

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070120\
 Data File : VY003072.D
 Acq On : 01 Jul 2020 20:34
 Operator : SY/MD
 Sample : L3172-29
 Misc : 5.02G/5ML/MSVOA Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP12-SS

Quant Time: Jul 02 04:13:52 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

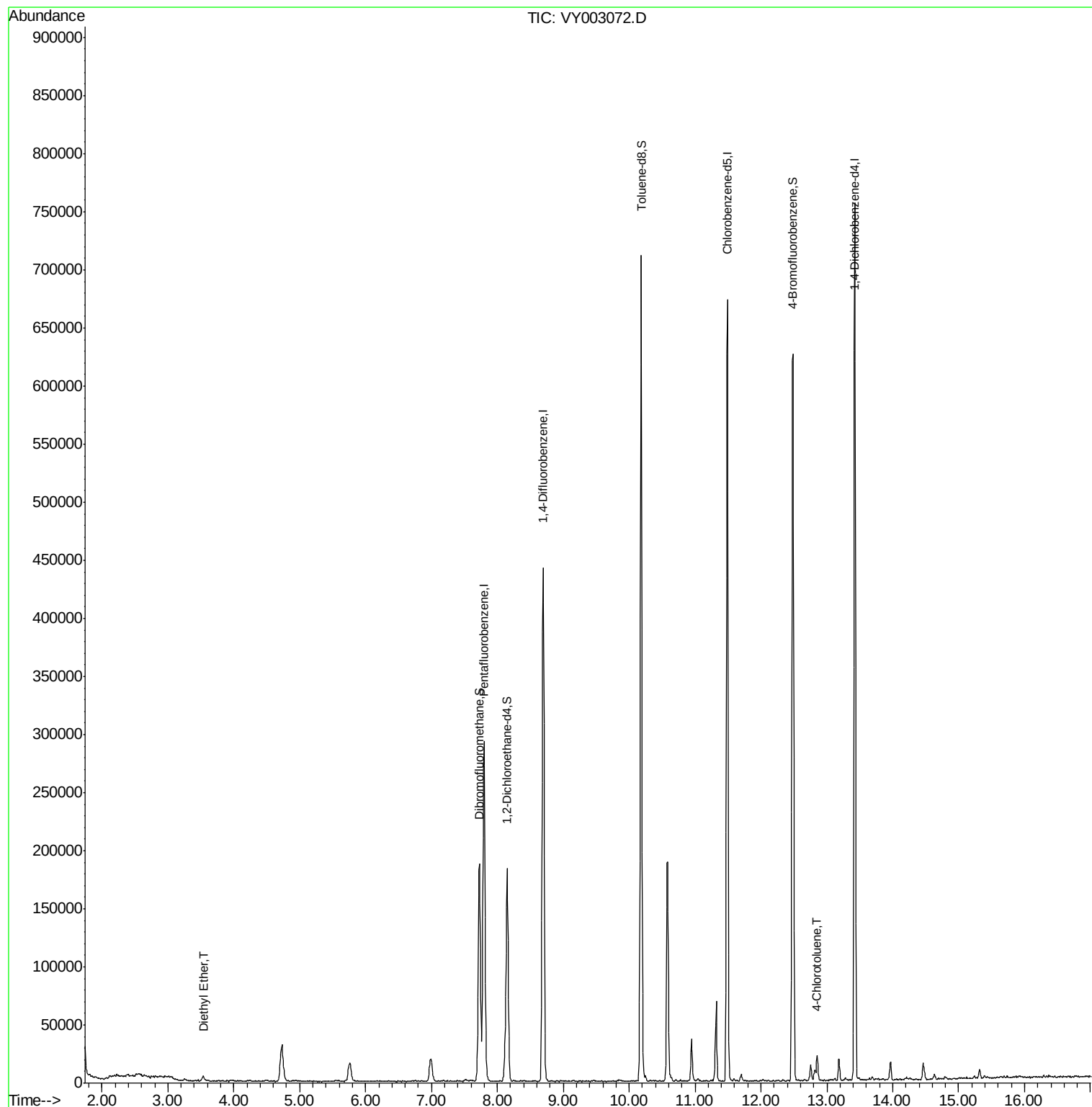
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	242970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	382620	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	366630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	192371	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	136463	56.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.10%	
35) Dibromofluoromethane	7.73	113	129525	54.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.54%	
50) Toluene-d8	10.18	98	464664	52.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.52%	
62) 4-Bromofluorobenzene	12.48	95	165846	52.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.98%	
Target Compounds						
8) Diethyl Ether	3.54	74	2385	1.875	ug/l	62
82) 4-Chlorotoluene	12.85	91	11117	1.263	ug/l	100

