

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011520\
 Data File : VY001229.D
 Acq On : 15 Jan 2020 19:21
 Operator : SY/MD
 Sample : L1123-01
 Misc : 5.03G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-5.5-6.0

Quant Time: Jan 16 04:52:43 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

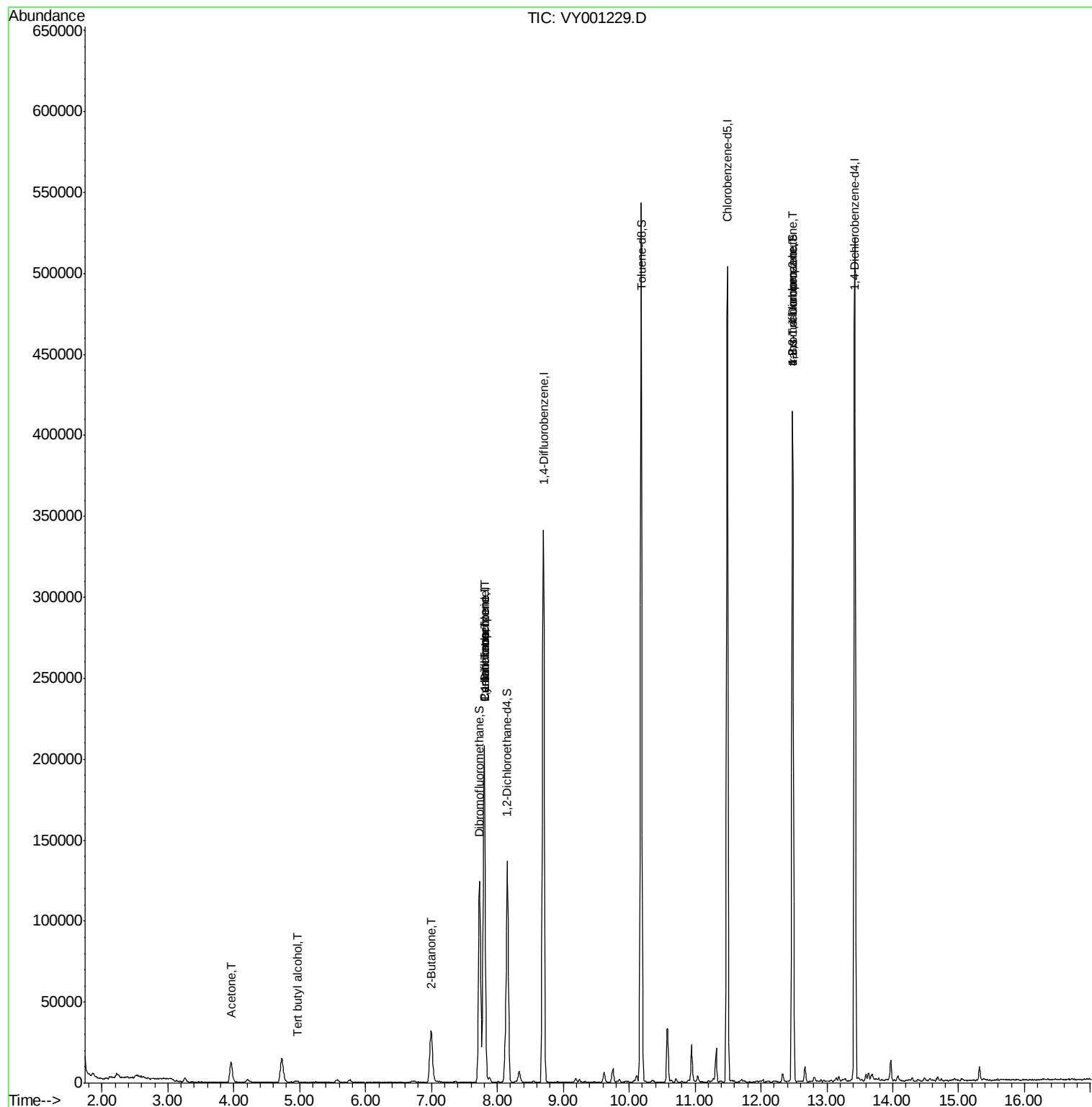
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	165329	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	300122	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	274860	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	128951	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	93592	53.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.20%	
35) Dibromofluoromethane	7.73	113	88133	50.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.32%	
50) Toluene-d8	10.18	98	350842	51.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.64%	
62) 4-Bromofluorobenzene	12.48	95	129899	46.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.86%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.97	59	1555	8.851	ug/l #	81
16) Acetone	3.96	43	22202	54.748	ug/l	97
25) 2-Butanone	7.00	43	7328	11.611	ug/l	98
31) Cyclohexane	7.80	56	3513	1.040	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	12609	4.610	ug/l #	49
38) Carbon Tetrachloride	7.80	117	15546	6.201	ug/l #	15
76) 1,2,3-Trichloropropane	12.48	75	64141	46.464	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	64141	78.794	ug/l #	6

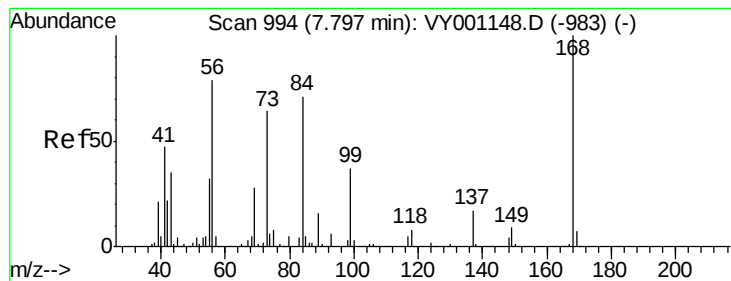
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-01-5.5-6.0

Quant Time: Jan 16 04:52:43 2020
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Quant Title : SW846 8260
QLast Update : Fri Jan 10 16:01:58 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001229.D

Acq: 15 Jan 2020 19:21

Instrument :

MSVOA_Y

ClientSampleId :

