

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062920\
 Data File : VY003023.D
 Acq On : 29 Jun 2020 21:53
 Operator : SY/MD
 Sample : L3153-13
 Misc : 6.70G/5ML/MSVOA Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP2-B

Quant Time: Jun 30 07:41:50 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

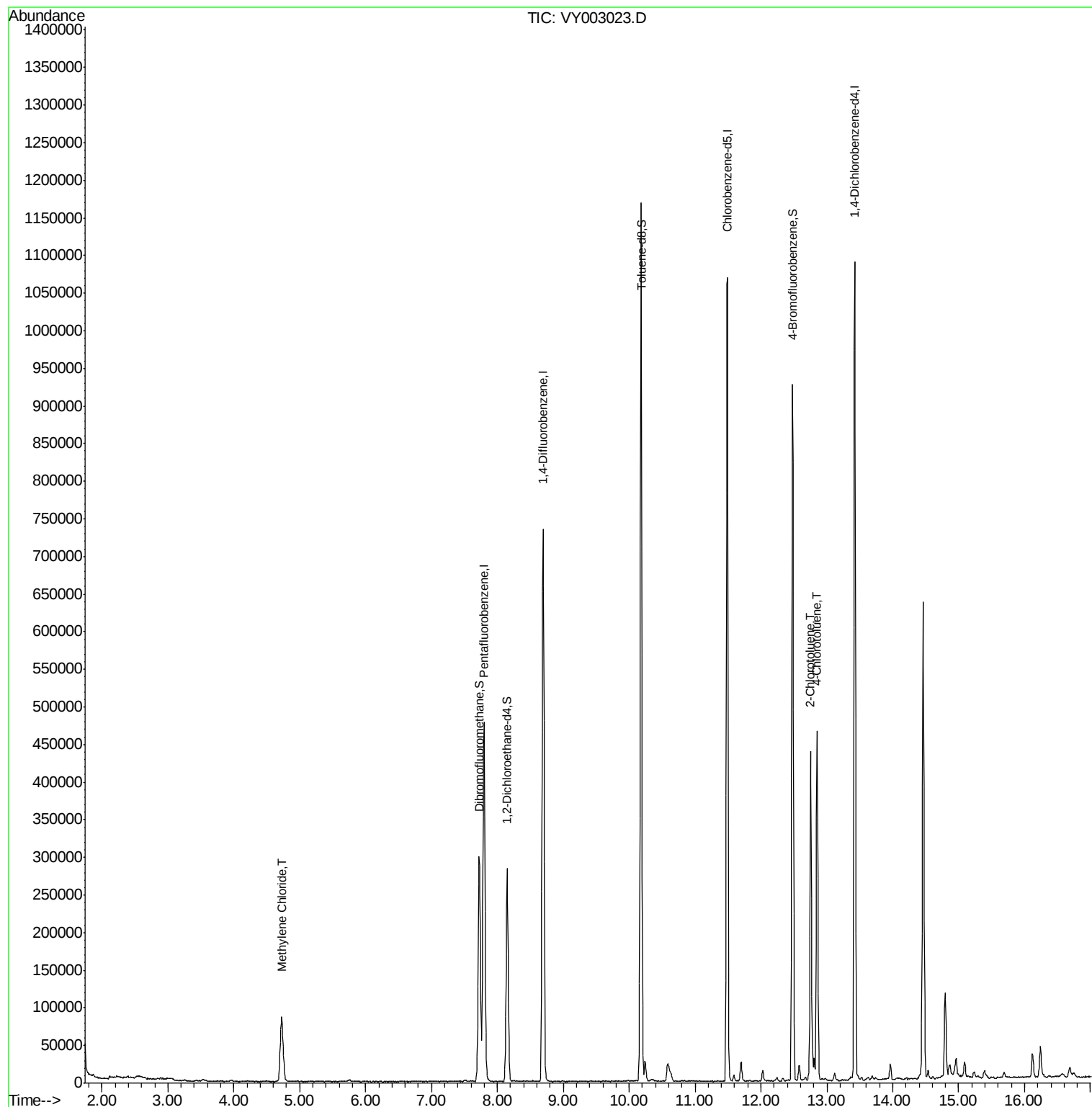
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	399210	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	634348	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	594786	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	287004	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	224169	56.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.08%	
35) Dibromofluoromethane	7.72	113	209776	53.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.02%	
50) Toluene-d8	10.18	98	758064	51.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.84%	
62) 4-Bromofluorobenzene	12.48	95	265810	51.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.44%	
Target Compounds						
20) Methylene Chloride	4.72	84	66330	10.370	ug/l	89
79) 2-Chlorotoluene	12.75	91	236137	18.728	ug/l	99
82) 4-Chlorotoluene	12.85	91	254823	19.411	ug/l	99