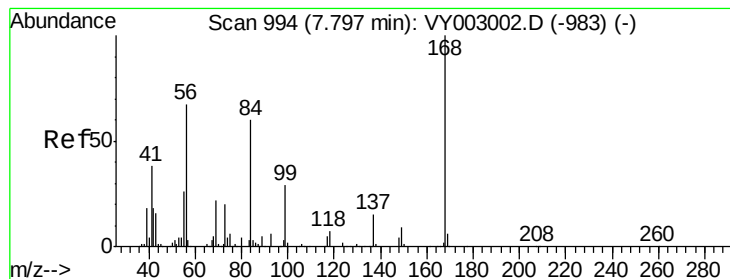
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003072.D

Acq: 01 Jul 2020 20:34

Instrument :

MSVOA_Y

ClientSampleId :

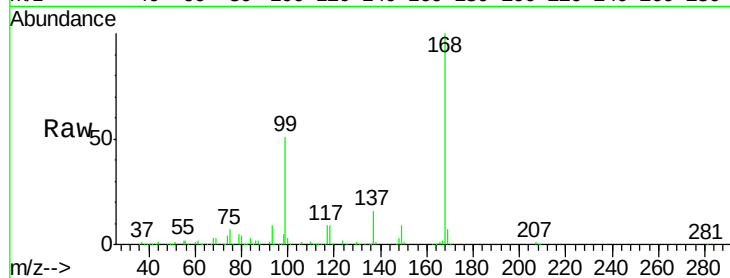
TP12-SS

Tot Ion:168 Resp: 242970

Ion Ratio Lower Upper

168 100

99 51.3 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003072.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003072.D (-945) (-)

7.80

100000

80000

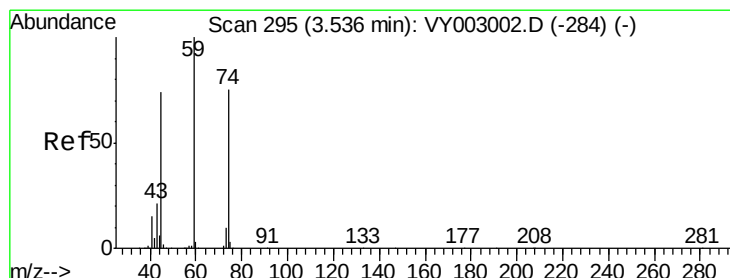
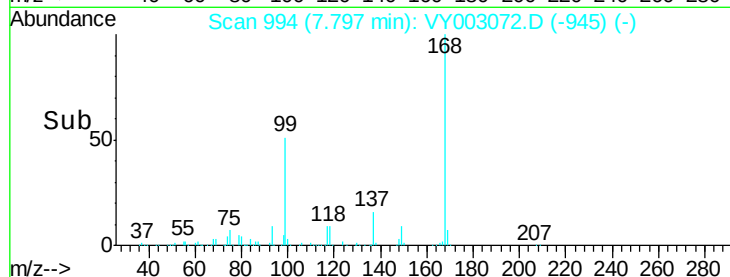
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 1.875 ug/l

