

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070220\
 Data File : VY003089.D
 Acq On : 02 Jul 2020 16:47
 Operator : SY/MD
 Sample : L3205-01
 Misc : 5.02G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 12013

Quant Time: Jul 03 03:57:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

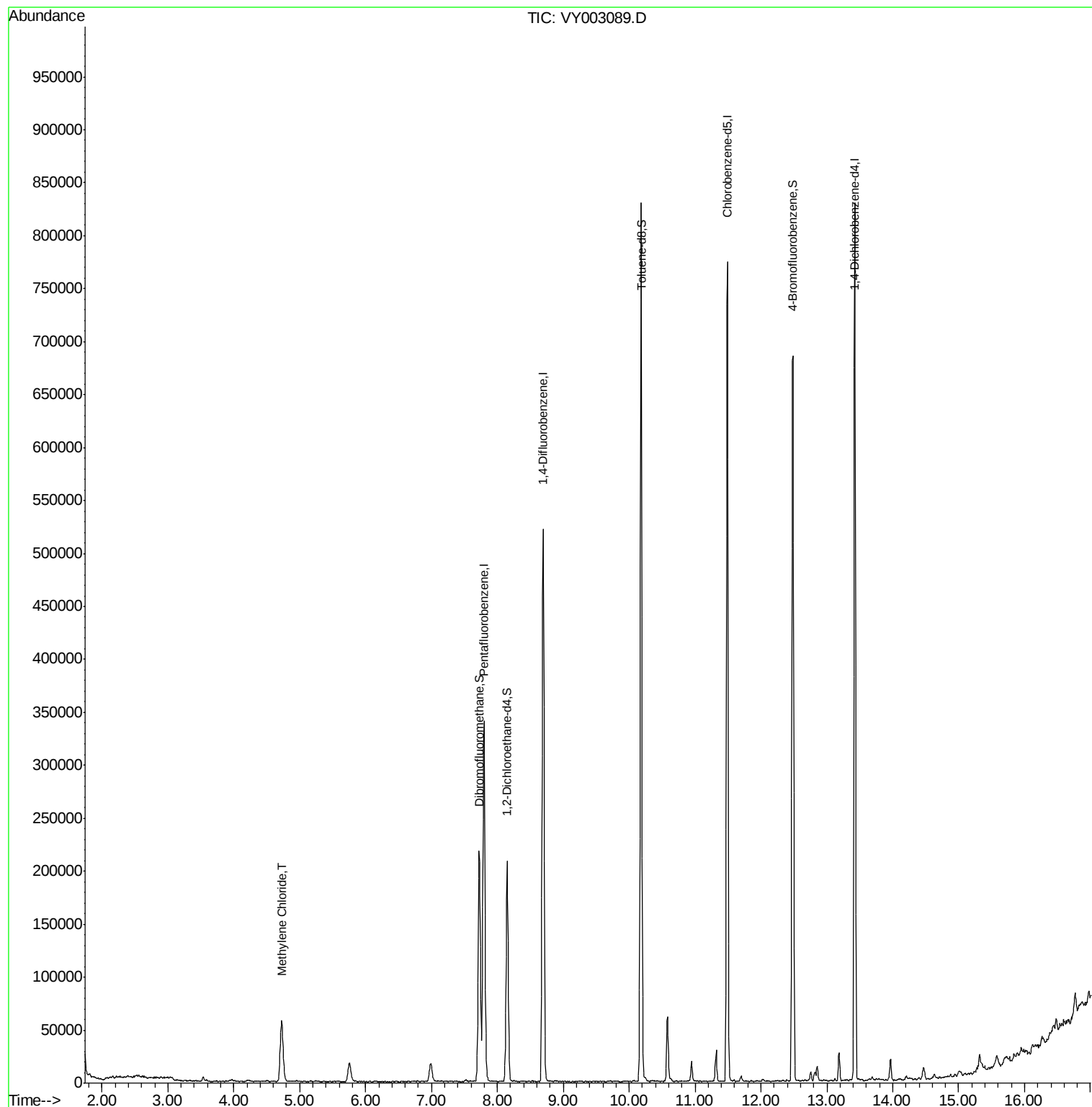
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	275501	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	450048	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	422861	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	206129	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	164802	60.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.46%	
35) Dibromofluoromethane	7.72	113	150284	53.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.06%	
50) Toluene-d8	10.18	98	540490	51.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.36%	
62) 4-Bromofluorobenzene	12.48	95	191817	52.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.20%	
Target Compounds						
20) Methylene Chloride	4.73	84	45874	10.410	ug/l #	Qvalue 80