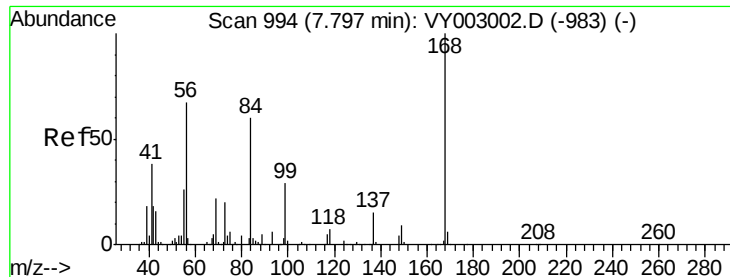
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY062920\
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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: VY003023.D

Acq: 29 Jun 2020 21:53

Instrument :

MSVOA_Y

ClientSampleId :

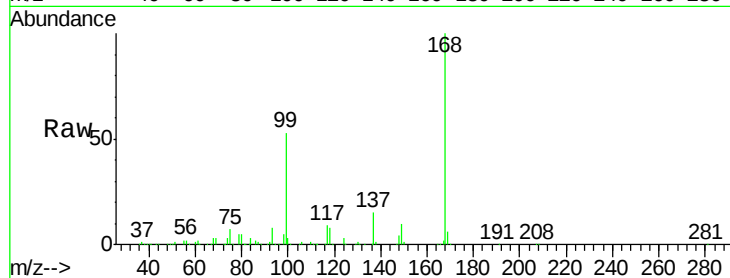
SP2-B

Tot Ion:168 Resp: 399210

Ion Ratio Lower Upper

168 100

99 52.8 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

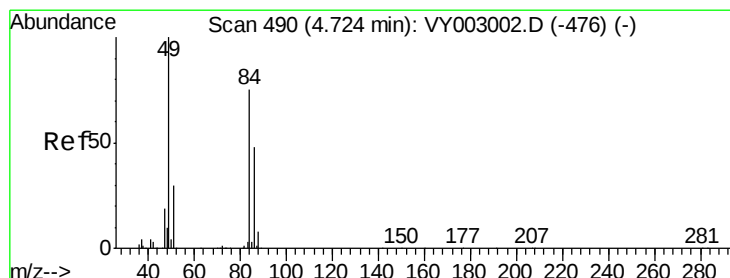
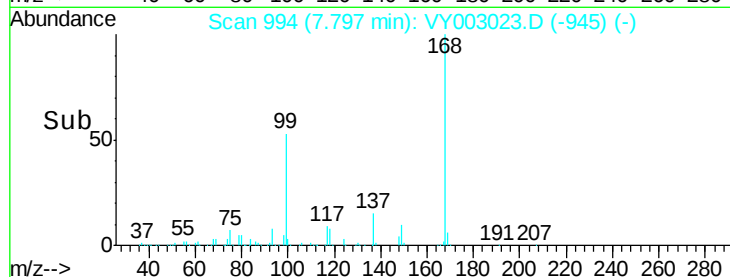
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 10.370 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY003023.D