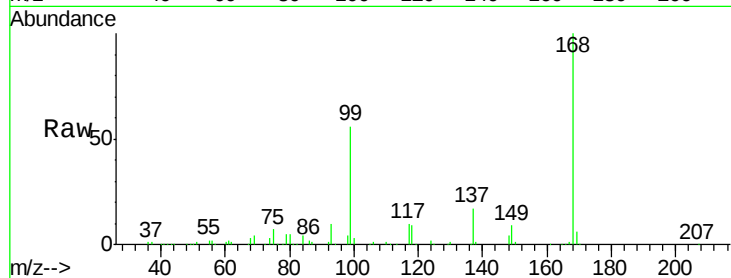
SB-01-5.5-6.0

Tgt Ion:168 Resp: 165329

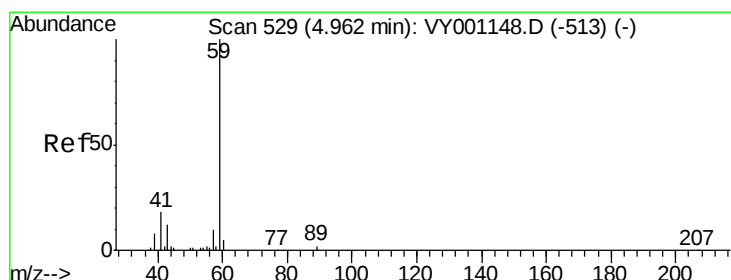
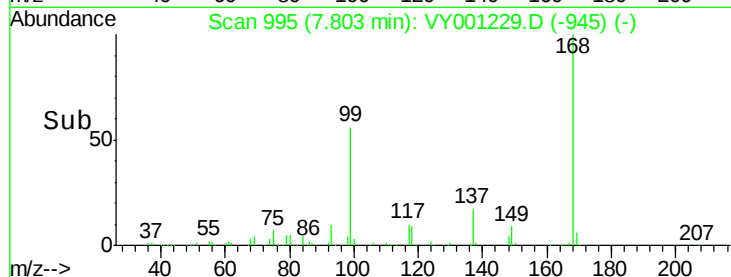
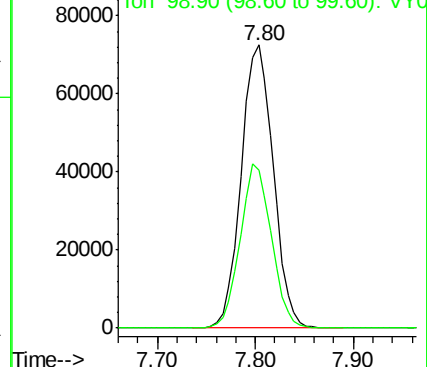
Ion Ratio Lower Upper

168 100

99 55.7 47.9 71.9



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



#11

Tert butyl alcohol

Concen: 8.851 ug/l

RT: 4.97 min Scan# 530

Delta R.T. 0.01 min

Lab File: VY001229.D

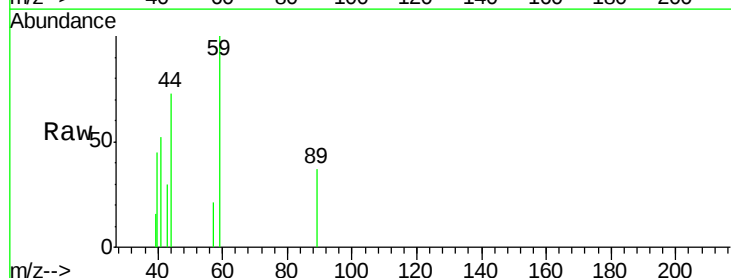
Acq: 15 Jan 2020 19:21

Tgt Ion: 59 Resp: 1555

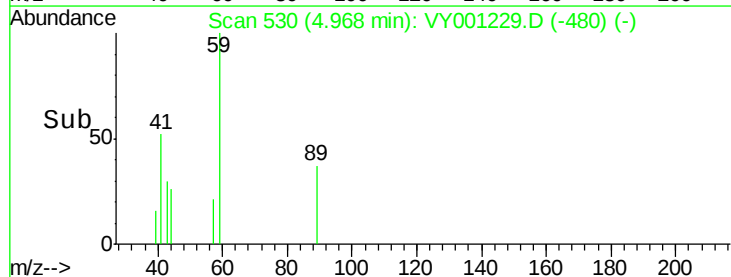
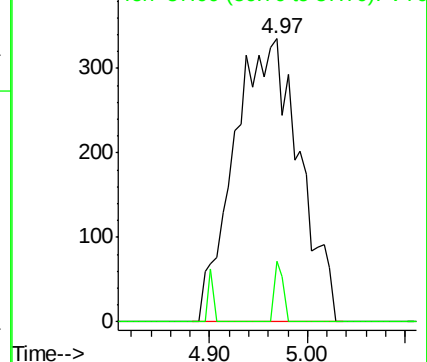
Ion Ratio Lower Upper

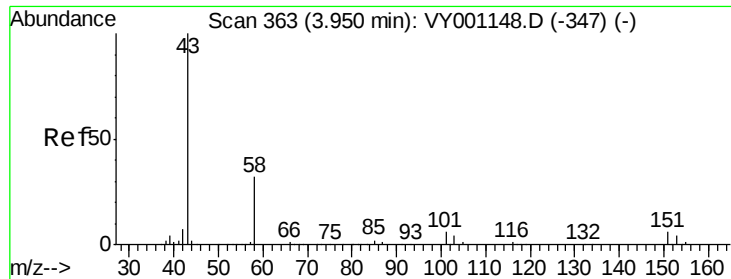
59 100

57 3.0 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VY001148.D (-513) (-)





#16

Acetone

Concen: 54.748 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY001229.D

Acq: 15 Jan 2020 19:21

Instrument :

MSVOA_Y

ClientSampleId :