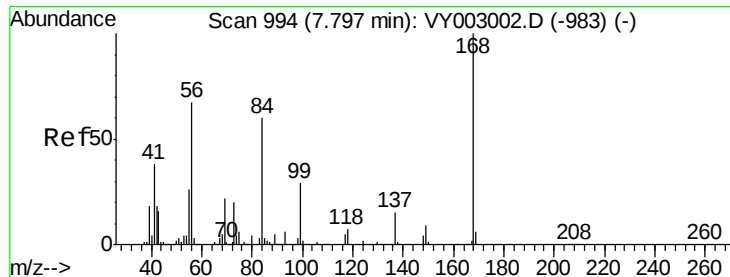
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003089.D

Acq: 02 Jul 2020 16:47

Instrument :

MSVOA_Y

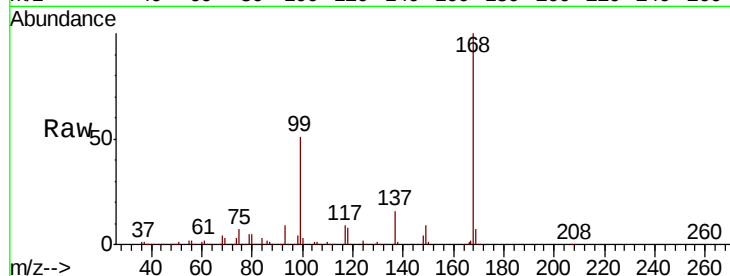
ClientSampleId :
12013

Tot Ion:168 Resp: 275501

Ion Ratio Lower Upper

168 100

99 51.4 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003002.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003089.D (-945) (-)

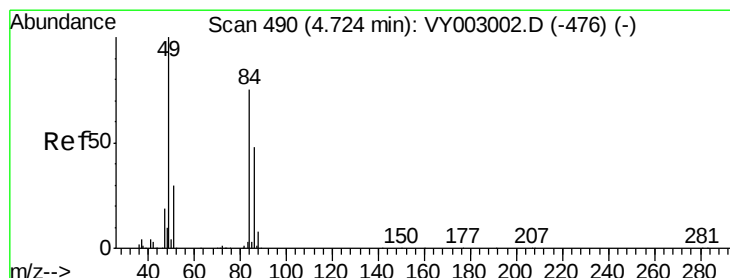
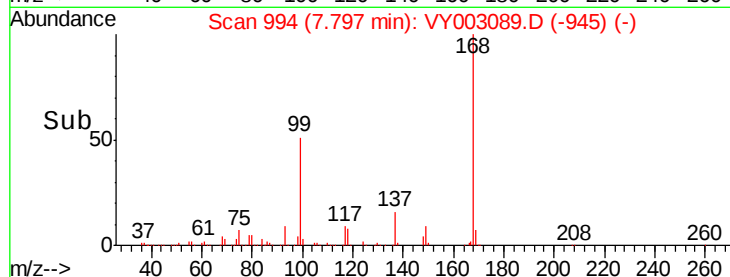
7.80

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 10.410 ug/l

RT: 4.73 min Scan# 491

Delta R.T. 0.01 min

Lab File: VY003089.D

Acq: 02 Jul 2020 16:47

Tgt Ion: 84 Resp: 45874

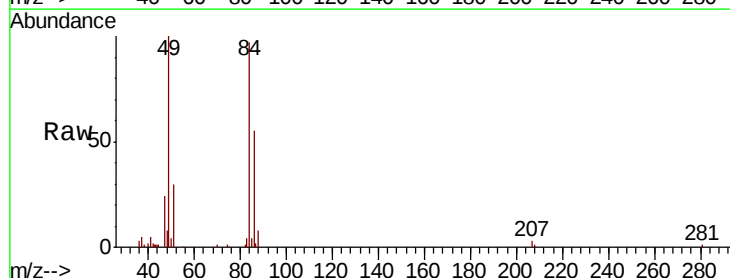
Ion Ratio Lower Upper

84 100

49 103.1 106.8 160.2#

51 30.8 32.0 48.0#

86 56.4 51.4 77.2



Abundance Ion 83.90 (83.60 to 84.60): VY003002.D (-476) (-)