Acq: 29 Jun 2020 21:53

Tgt Ion: 84 Resp: 66330

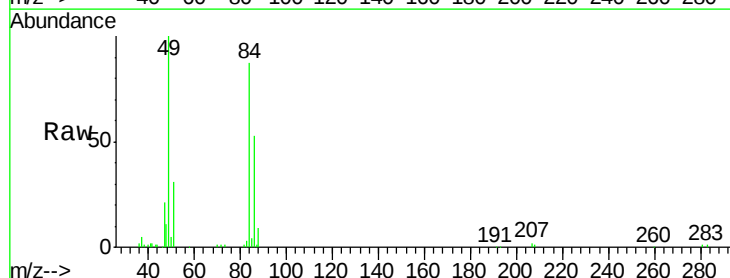
Ion Ratio Lower Upper

84 100

49 115.1 106.8 160.2

51 35.8 32.0 48.0

86 61.3 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

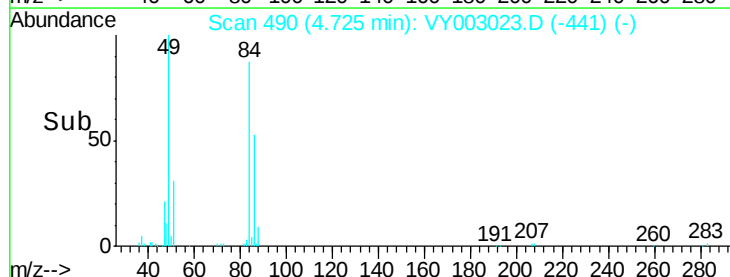
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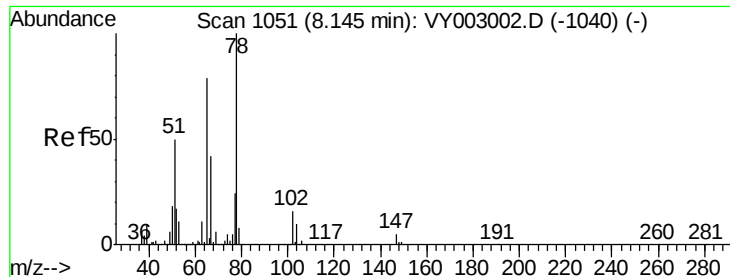
20000

10000

0

Time-->

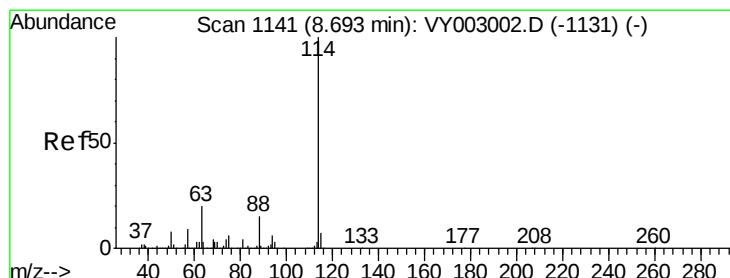
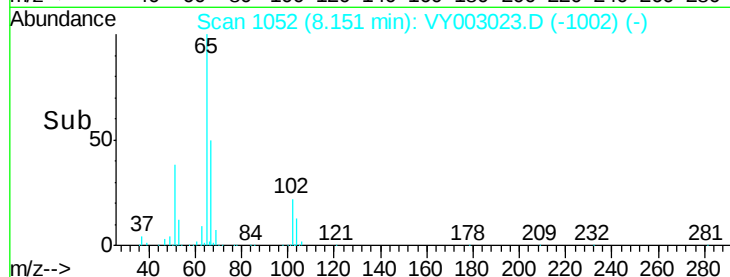
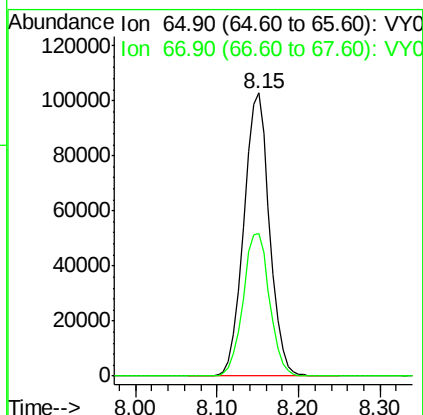
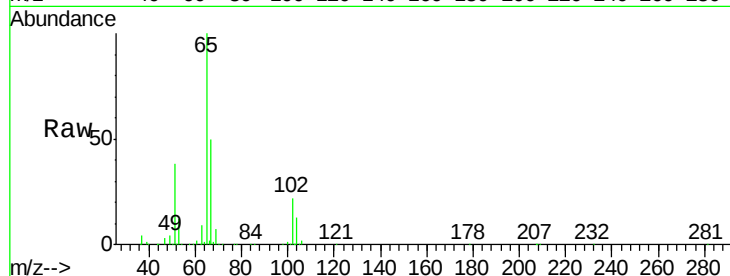