RT: 3.54 min Scan# 295

Delta R.T. -0.00 min

Lab File: VY003072.D

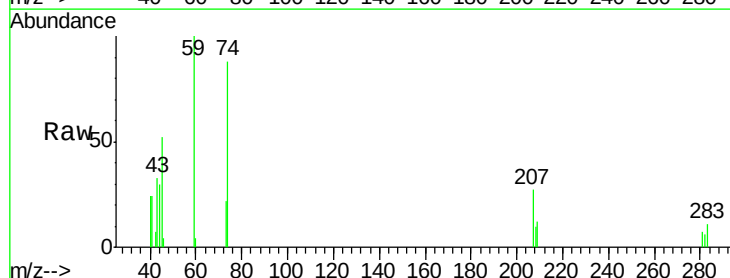
Acq: 01 Jul 2020 20:34

Tgt Ion: 74 Resp: 2385

Ion Ratio Lower Upper

74 100

45 60.9 49.3 147.9



Abundance Ion 74.00 (73.70 to 74.70): VY003072.D (-246) (-)

Ion 45.00 (44.70 to 45.70): VY003072.D (-246) (-)

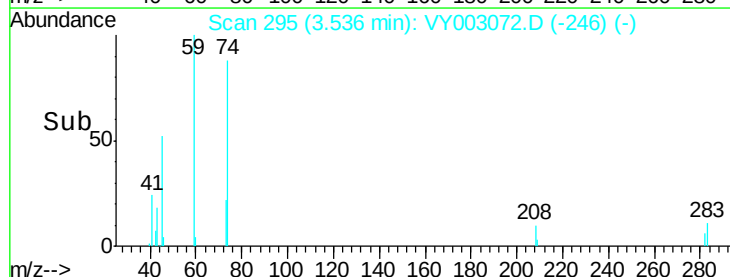
3.54

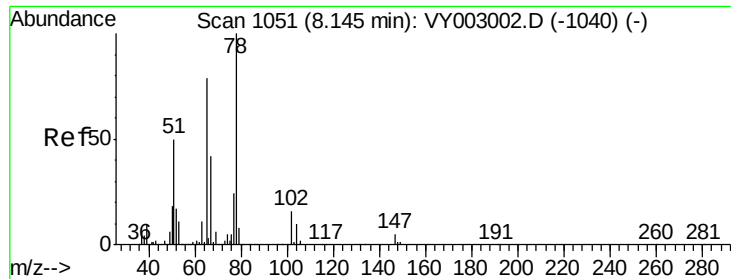
1000

500

0

Time-->

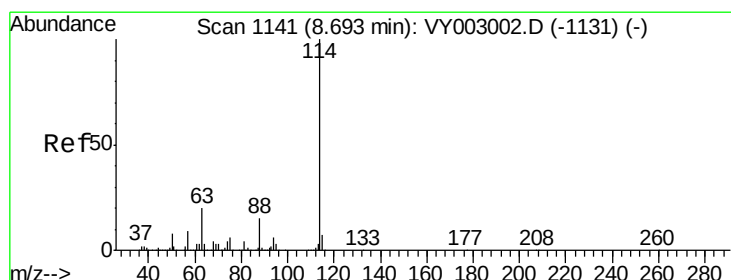
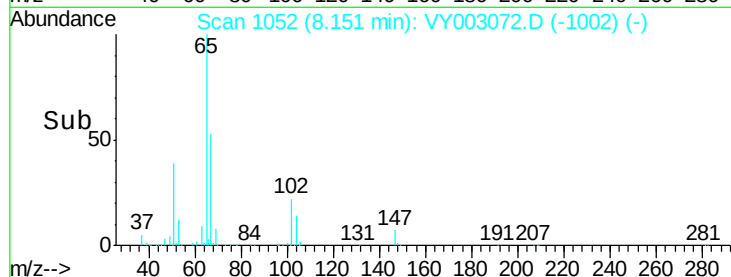
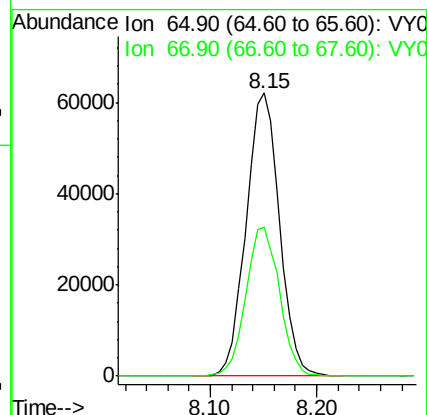
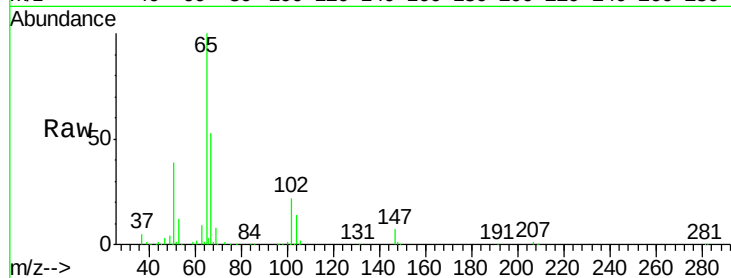




