

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042120\
 Data File : VY002449.D
 Acq On : 21 Apr 2020 21:16
 Operator : SY/MD
 Sample : L2304-15RE
 Misc : 5.10G/5ML/MSVOA Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-F2-VOARE

Quant Time: Apr 22 09:08:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042020S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 20 15:14:11 2020
 Response via : Initial Calibration

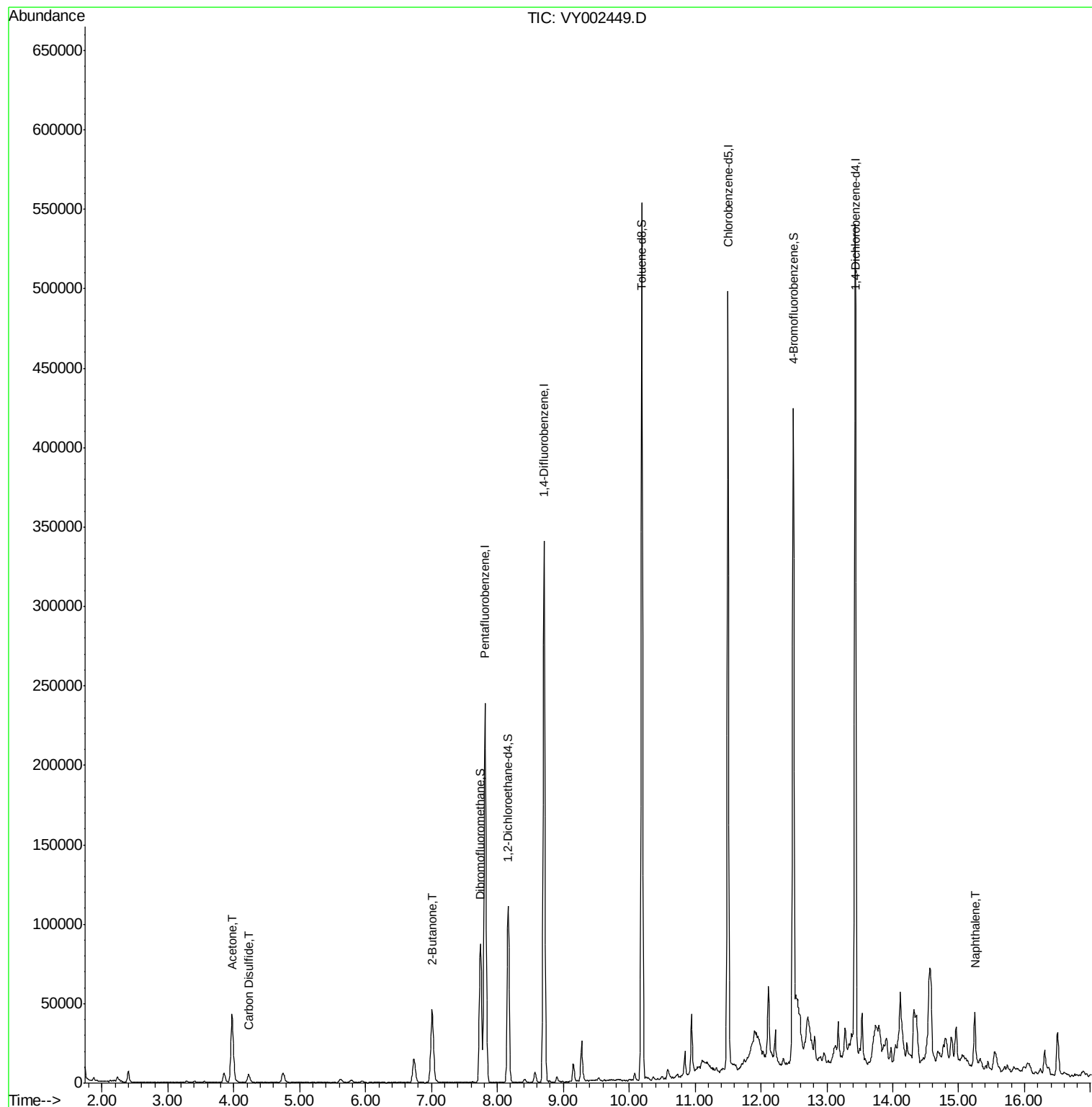
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	209857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	328257	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	295428	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	144417	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	81529	53.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.84%	
35) Dibromofluoromethane	7.74	113	62221	36.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.08%	
50) Toluene-d8	10.19	98	381380	54.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.22%	
62) 4-Bromofluorobenzene	12.49	95	120828	52.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.82%	
Target Compounds						
16) Acetone	3.97	43	72130	176.841	ug/l	98
17) Carbon Disulfide	4.22	76	6679	1.100	ug/l	99
25) 2-Butanone	7.01	43	18211	31.322	ug/l	91
95) Naphthalene	15.25	128	26110	4.625	ug/l	96