Ion 48.90 (48.60 to 49.60): VY003089.D (-441) (-)

Ion 50.90 (50.60 to 51.60): VY003089.D (-441) (-)

Ion 85.90 (85.60 to 86.60): VY003089.D (-441) (-)

25000

20000

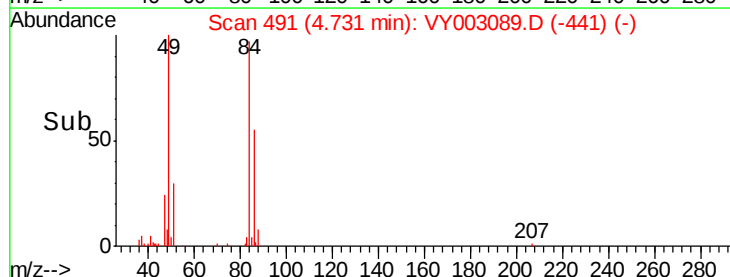
15000

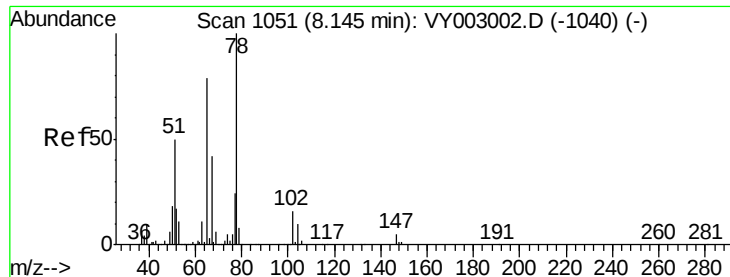
10000

5000

0

Time-->

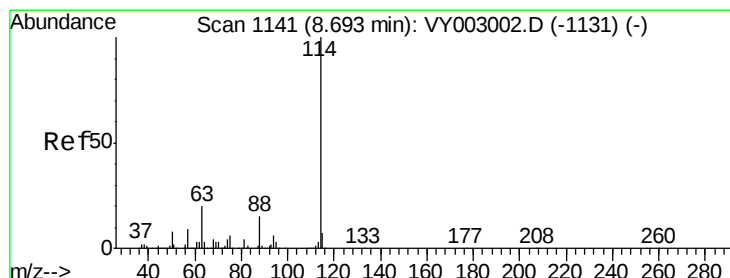
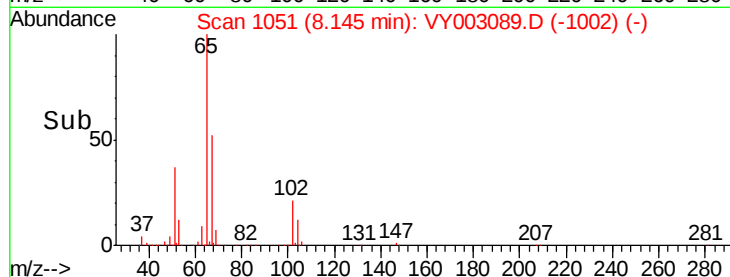
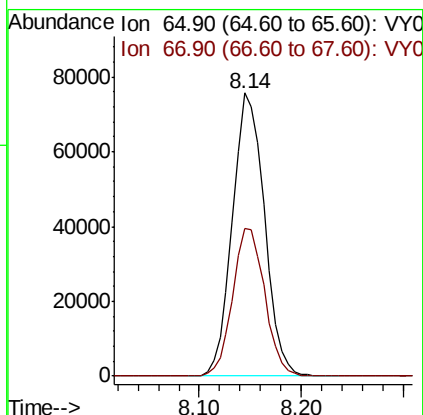
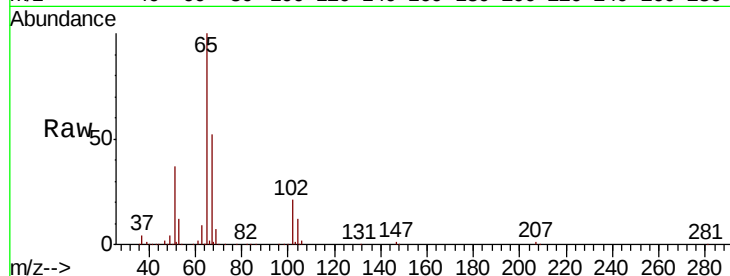




