

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011520\
 Data File : VY001247.D
 Acq On : 16 Jan 2020 03:03
 Operator : SY/MD
 Sample : L1136-11
 Misc : 9.16G/5ML/MSVOA Y/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WP022SB458_200113_28-30

Quant Time: Jan 16 07:22:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

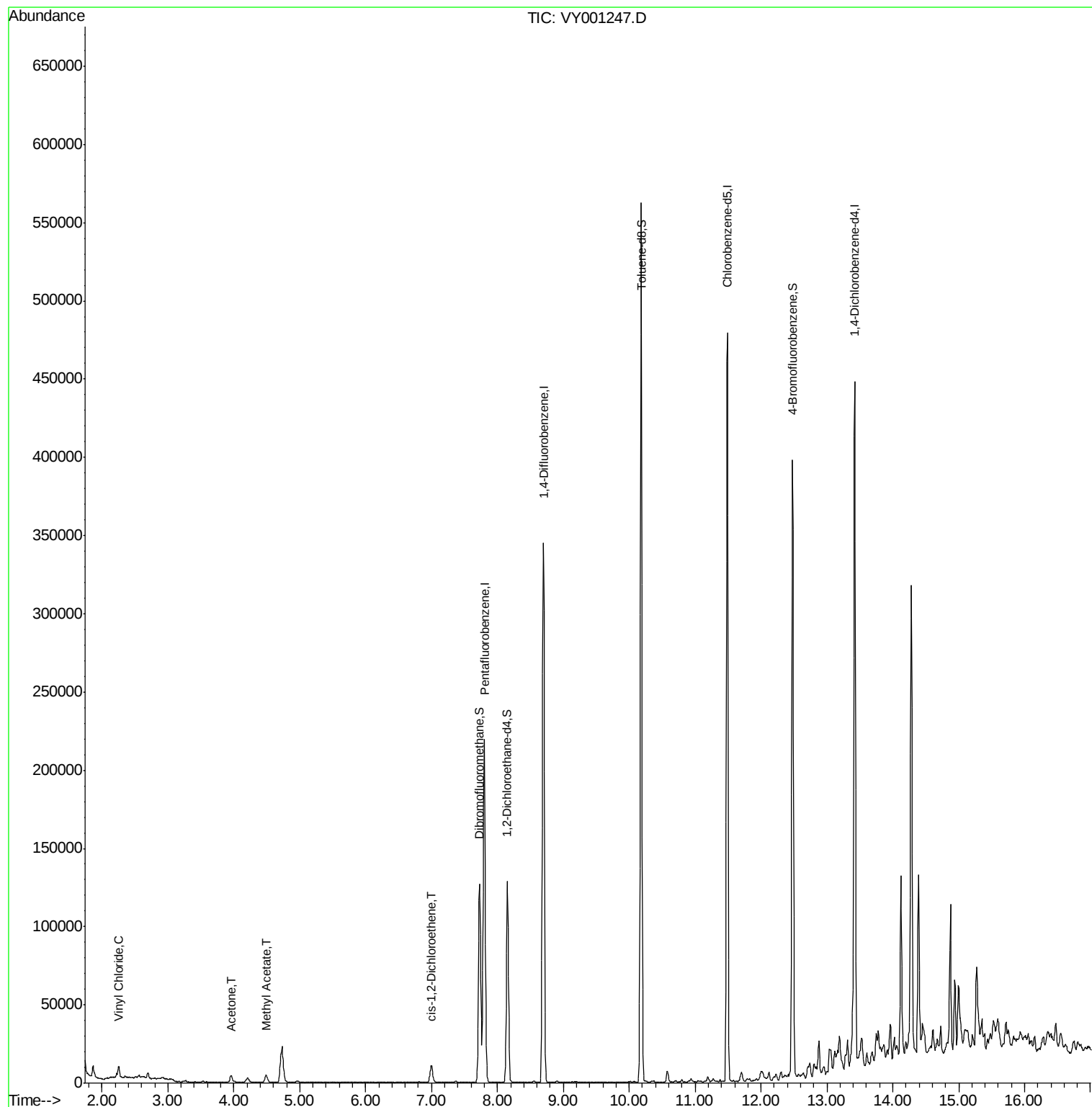
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	171089	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	307937	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	266022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	109029	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	97219	53.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.60%	
35) Dibromofluoromethane	7.73	113	90528	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.42%	
50) Toluene-d8	10.18	98	359694	51.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.56%	
62) 4-Bromofluorobenzene	12.48	95	121407	42.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.50%	
Target Compounds						
4) Vinyl Chloride	2.26	62	4368	2.289	ug/l	94
16) Acetone	3.96	43	7646	18.219	ug/l	93
18) Methyl Acetate	4.49	43	9049	6.522	ug/l	95
27) cis-1,2-Dichloroethene	7.00	96	5419	2.494	ug/l	84

