

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071620\
 Data File : VY003223.D
 Acq On : 16 Jul 2020 20:31
 Operator : SY/MD
 Sample : L3308-16
 Misc : 5.03G/5ML/MSVOA Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 16

Quant Time: Jul 17 06:30:45 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

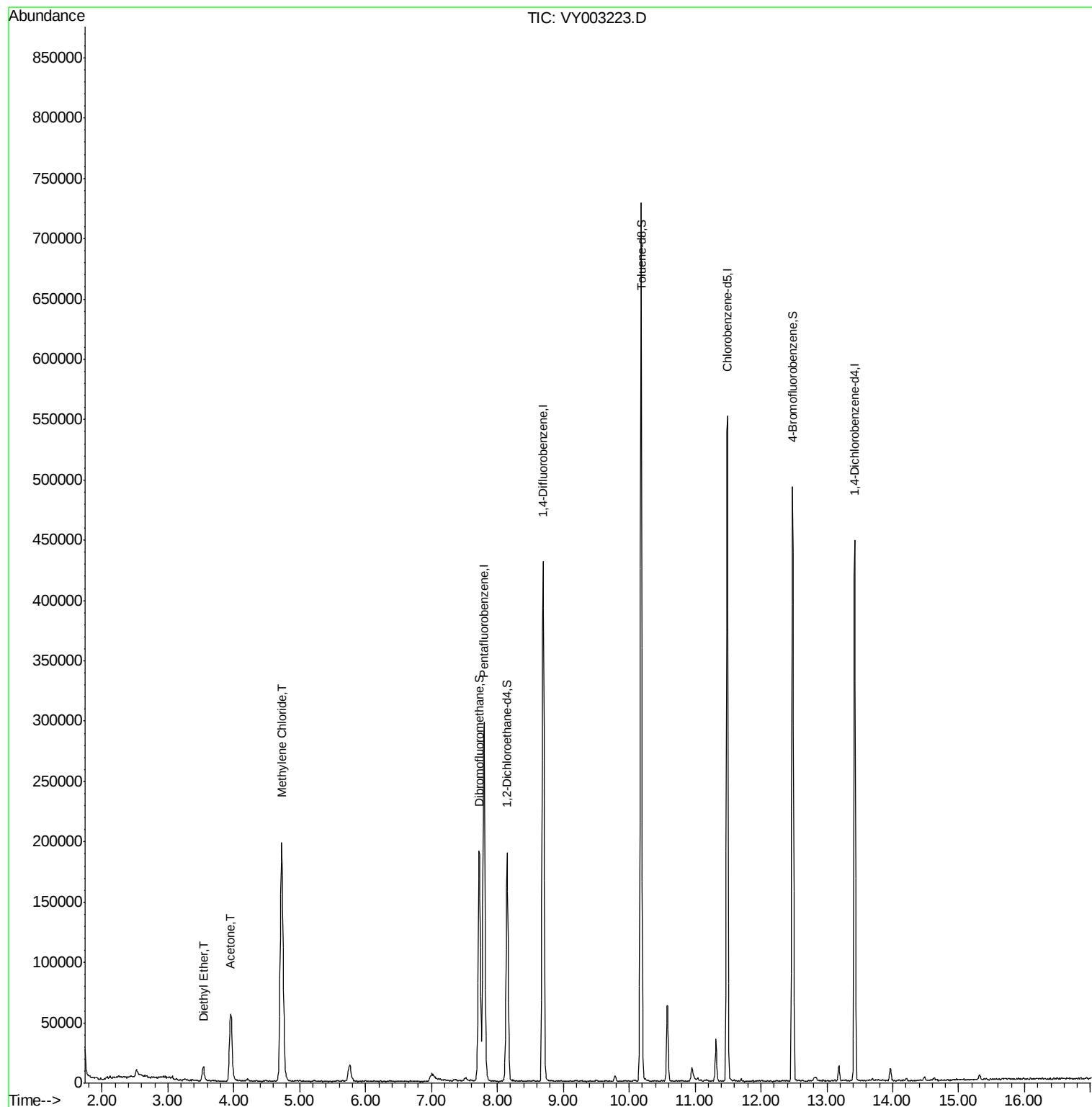
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	238641	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	365312	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	299216	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	114683	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	149313	74.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	148.26%	
35) Dibromofluoromethane	7.72	113	132546	63.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.10%	
50) Toluene-d8	10.18	98	462380	59.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.32%	
62) 4-Bromofluorobenzene	12.48	95	128485	45.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.00%	
Target Compounds						
8) Diethyl Ether	3.54	74	7061	6.062	ug/l	98
16) Acetone	3.95	43	100930	224.331	ug/l	94
20) Methylene Chloride	4.72	84	148697	67.625	ug/l	96

