

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011320\
 Data File : VY001169.D
 Acq On : 13 Jan 2020 10:39
 Operator : SY/MD
 Sample : VY0113SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0113SBL01

Quant Time: Jan 14 10:09:34 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	159808	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	292653	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	268320	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	124061	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	92264	54.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.32%	
35) Dibromofluoromethane	7.73	113	87866	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	
50) Toluene-d8	10.18	98	348320	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	
62) 4-Bromofluorobenzene	12.48	95	131636	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	

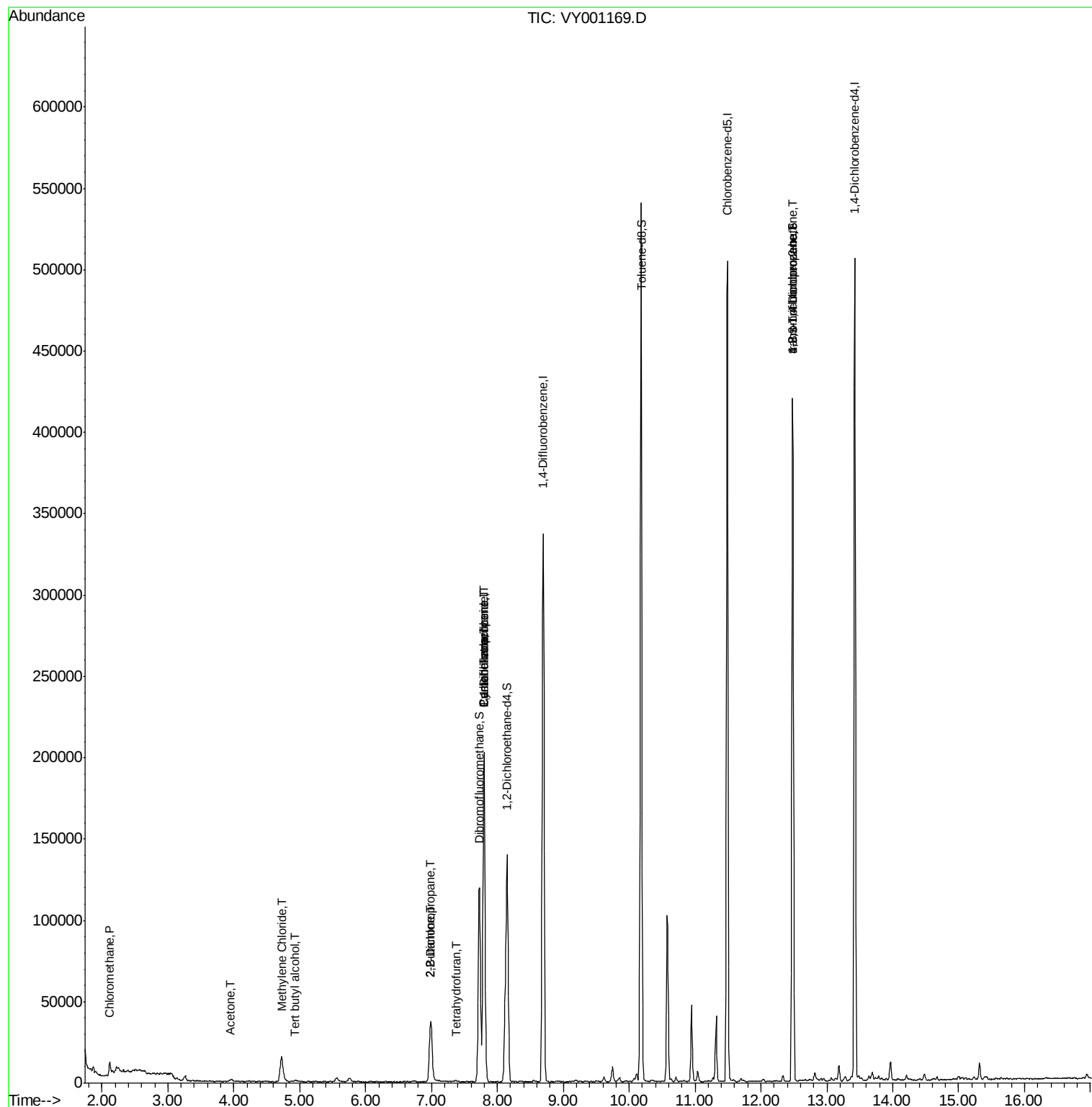
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.12	50	5437	3.073	ug/l	95
11) Tert butyl alcohol	4.93	59	567	3.339	ug/l #	63
16) Acetone	3.96	43	2649	6.758	ug/l	98
20) Methylene Chloride	4.72	84	11823	1.067	ug/l	95
25) 2-Butanone	6.98	43	2119	3.473	ug/l #	47
26) 2,2-Dichloropropane	6.99	77	2924	1.031	ug/l #	52
29) Tetrahydrofuran	7.36	42	759	1.815	ug/l #	65
31) Cyclohexane	7.80	56	3538	1.084	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	12175	4.564	ug/l #	49
38) Carbon Tetrachloride	7.80	117	15088	6.172	ug/l #	14
76) 1,2,3-Trichloropropane	12.48	75	62945	47.395	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	62945	80.372	ug/l #	6

