

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY033120\
 Data File : VY002141.D
 Acq On : 31 Mar 2020 18:13
 Operator : SY/MD
 Sample : L2051-01
 Misc : 6.42G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1

Quant Time: Apr 01 06:23:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

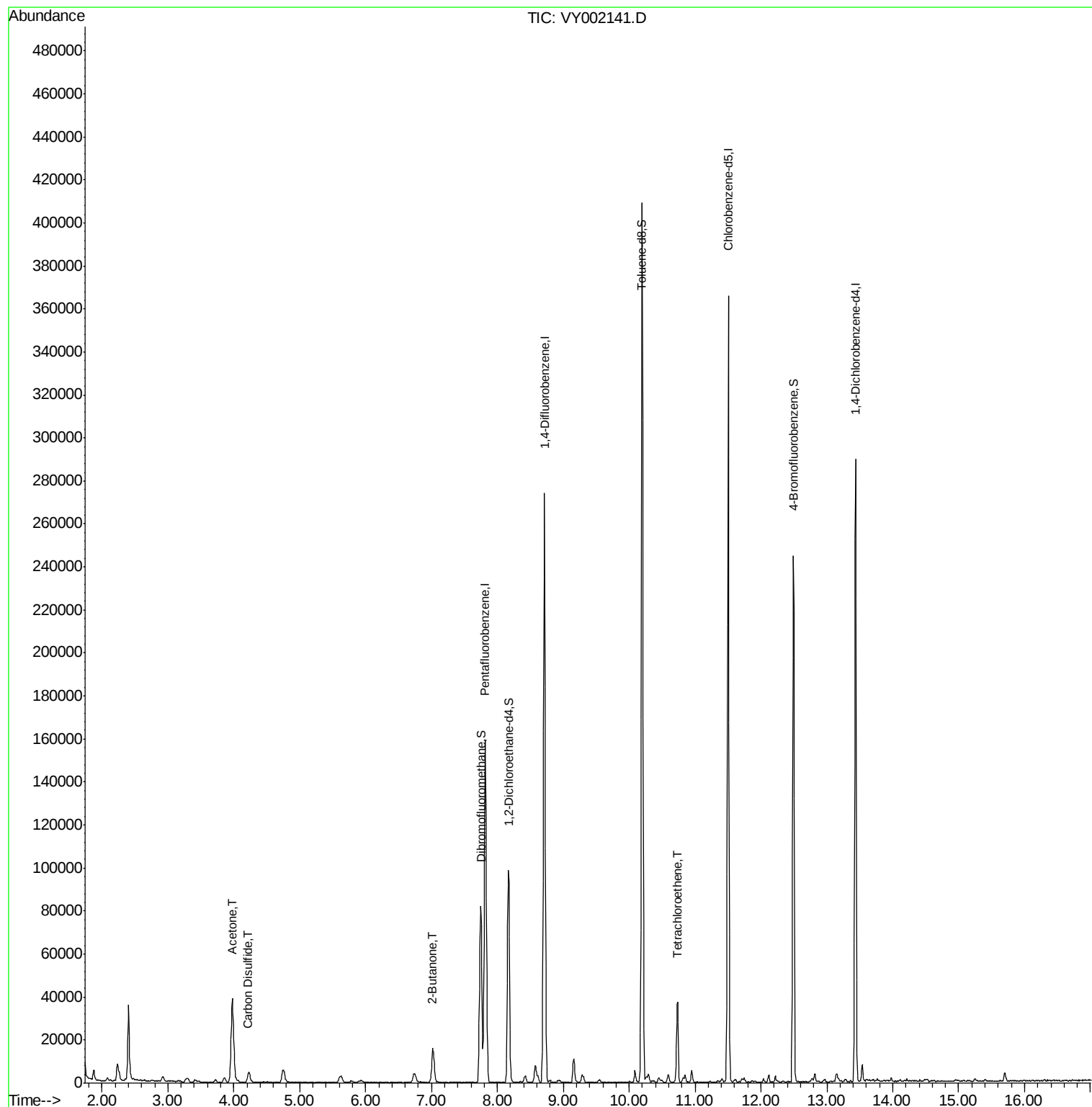
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	117850	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	228696	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	191351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	66733	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	73010	56.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.08%	
35) Dibromofluoromethane	7.75	113	57663	45.00	ug/l	0.01
Spiked Amount 50.000			Recovery	=	90.00%	
50) Toluene-d8	10.19	98	267636	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
62) 4-Bromofluorobenzene	12.49	95	76564	41.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.24%	
Target Compounds						
16) Acetone	3.97	43	70011	191.276	ug/l	99
17) Carbon Disulfide	4.22	76	8402	1.980	ug/l #	92
25) 2-Butanone	7.02	43	26152	46.532	ug/l	96
64) Tetrachloroethene	10.74	164	7776	6.642	ug/l	92