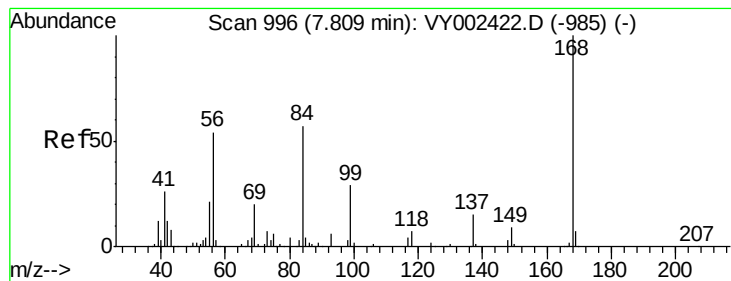
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002449.D

Acq: 21 Apr 2020 21:16

Instrument :

MSVOA_Y

ClientSampleId :

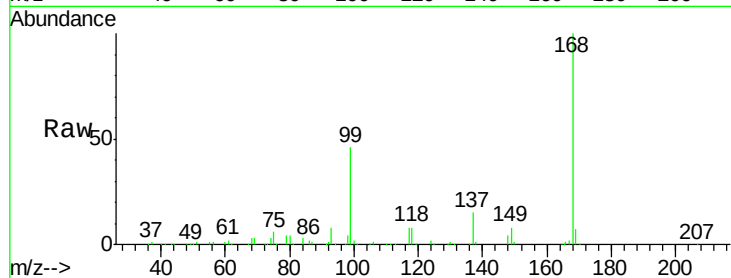
WC-F2-VOARE

Tot Ion:168 Resp: 209857

Ion Ratio Lower Upper

168 100

99 45.8 37.0 55.4



Abundance Ion 167.90 (167.60 to 168.60): VY002422.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002422.D (-985) (-)

7.82

100000

80000

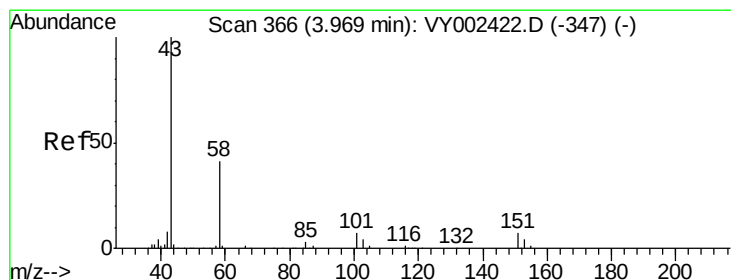
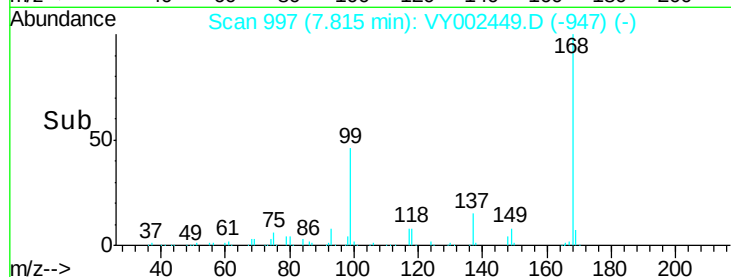
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 176.841 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002449.D

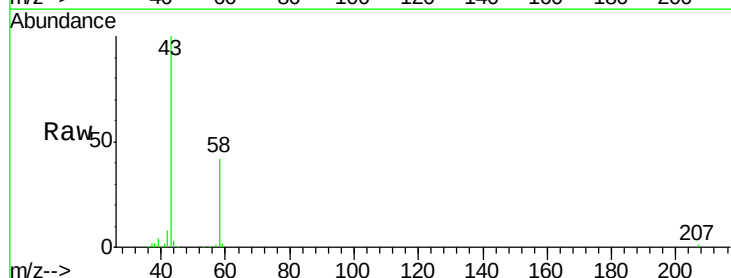
Acq: 21 Apr 2020 21:16

Tgt Ion: 43 Resp: 72130

Ion Ratio Lower Upper

43 100

58 42.0 32.6 48.8



Abundance Ion 43.00 (42.70 to 43.70): VY002422.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002422.D (-347) (-)