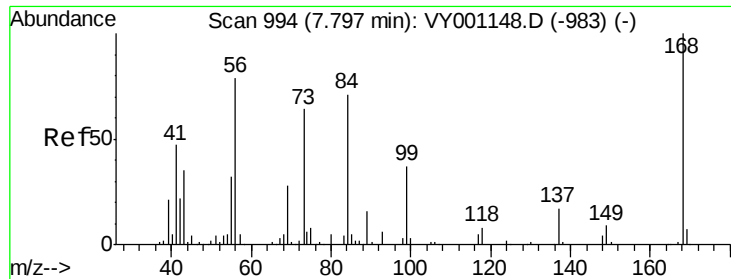
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001247.D

Acq: 16 Jan 2020 03:03

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MSVOA_Y

ClientSampleId :

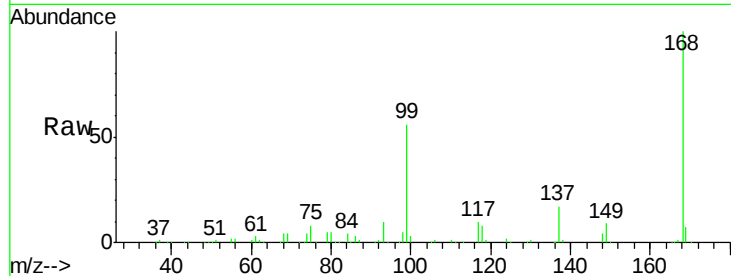
WP022SB458_200113_28-30

Tot Ion:168 Resp: 171089

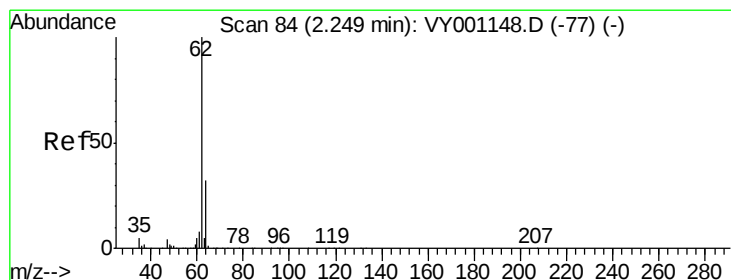
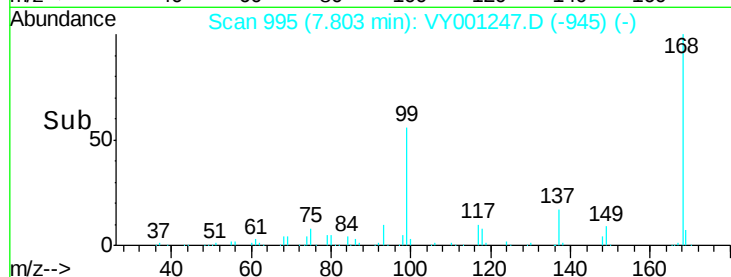
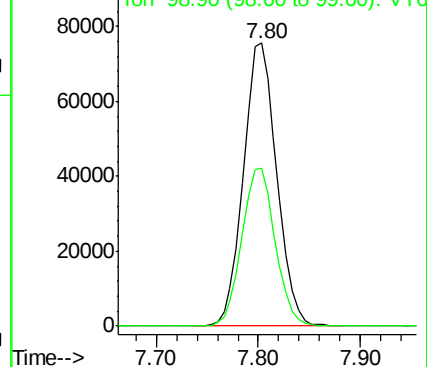
Ion Ratio Lower Upper

168 100

99 55.8 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001148.D (-983) (-)