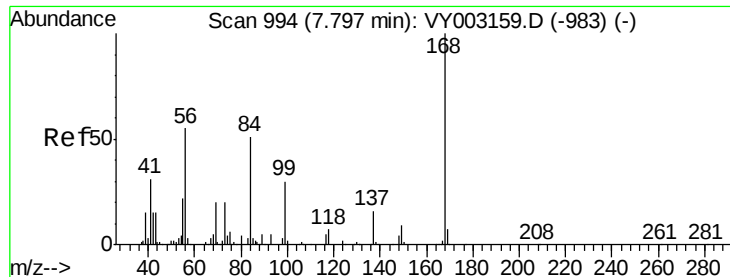
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY071620\
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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: VY003223.D

Acq: 16 Jul 2020 20:31

Instrument :

MSVOA_Y

ClientSampleId :

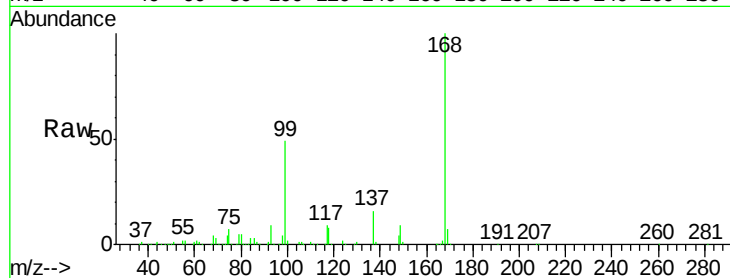
16

Tot Ion:168 Resp: 238641

Ion Ratio Lower Upper

168 100

99 49.0 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003159.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003159.D (-983) (-)

7.80

120000

100000

80000

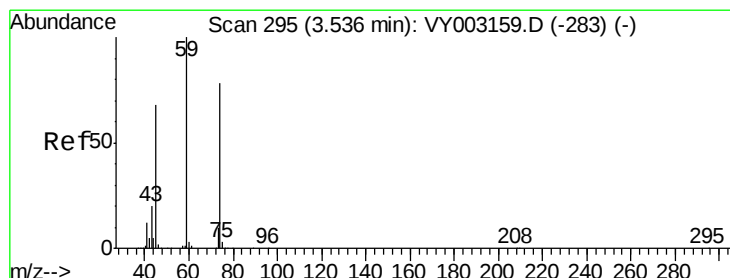
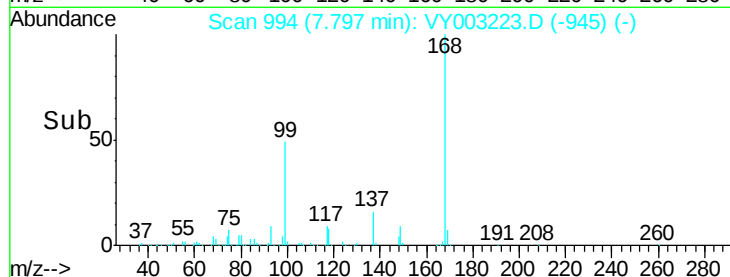
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 6.062 ug/l

RT: 3.54 min Scan# 296

Delta R.T. 0.01 min

Lab File: VY003223.D

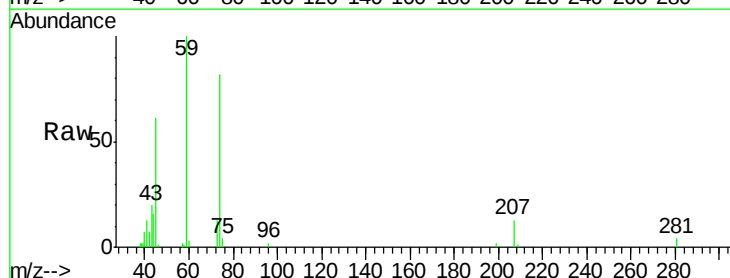
Acq: 16 Jul 2020 20:31

Tgt Ion: 74 Resp: 7061

Ion Ratio Lower Upper

74 100

45 89.1 45.3 135.8



Abundance Ion 74.00 (73.70 to 74.70): VY003159.D (-283) (-)