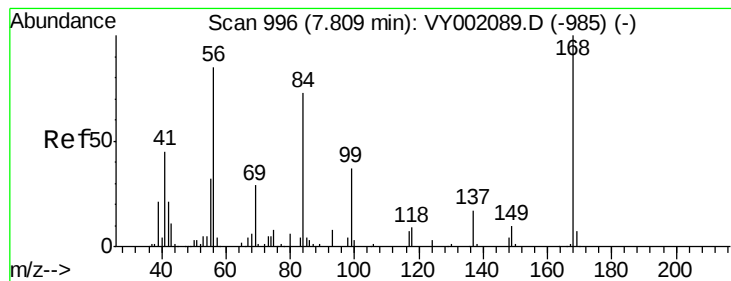
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY033120\
Data File : VY002141.D
Acq On : 31 Mar 2020 18:13
Operator : SY/MD
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Misc : 6.42G/5ML/MSVOA Y/SOIL
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MSVOA_Y
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SB-1

Quant Time: Apr 01 06:23:48 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 07:11:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY002141.D

Acq: 31 Mar 2020 18:13

Instrument :

MSVOA_Y

ClientSampleId :

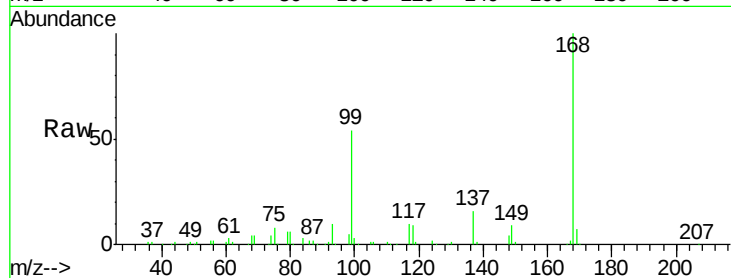
SB-1

Tot Ion:168 Resp: 117850

Ion Ratio Lower Upper

168 100

99 54.2 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002141.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002141.D (-947) (-)

7.82

60000

50000

40000

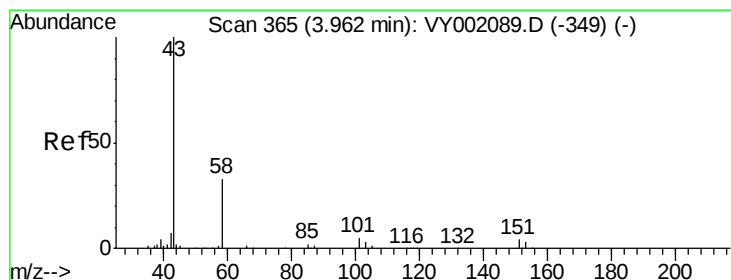
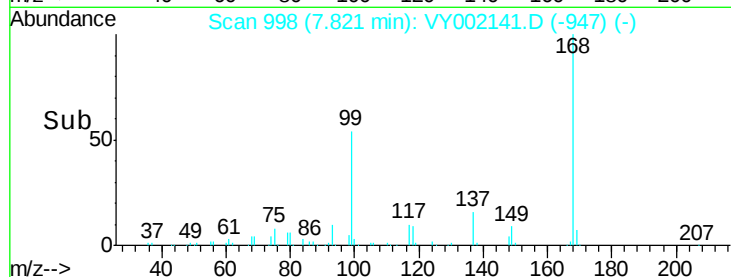
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 191.276 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002141.D

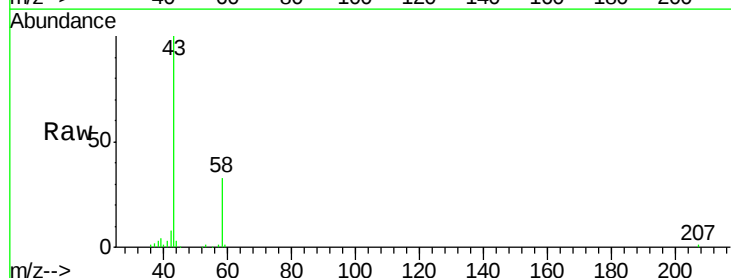
Acq: 31 Mar 2020 18:13

Tgt Ion: 43 Resp: 70011

Ion Ratio Lower Upper

43 100

58 33.2 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VY002141.D (-316) (-)

Ion 58.00 (57.70 to 58.70): VY002141.D (-316) (-)

