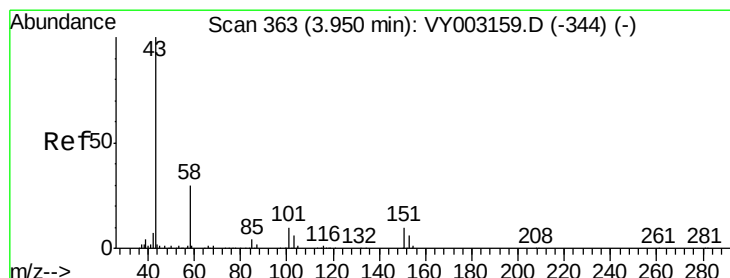
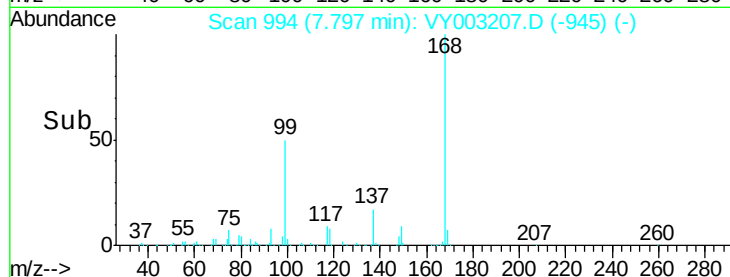
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 9.855 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003207.D

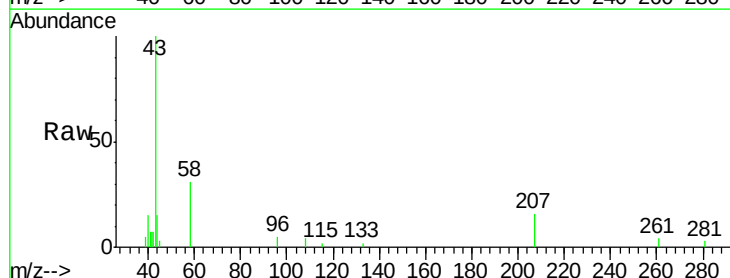
Acq: 16 Jul 2020 14:18

Tgt Ion: 43 Resp: 6933

Ion Ratio Lower Upper

43 100

58 30.9 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VY003207.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY003207.D (-314) (-)