Ion 45.00 (44.70 to 45.70): VY003159.D (-283) (-)

3.54

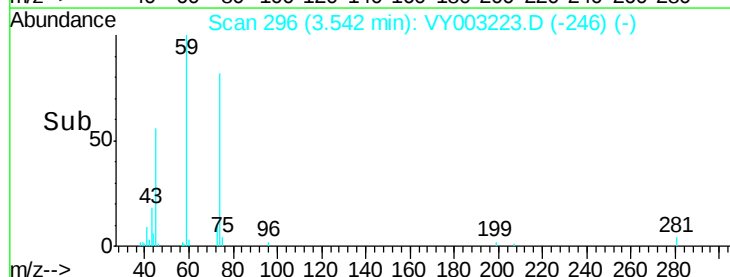
3000

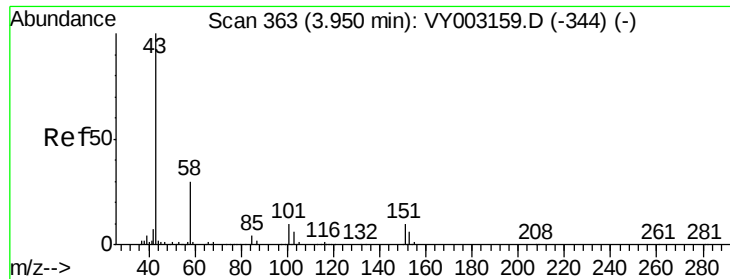
2000

1000

0

Time-->

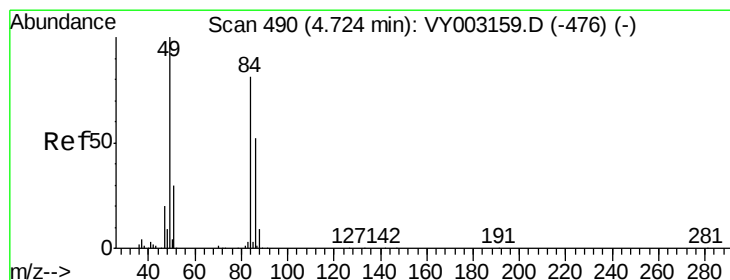
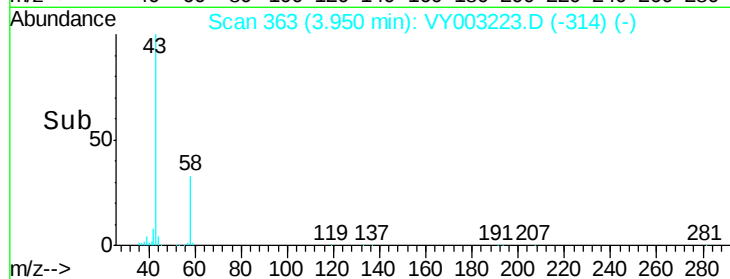
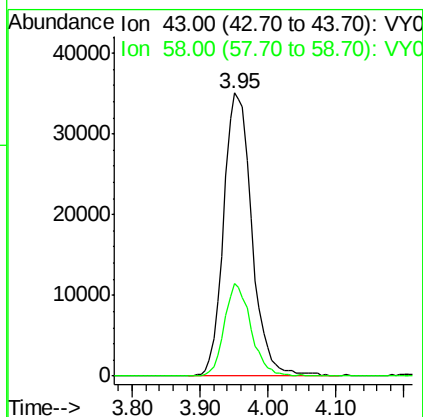
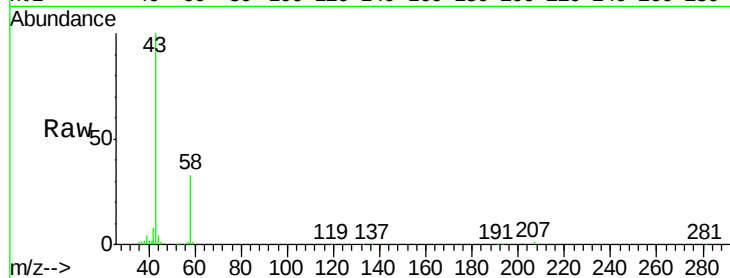




#16
Acetone
Concen: 224.331 ug/l
RT: 3.95 min Scan# 363
Delta R.T. 0.00 min
Lab File: VY003223.D
Acq: 16 Jul 2020 20:31