3.97

25000

20000

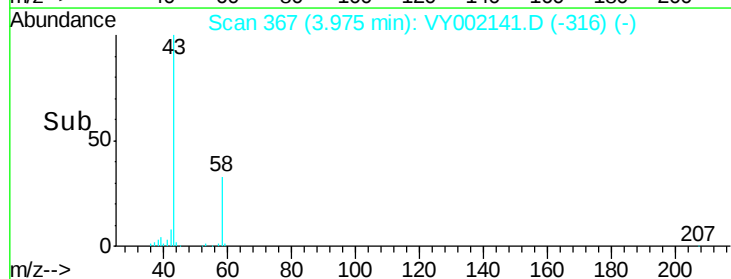
15000

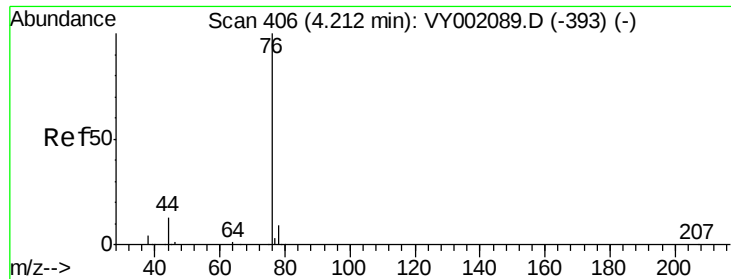
10000

5000

0

Time-->

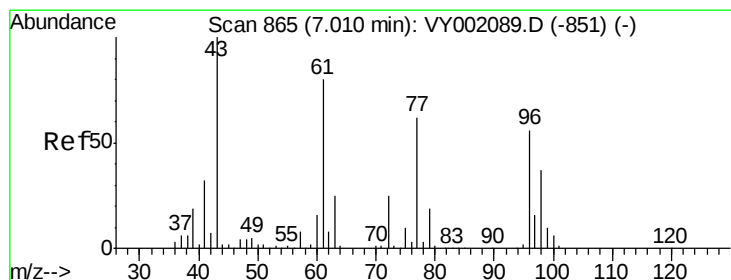
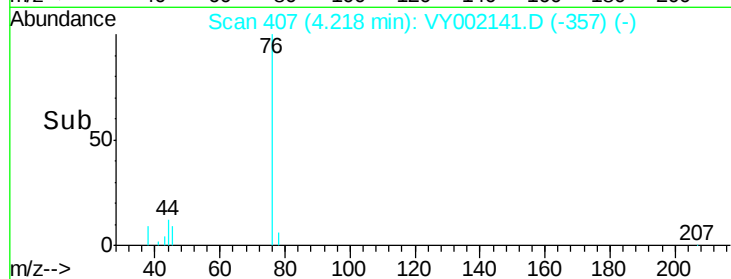
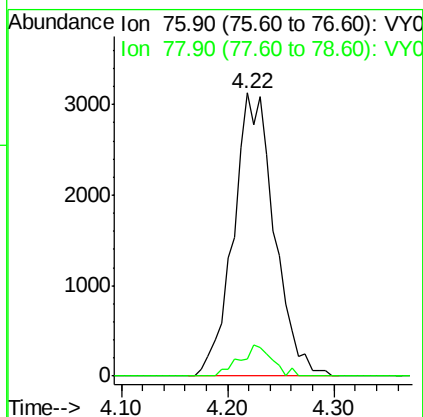
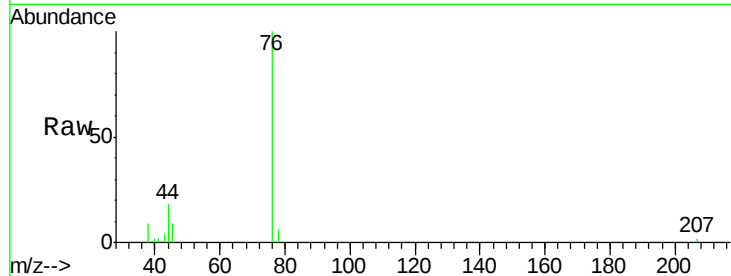




#17
Carbon Disulfide
Concen: 1.980 ug/l
RT: 4.22 min Scan# 407
Delta R.T. 0.01 min
Lab File: VY002141.D
Acq: 31 Mar 2020 18:13