3.97

30000

25000

20000

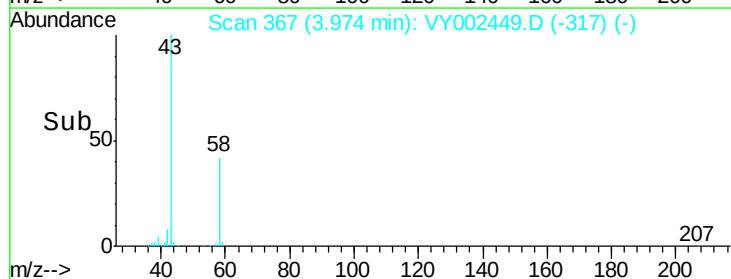
15000

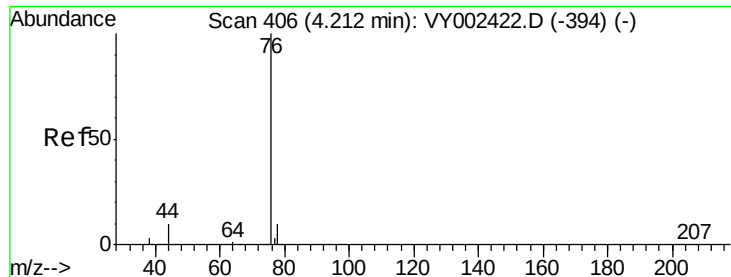
10000

5000

0

Time-->





#17

Carbon Disulfide

Concen: 1.100 ug/l

RT: 4.22 min Scan# 407

Delta R.T. 0.01 min

Lab File: VY002449.D

Acq: 21 Apr 2020 21:16

Instrument :

MSVOA_Y

ClientSampleId :

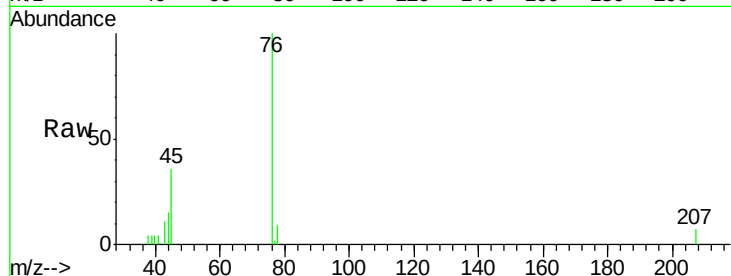
WC-F2-VOARE

Tot Ion: 76 Resp: 6679

Ion Ratio Lower Upper

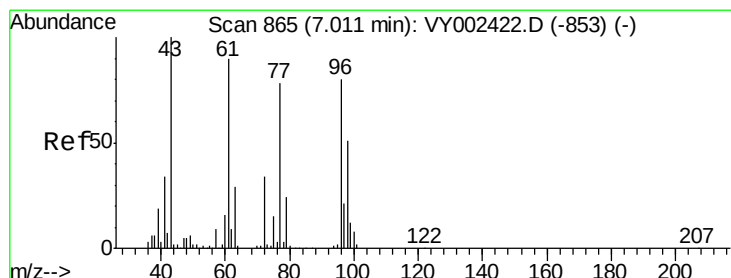
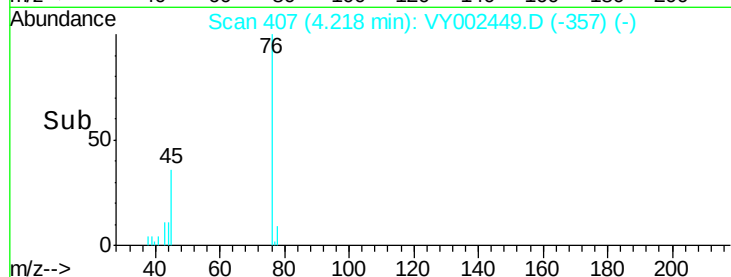
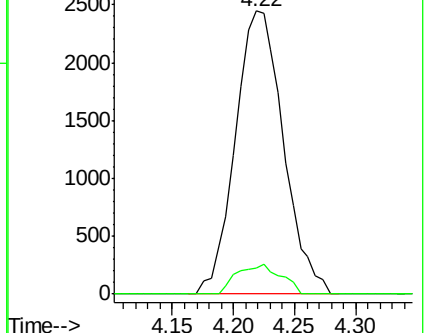
76 100

78 9.2 7.8 11.6



Abundance Ion 75.90 (75.60 to 76.60): VY002422.D (-394) (-)

Ion 77.90 (77.60 to 78.60): VY002422.D (-394) (-)