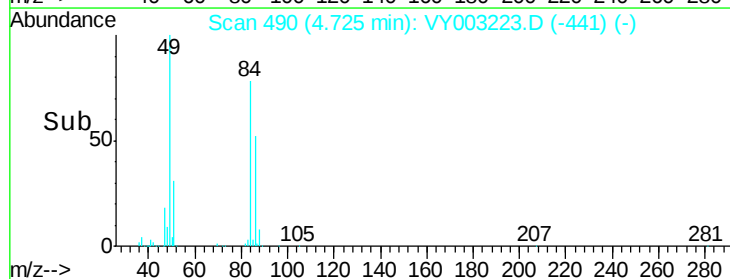
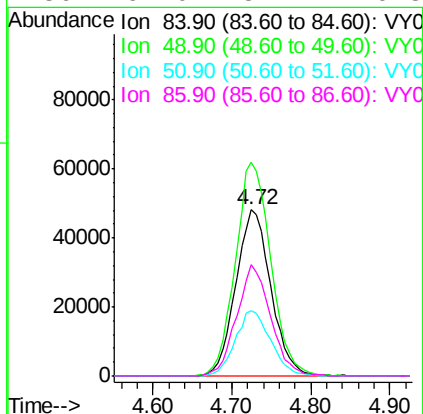
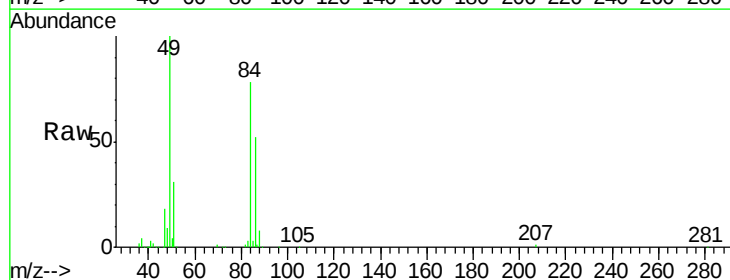
Instrument :
MSVOA_Y
ClientSampleId :
16

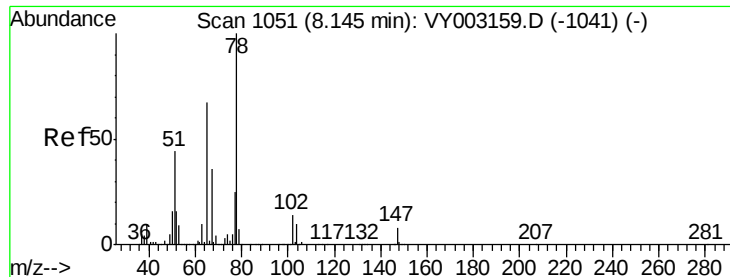
Tot Ion: 43 Resp: 100930
Ion Ratio Lower Upper
43 100
58 32.9 23.8 35.6



#20
Methylene Chloride
Concen: 67.625 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003223.D
Acq: 16 Jul 2020 20:31

Tgt Ion: 84 Resp: 148697
Ion Ratio Lower Upper
84 100
49 128.2 98.2 147.4
51 39.2 29.8 44.6
86 67.0 51.2 76.8