#4

Vinyl Chloride

Concen: 2.289 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY001247.D

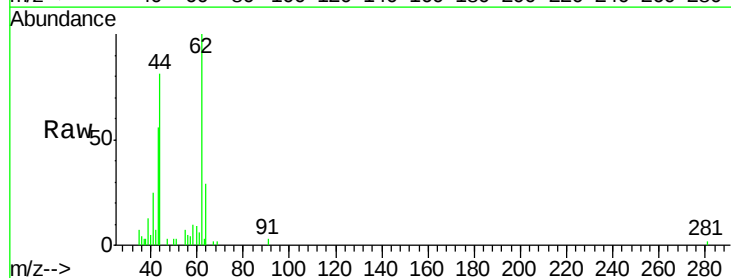
Acq: 16 Jan 2020 03:03

Tgt Ion: 62 Resp: 4368

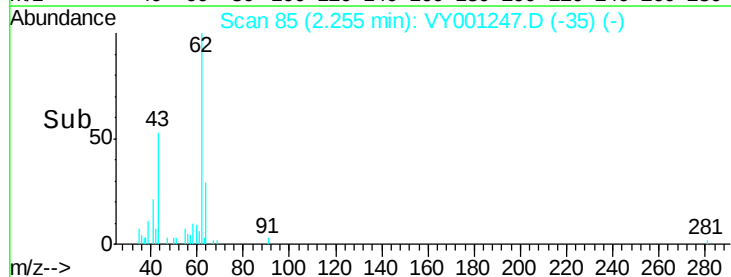
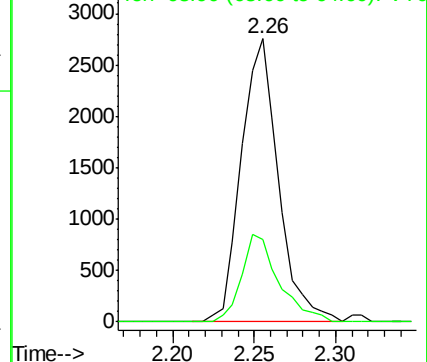
Ion Ratio Lower Upper

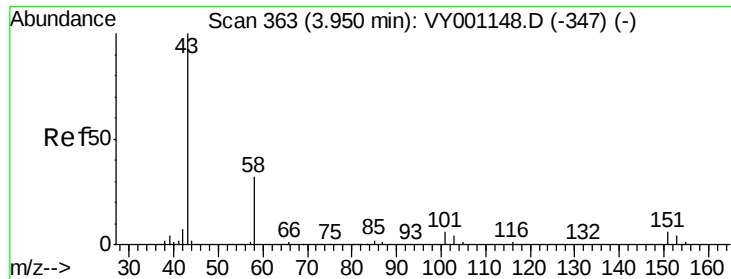
62 100

64 29.0 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VY001148.D (-77) (-)





#16

Acetone

Concen: 18.219 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY001247.D

Acq: 16 Jan 2020 03:03

Instrument :

MSVOA_Y

ClientSampleId :

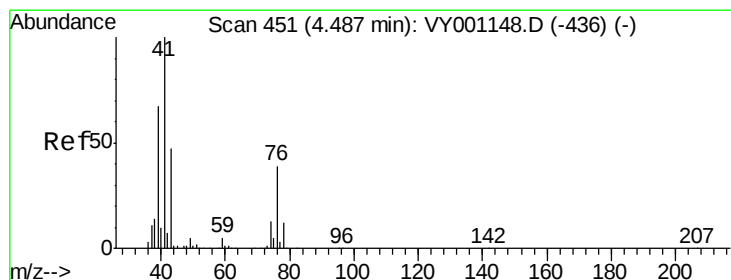
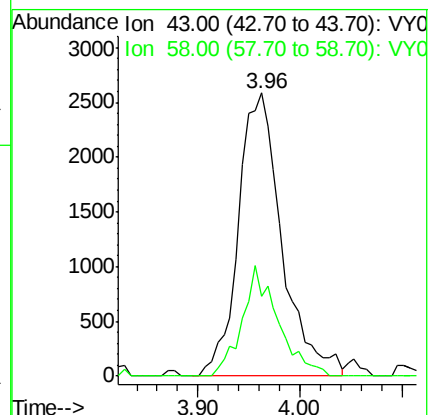
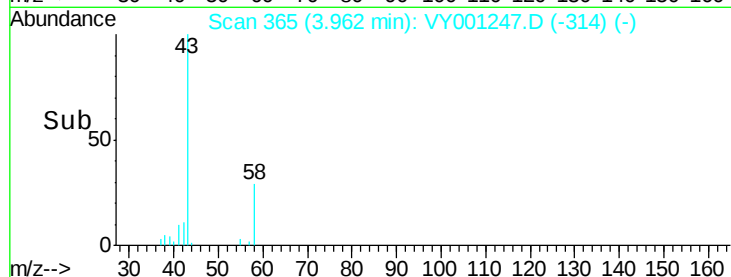
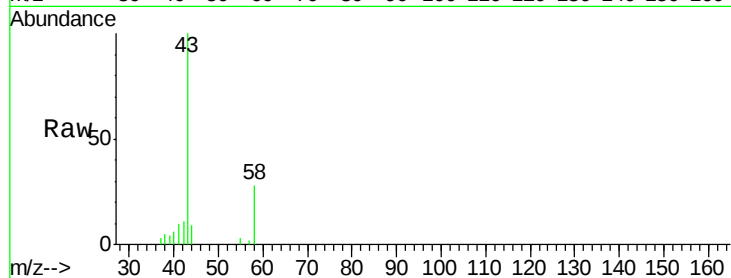
WP022SB458_200113_28-30