#33
 1,2-Dichloroethane-d4
 Concen: 56.538 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003023.D
 Acq: 29 Jun 2020 21:53

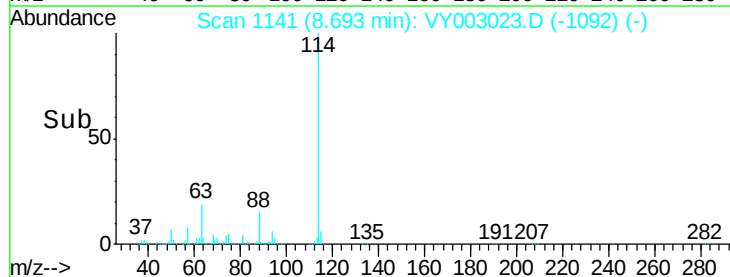
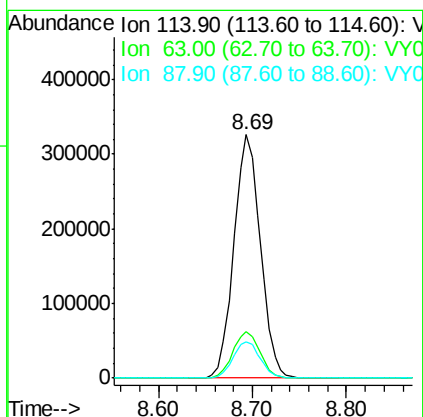
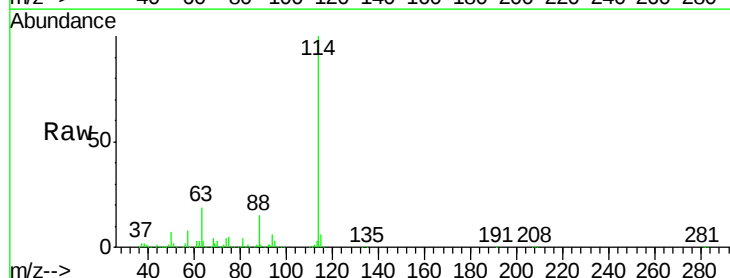
Instrument :
 MSVOA_Y
 ClientSampleId :
 SP2-B

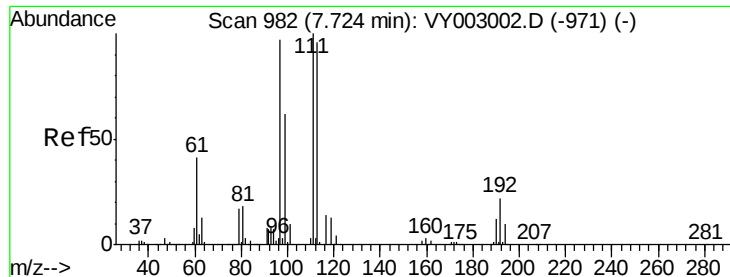
Tot Ion: 65 Resp: 224169
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003023.D
 Acq: 29 Jun 2020 21:53

Tgt Ion: 114 Resp: 634348
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.6
 88 14.9 0.0 30.0