#33
 1,2-Dichloroethane-d4
 Concen: 56.549 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003072.D
 Acq: 01 Jul 2020 20:34

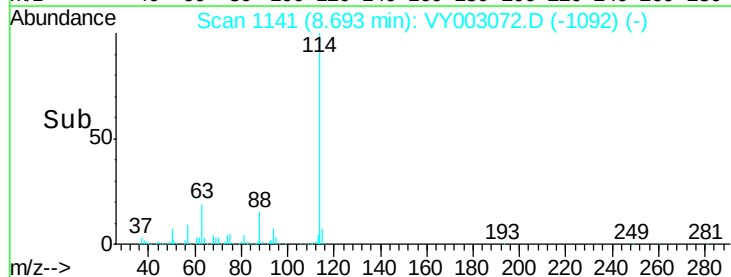
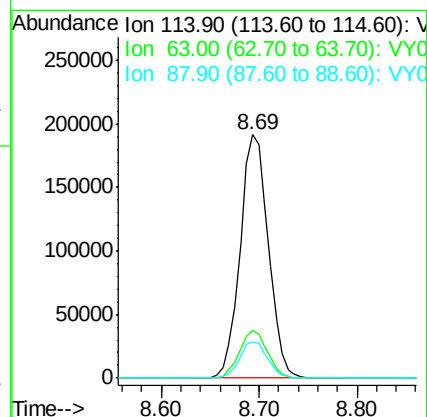
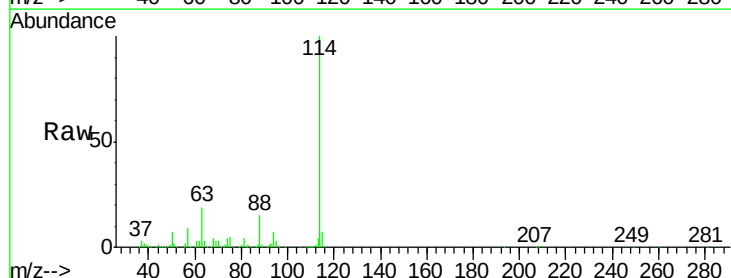
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP12-SS

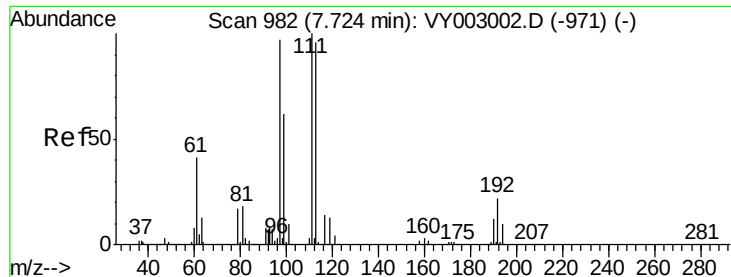
Tot Ion: 65 Resp: 136463
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003072.D
 Acq: 01 Jul 2020 20:34