#25

2-Butanone

Concen: 31.322 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.00 min

Lab File: VY002449.D

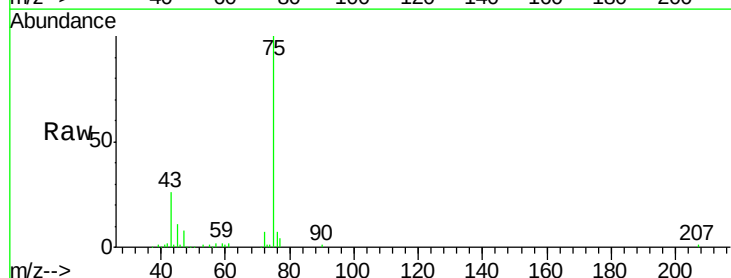
Acq: 21 Apr 2020 21:16

Tgt Ion: 43 Resp: 18211

Ion Ratio Lower Upper

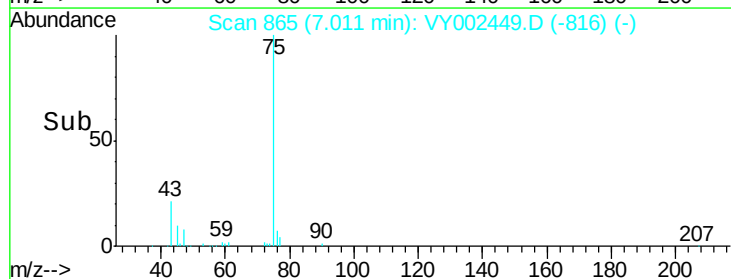
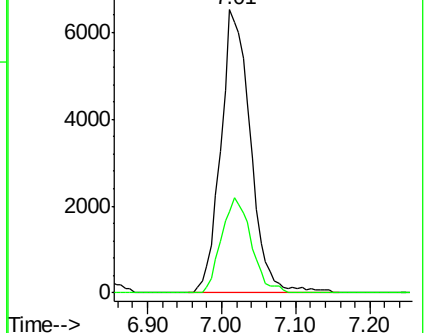
43 100

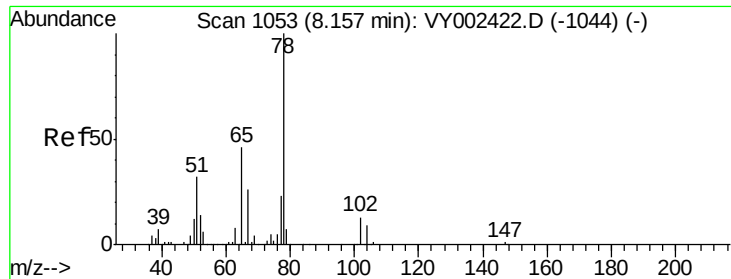
72 28.8 27.0 40.6



Abundance Ion 43.00 (42.70 to 43.70): VY002422.D (-853) (-)

Ion 72.00 (71.70 to 72.70): VY002422.D (-853) (-)

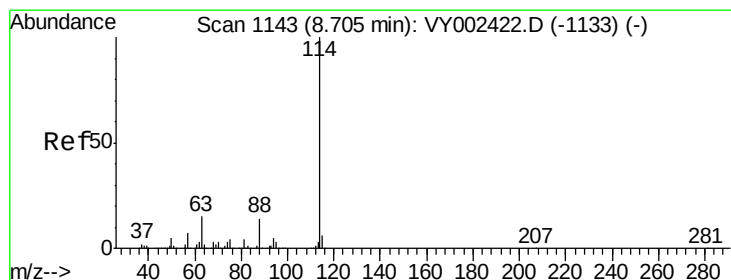
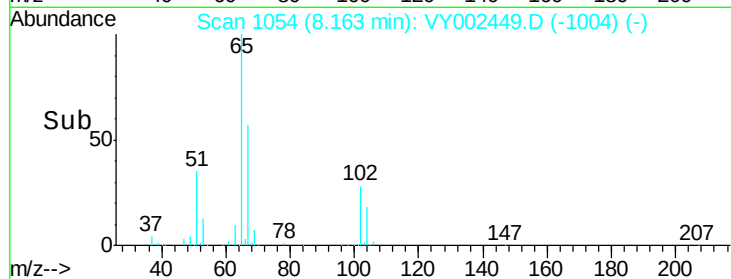
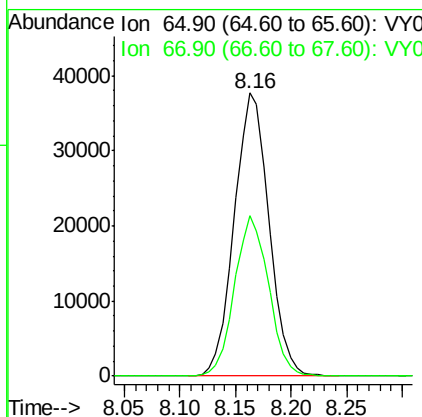
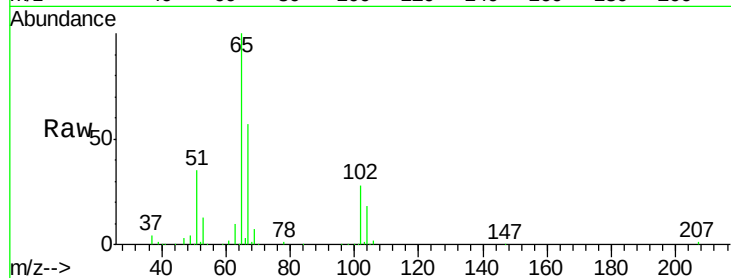