Tot Ion: 43 Resp: 7646

Ion Ratio Lower Upper

43 100

58 28.3 25.8 38.6



#18

Methyl Acetate

Concen: 6.522 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY001247.D

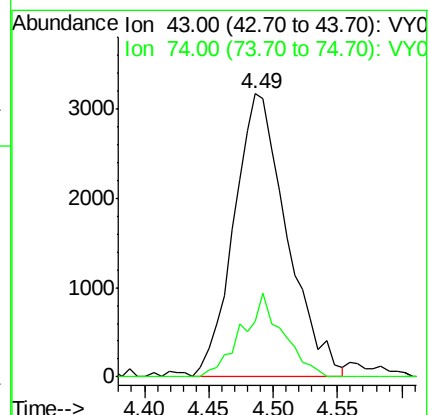
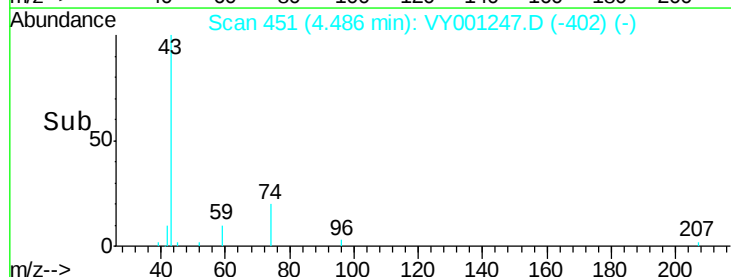
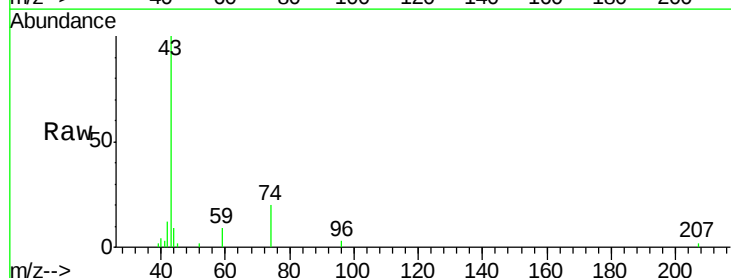
Acq: 16 Jan 2020 03:03