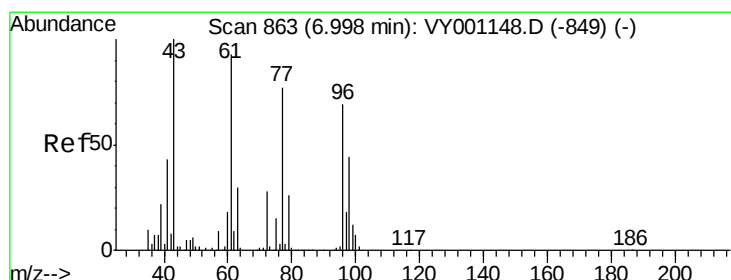
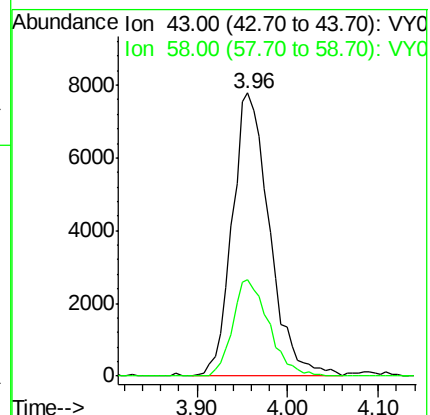
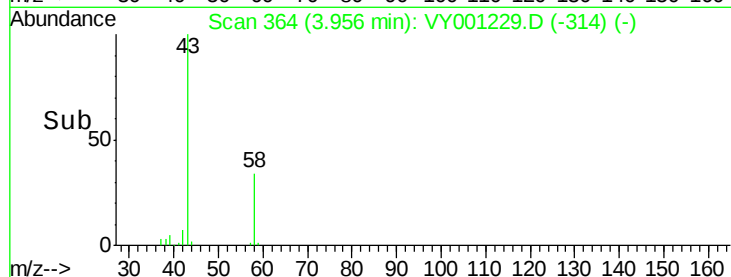
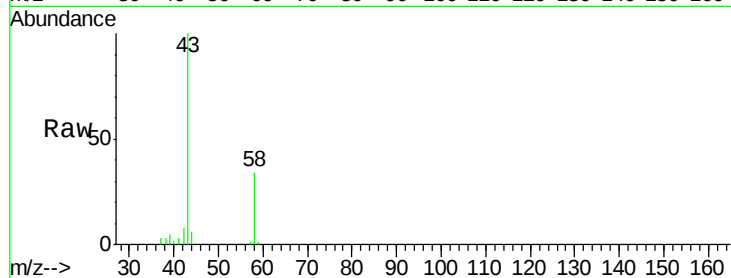
SB-01-5.5-6.0

Tgt Ion: 43 Resp: 22202

Ion Ratio Lower Upper

43 100

58 34.0 25.8 38.6



#25

2-Butanone

Concen: 11.611 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY001229.D

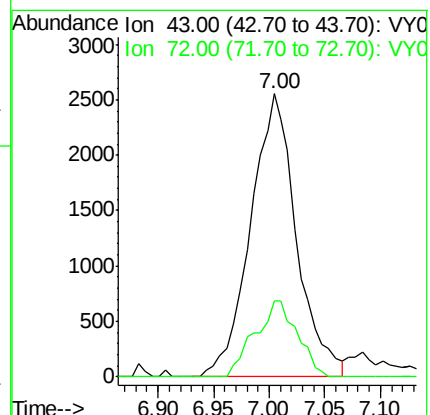
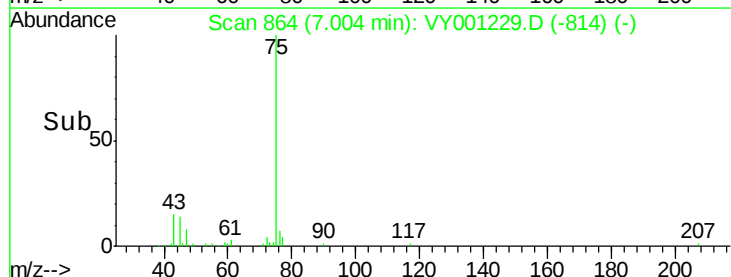
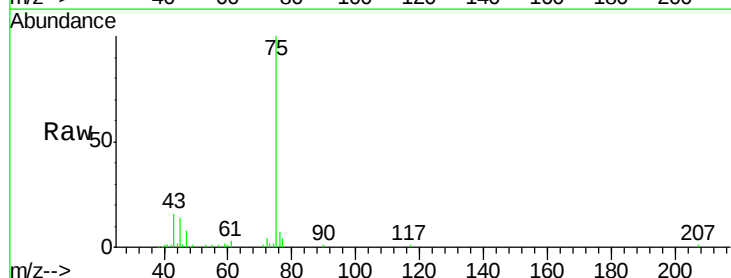
Acq: 15 Jan 2020 19:21

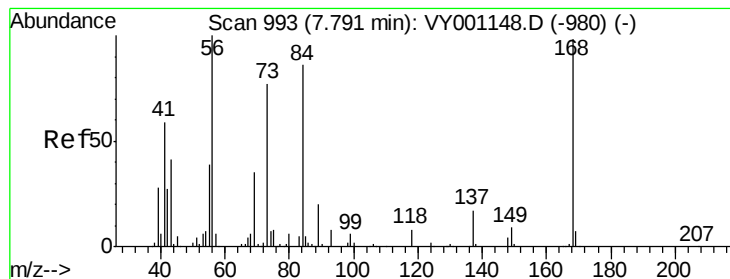
Tgt Ion: 43 Resp: 7328

Ion Ratio Lower Upper

43 100

72 26.8 22.2 33.2





#31

Cyclohexane

Concen: 1.040 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001229.D

Acq: 15 Jan 2020 19:21

Instrument :

MSVOA_Y

ClientSampleId :