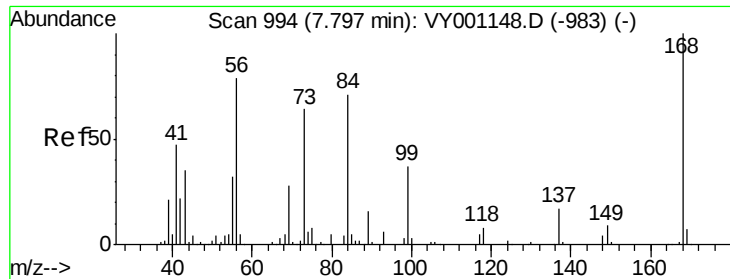
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY011320\
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Quant Title : SW846 8260
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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: VY001169.D

Acq: 13 Jan 2020 10:39

Instrument :

MSVOA_Y

ClientSampleId :

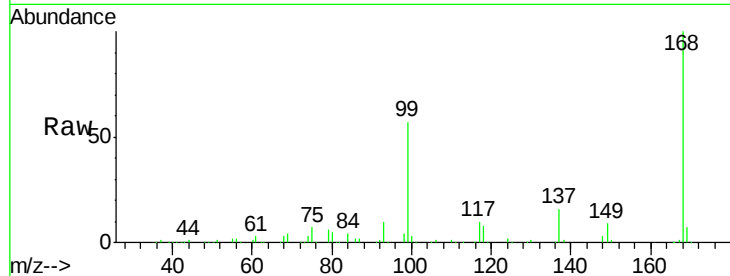
VY0113SBL01

Tgt Ion:168 Resp: 159808

Ion Ratio Lower Upper

168 100

99 57.2 47.9 71.9



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

Ion 98.90 (98.60 to 99.60): VY001148.D (-983) (-)

7.80

60000

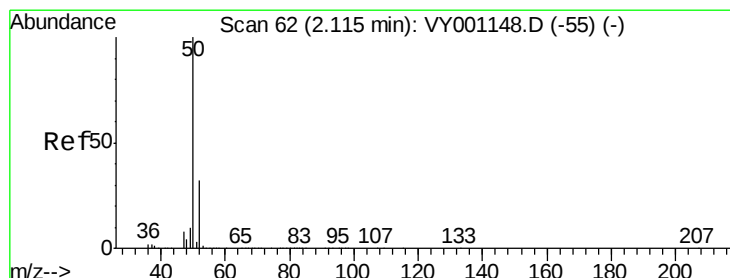
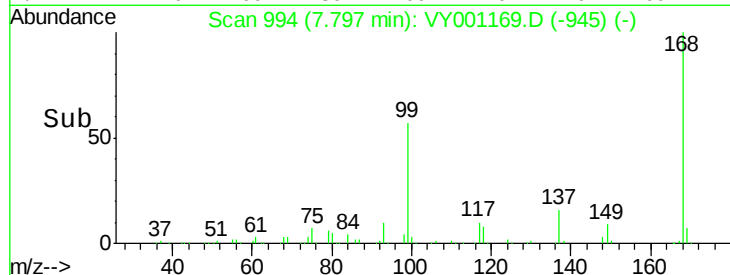
40000