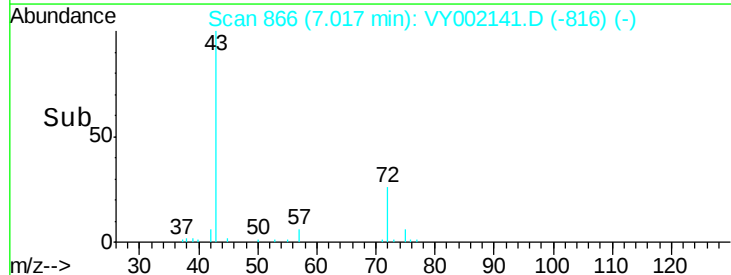
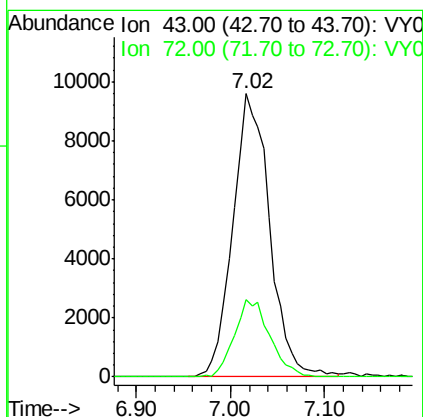
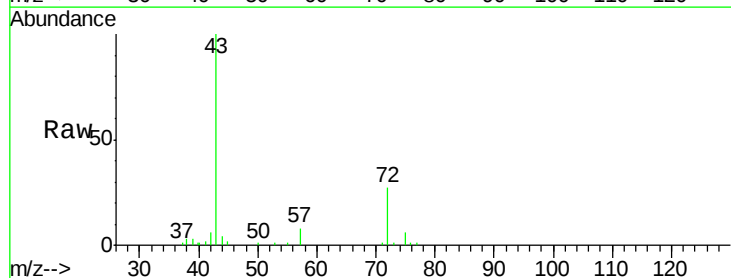
Instrument :
MSVOA_Y
ClientSampled :
SB-1

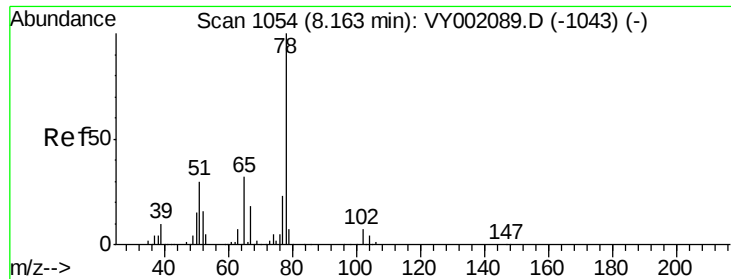
Tot Ion: 76 Resp: 8402
Ion Ratio Lower Upper
76 100
78 6.3 7.3 10.9#



#25
2-Butanone
Concen: 46.532 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.01 min
Lab File: VY002141.D
Acq: 31 Mar 2020 18:13

Tgt Ion: 43 Resp: 26152
Ion Ratio Lower Upper
43 100
72 27.1 20.2 30.2

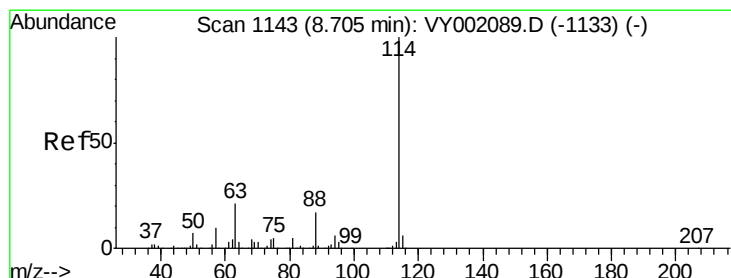
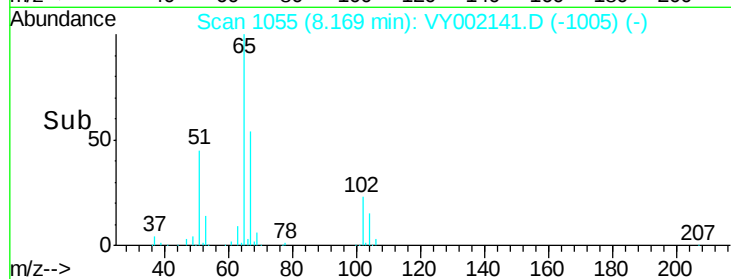
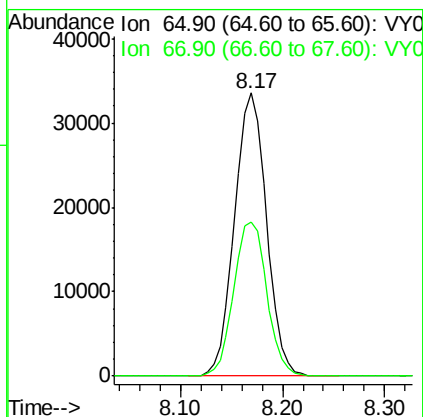
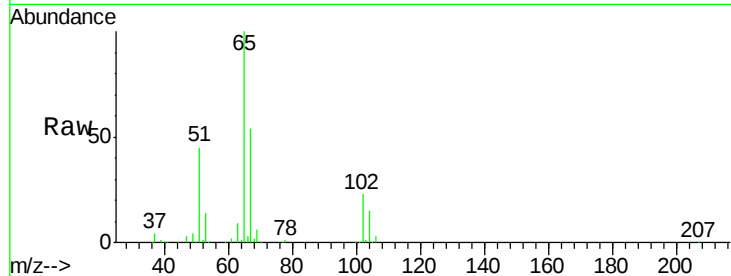