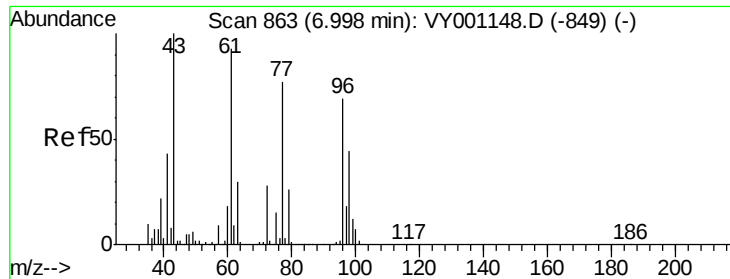
Tgt Ion: 43 Resp: 9049

Ion Ratio Lower Upper

43 100

74 22.8 20.2 30.2



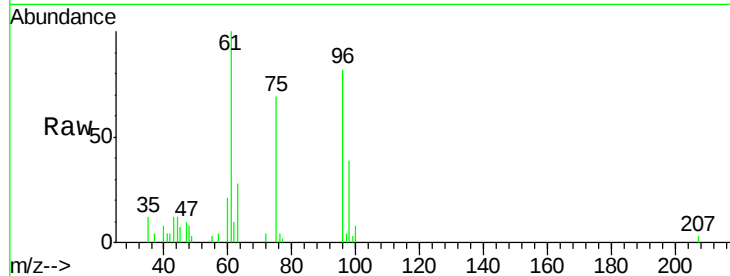


#27

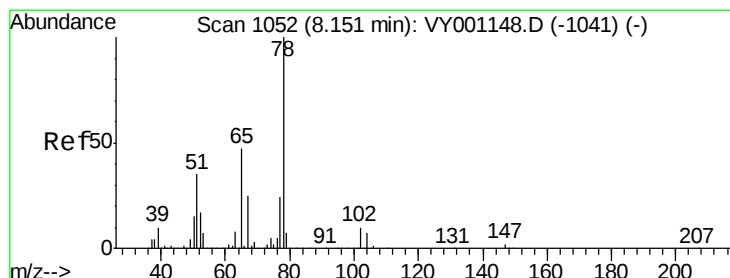
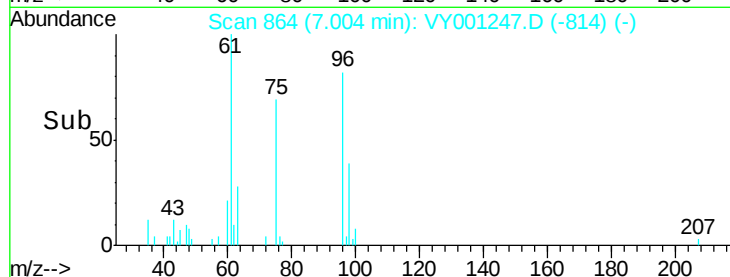
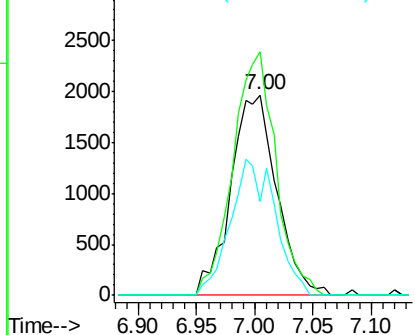
cis-1,2-Dichloroethene
 Concen: 2.494 ug/l
 RT: 7.00 min Scan# 864
 Delta R.T. 0.01 min
 Lab File: VY001247.D
 Acq: 16 Jan 2020 03:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 WP022SB458_200113_28-30

Tot Ion: 96 Resp: 5419
 Ion Ratio Lower Upper
 96 100
 61 113.2 0.0 284.0
 98 65.5 0.0 130.2



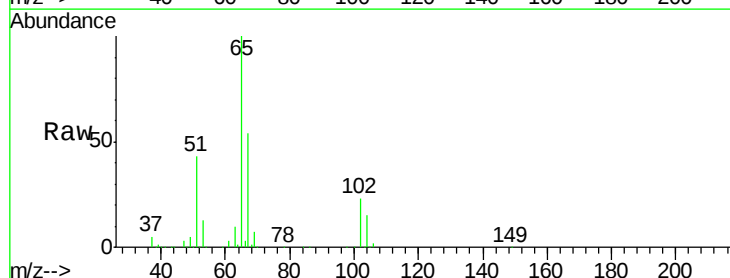
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



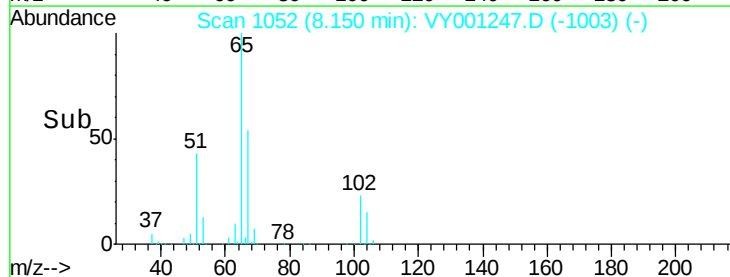
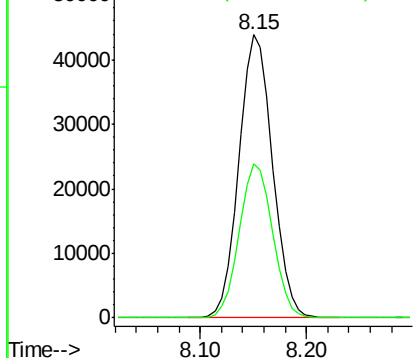
#33

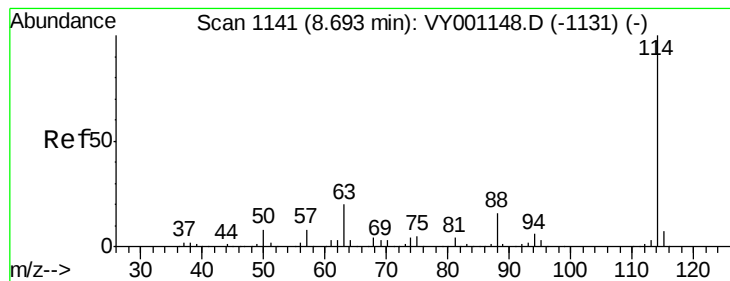
1,2-Dichloroethane-d4
 Concen: 53.801 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY001247.D
 Acq: 16 Jan 2020 03:03

Tgt Ion: 65 Resp: 97219
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY0
 Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.01 min

Lab File: VY001247.D

Acq: 16 Jan 2020 03:03

Instrument :

MSVOA_Y

ClientSampleId :