20000

0

7.70 7.80 7.90

Time-->



#3

Chloromethane

Concen: 3.073 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY001169.D

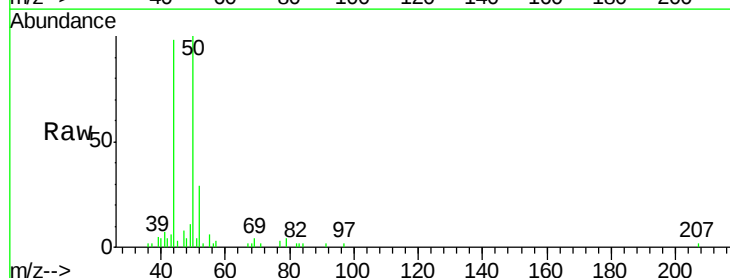
Acq: 13 Jan 2020 10:39

Tgt Ion: 50 Resp: 5437

Ion Ratio Lower Upper

50 100

52 29.4 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY001148.D (-55) (-)

Ion 51.90 (51.60 to 52.60): VY001148.D (-55) (-)

2.12

4000

3000

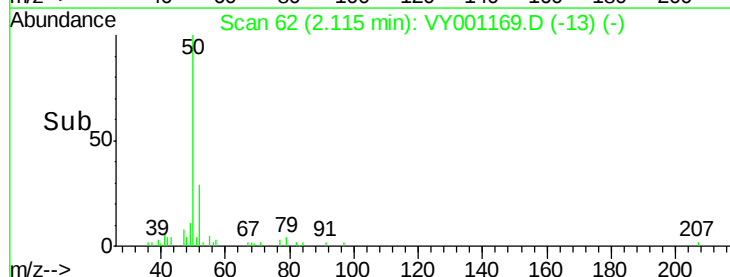
2000

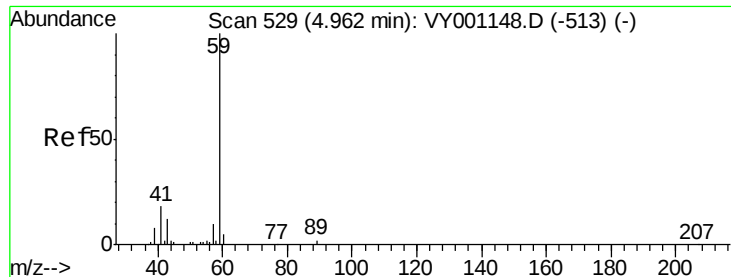
1000

0