#33
 1,2-Dichloroethane-d4
 Concen: 56.041 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.01 min
 Lab File: VY002141.D
 Acq: 31 Mar 2020 18:13

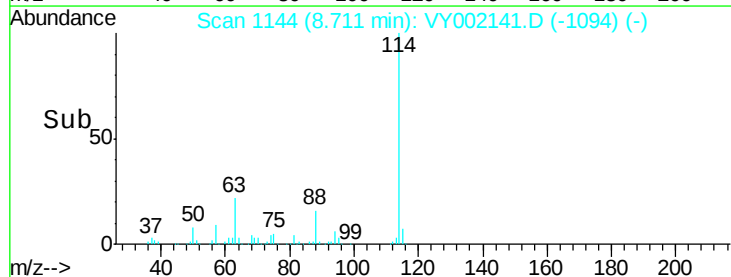
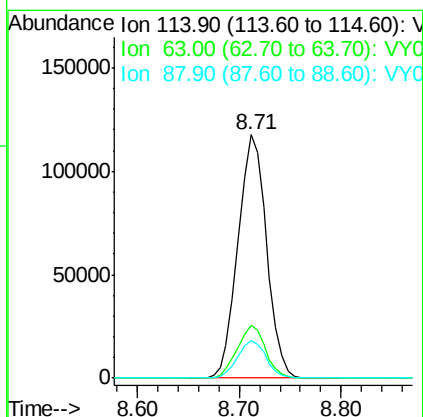
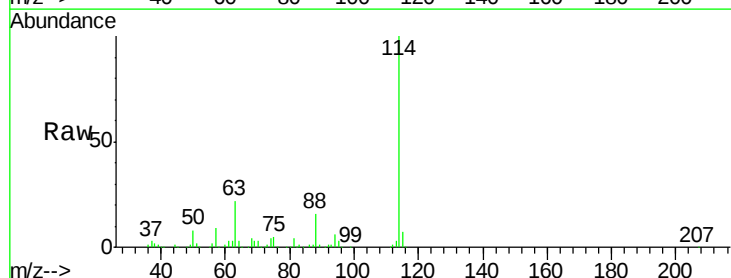
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1

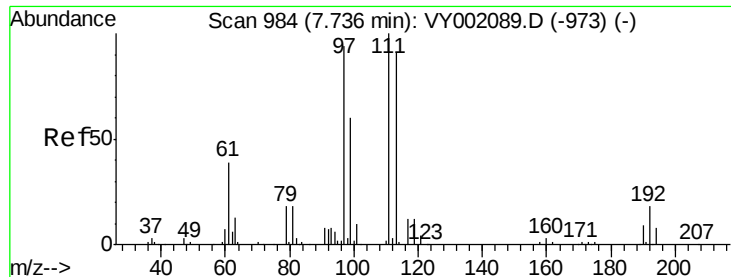
Tot Ion: 65 Resp: 73010
 Ion Ratio Lower Upper
 65 100
 67 56.1 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY002141.D
 Acq: 31 Mar 2020 18:13

Tgt Ion: 114 Resp: 228696
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 41.4
 88 15.6 0.0 33.0





#35

Dibromofluoromethane

Concen: 44.999 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.01 min

Lab File: VY002141.D

Acq: 31 Mar 2020 18:13

Instrument :

MSVOA_Y

ClientSampleId :