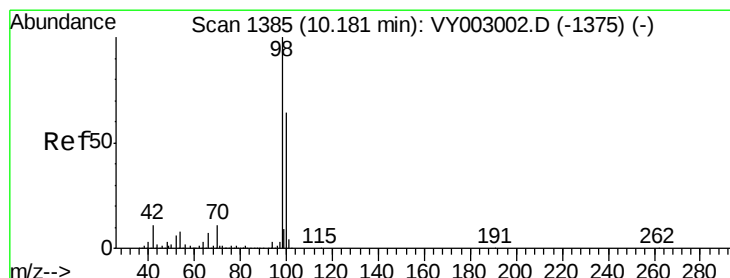
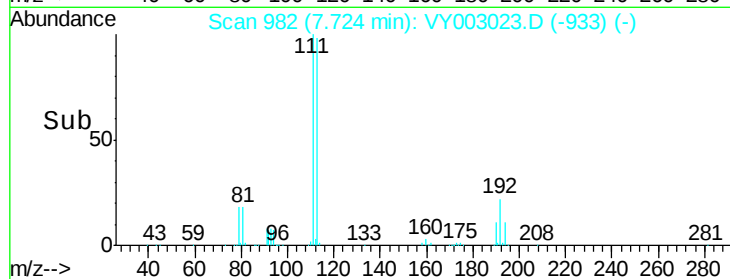
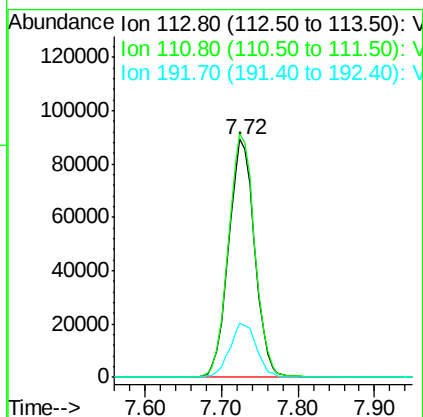
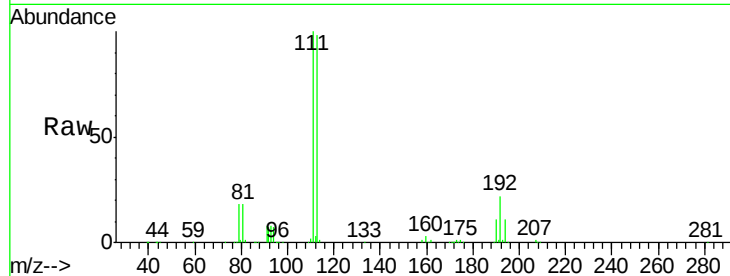




#35
 Dibromofluoromethane
 Concen: 53.012 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003023.D
 Acq: 29 Jun 2020 21:53

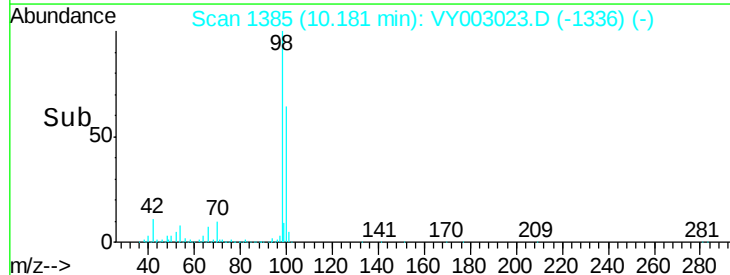
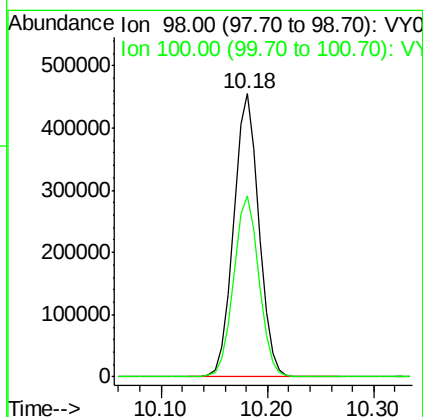
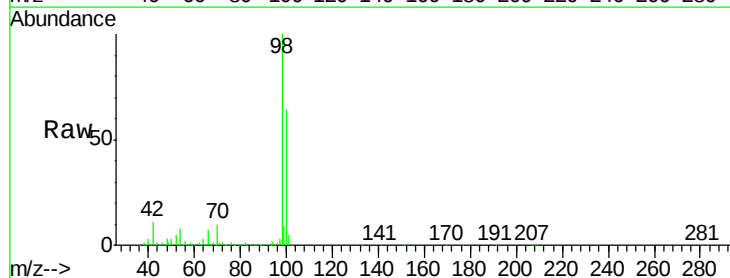
Instrument :
 MSVOA_Y
 ClientSampleId :
 SP2-B