2.05 2.10 2.15 2.20

Time-->

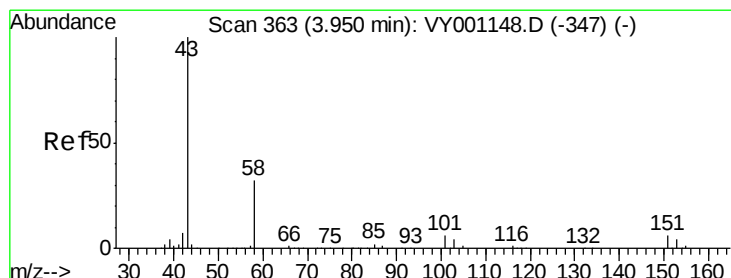
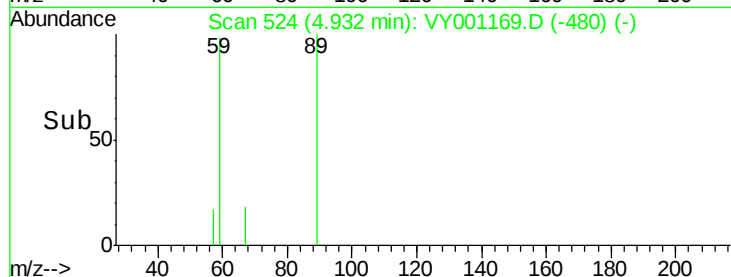
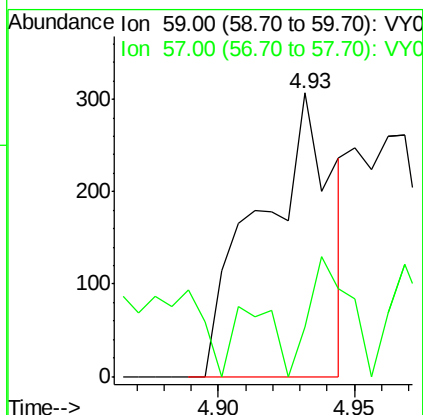
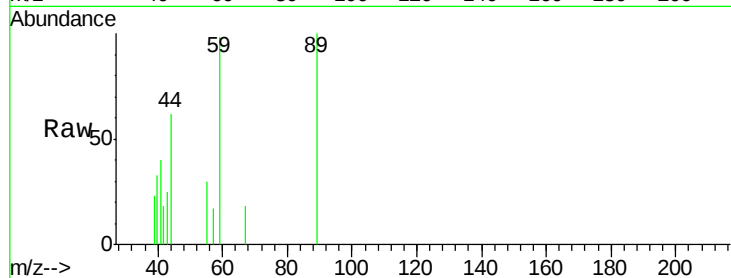




#11
Tert butyl alcohol
Concen: 3.339 ug/l
RT: 4.93 min Scan# 524
Delta R.T. -0.03 min
Lab File: VY001169.D
Acq: 13 Jan 2020 10:39

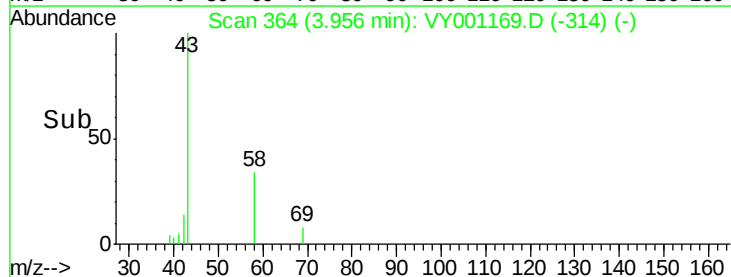
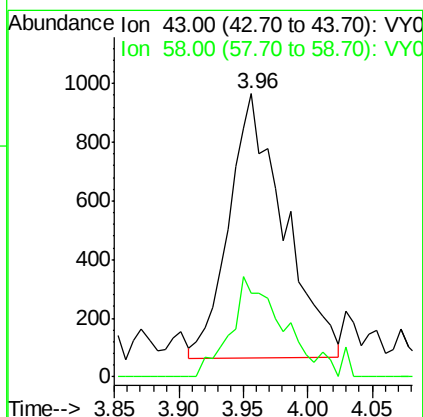
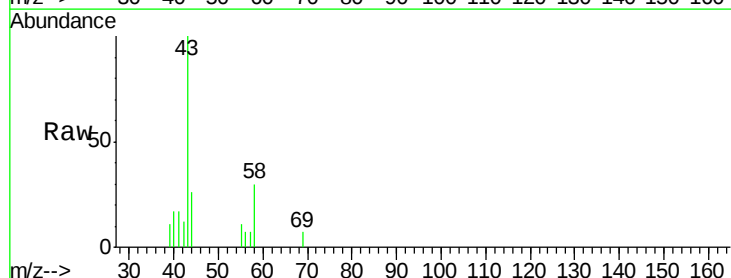
Instrument :
MSVOA_Y
ClientSampleId :
VY0113SBL01