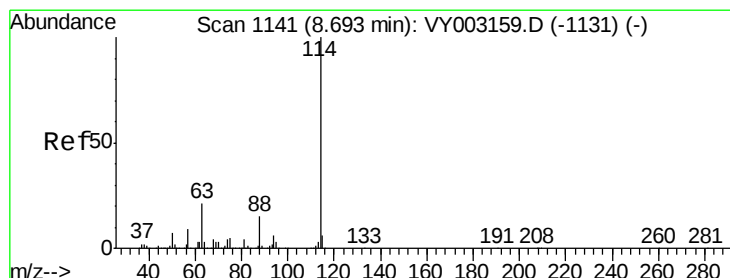
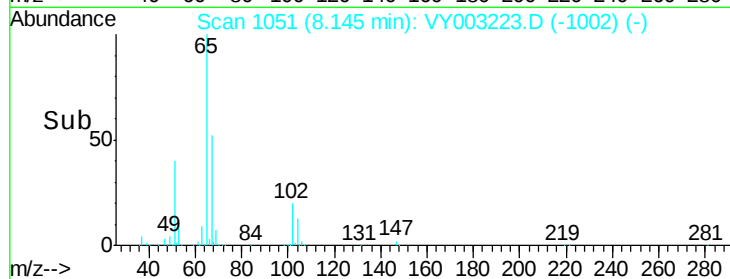
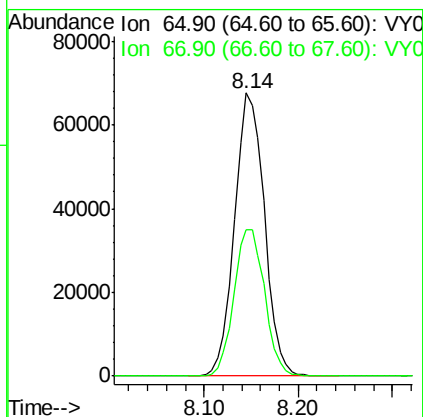
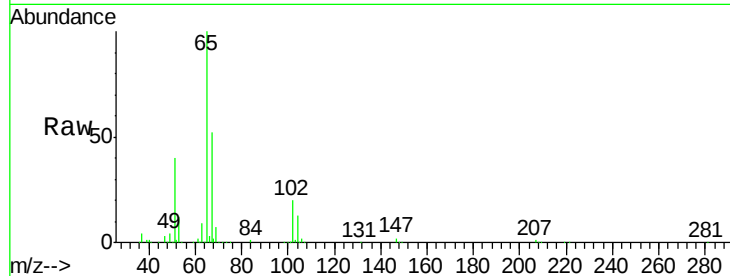




#33
 1,2-Dichloroethane-d4
 Concen: 74.130 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003223.D
 Acq: 16 Jul 2020 20:31

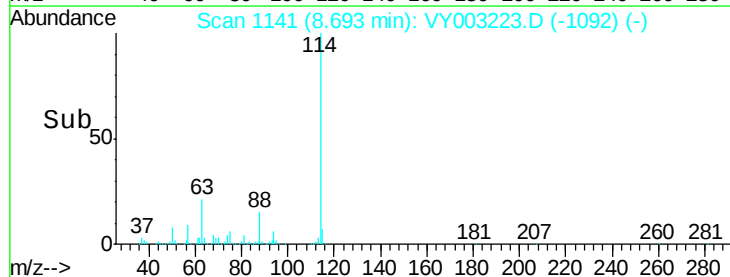
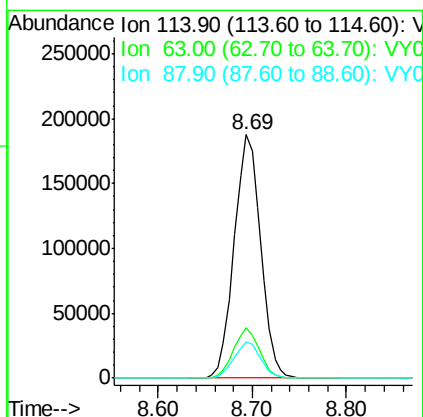
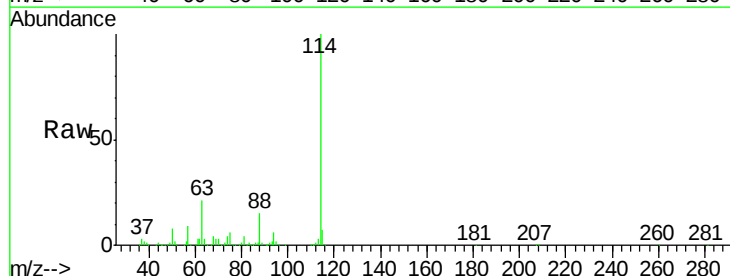
Instrument :
 MSVOA_Y
 ClientSampleId :
 16

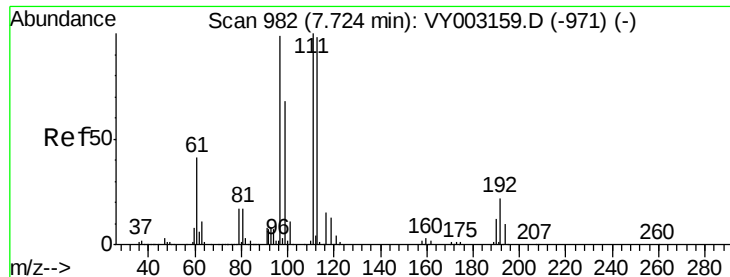
Tot Ion: 65 Resp: 149313
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003223.D
 Acq: 16 Jul 2020 20:31