#33
 1,2-Dichloroethane-d4
 Concen: 60.228 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003089.D
 Acq: 02 Jul 2020 16:47

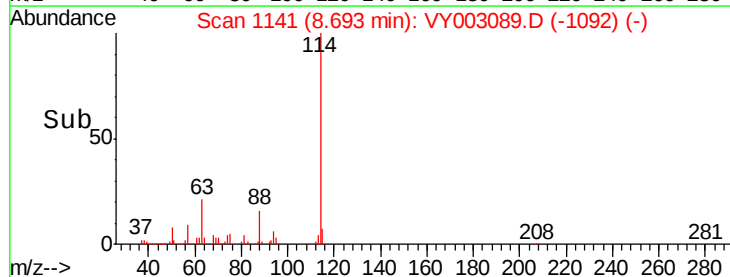
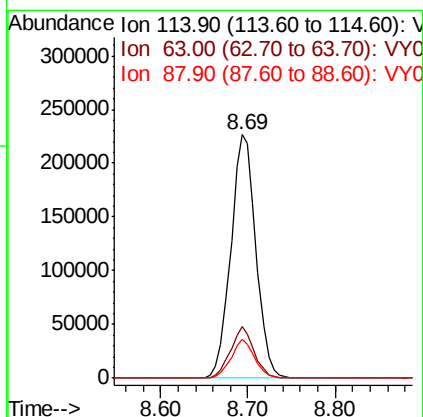
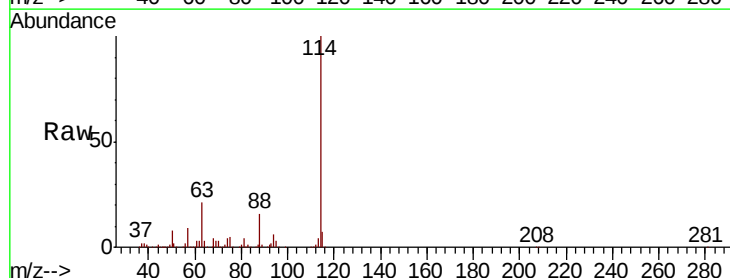
Instrument :
 MSVOA_Y
 ClientSampled :
 12013

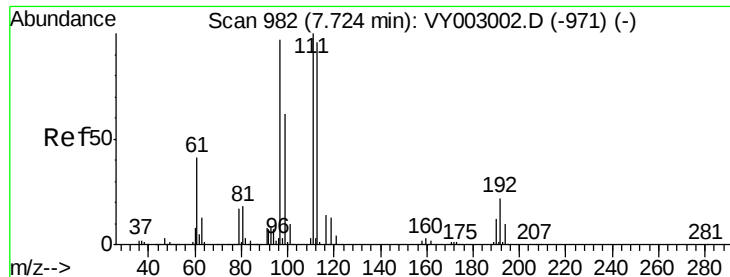
Tot Ion: 65 Resp: 164802
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003089.D
 Acq: 02 Jul 2020 16:47

Tgt Ion: 114 Resp: 450048
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 40.6
 88 15.7 0.0 30.0