#33
 1,2-Dichloroethane-d4
 Concen: 53.416 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.01 min
 Lab File: VY002449.D
 Acq: 21 Apr 2020 21:16

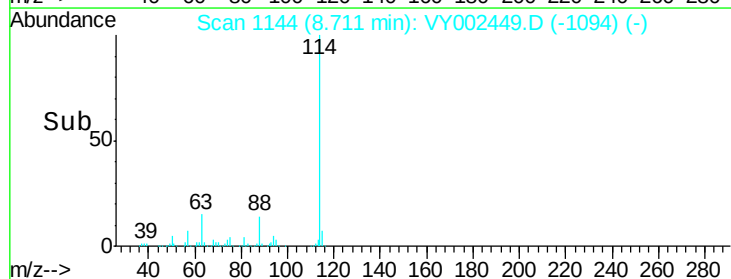
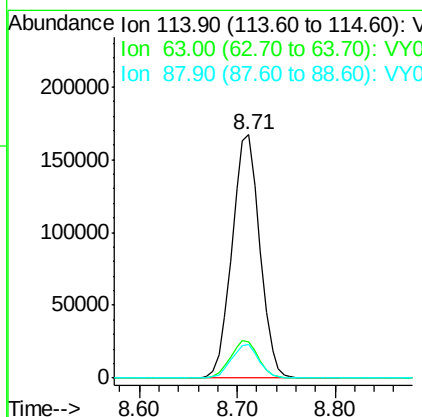
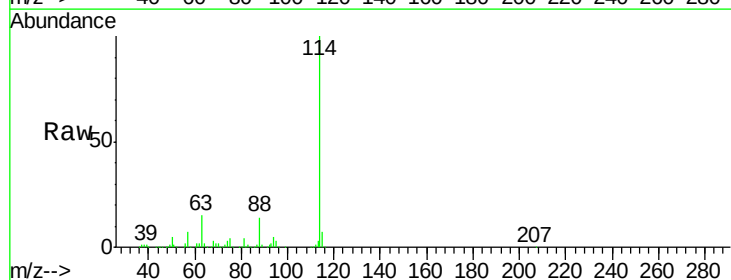
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-F2-VOARE

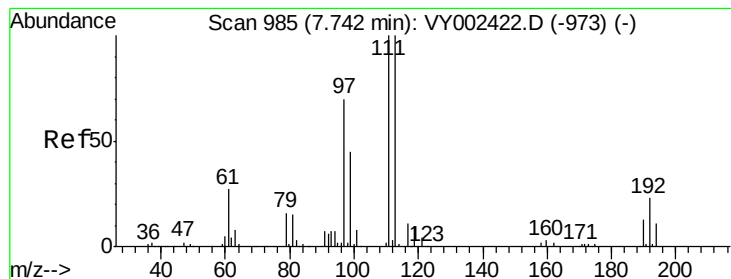
Tot Ion: 65 Resp: 81529
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY002449.D
 Acq: 21 Apr 2020 21:16

Tgt Ion: 114 Resp: 328257
 Ion Ratio Lower Upper
 114 100
 63 15.1 0.0 31.0
 88 13.8 0.0 28.2





#35

Dibromofluoromethane

Concen: 36.037 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.00 min

Lab File: VY002449.D

Acq: 21 Apr 2020 21:16

Instrument :

MSVOA_Y

ClientSampleId :