Tgt Ion: 114 Resp: 365312
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 41.2
 88 15.0 0.0 30.2





#35

Dibromofluoromethane

Concen: 63.049 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003223.D

Acq: 16 Jul 2020 20:31

Instrument :

MSVOA_Y

ClientSampleId :

16

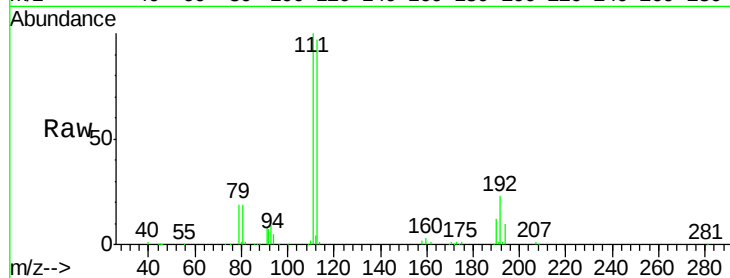
Tot Ion:113 Resp: 132546

Ion Ratio Lower Upper

113 100

111 103.4 82.1 123.1

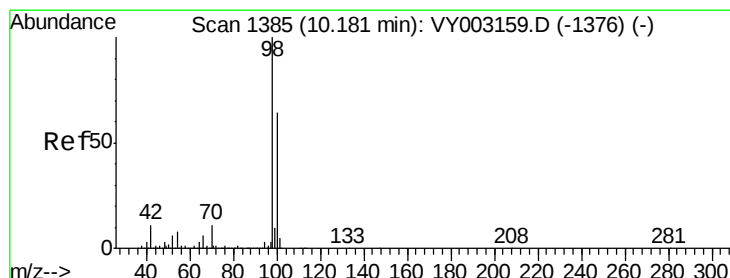
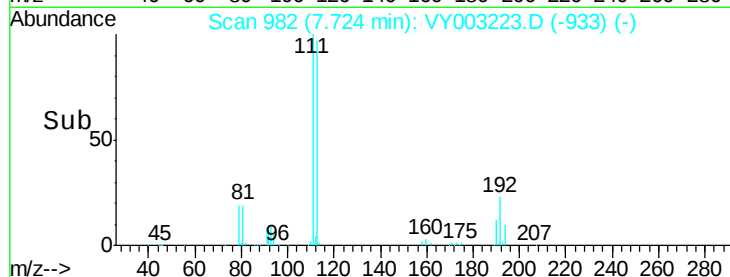
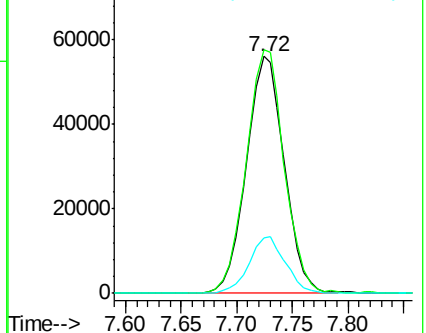
192 22.9 18.8 28.2



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: 59.159 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003223.D