SB-1

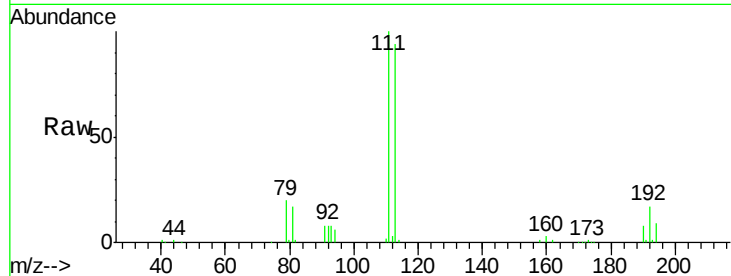
Tot Ion:113 Resp: 57663

Ion Ratio Lower Upper

113 100

111 105.1 84.4 126.6

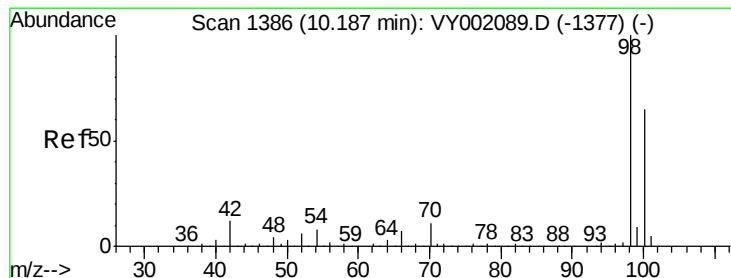
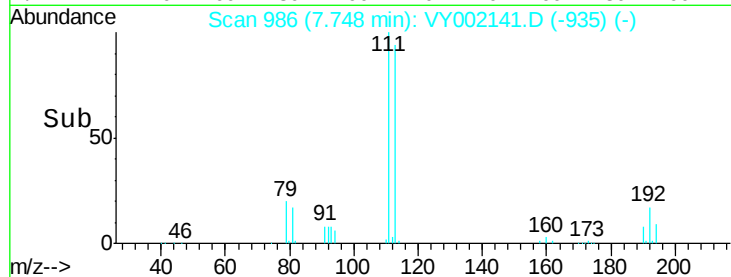
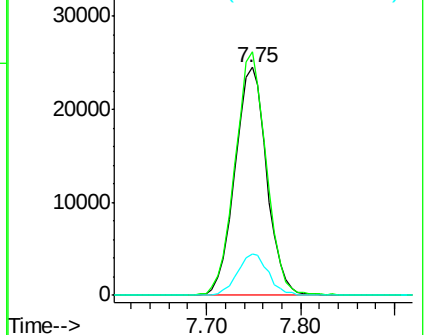
192 17.7 14.6 21.8



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: 50.276 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002141.D

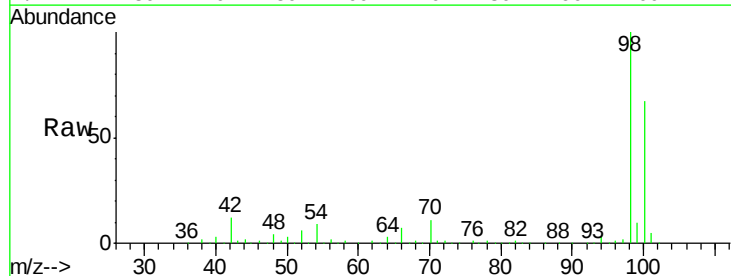
Acq: 31 Mar 2020 18:13

Tgt Ion: 98 Resp: 267636

Ion Ratio Lower Upper

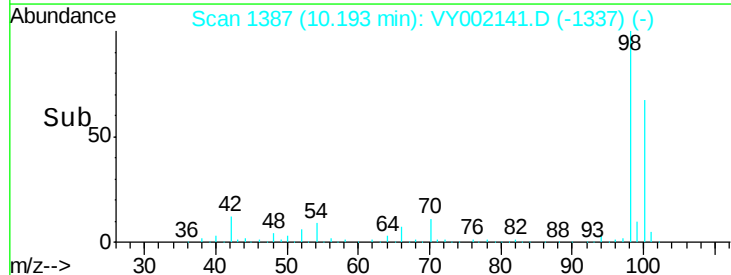
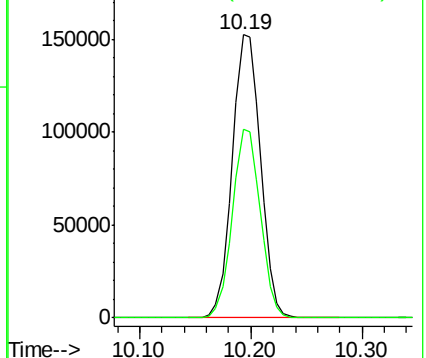
98 100

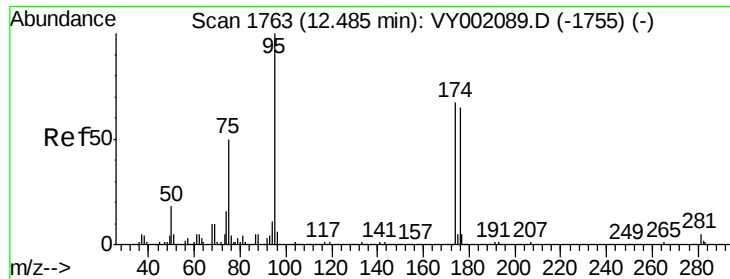
100 65.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