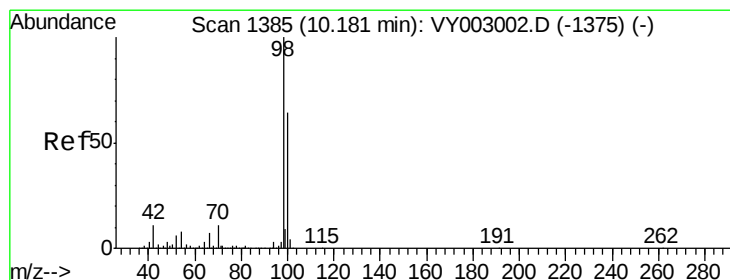
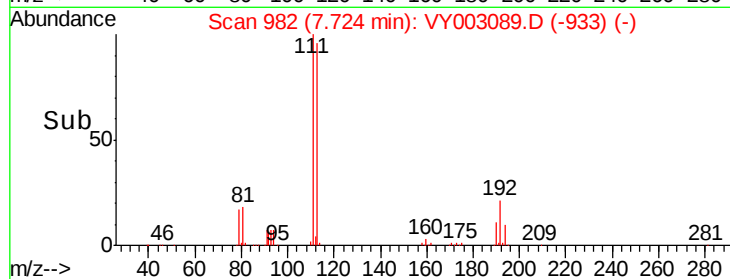
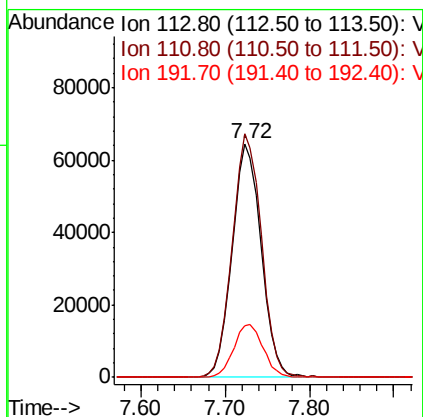
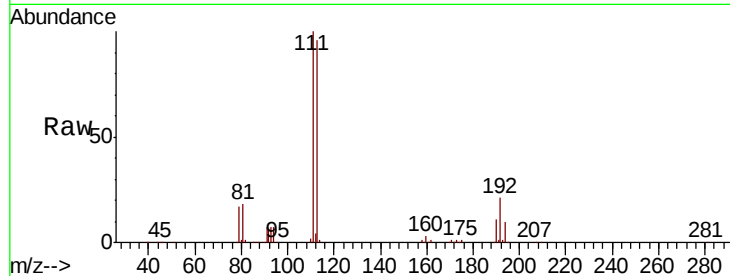




#35
 Dibromofluoromethane
 Concen: 53.530 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003089.D
 Acq: 02 Jul 2020 16:47

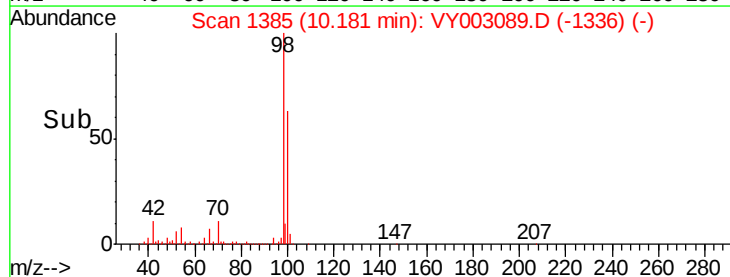
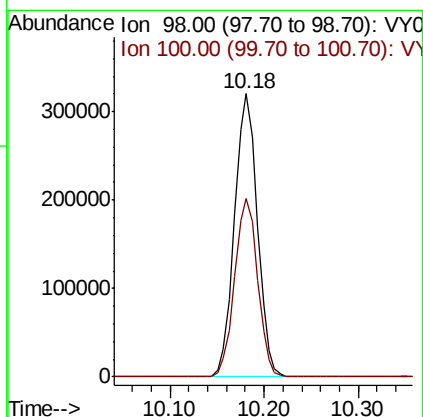
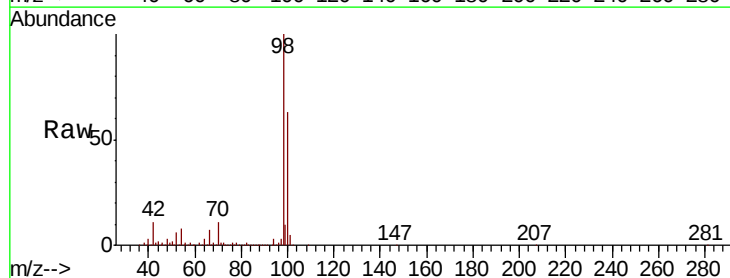
Instrument :
 MSVOA_Y
 ClientSampled :
 12013