3.96

2500

2000

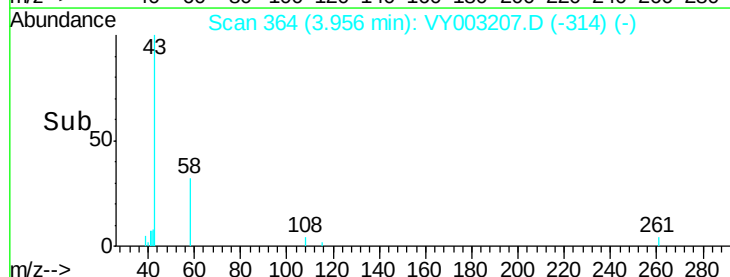
1500

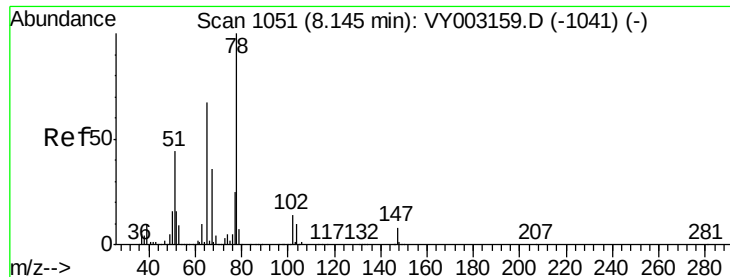
1000

500

0

Time-->

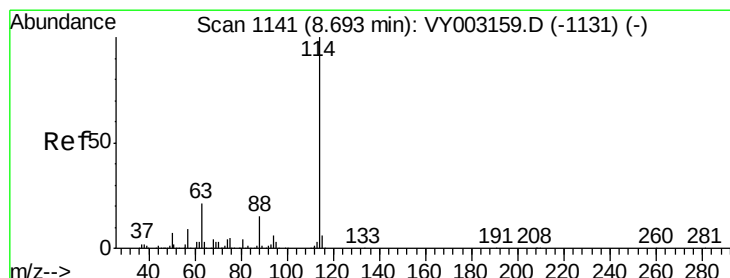
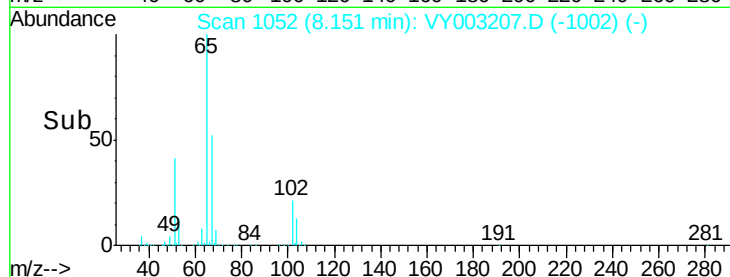
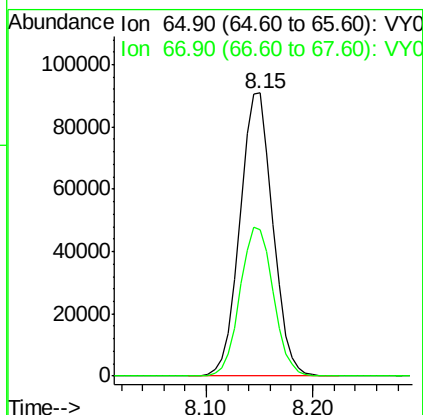
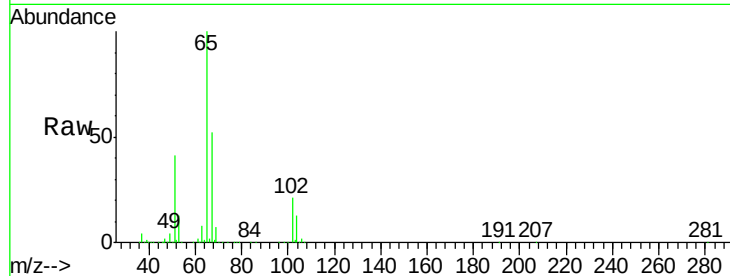




#33
 1,2-Dichloroethane-d4
 Concen: 62.642 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003207.D
 Acq: 16 Jul 2020 14:18

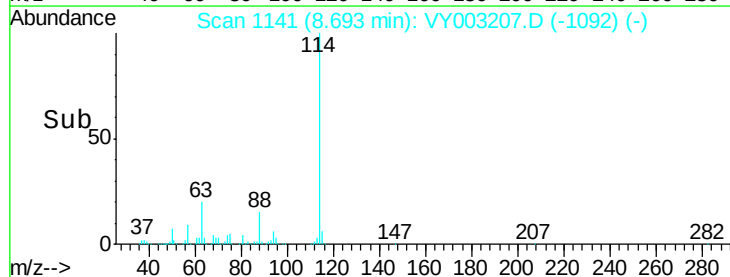
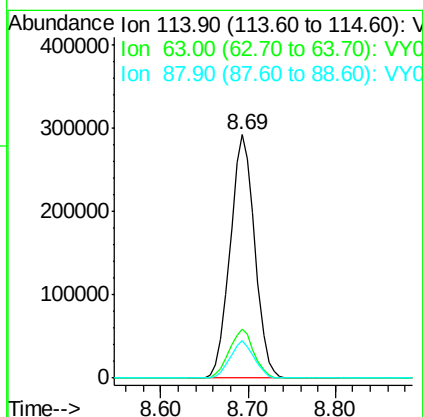
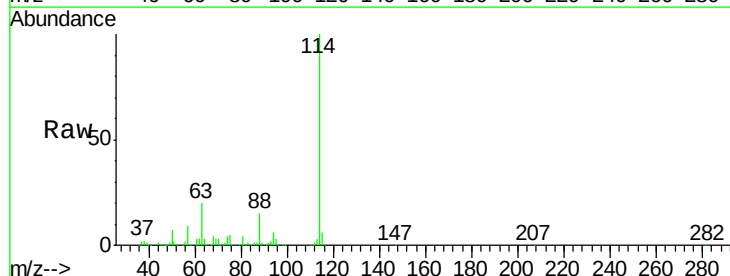
Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-071420