SB-01-5.5-6.0

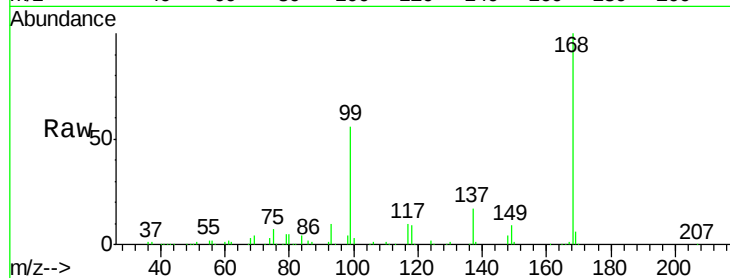
Tgt Ion: 56 Resp: 3513

Ion Ratio Lower Upper

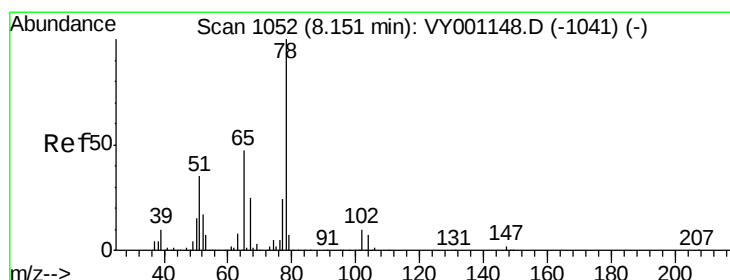
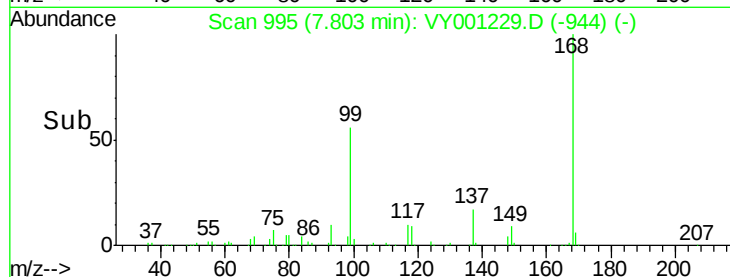
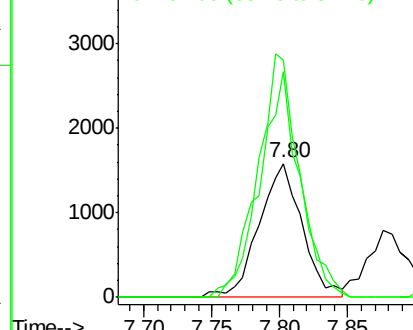
56 100

69 177.3 27.8 41.8#

84 167.8 68.9 103.3#



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 53.599 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY001229.D

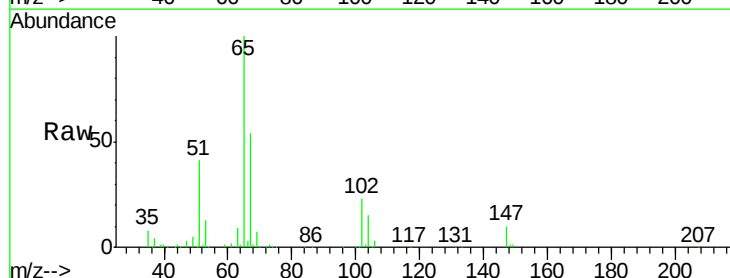
Acq: 15 Jan 2020 19:21

Tgt Ion: 65 Resp: 93592

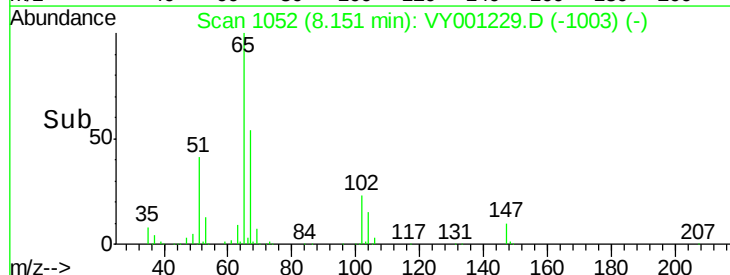
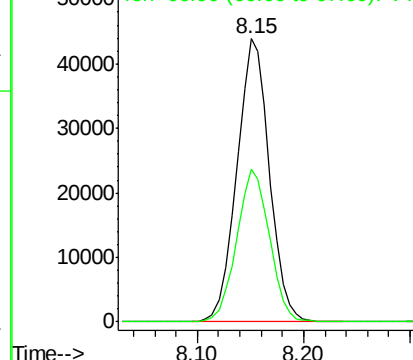
Ion Ratio Lower Upper

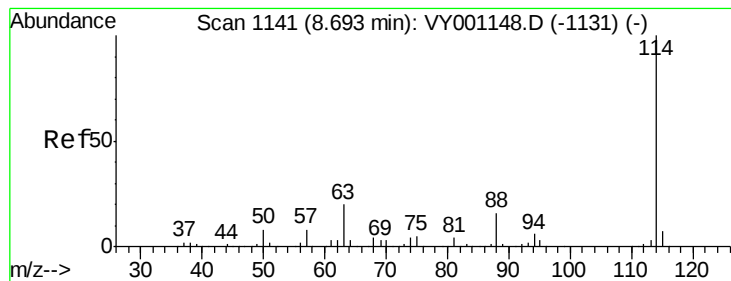
65 100

67 54.5 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: VY001229.D

Acq: 15 Jan 2020 19:21

Instrument :

MSVOA_Y

ClientSampleId :