WC-F2-VOARE

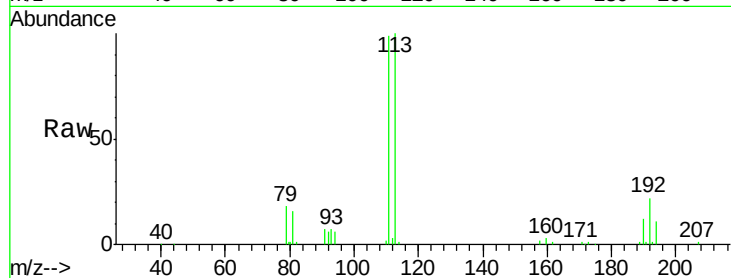
Tot Ion:113 Resp: 62221

Ion Ratio Lower Upper

113 100

111 102.4 81.7 122.5

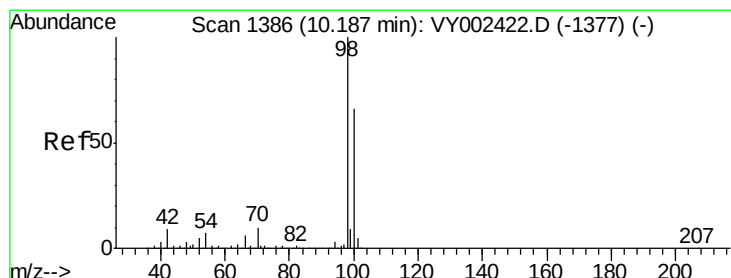
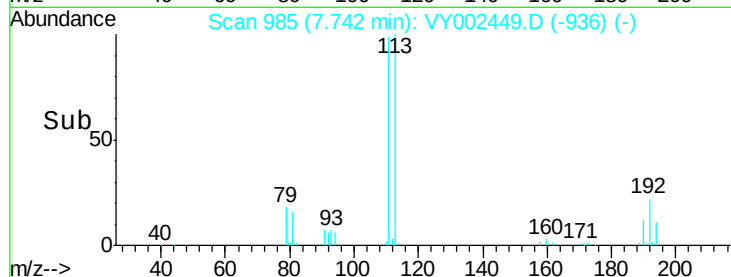
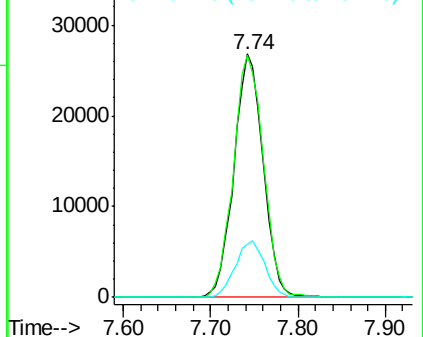
192 23.6 17.8 26.6



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: 54.613 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002449.D

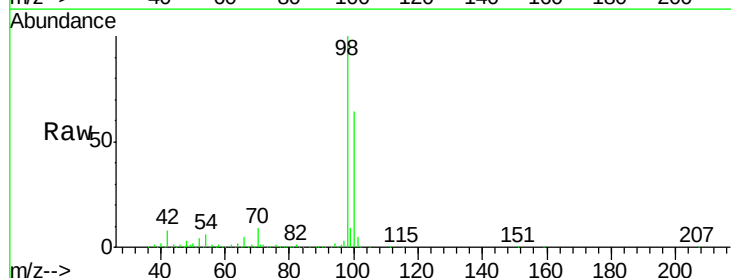
Acq: 21 Apr 2020 21:16

Tgt Ion: 98 Resp: 381380

Ion Ratio Lower Upper

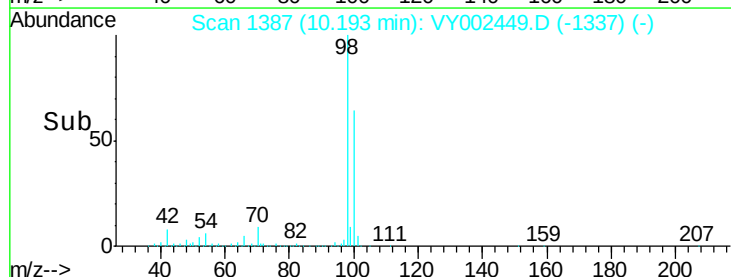
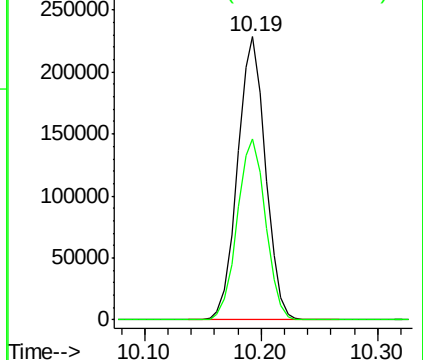
98 100

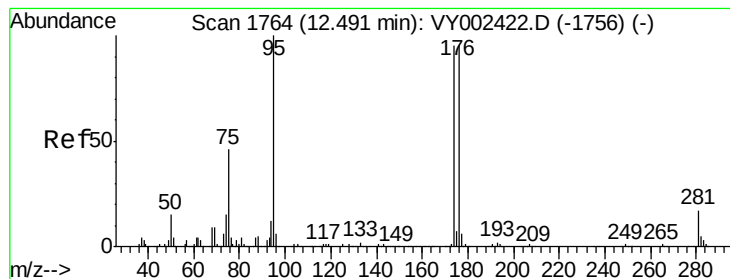
100 65.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 52.406 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY002449.D

Acq: 21 Apr 2020 21:16

Instrument :

MSVOA_Y

ClientSampleId :