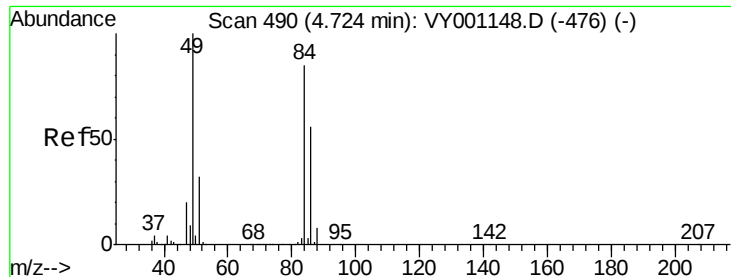
Tgt Ion: 59 Resp: 567
Ion Ratio Lower Upper
59 100
57 23.3 7.8 11.8#



#16
Acetone
Concen: 6.758 ug/l
RT: 3.96 min Scan# 364
Delta R.T. 0.01 min
Lab File: VY001169.D
Acq: 13 Jan 2020 10:39

Tgt Ion: 43 Resp: 2649
Ion Ratio Lower Upper
43 100
58 33.1 25.8 38.6

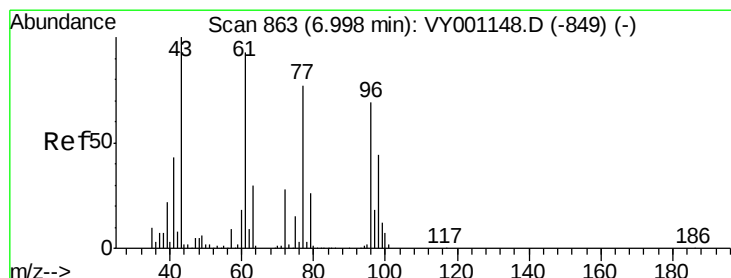
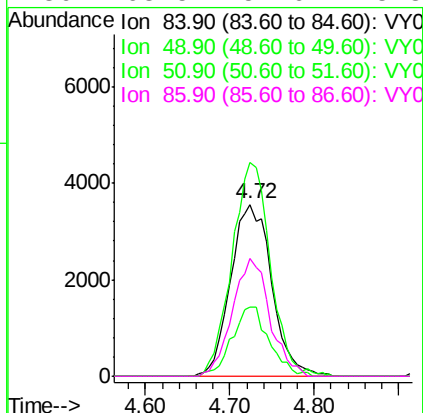
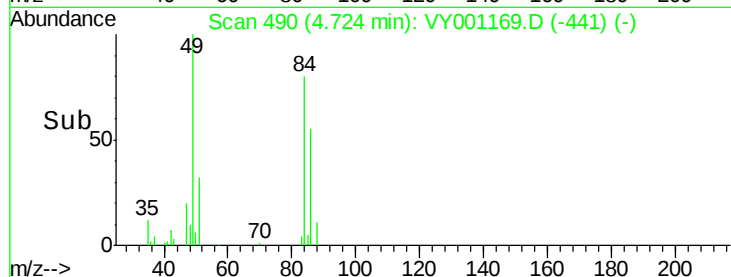
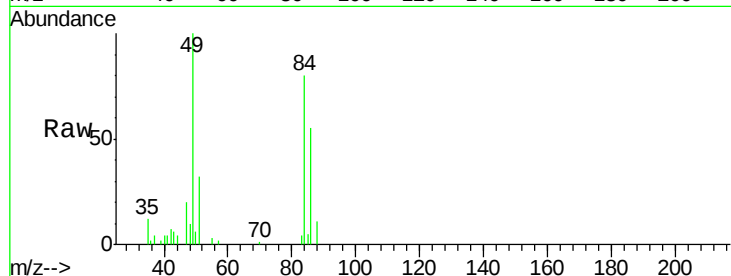