WP022SB458_200113_28-30

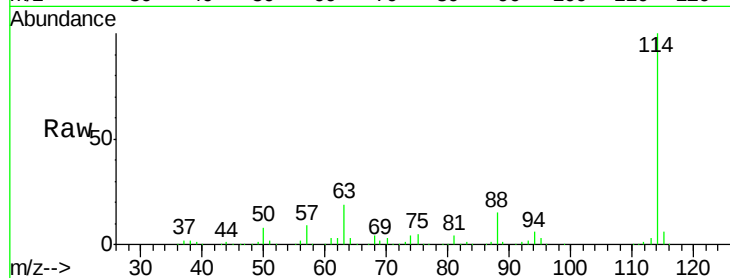
Tot Ion:114 Resp: 307937

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.8

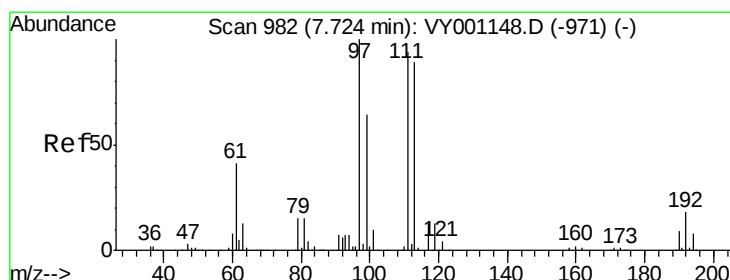
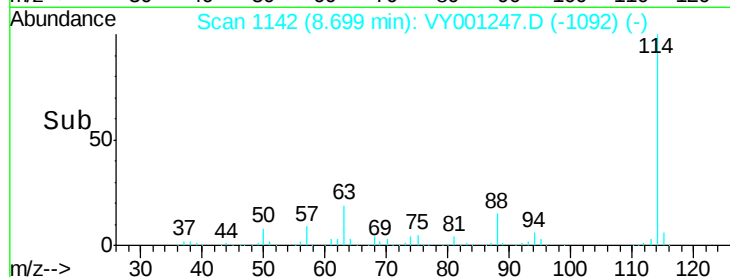
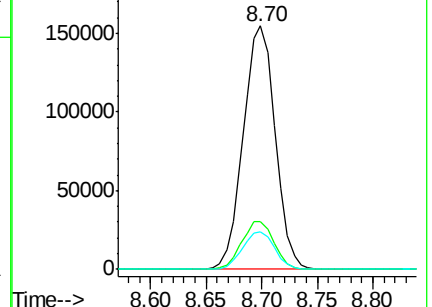
88 15.4 0.0 32.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 50.211 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001247.D

Acq: 16 Jan 2020 03:03

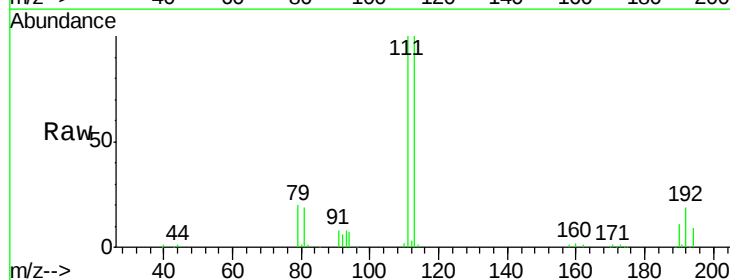
Tgt Ion:113 Resp: 90528

Ion Ratio Lower Upper

113 100

111 103.8 82.9 124.3

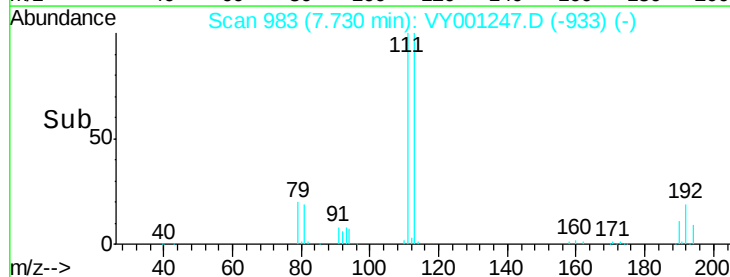
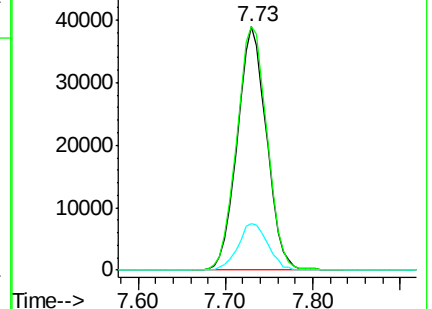
192 19.4 15.4 23.2