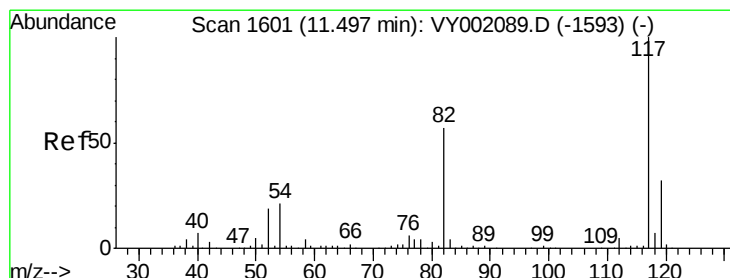
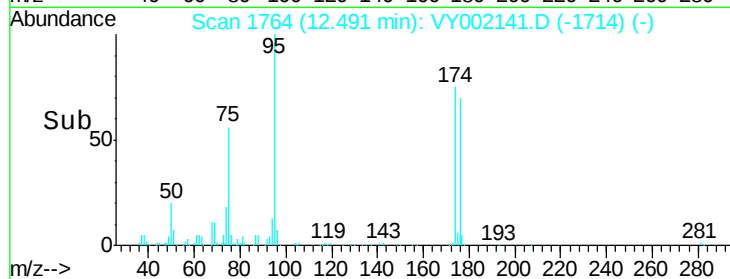
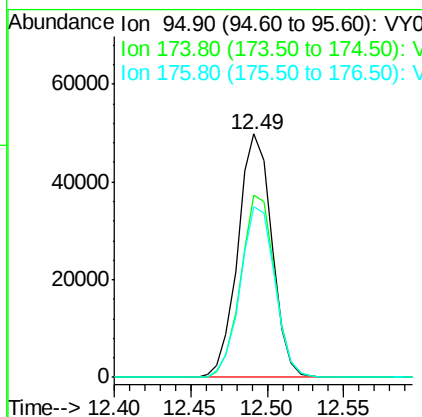
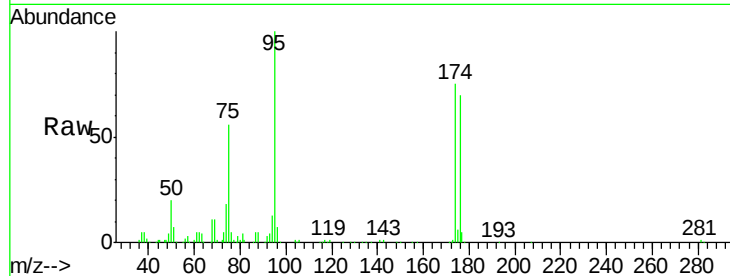




#62
 4-Bromofluorobenzene
 Concen: 41.125 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: VY002141.D
 Acq: 31 Mar 2020 18:13

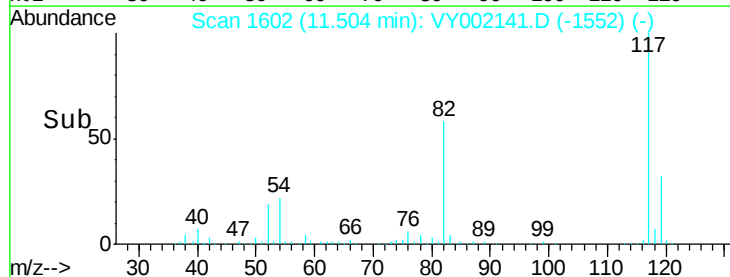
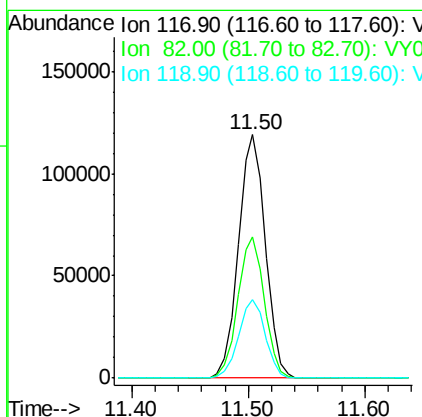
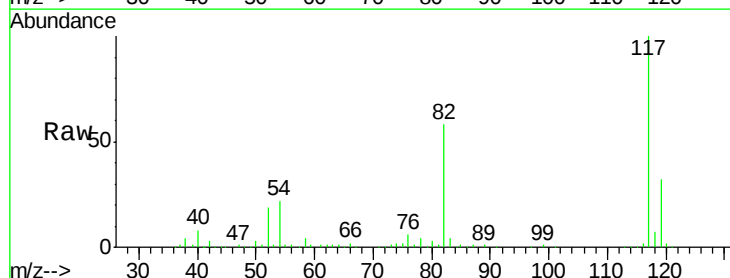
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1