WC-F2-VOARE

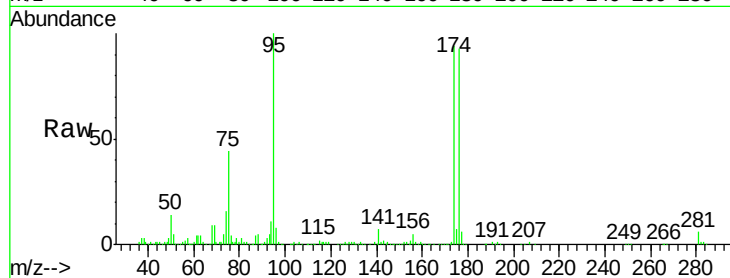
Tot Ion: 95 Resp: 120828

Ion Ratio Lower Upper

95 100

174 94.3 0.0 185.8

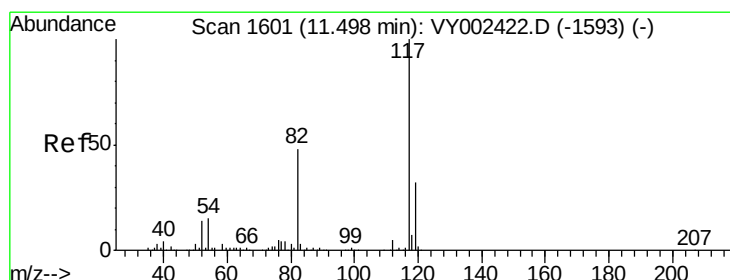
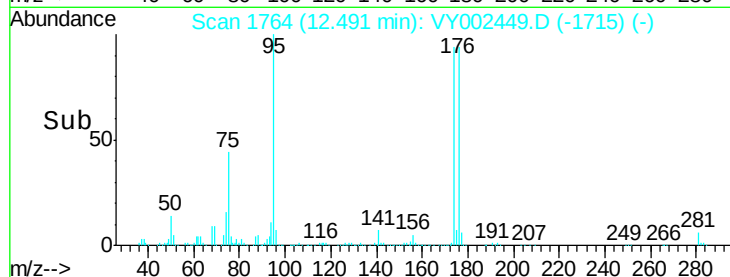
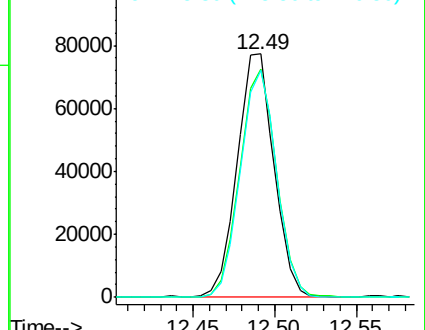
176 92.1 0.0 181.2



Abundance Ion 94.90 (94.60 to 95.60): VY002449.D (-1715) (-)

Ion 173.80 (173.50 to 174.50): VY002449.D (-1715) (-)

Ion 175.80 (175.50 to 176.50): VY002449.D (-1715) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1601

Delta R.T. -0.00 min

Lab File: VY002449.D

Acq: 21 Apr 2020 21:16

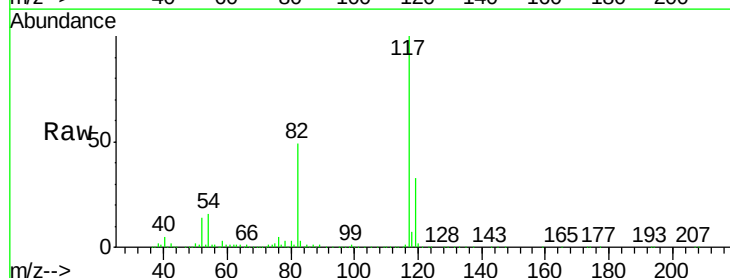
Tgt Ion: 117 Resp: 295428

Ion Ratio Lower Upper

117 100

82 48.9 38.4 57.6

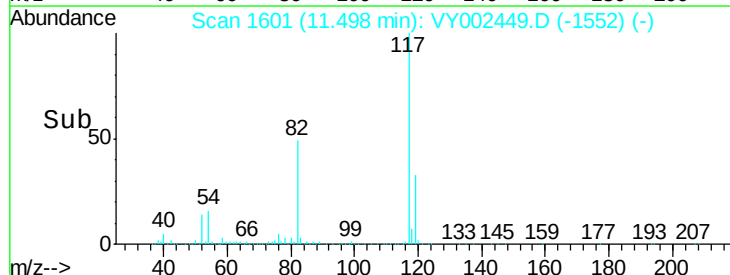
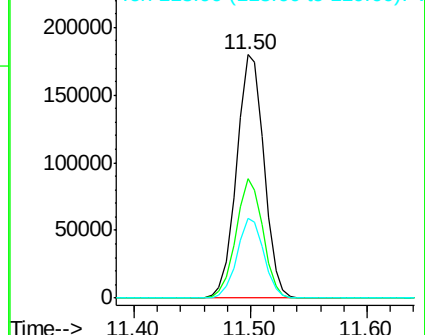
119 32.5 25.3 37.9