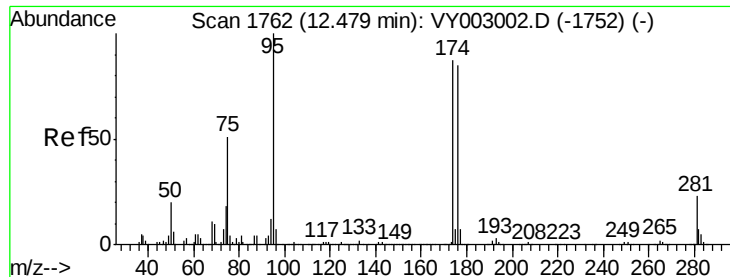
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.6	123.8
192	23.3	18.1	27.1



#50
 Toluene-d8
 Concen: 51.421 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: VY003023.D
 Acq: 29 Jun 2020 21:53

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.1	76.7

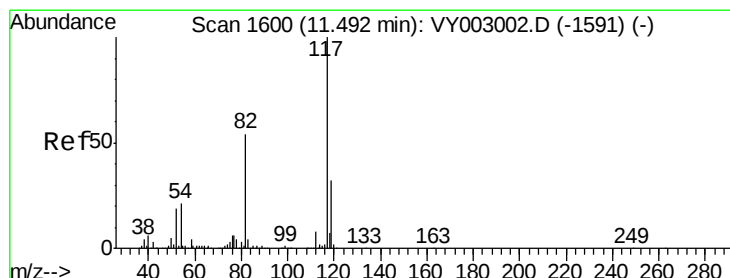
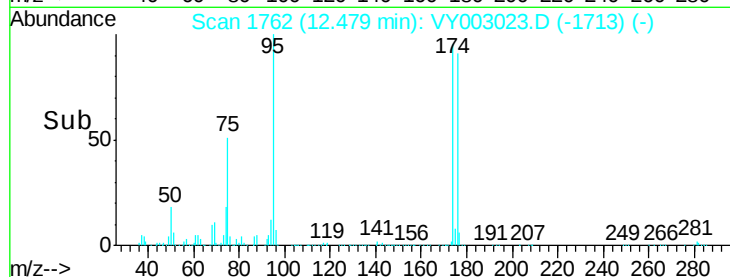
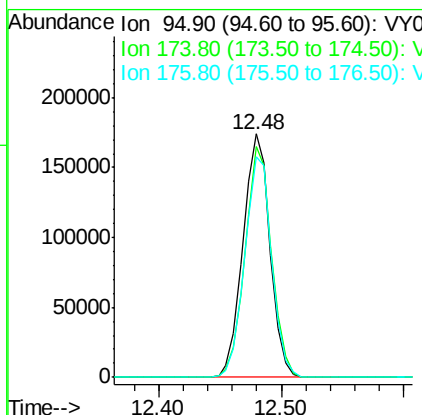
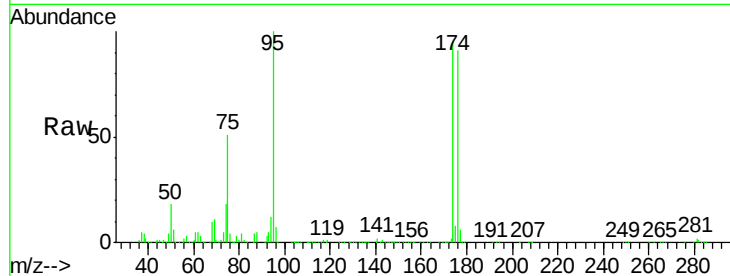




#62
4-Bromofluorobenzene
Concen: 51.223 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY003023.D
Acq: 29 Jun 2020 21:53

