

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
 Data File : VY003042.D
 Acq On : 30 Jun 2020 18:03
 Operator : SY/MD
 Sample : L3153-43
 Misc : 8.09G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP2-L

Quant Time: Jul 01 06:48:02 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

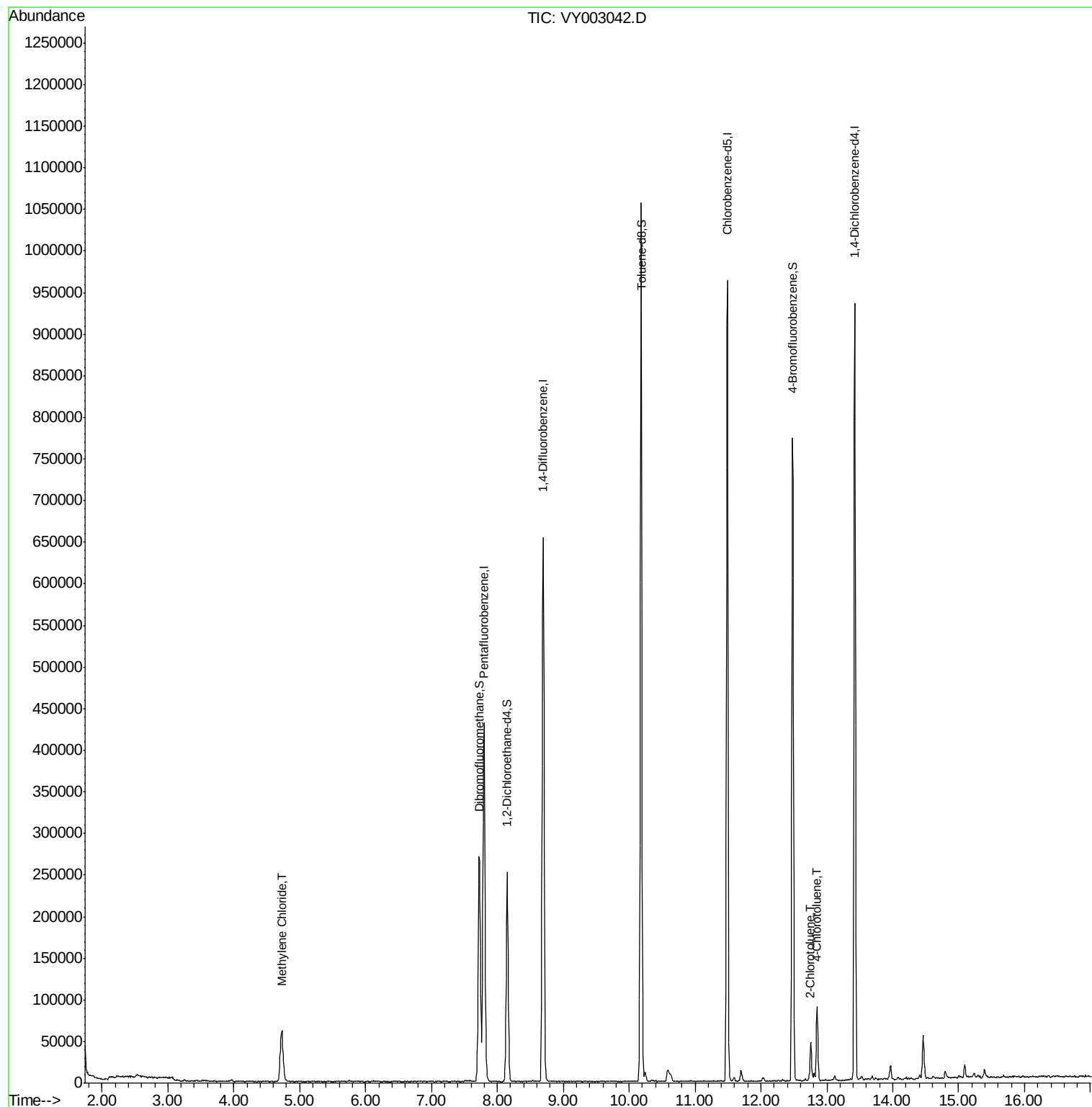
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	359794	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	568509	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	533299	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	244200	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	191271	53.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.06%	
35) Dibromofluoromethane	7.72	113	190129	53.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.22%	
50) Toluene-d8	10.18	98	682290	51.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.28%	
62) 4-Bromofluorobenzene	12.48	95	230383	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.08%	
Target Compounds						
20) Methylene Chloride	4.72	84	47911	6.703	ug/l	90
79) 2-Chlorotoluene	12.75	91	24438	2.278	ug/l	94
82) 4-Chlorotoluene	12.85	91	49346	4.418	ug/l	98