#20
Methylene Chloride
Concen: 1.067 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY001169.D
Acq: 13 Jan 2020 10:39

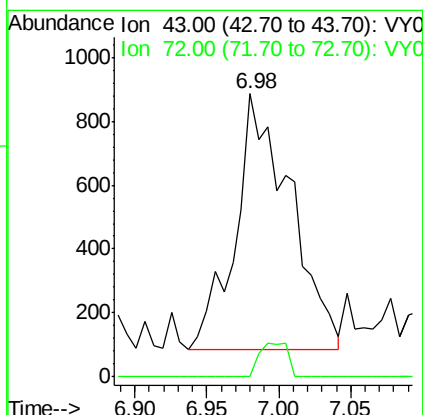
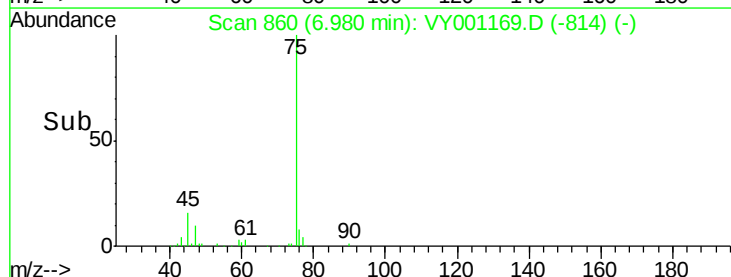
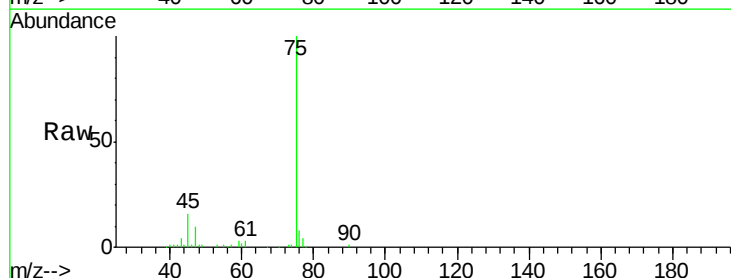
Instrument :
MSVOA_Y
ClientSampleId :
VY0113SBL01

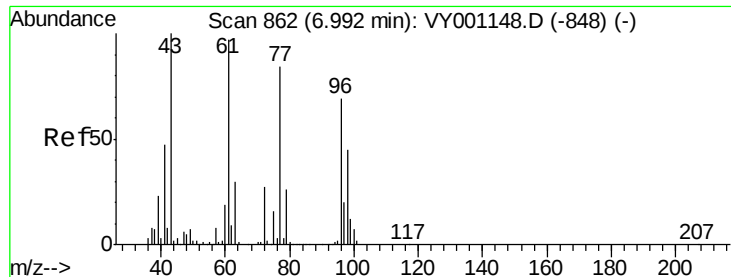
Tgt Ion: 84 Resp: 11823
Ion Ratio Lower Upper
84 100
49 124.3 93.8 140.6
51 40.1 29.9 44.9
86 68.5 52.6 78.8



#25
2-Butanone
Concen: 3.473 ug/l
RT: 6.98 min Scan# 860
Delta R.T. -0.02 min
Lab File: VY001169.D
Acq: 13 Jan 2020 10:39

Tgt Ion: 43 Resp: 2119
Ion Ratio Lower Upper
43 100
72 0.0 22.2 33.2#





#26

2,2-Dichloropropane

Concen: 1.031 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY001169.D

Acq: 13 Jan 2020 10:39

Instrument :

MSVOA_Y

ClientSampleId :