SB-01-5.5-6.0

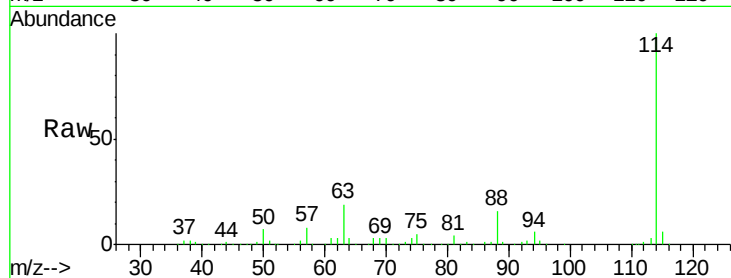
Tgt Ion:114 Resp: 300122

Ion Ratio Lower Upper

114 100

63 18.5 0.0 40.8

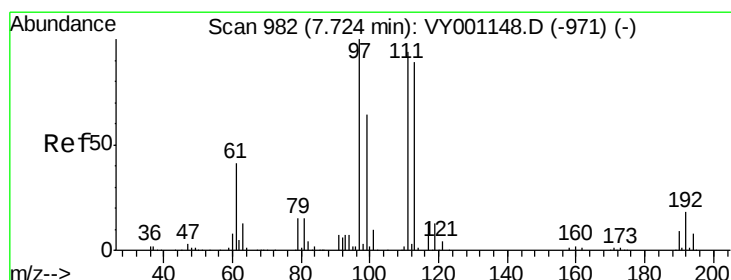
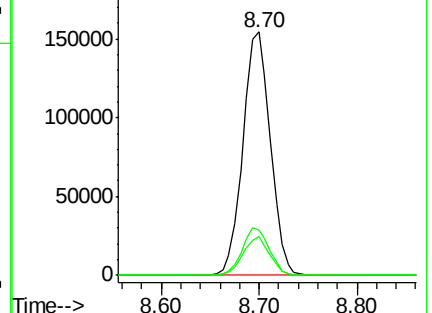
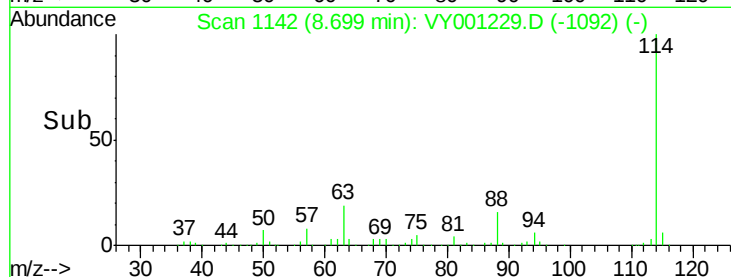
88 16.0 0.0 32.4



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: 50.155 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001229.D

Acq: 15 Jan 2020 19:21

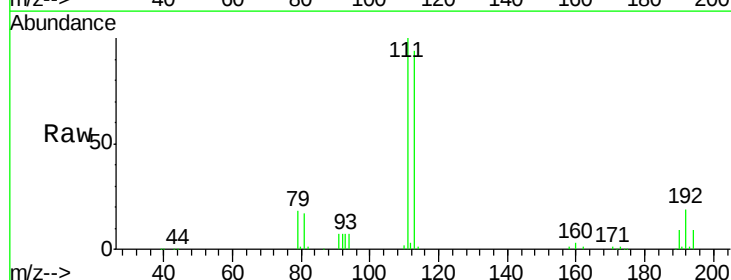
Tgt Ion:113 Resp: 88133

Ion Ratio Lower Upper

113 100

111 103.3 82.9 124.3

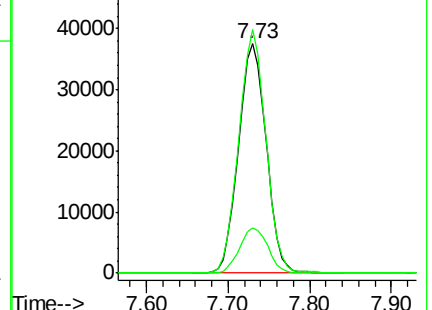
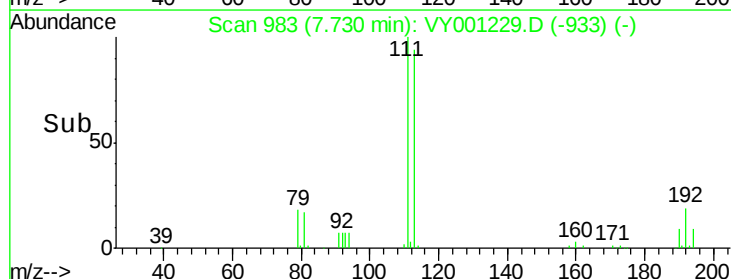
192 20.0 15.4 23.2

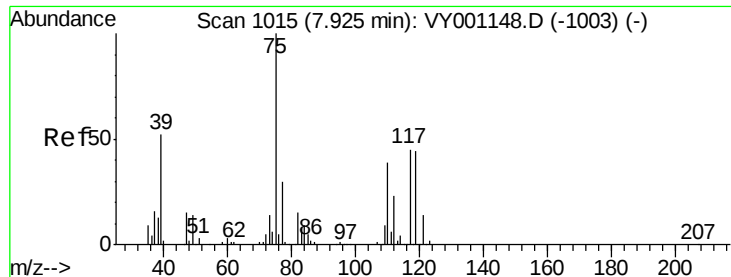


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

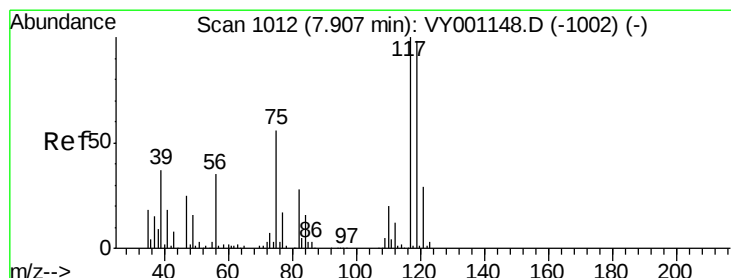
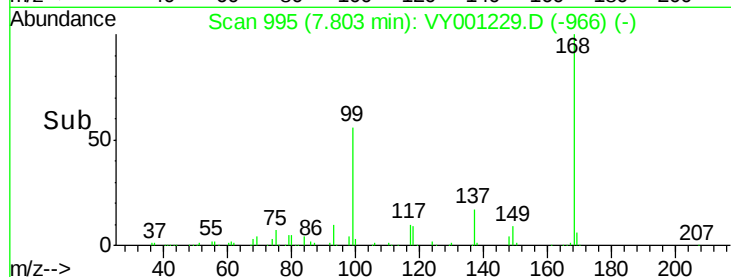
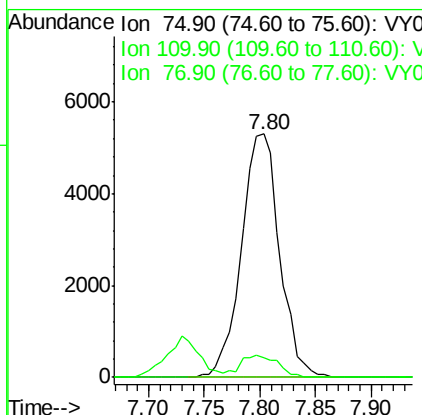
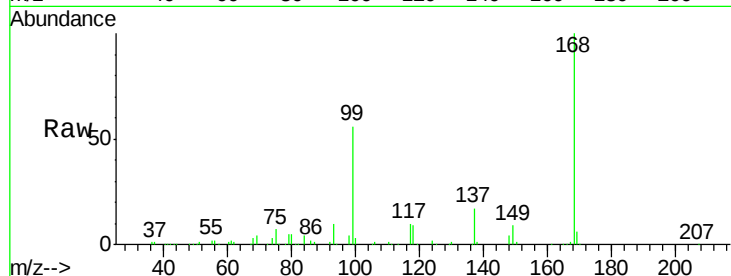