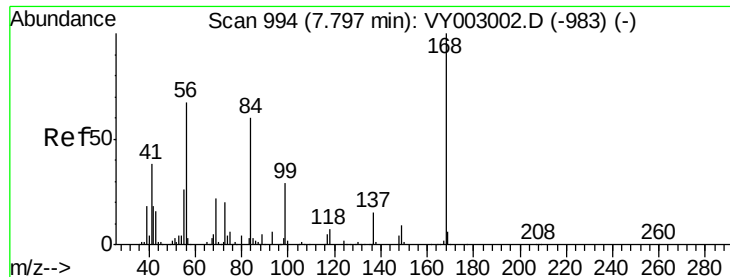
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
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Acq On : 30 Jun 2020 18:03
Operator : SY/MD
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Quant Time: Jul 01 06:48:02 2020
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003042.D

Acq: 30 Jun 2020 18:03

Instrument :

MSVOA_Y

ClientSampleId :

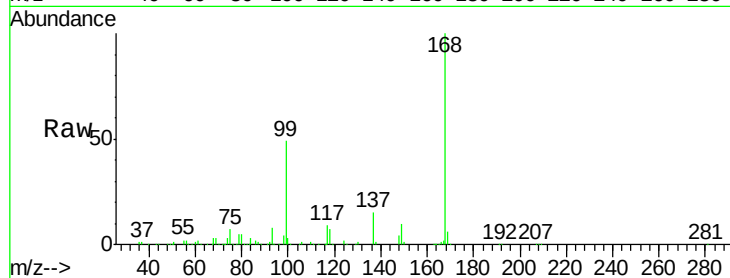
SP2-L

Tot Ion:168 Resp: 359794

Ion Ratio Lower Upper

168 100

99 48.6 39.2 58.8



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

Ion 98.90 (98.60 to 99.60): VY003002.D (-983) (-)

7.80

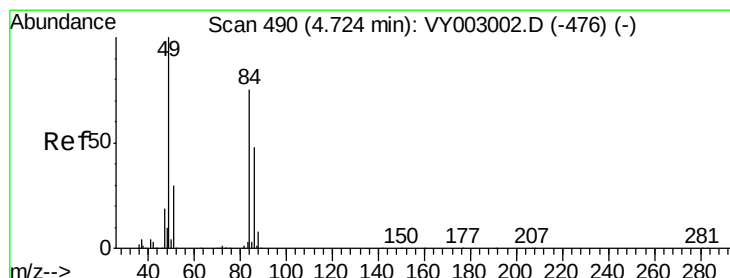
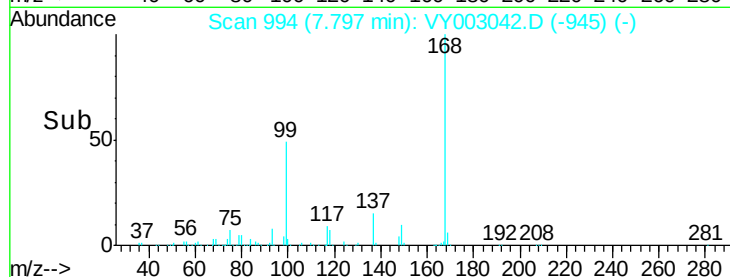
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 6.703 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY003042.D