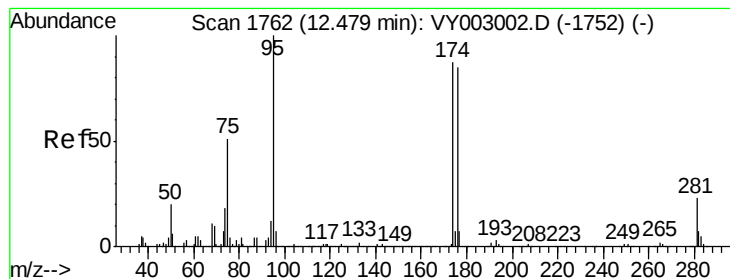
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.7	82.6	123.8
192	22.9	18.1	27.1



#50
 Toluene-d8
 Concen: 51.677 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: VY003089.D
 Acq: 02 Jul 2020 16:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.1	76.7





#62

4-Bromofluorobenzene

Concen: 52.101 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003089.D

Acq: 02 Jul 2020 16:47

Instrument :

MSVOA_Y

ClientSampleId :

12013

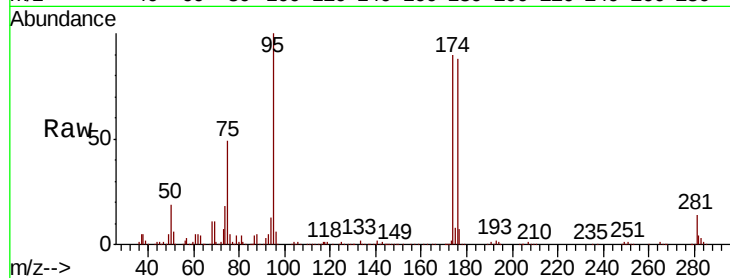
Tot Ion: 95 Resp: 191817

Ion Ratio Lower Upper

95 100

174 91.4 0.0 184.8

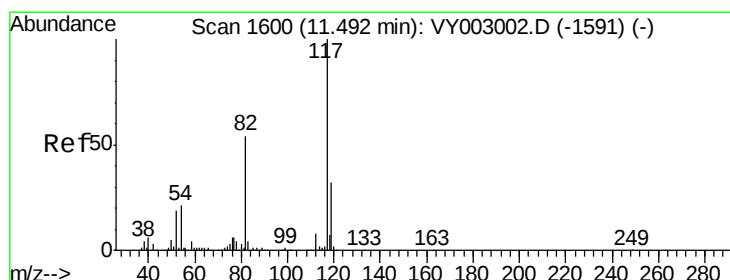
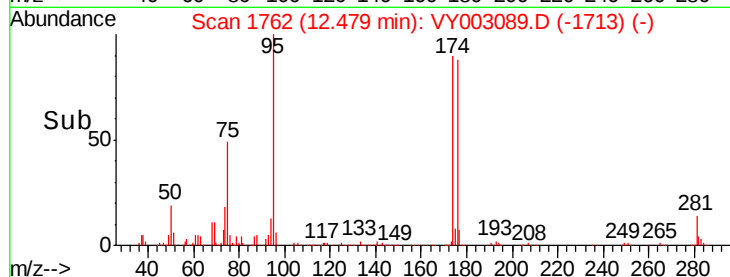
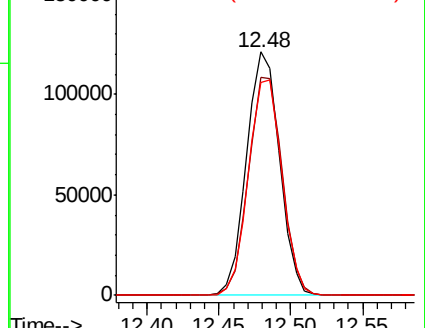
176 90.1 0.0 183.0