#36
 1,1-Dichloropropene
 Concen: 4.610 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.12 min
 Lab File: VY001229.D
 Acq: 15 Jan 2020 19:21

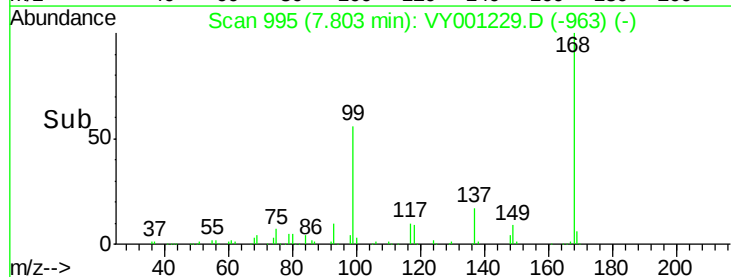
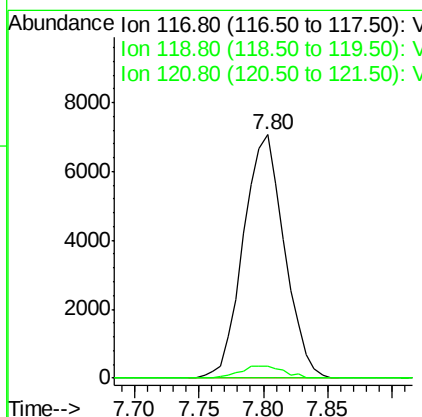
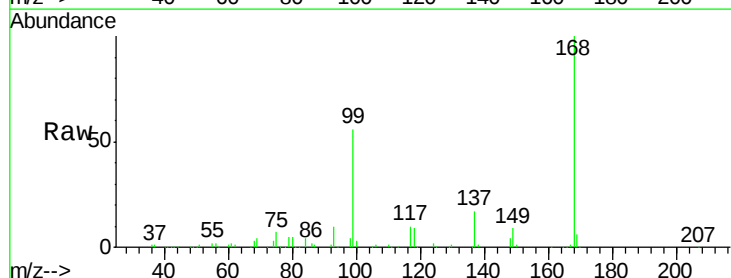
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-5.5-6.0

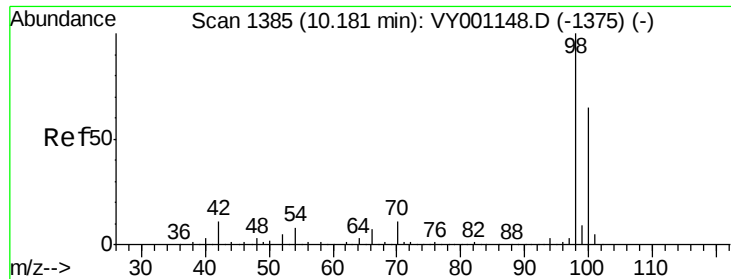
Tgt Ion: 75 Resp: 12609
 Ion Ratio Lower Upper
 75 100
 110 8.9 18.3 54.8#
 77 0.0 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 6.201 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.10 min
 Lab File: VY001229.D
 Acq: 15 Jan 2020 19:21

Tgt Ion: 117 Resp: 15546
 Ion Ratio Lower Upper
 117 100
 119 4.8 78.3 117.5#
 121 0.0 23.5 35.3#





#50

Toluene-d8

Concen: 51.817 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY001229.D

Acq: 15 Jan 2020 19:21

Instrument :

MSVOA_Y

ClientSampleId :

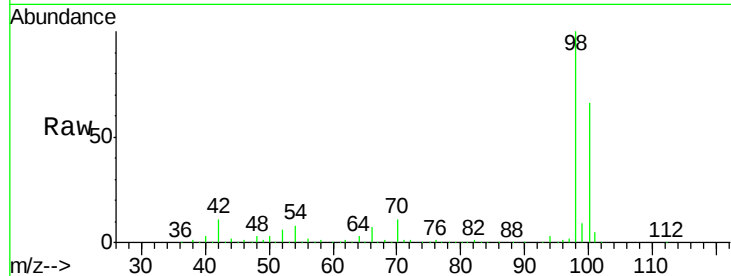
SB-01-5.5-6.0

Tgt Ion: 98 Resp: 350842

Ion Ratio Lower Upper

98 100

100 66.0 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

10.18

250000

200000

150000

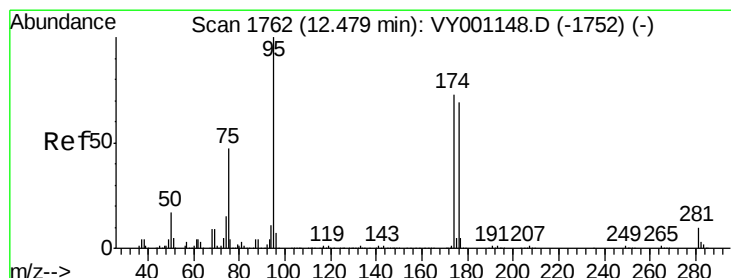
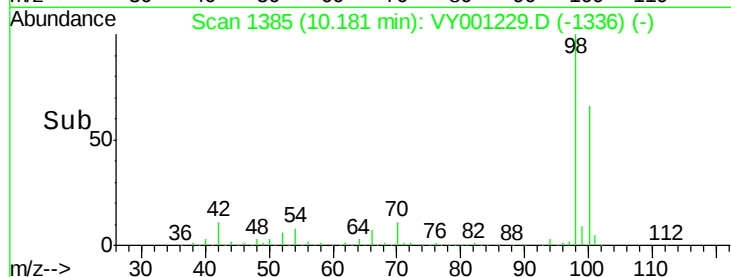
100000