Acq: 30 Jun 2020 18:03

Tgt Ion: 84 Resp: 47911

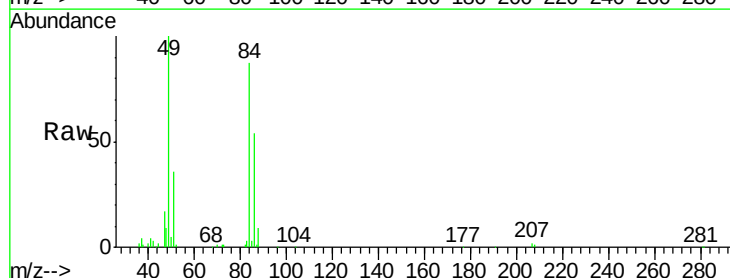
Ion Ratio Lower Upper

84 100

49 114.7 106.8 160.2

51 41.6 32.0 48.0

86 62.1 51.4 77.2



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

Ion 48.90 (48.60 to 49.60): VY003002.D (-476) (-)

Ion 50.90 (50.60 to 51.60): VY003002.D (-476) (-)

Ion 85.90 (85.60 to 86.60): VY003002.D (-476) (-)

4.72

25000

20000

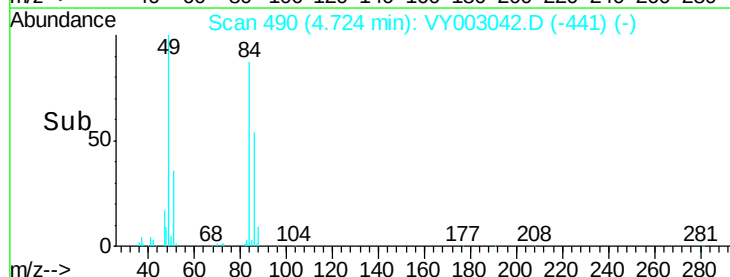
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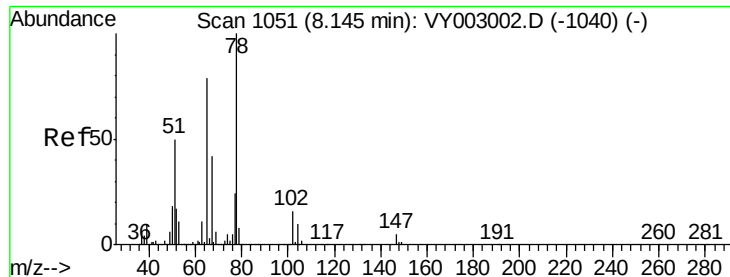
10000

5000

0

Time-->

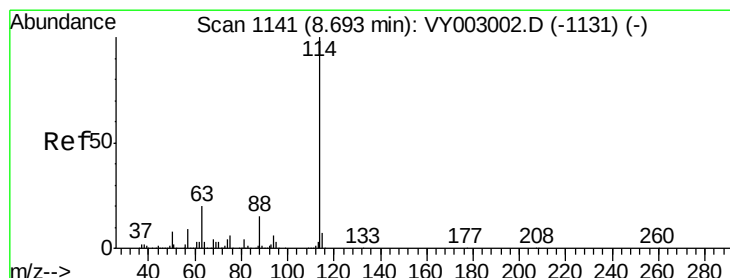
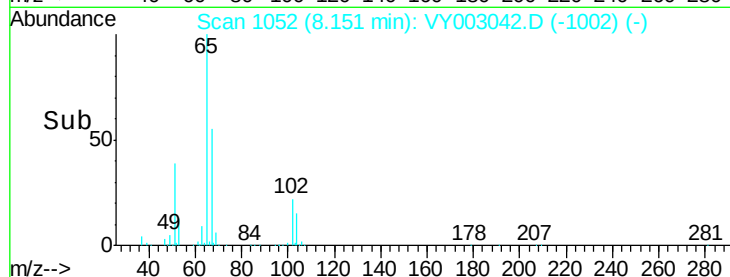
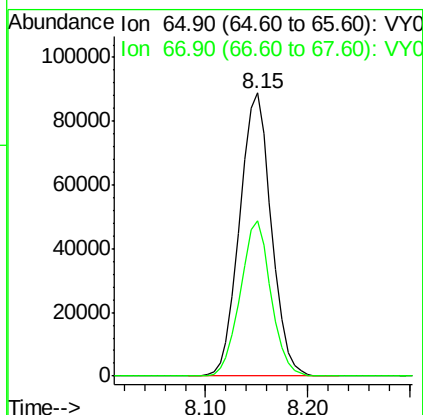
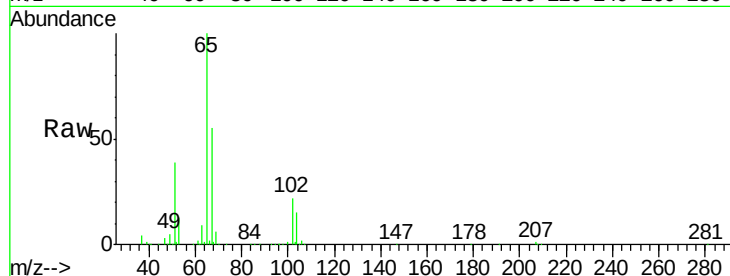