Abundance Ion 94.90 (94.60 to 95.60): VY003089.D (-1752) (-)

Ion 173.80 (173.50 to 174.50): VY003089.D (-1752) (-)

Ion 175.80 (175.50 to 176.50): VY003089.D (-1752) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY003089.D

Acq: 02 Jul 2020 16:47

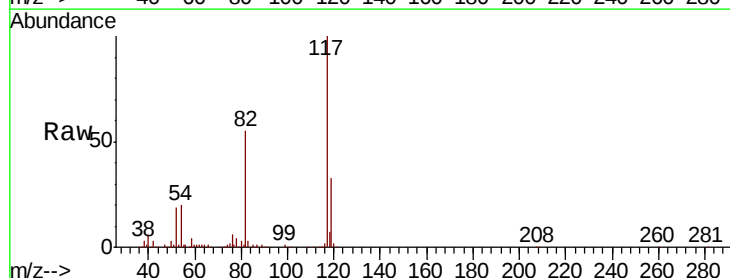
Tgt Ion: 117 Resp: 422861

Ion Ratio Lower Upper

117 100

82 54.7 43.0 64.6

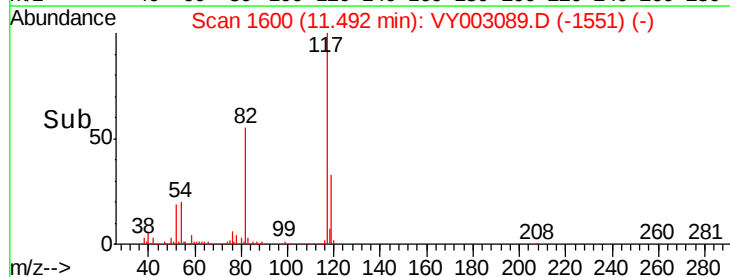
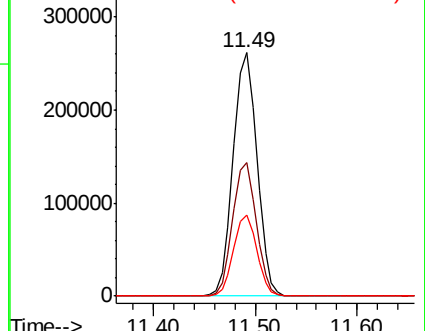
119 33.1 25.8 38.8

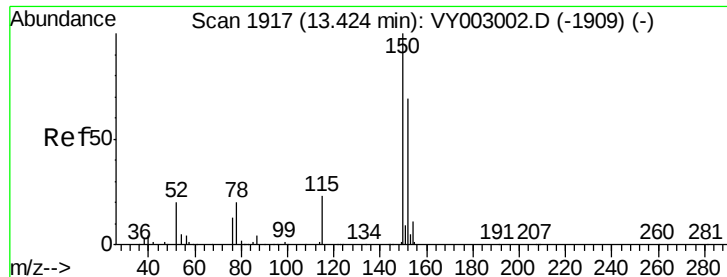


Abundance Ion 116.90 (116.60 to 117.60): VY003089.D (-1591) (-)

Ion 82.00 (81.70 to 82.70): VY003089.D (-1591) (-)

Ion 118.90 (118.60 to 119.60): VY003089.D (-1591) (-)



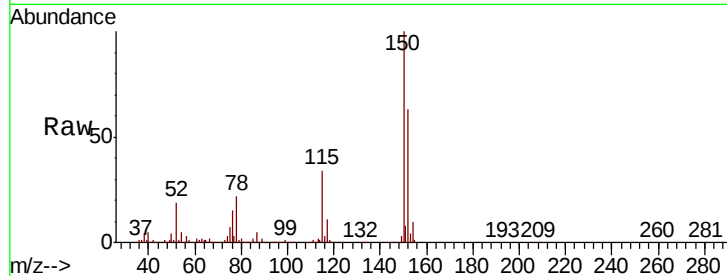


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.42 min Scan# 1917
 Delta R.T. 0.00 min
 Lab File: VY003089.D
 Acq: 02 Jul 2020 16:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 12013

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.2	27.3	81.9
150	158.6	0.0	343.4



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