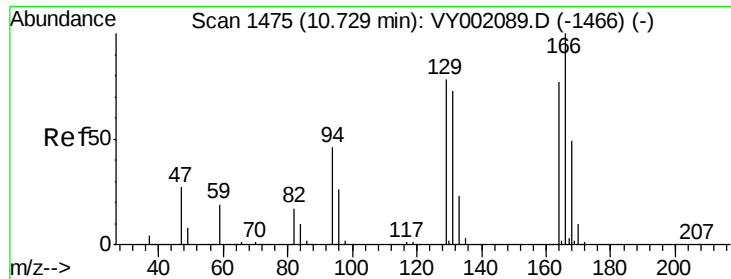
Tot Ion: 95 Resp: 76564
 Ion Ratio Lower Upper
 95 100
 174 75.2 0.0 143.4
 176 71.6 0.0 137.0



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.50 min Scan# 1602
 Delta R.T. 0.01 min
 Lab File: VY002141.D
 Acq: 31 Mar 2020 18:13

Tgt Ion: 117 Resp: 191351
 Ion Ratio Lower Upper
 117 100
 82 57.9 45.4 68.2
 119 32.2 25.3 37.9





#64

Tetrachloroethene

Concen: 6.642 ug/l

RT: 10.74 min Scan# 1476

Delta R.T. 0.01 min

Lab File: VY002141.D

Acq: 31 Mar 2020 18:13

Instrument :

MSVOA_Y

ClientSampleId :

SB-1

Tot Ion:164 Resp: 7776

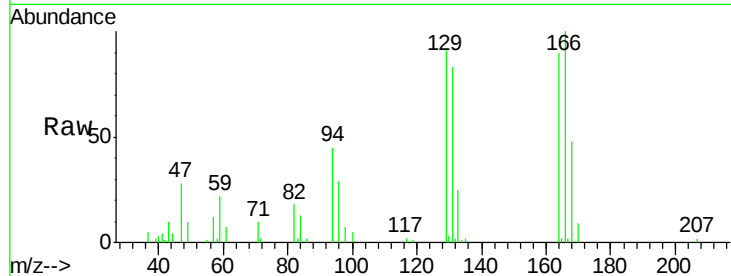
Ion Ratio Lower Upper

164 100

166 110.5 104.0 156.0

129 101.3 81.2 121.8

131 91.4 75.8 113.6



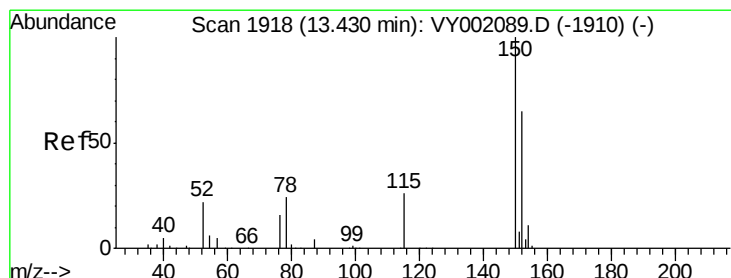
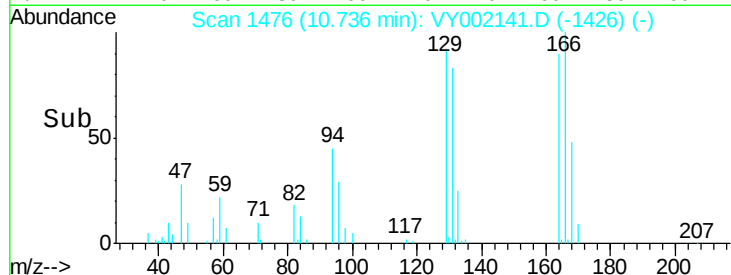
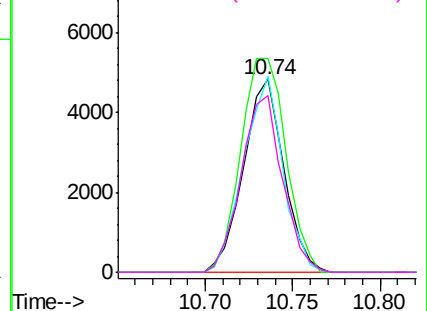
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY002141.D

Acq: 31 Mar 2020 18:13

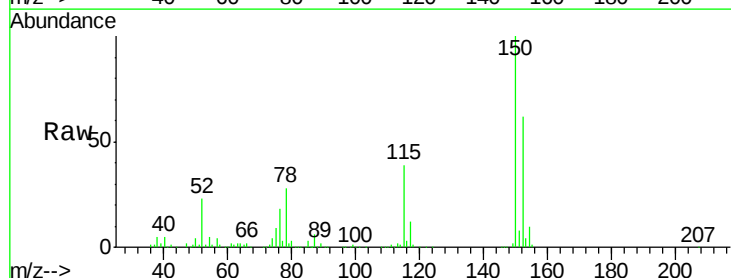
Tgt Ion:152 Resp: 66733

Ion Ratio Lower Upper

152 100

115 61.7 31.2 93.6

150 161.6 0.0 354.8



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