#33
 1,2-Dichloroethane-d4
 Concen: 53.525 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003042.D
 Acq: 30 Jun 2020 18:03

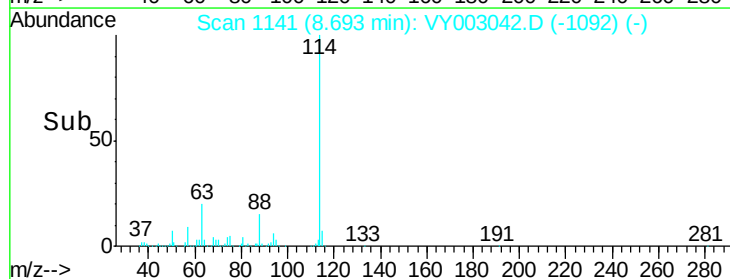
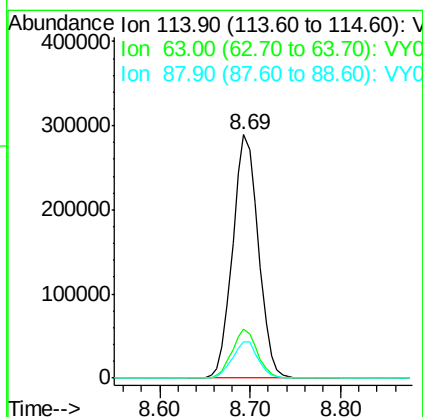
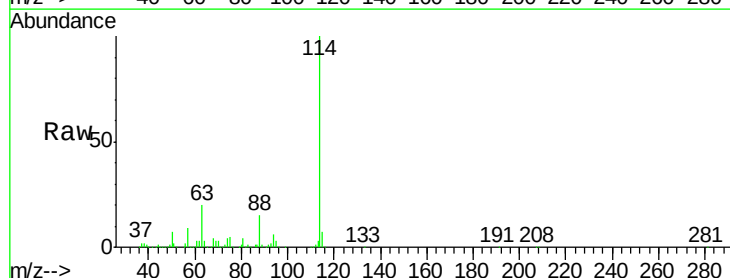
Instrument :
 MSVOA_Y
 ClientSampleId :
 SP2-L

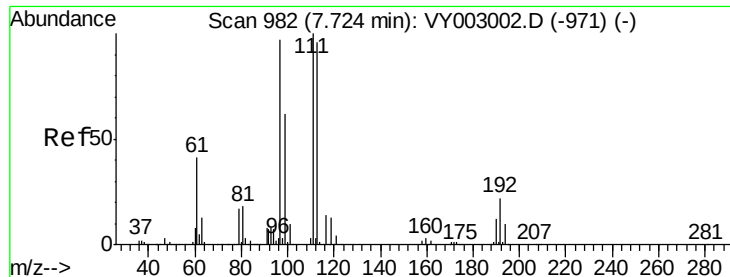
Tot Ion: 65 Resp: 191271
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003042.D
 Acq: 30 Jun 2020 18:03

Tgt Ion: 114 Resp: 568509
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.6
 88 15.1 0.0 30.0