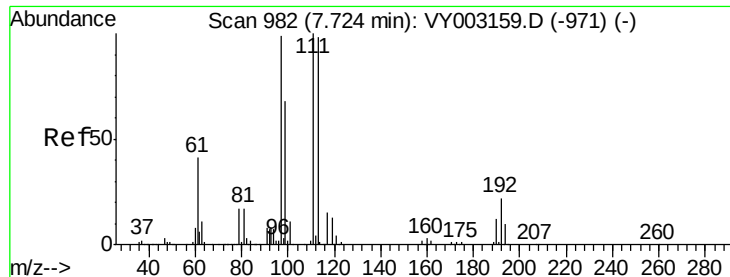
Tot Ion: 65 Resp: 197295
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003207.D
 Acq: 16 Jul 2020 14:18

Tgt Ion: 114 Resp: 569812
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.2
 88 15.2 0.0 30.2

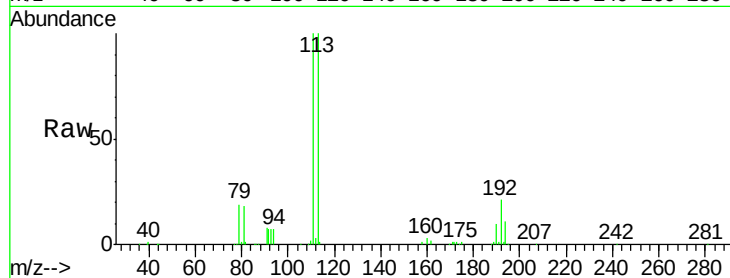




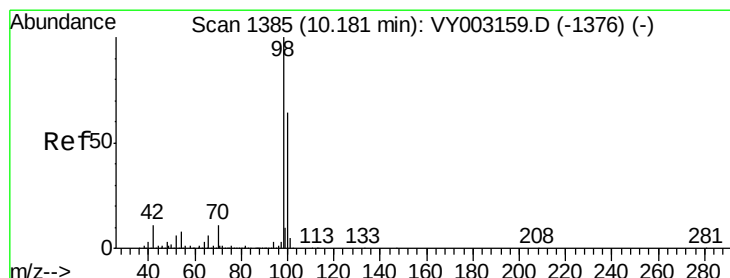
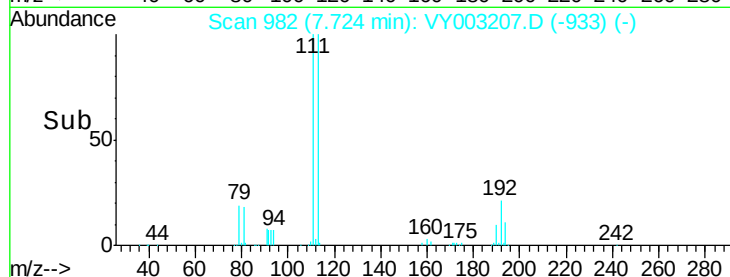
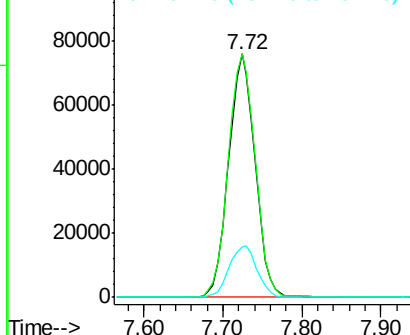
#35
Dibromofluoromethane
Concen: 54.053 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.00 min
Lab File: VY003207.D
Acq: 16 Jul 2020 14:18

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-071420

Tot Ion:113 Resp: 177247
Ion Ratio Lower Upper
113 100
111 102.2 82.1 123.1
192 22.3 18.8 28.2