Tgt Ion: 114 Resp: 382620
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.6
 88 15.0 0.0 30.0

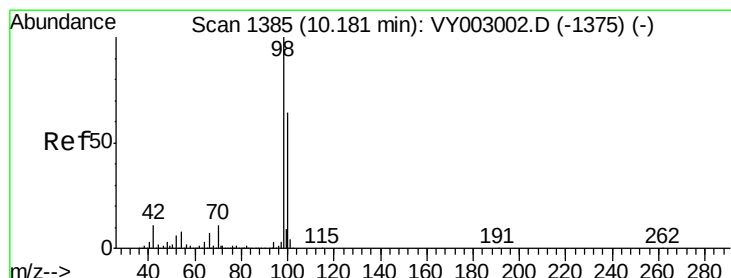
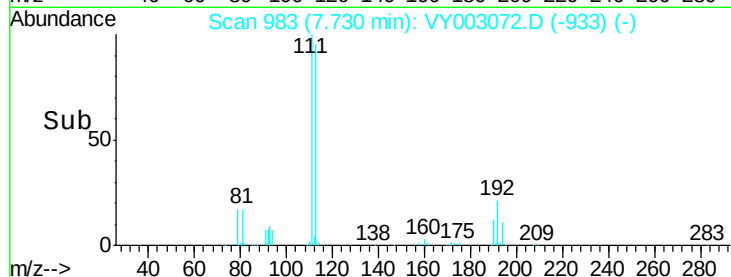
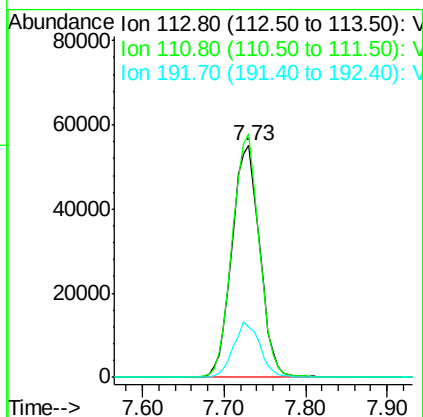
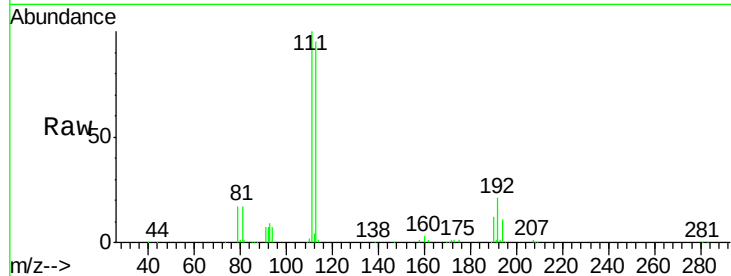




#35
Dibromofluoromethane
Concen: 54.266 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.01 min
Lab File: VY003072.D
Acq: 01 Jul 2020 20:34