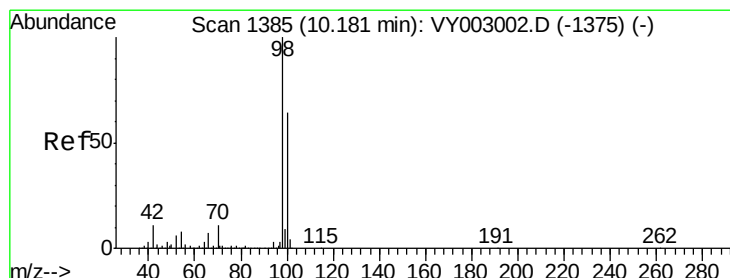
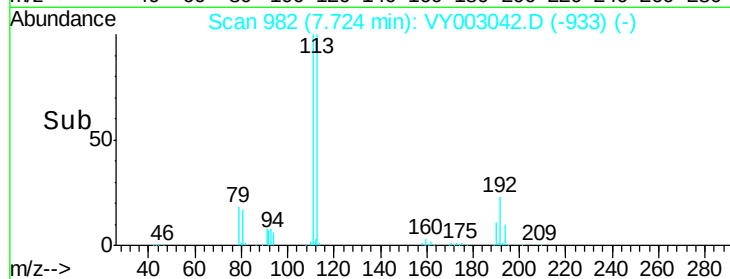
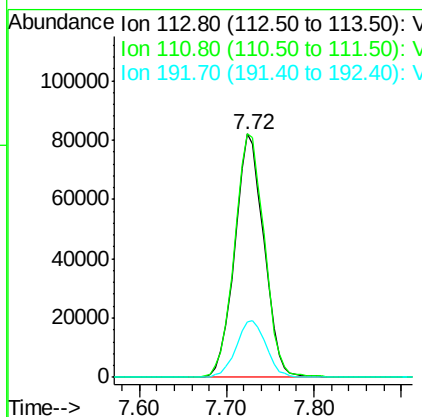
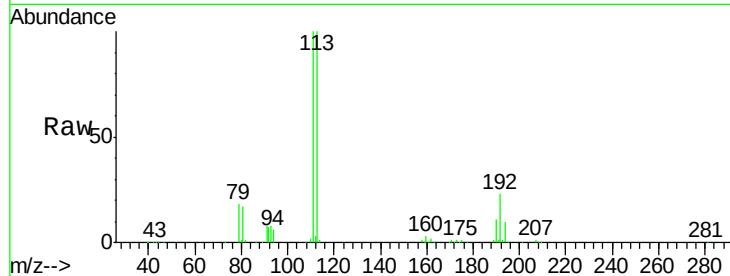




#35
 Dibromofluoromethane
 Concen: 53.611 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003042.D
 Acq: 30 Jun 2020 18:03

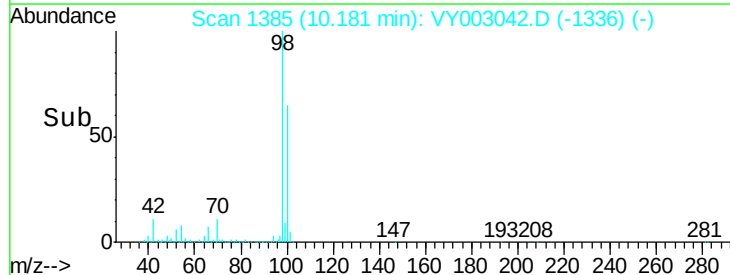
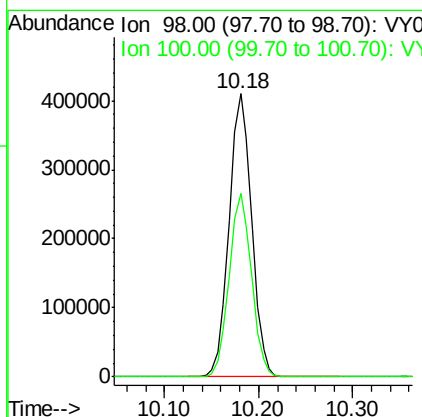
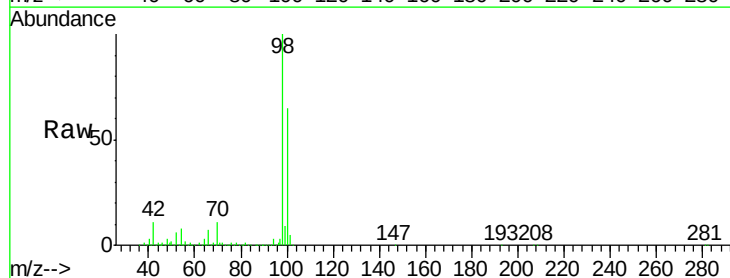
Instrument :
 MSVOA_Y
 ClientSampled :
 SP2-L