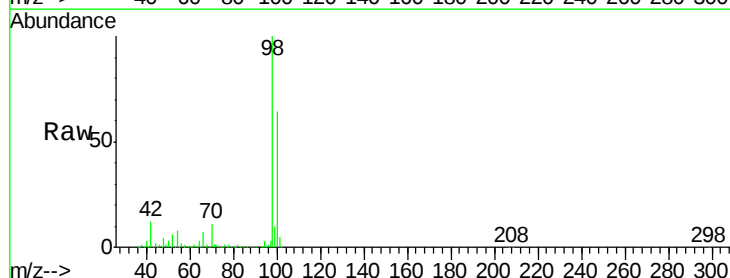
Acq: 16 Jul 2020 20:31

Tgt Ion: 98 Resp: 462380

Ion Ratio Lower Upper

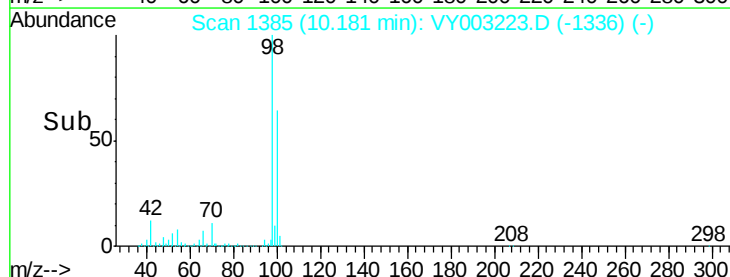
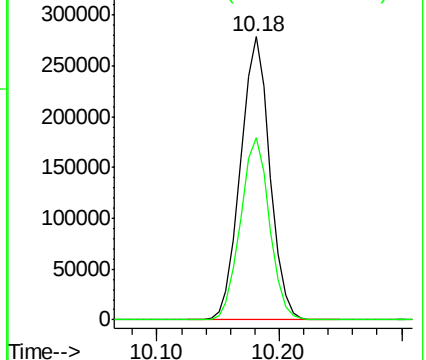
98 100

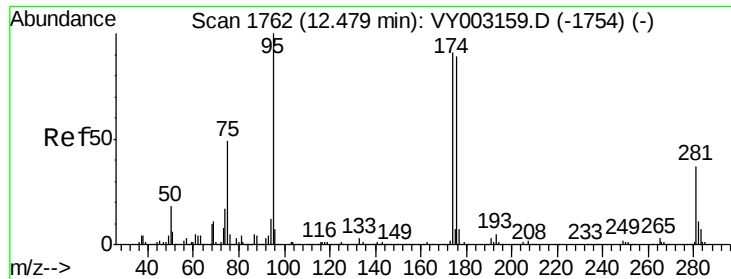
100 63.7 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

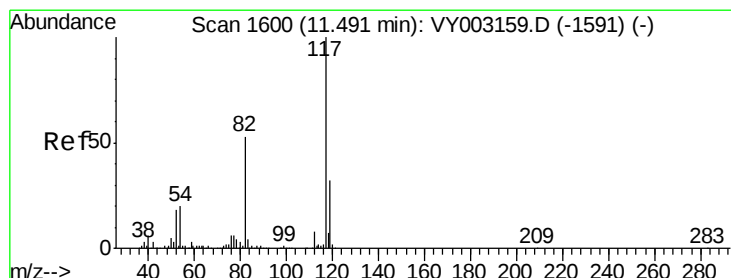
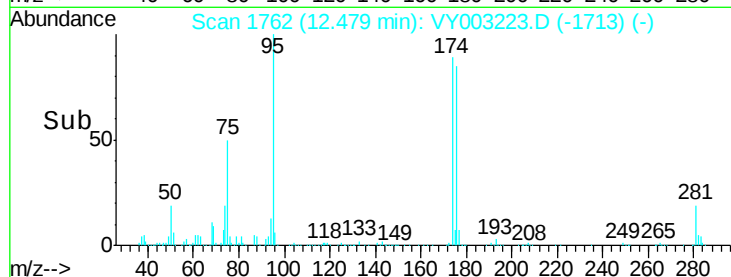
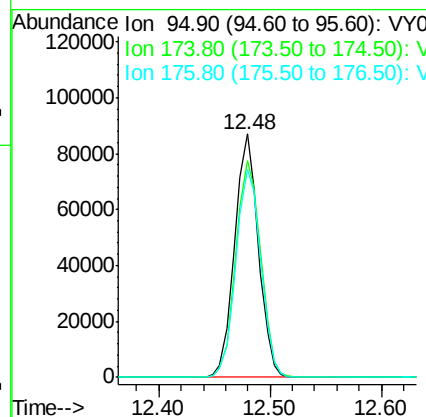
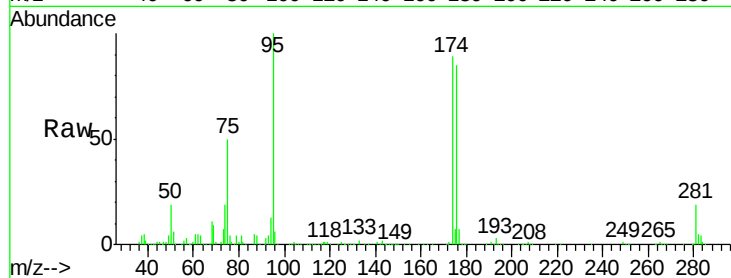




#62
4-Bromofluorobenzene
Concen: 45.504 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY003223.D
Acq: 16 Jul 2020 20:31