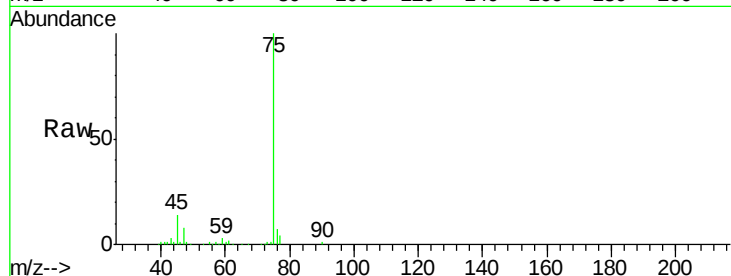
VY0113SBL01

Tgt Ion: 77 Resp: 2924

Ion Ratio Lower Upper

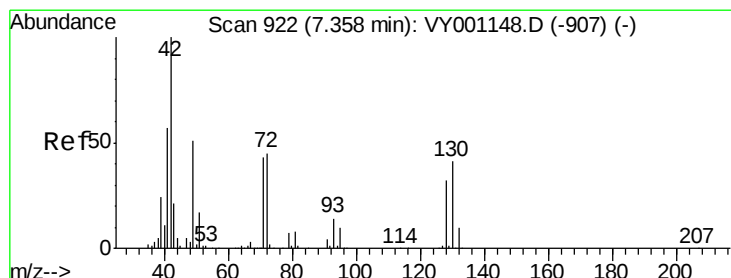
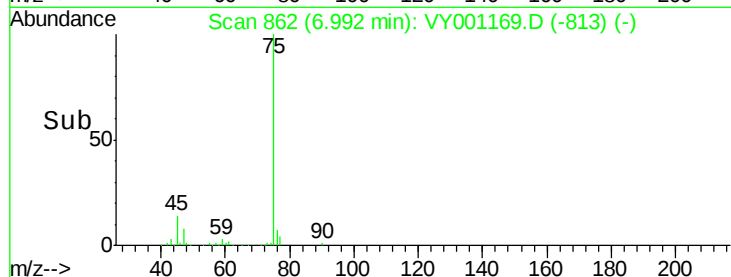
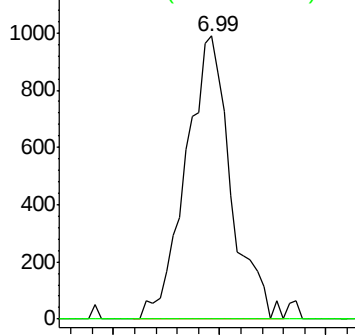
77 100