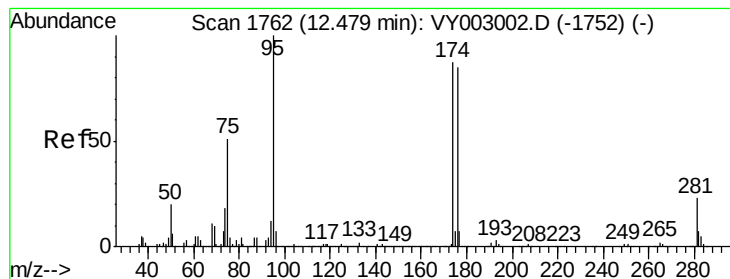
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.6	123.8
192	23.7	18.1	27.1



#50
 Toluene-d8
 Concen: 51.641 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY003042.D
 Acq: 30 Jun 2020 18:03

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.1	76.7





#62

4-Bromofluorobenzene

Concen: 49.537 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003042.D

Acq: 30 Jun 2020 18:03

Instrument :

MSVOA_Y

ClientSampleId :

SP2-L

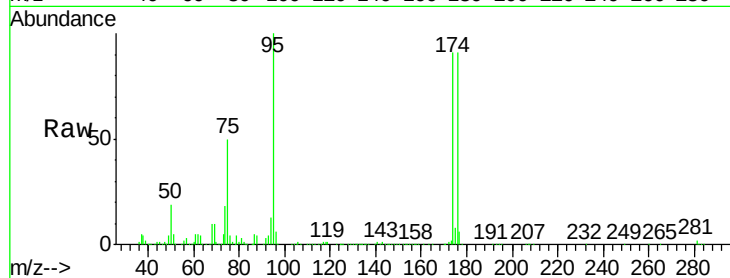
Tot Ion: 95 Resp: 230383

Ion Ratio Lower Upper

95 100

174 94.4 0.0 184.8

176 92.8 0.0 183.0



Abundance Ion 94.90 (94.60 to 95.60): VY003002.D (-1752) (-)

Ion 173.80 (173.50 to 174.50): VY003002.D (-1752) (-)

Ion 175.80 (175.50 to 176.50): VY003002.D (-1752) (-)

12.48

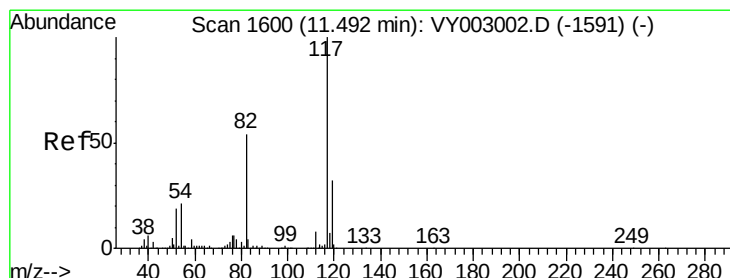
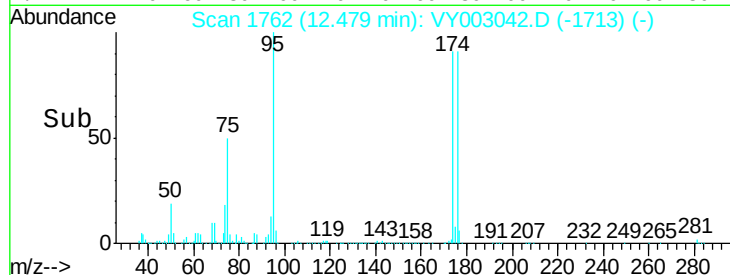
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003042.D