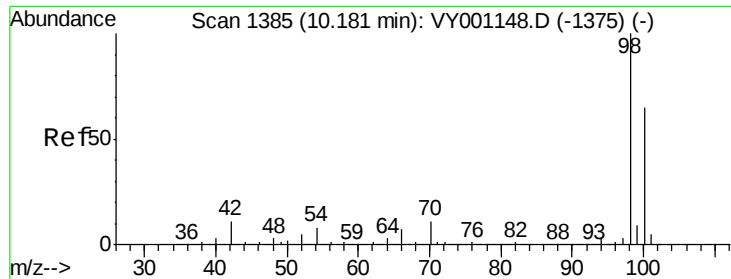


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.776 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY001247.D

Acq: 16 Jan 2020 03:03

Instrument :

MSVOA_Y

ClientSampleId :

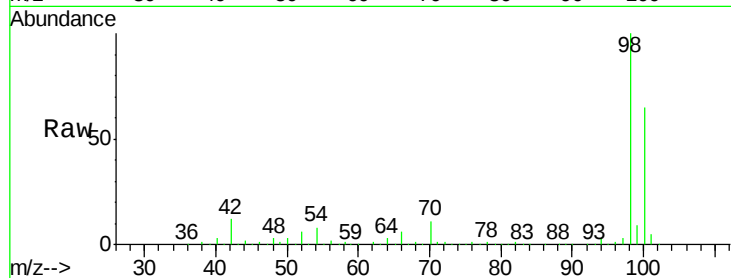
WP022SB458_200113_28-30

Tot Ion: 98 Resp: 359694

Ion Ratio Lower Upper

98 100

100 66.8 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY001148.D (-1375) (-)

Ion 100.00 (99.70 to 100.70): VY001148.D (-1375) (-)

250000

200000

150000

100000

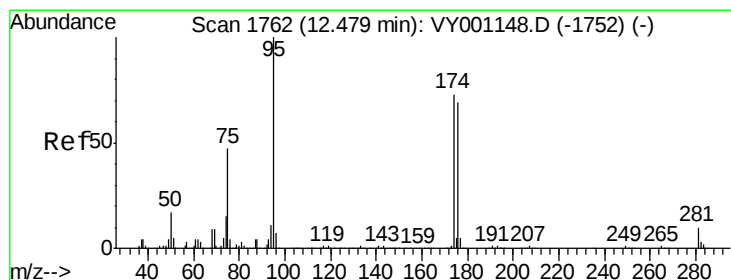
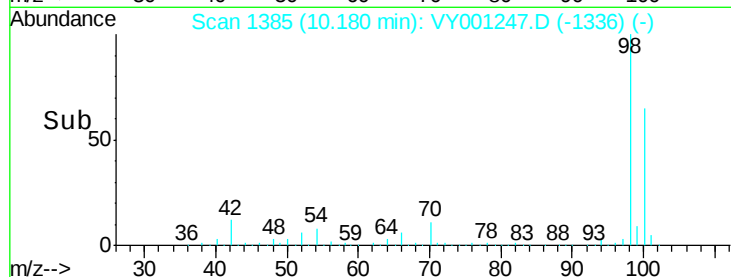
50000

0

10.10

10.20

Time-->



#62

4-Bromofluorobenzene

Concen: 42.746 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY001247.D

Acq: 16 Jan 2020 03:03

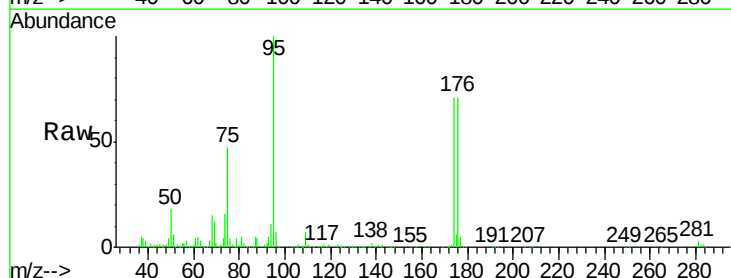
Tgt Ion: 95 Resp: 121407

Ion Ratio Lower Upper

95 100

174 73.3 0.0 143.2

176 71.4 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VY001148.D (-1752) (-)

Ion 173.80 (173.50 to 174.50): VY001148.D (-1752) (-)

Ion 175.80 (175.50 to 176.50): VY001148.D (-1752) (-)