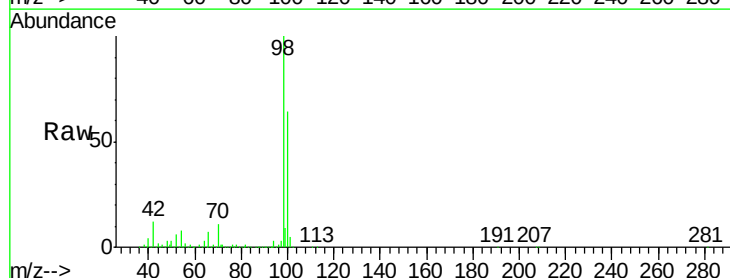


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

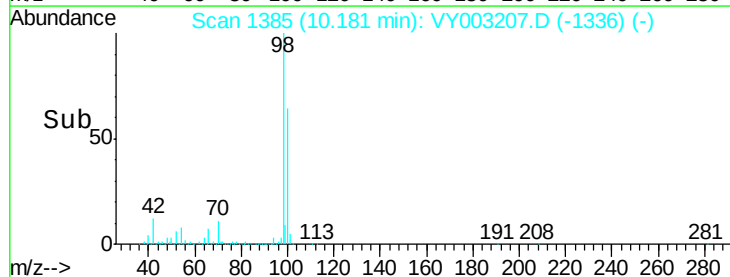
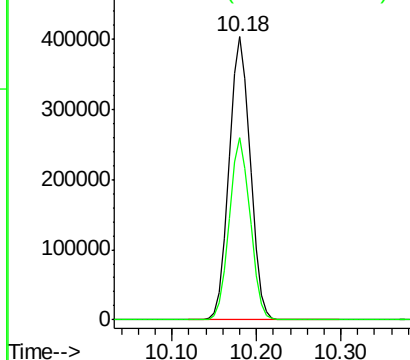


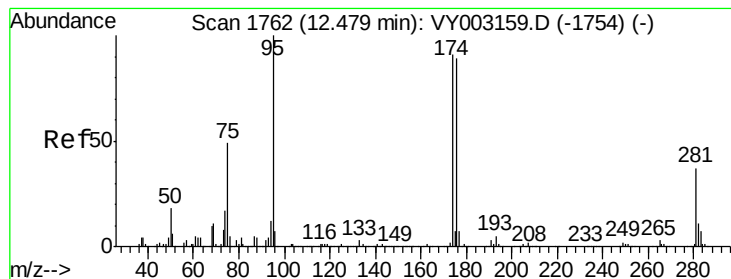
#50
Toluene-d8
Concen: 55.903 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003207.D
Acq: 16 Jul 2020 14:18