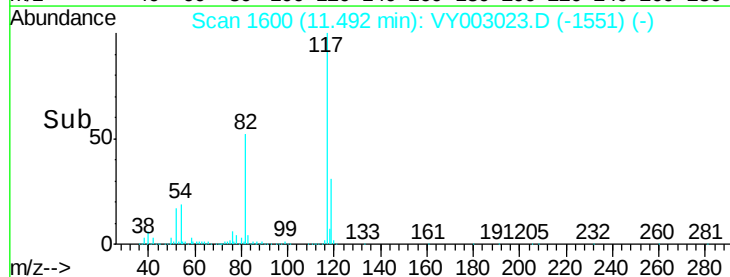
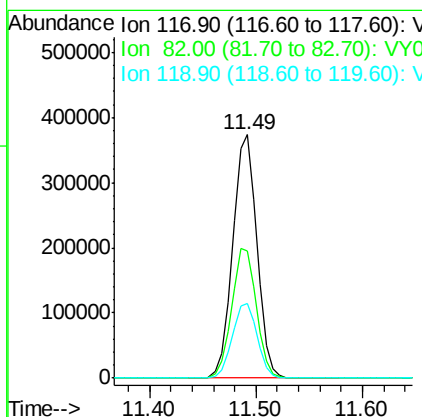
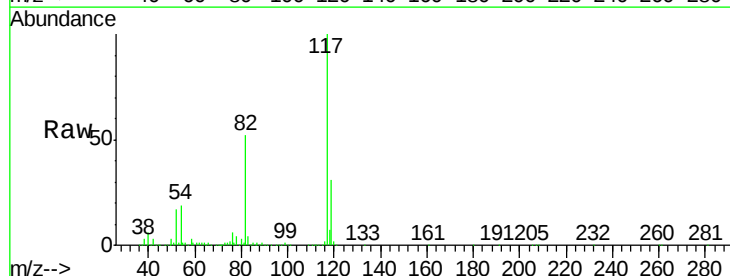
Instrument :
MSVOA_Y
ClientSampleId :
SP2-B

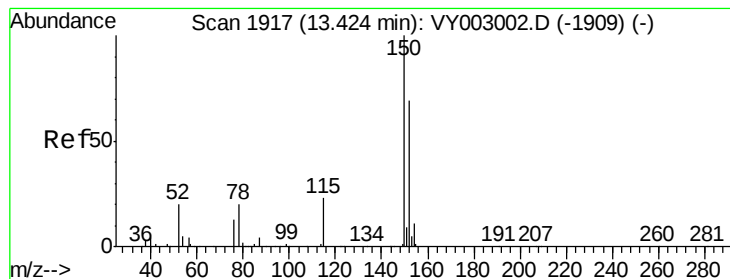
Tot Ion	Ratio	Lower	Upper
95	100		
174	93.3	0.0	184.8
176	91.1	0.0	183.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003023.D
Acq: 29 Jun 2020 21:53

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.3	43.0	64.6
119	30.6	25.8	38.8