50000

0

Time-->

10.10 10.20 10.30



#62

4-Bromofluorobenzene

Concen: 46.927 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY001229.D

Acq: 15 Jan 2020 19:21

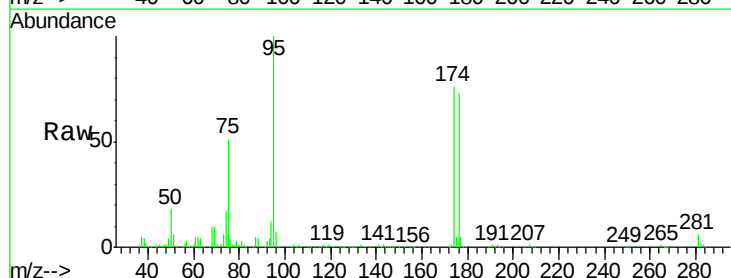
Tgt Ion: 95 Resp: 129899

Ion Ratio Lower Upper

95 100

174 76.7 0.0 143.2

176 73.7 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

12.48

100000

80000

60000

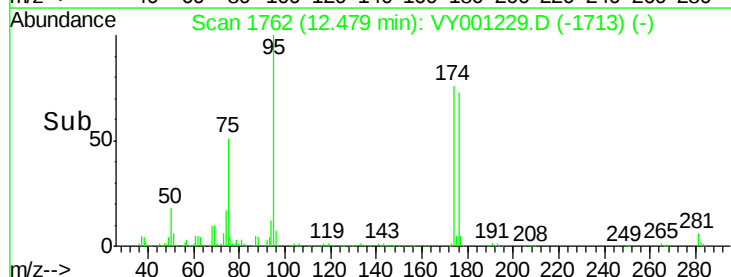
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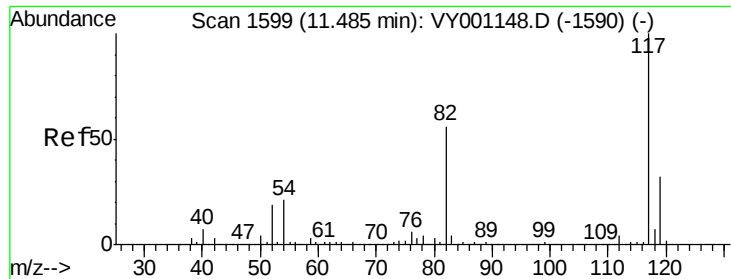
20000

0

Time-->

12.40 12.50

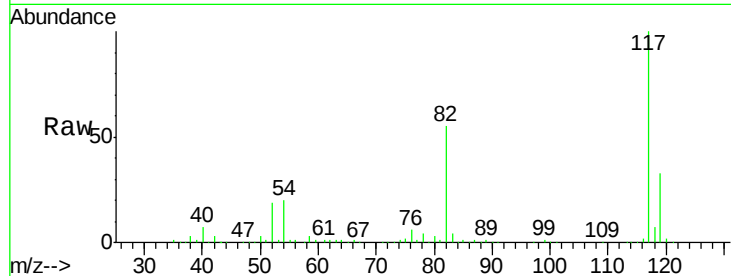




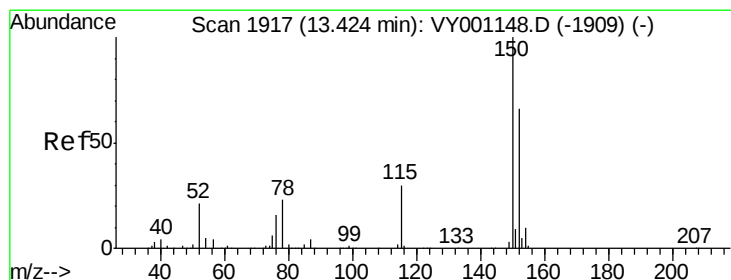
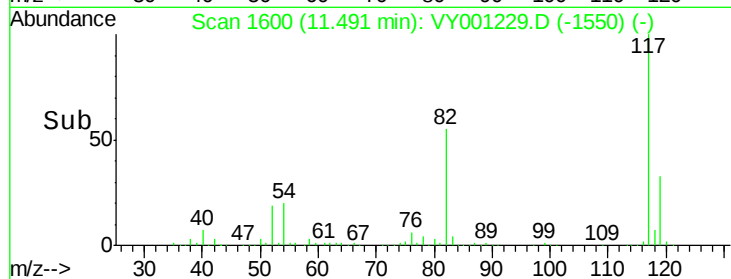
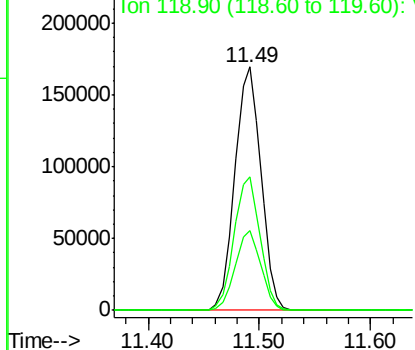
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001229.D
Acq: 15 Jan 2020 19:21

Instrument :
MSVOA_Y
ClientSampleId :
SB-01-5.5-6.0

Tgt Ion:117 Resp: 274860
Ion Ratio Lower Upper
117 100
82 55.0 44.9 67.3
119 32.7 25.7 38.5