Acq: 30 Jun 2020 18:03

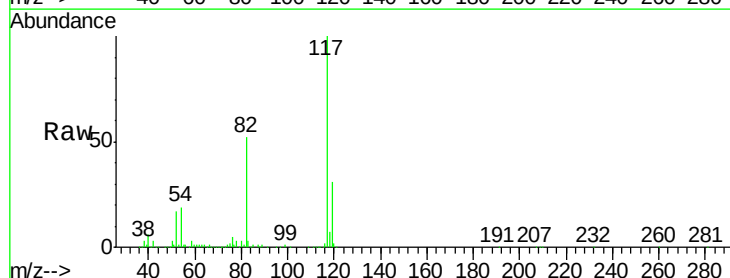
Tgt Ion: 117 Resp: 533299

Ion Ratio Lower Upper

117 100

82 51.8 43.0 64.6

119 31.3 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): VY003002.D (-1591) (-)

Ion 82.00 (81.70 to 82.70): VY003002.D (-1591) (-)

Ion 118.90 (118.60 to 119.60): VY003002.D (-1591) (-)

11.49

400000

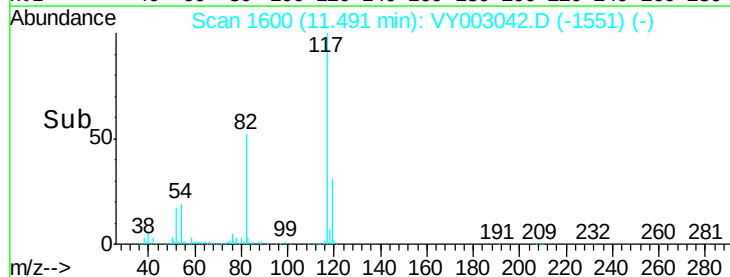
300000

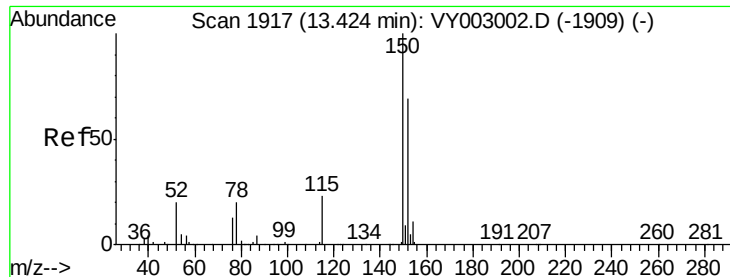
200000

100000

0

Time-->

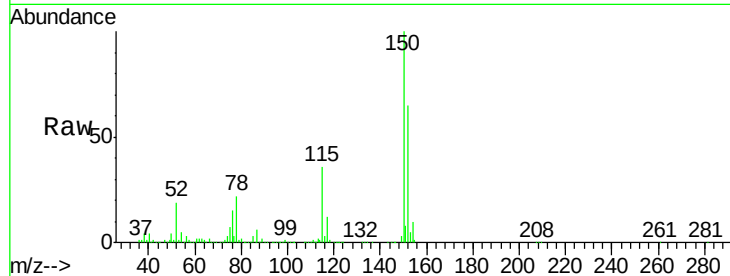




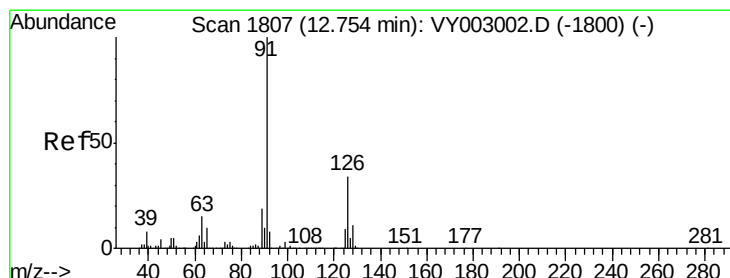
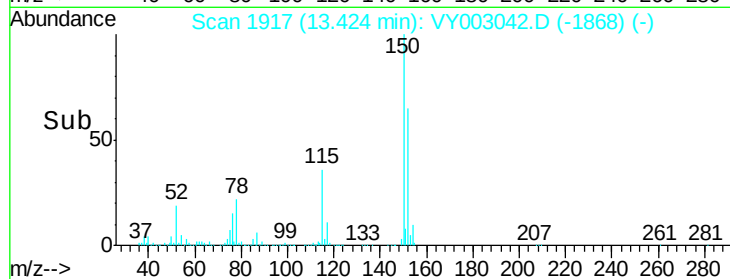
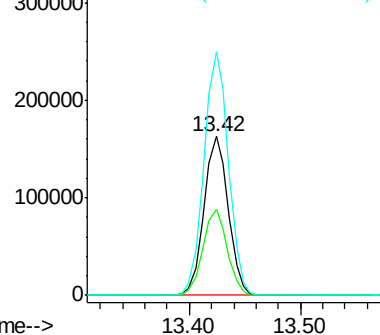
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.42 min Scan# 1917
 Delta R.T. -0.00 min
 Lab File: VY003042.D
 Acq: 30 Jun 2020 18:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP2-L