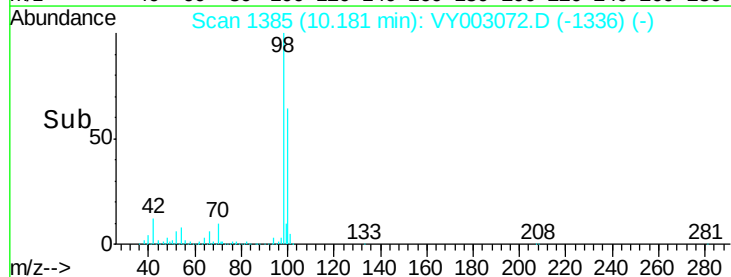
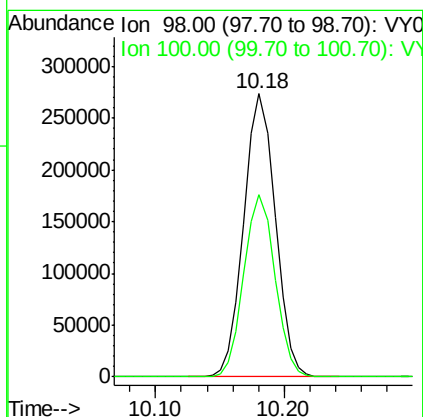
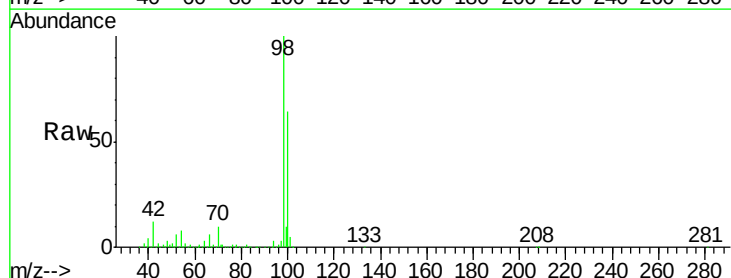
Instrument :
MSVOA_Y
ClientSampleId :
TP12-SS

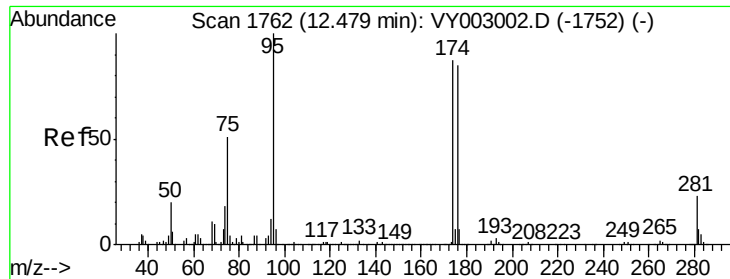
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.6	123.8
192	22.7	18.1	27.1



#50
Toluene-d8
Concen: 52.256 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003072.D
Acq: 01 Jul 2020 20:34

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.1	76.7

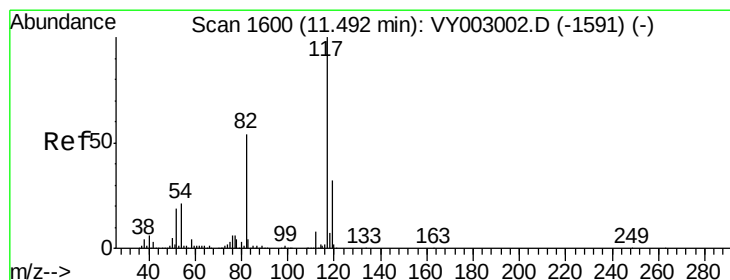
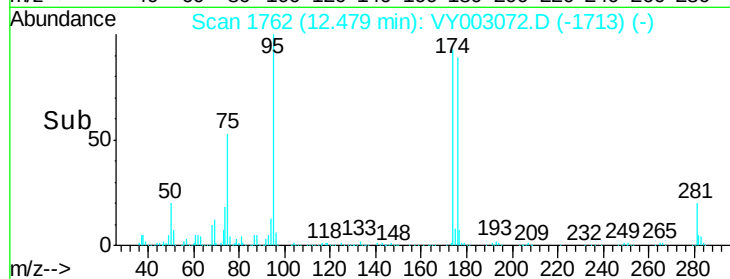
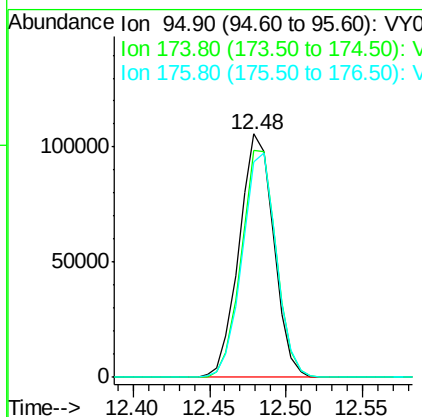
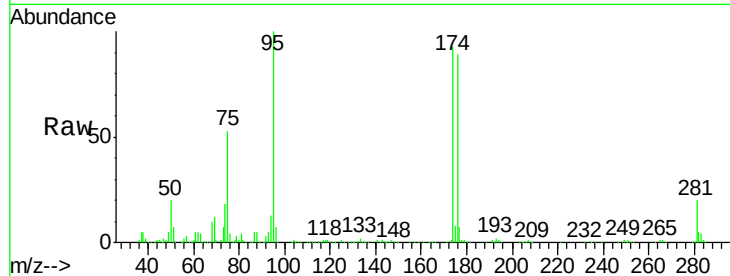