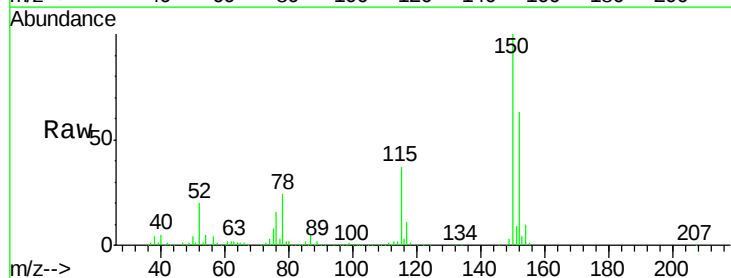


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

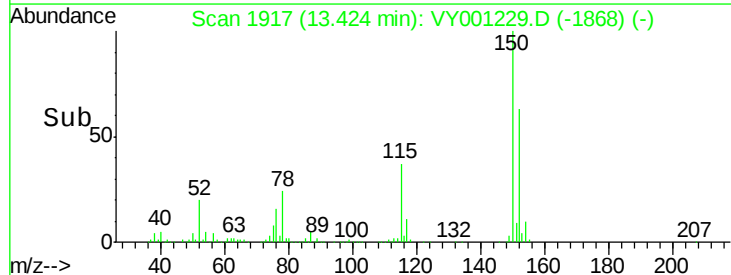
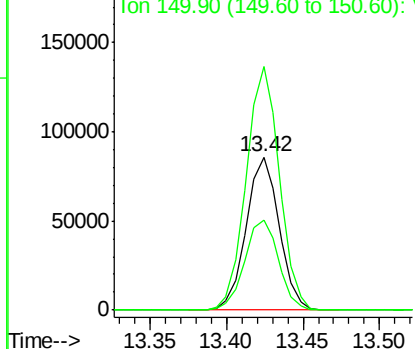


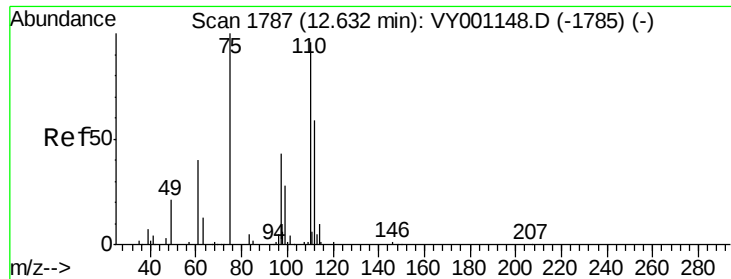
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY001229.D
Acq: 15 Jan 2020 19:21

Tgt Ion:152 Resp: 128951
Ion Ratio Lower Upper
152 100
115 60.2 30.9 92.5
150 159.5 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





#76

1,2,3-Trichloropropane

Concen: 46.464 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY001229.D

Acq: 15 Jan 2020 19:21

Instrument :

MSVOA_Y

ClientSampleId :

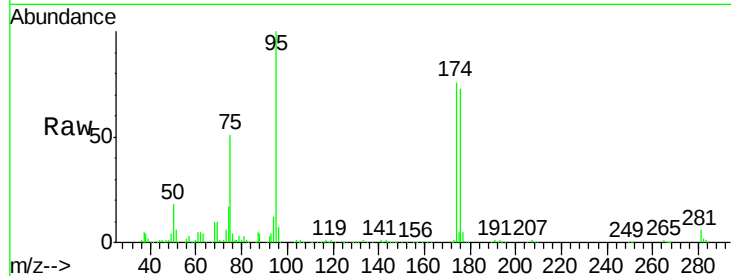
SB-01-5.5-6.0

Tgt Ion: 75 Resp: 64141

Ion Ratio Lower Upper

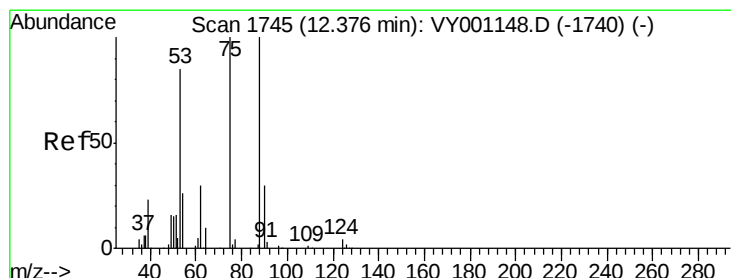
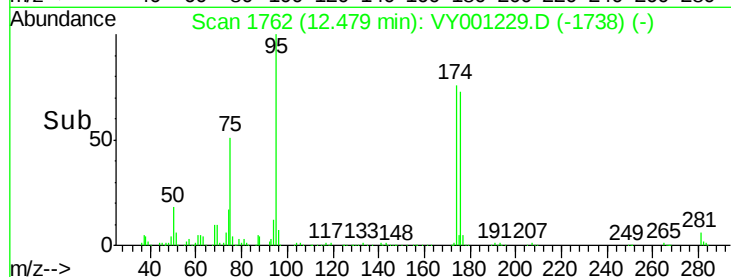
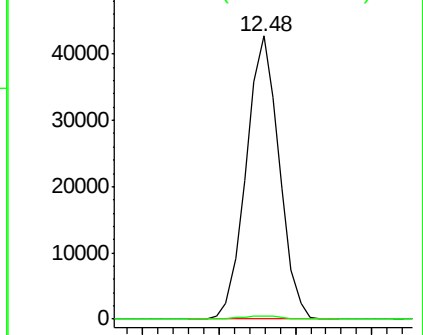
75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0



#81

trans-1,4-Dichloro-2-butene

Concen: 78.794 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY001229.D

Acq: 15 Jan 2020 19:21

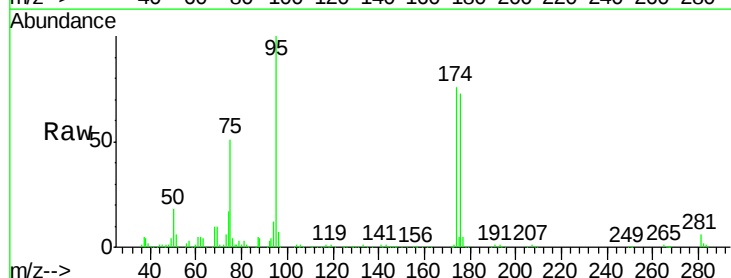
Tgt Ion: 75 Resp: 64141

Ion Ratio Lower Upper

75 100

53 0.0 69.4 104.2#

89 0.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