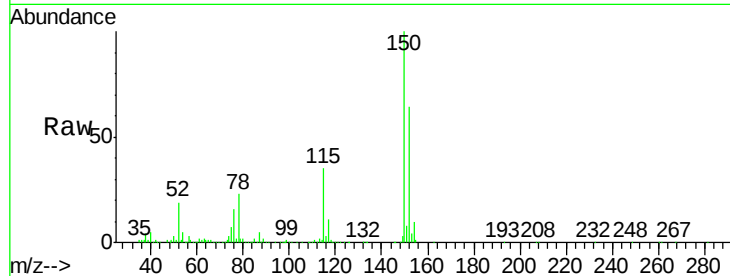


#72

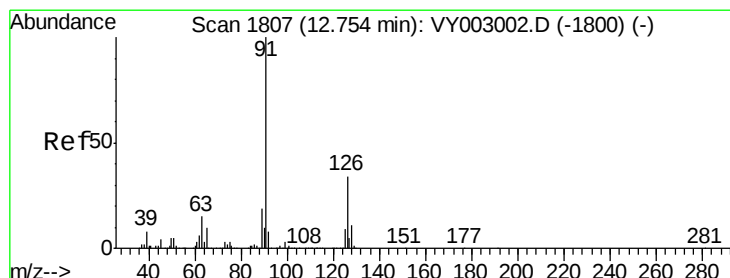
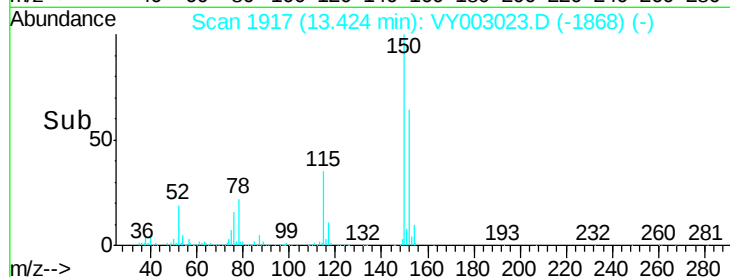
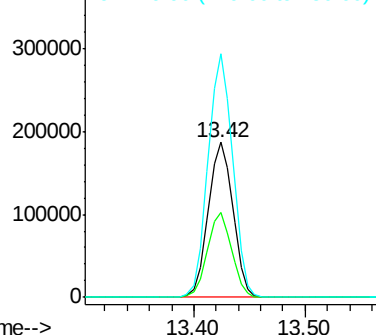
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003023.D
Acq: 29 Jun 2020 21:53

Instrument :
MSVOA_Y
ClientSampleId :
SP2-B

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.9	27.3	81.9
150	156.7	0.0	343.4



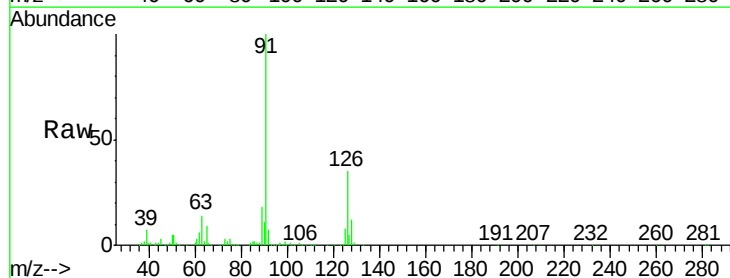
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



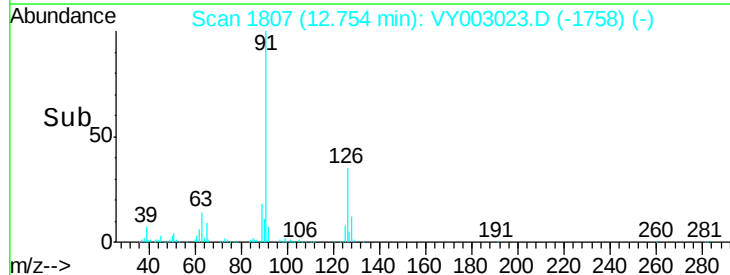
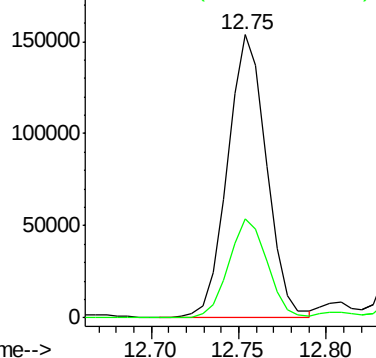
#79

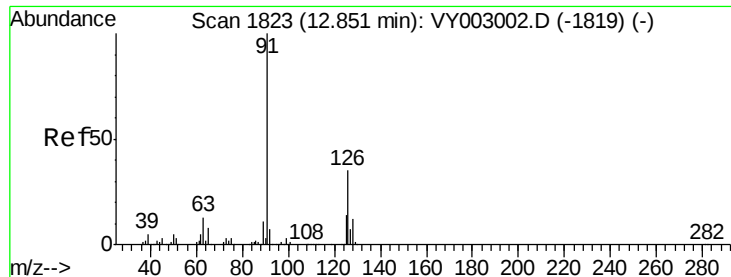
2-Chlorotoluene
Concen: 18.728 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VY003023.D
Acq: 29 Jun 2020 21:53

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.0	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: 19.411 ug/l
 RT: 12.85 min Scan# 1823
 Delta R.T. 0.00 min
 Lab File: VY003023.D
 Acq: 29 Jun 2020 21:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP2-B

Tot Ion: 91 Resp: 254823
 Ion Ratio Lower Upper
 91 100
 126 35.3 17.4 52.3