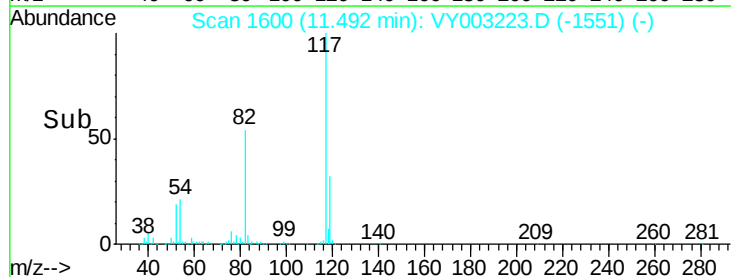
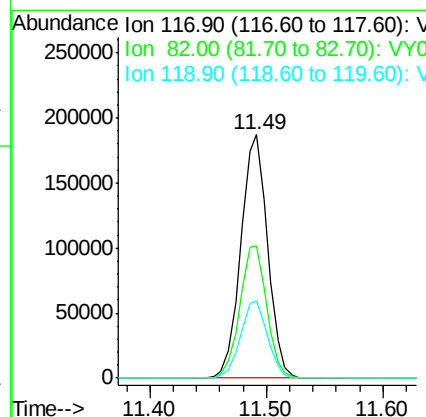
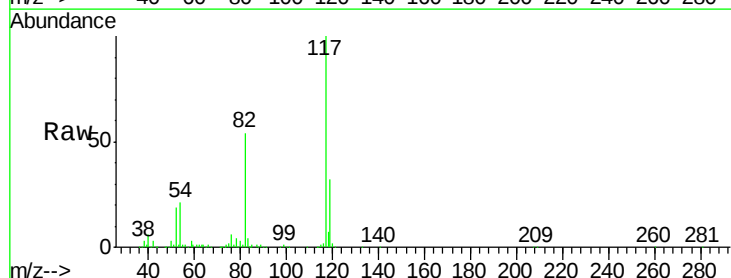
Instrument :
MSVOA_Y
ClientSampleId :
16

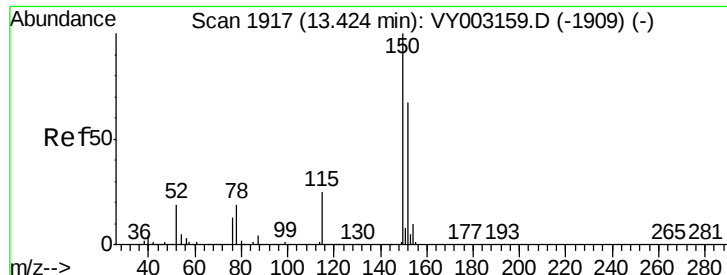
Tot Ion	Ratio	Lower	Upper
95	100		
174	93.7	0.0	190.6
176	89.7	0.0	186.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003223.D
Acq: 16 Jul 2020 20:31

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.3	42.0	63.0
119	31.9	25.5	38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY003223.D

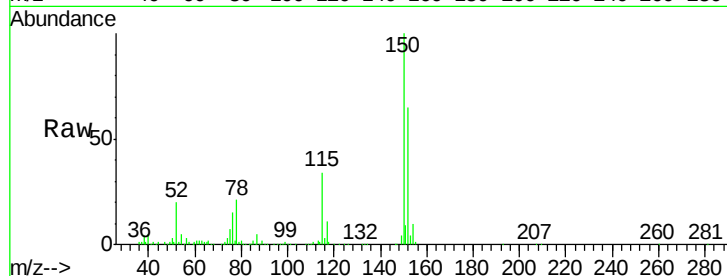
Acq: 16 Jul 2020 20:31

Instrument :

MSVOA_Y

ClientSampleId :

16



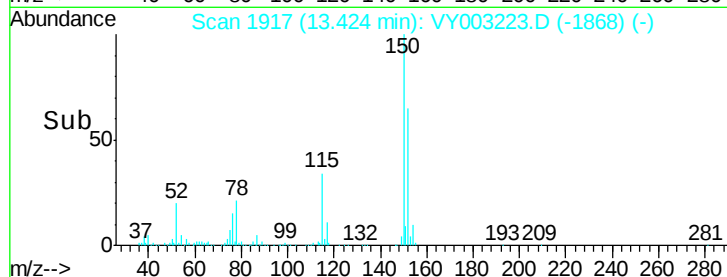
Tot Ion:152 Resp: 114683

Ion Ratio Lower Upper

152 100

115 53.7 26.9 80.7

150 157.5 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

150000

100000

50000

0

13.42

13.40

13.50

Time-->