Tgt Ion: 98 Resp: 681530
Ion Ratio Lower Upper
98 100
100 63.4 50.7 76.1



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





#62

4-Bromofluorobenzene

Concen: 47.908 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003207.D

Acq: 16 Jul 2020 14:18

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-071420

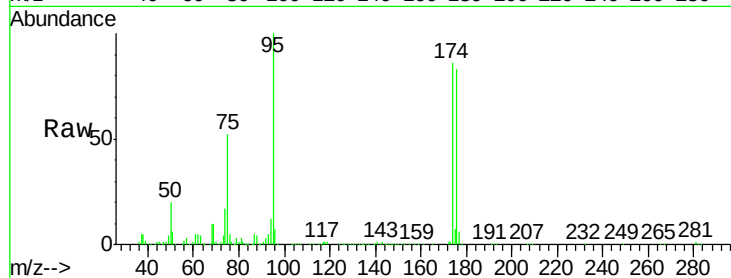
Tot Ion: 95 Resp: 210999

Ion Ratio Lower Upper

95 100

174 93.9 0.0 190.6

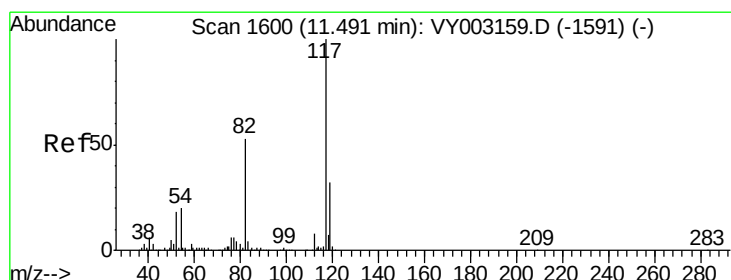
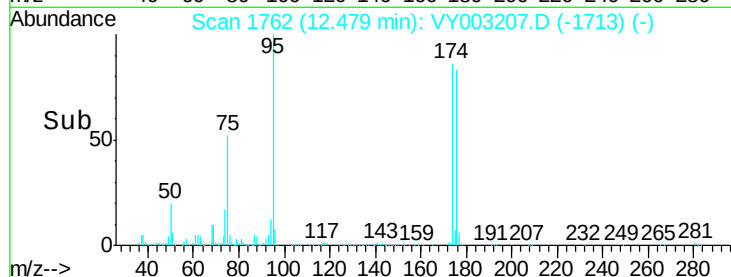
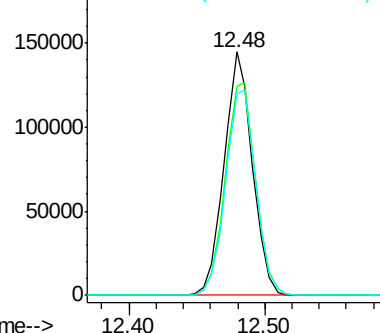
176 90.4 0.0 186.4



Abundance Ion 94.90 (94.60 to 95.60): VY003207.D (-1713) (-)

Ion 173.80 (173.50 to 174.50): VY003207.D (-1713) (-)

Ion 175.80 (175.50 to 176.50): VY003207.D (-1713) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003207.D

Acq: 16 Jul 2020 14:18

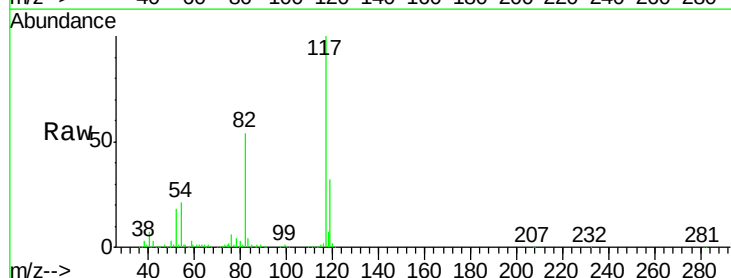
Tgt Ion: 117 Resp: 503744

Ion Ratio Lower Upper

117 100

82 54.2 42.0 63.0

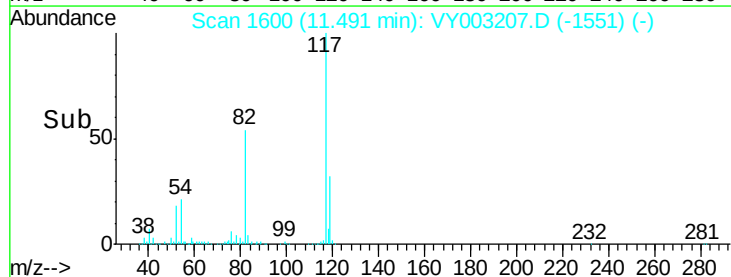
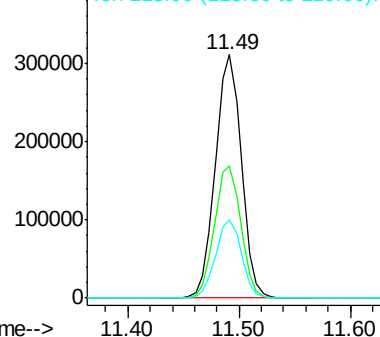
119 32.4 25.5 38.3