100000

80000

60000

40000

20000

0

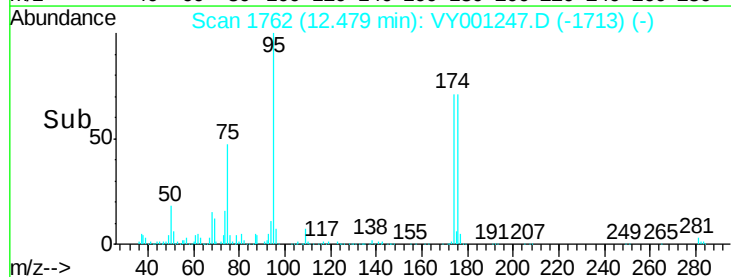
12.40

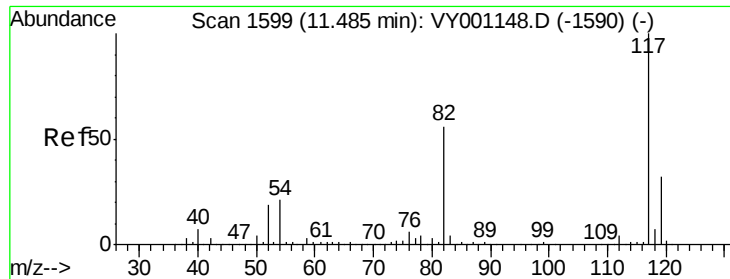
12.45

12.50

12.55

Time-->

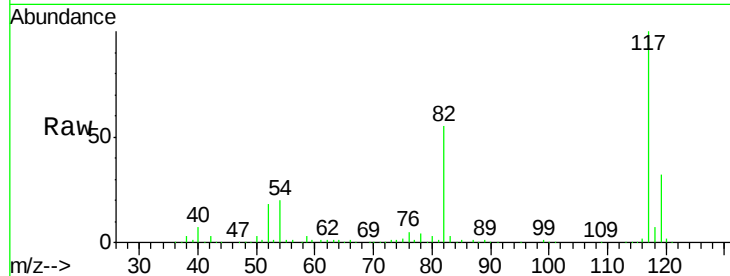




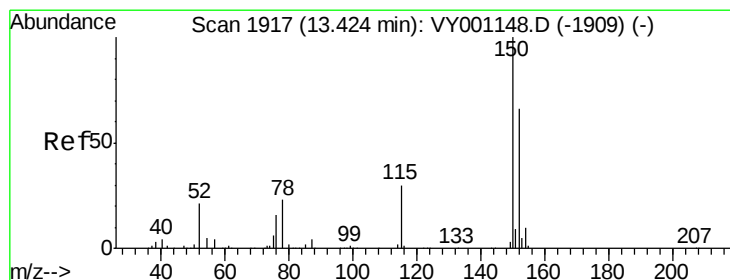
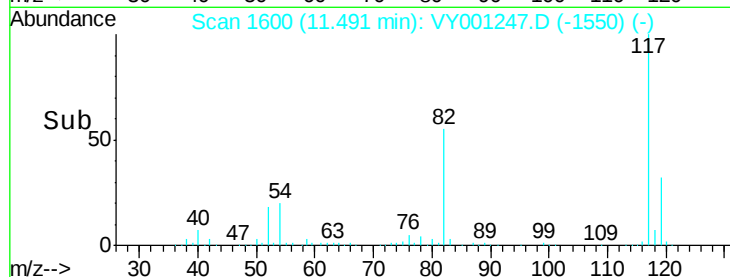
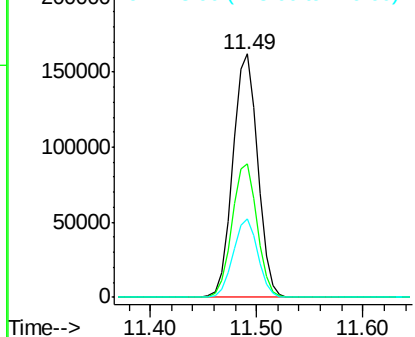
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001247.D
Acq: 16 Jan 2020 03:03

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB458_200113_28-30

Tot Ion:117 Resp: 266022
Ion Ratio Lower Upper
117 100
82 55.0 44.9 67.3
119 32.2 25.7 38.5

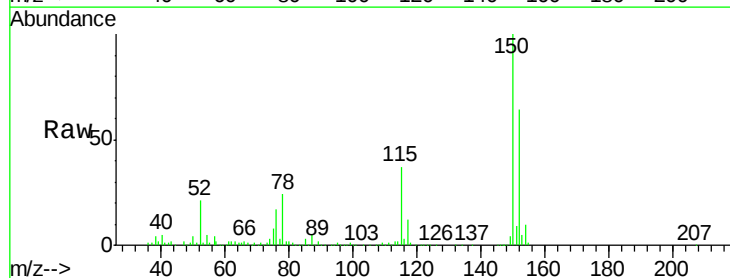


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY001247.D
Acq: 16 Jan 2020 03:03

Tgt Ion:152 Resp: 109029
Ion Ratio Lower Upper
152 100
115 57.6 30.9 92.5
150 153.7 0.0 346.8



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