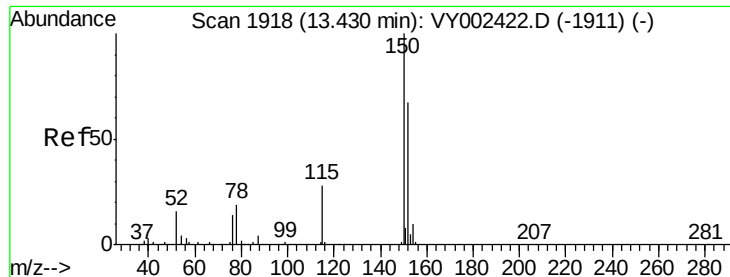


Abundance Ion 116.90 (116.60 to 117.60): VY002449.D (-1552) (-)

Ion 82.00 (81.70 to 82.70): VY002449.D (-1552) (-)

Ion 118.90 (118.60 to 119.60): VY002449.D (-1552) (-)



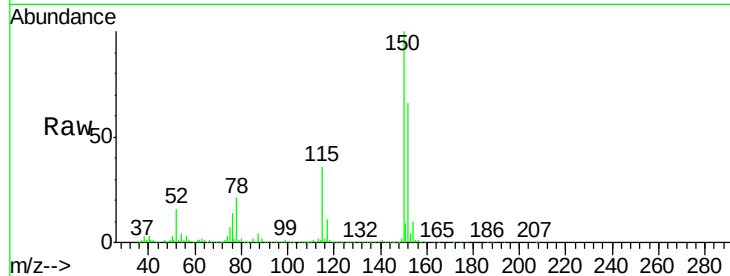


#72

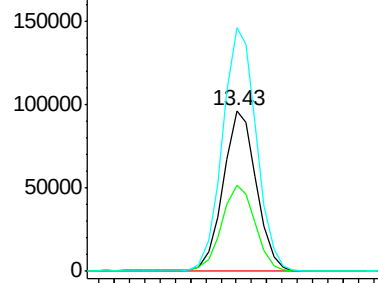
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY002449.D
Acq: 21 Apr 2020 21:16

Instrument :
MSVOA_Y
ClientSampleId :
WC-F2-VOARE

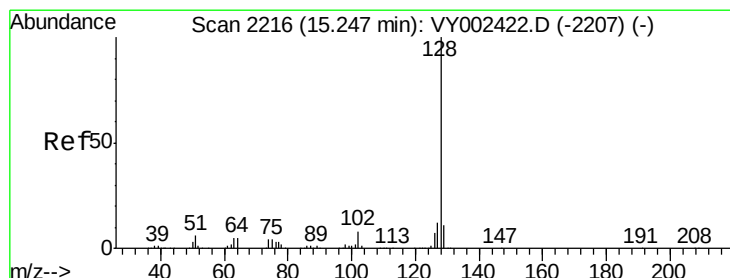
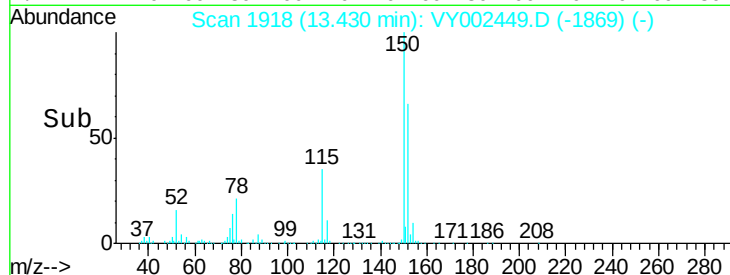
Tot Ion	Ratio	Lower	Upper
152	100		
115	54.5	27.3	81.8
150	155.4	0.0	344.0



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



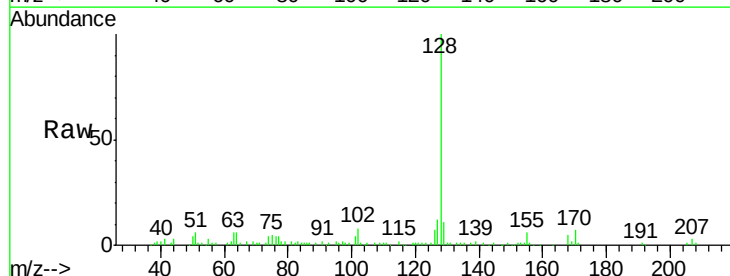
Time--> 13.35 13.40 13.45 13.50



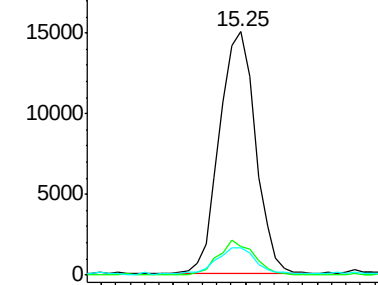
#95

Naphthalene
Concen: 4.625 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. -0.00 min
Lab File: VY002449.D
Acq: 21 Apr 2020 21:16

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.2	15.2
129	13.1	9.0	13.6



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



Time--> 15.15 15.20 15.25 15.30