#62
4-Bromofluorobenzene
Concen: 52.986 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY003072.D
Acq: 01 Jul 2020 20:34

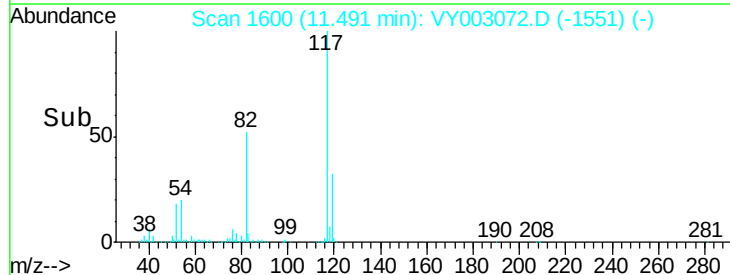
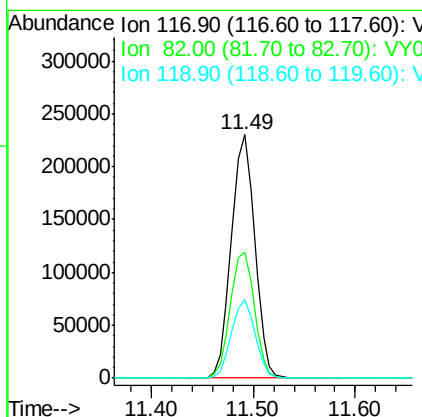
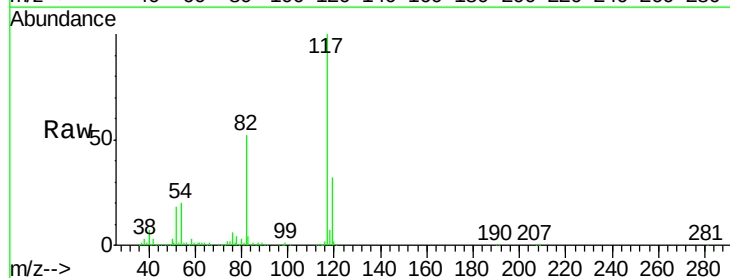
Instrument :
MSVOA_Y
ClientSampled :
TP12-SS

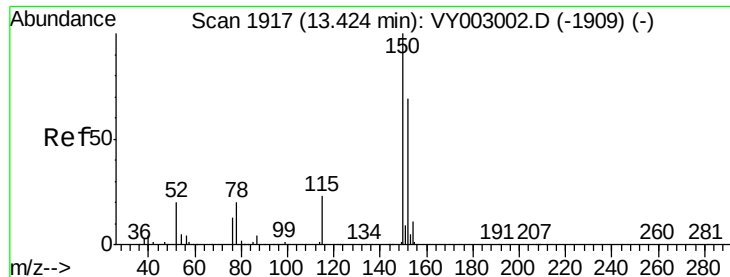
Tot Ion: 95 Resp: 165846
Ion Ratio Lower Upper
95 100
174 93.7 0.0 184.8
176 91.2 0.0 183.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003072.D
Acq: 01 Jul 2020 20:34