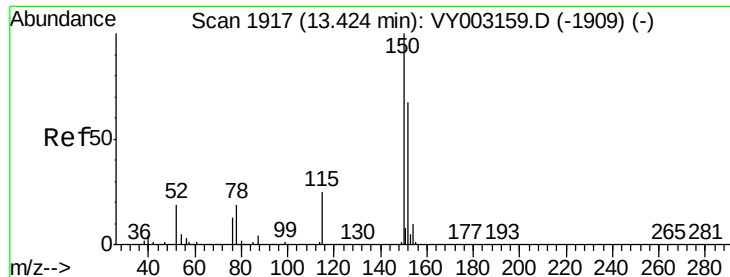


Abundance Ion 116.90 (116.60 to 117.60): VY003207.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY003207.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY003207.D (-1551) (-)



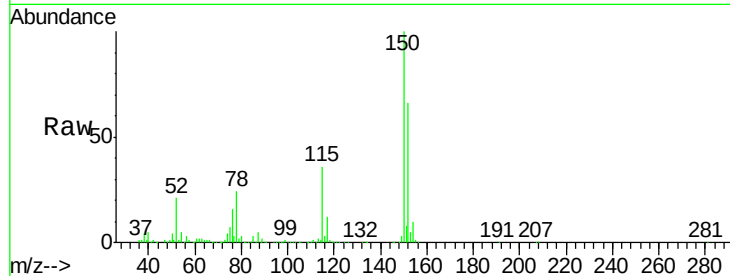


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003207.D
Acq: 16 Jul 2020 14:18

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-071420

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.0	26.9	80.7
150	155.4	0.0	338.0

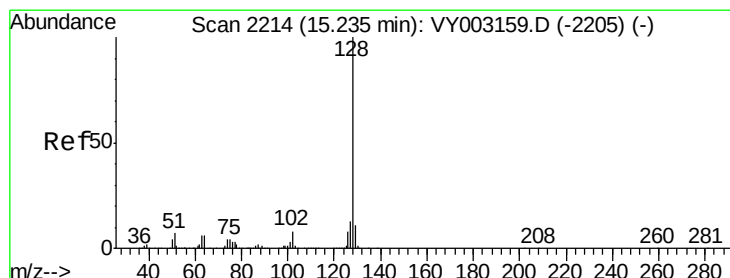
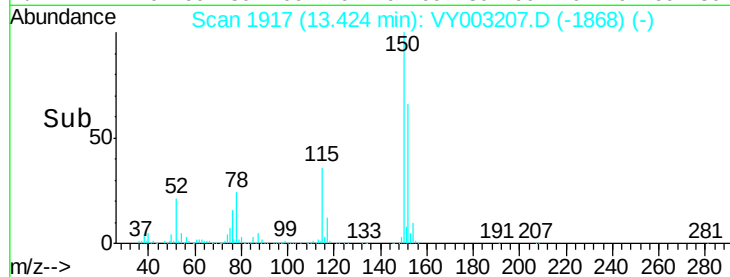
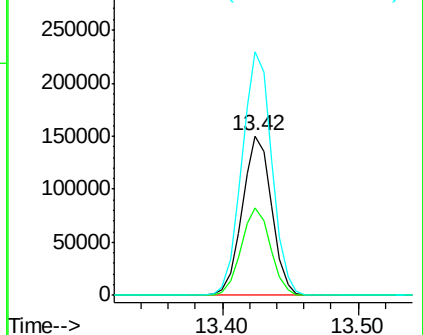


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

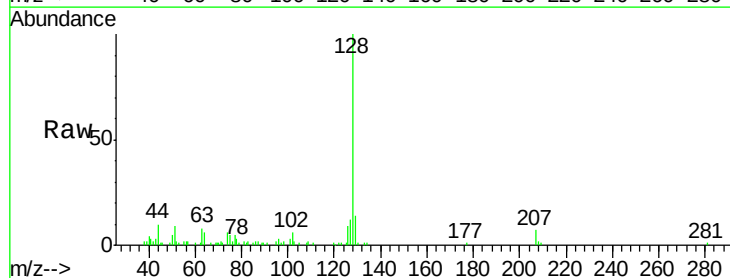
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 2.450 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003207.D
Acq: 16 Jul 2020 14:18

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.9	16.3
129	12.5	9.0	13.6



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