Tot Ion:152 Resp: 244200
 Ion Ratio Lower Upper
 152 100
 115 54.2 27.3 81.9
 150 155.1 0.0 343.4

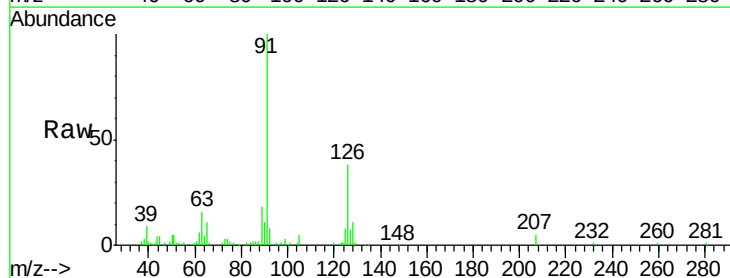


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

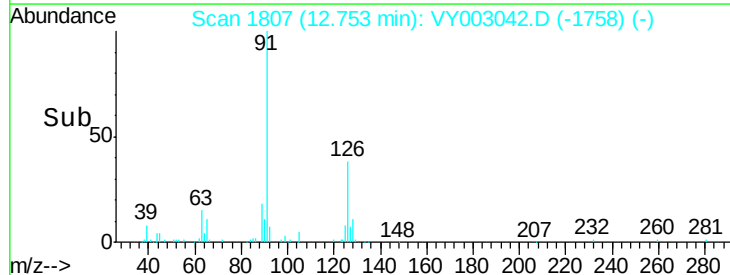
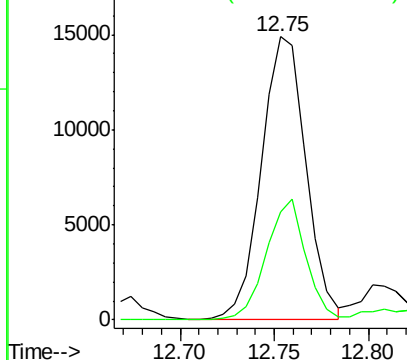


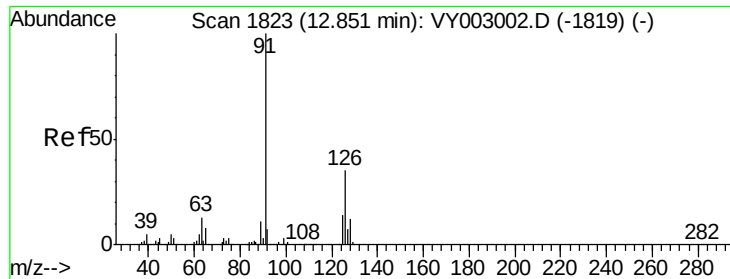
#79
 2-Chlorotoluene
 Concen: 2.278 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY003042.D
 Acq: 30 Jun 2020 18:03

Tgt Ion: 91 Resp: 24438
 Ion Ratio Lower Upper
 91 100
 126 37.7 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VY0
 Ion 125.90 (125.60 to 126.60): V





#82
 4-Chlorotoluene
 Concen: 4.418 ug/l
 RT: 12.85 min Scan# 1823
 Delta R.T. -0.00 min
 Lab File: VY003042.D
 Acq: 30 Jun 2020 18:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP2-L

Tot Ion: 91 Resp: 49346
 Ion Ratio Lower Upper
 91 100
 126 33.7 17.4 52.3