Tgt Ion: 117 Resp: 366630
Ion Ratio Lower Upper
117 100
82 51.8 43.0 64.6
119 32.1 25.8 38.8



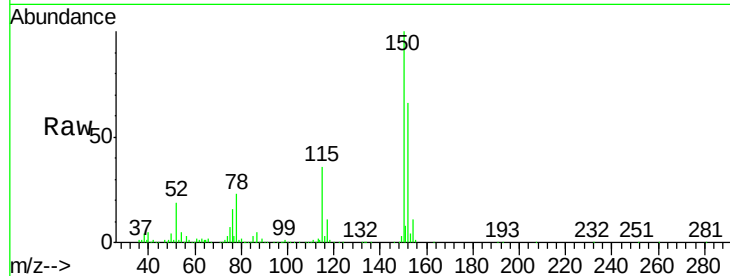


#72

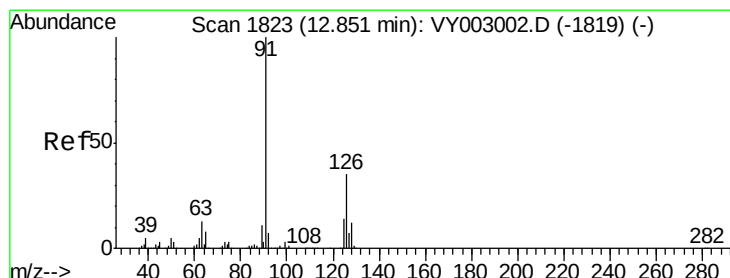
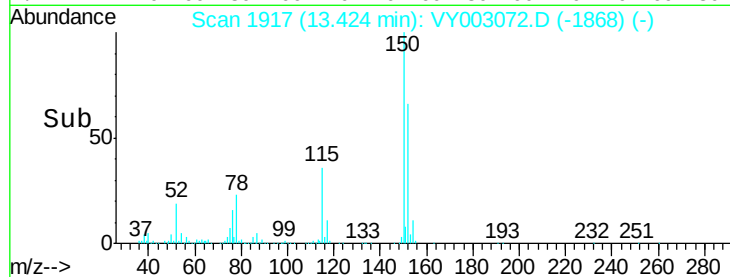
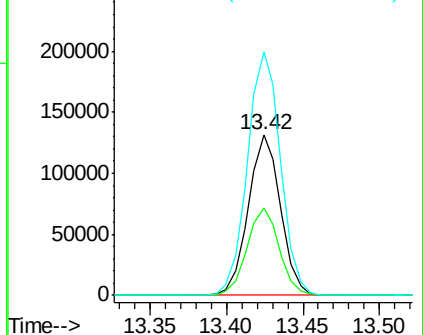
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003072.D
Acq: 01 Jul 2020 20:34

Instrument :
MSVOA_Y
ClientSampleId :
TP12-SS

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.6	27.3	81.9
150	155.5	0.0	343.4



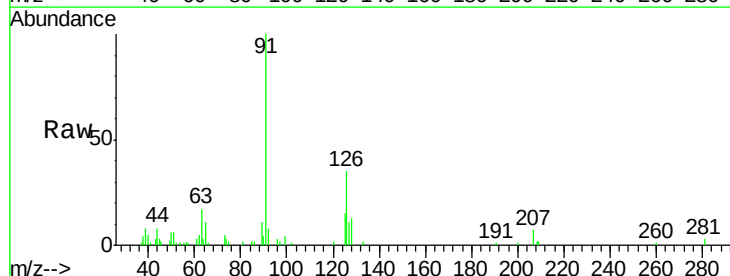
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#82

4-Chlorotoluene
Concen: 1.263 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VY003072.D
Acq: 01 Jul 2020 20:34

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.7	17.4	52.3



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