97 0.0 11.9 35.7#



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



#29

Tetrahydrofuran

Concen: 1.815 ug/l

RT: 7.36 min Scan# 923

Delta R.T. 0.01 min

Lab File: VY001169.D

Acq: 13 Jan 2020 10:39

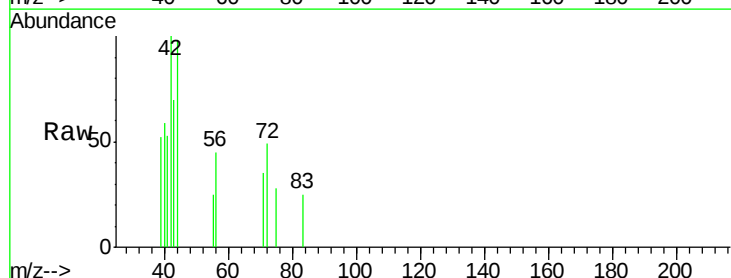
Tgt Ion: 42 Resp: 759

Ion Ratio Lower Upper

42 100

72 12.9 36.9 55.3#

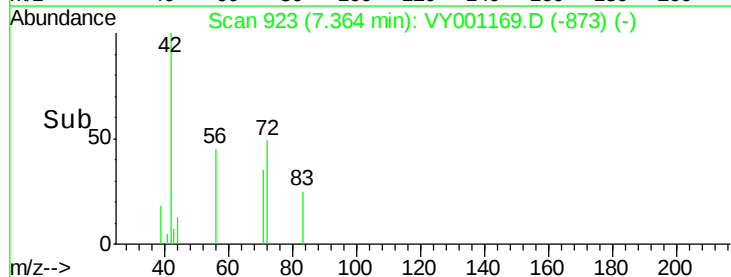
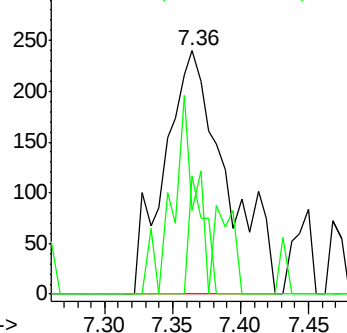
71 30.7 34.0 51.0#

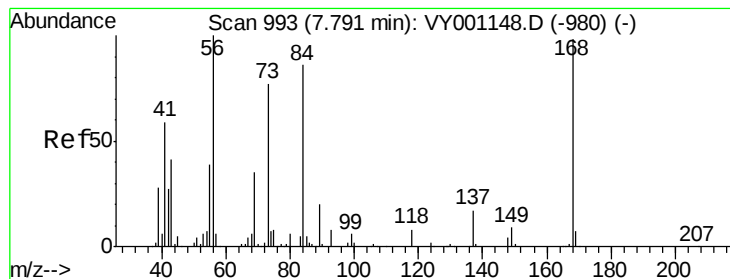


Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0





#31

Cyclohexane

Concen: 1.084 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY001169.D

Acq: 13 Jan 2020 10:39

Instrument :

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ClientSampleId :

VY0113SBL01

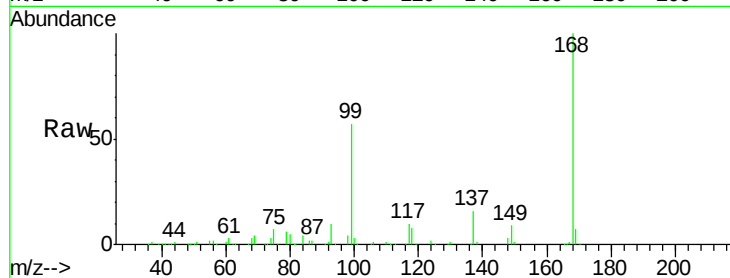
Tgt Ion: 56 Resp: 3538

Ion Ratio Lower Upper

56 100

69 160.5 27.8 41.8#

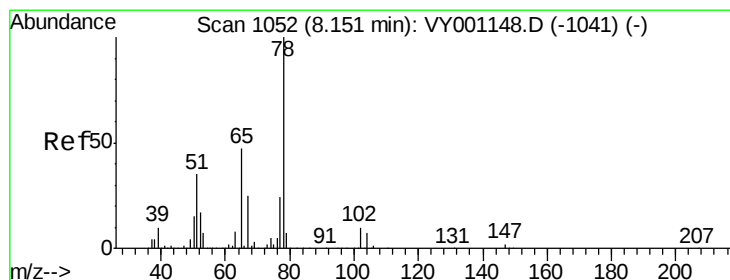
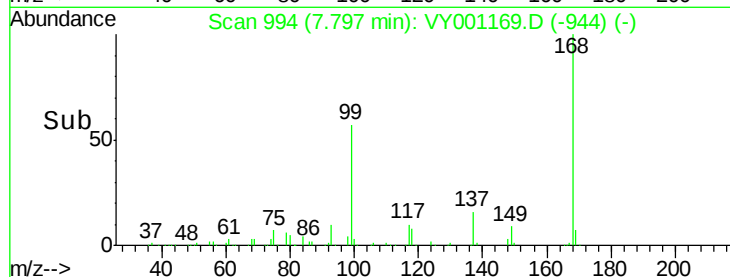
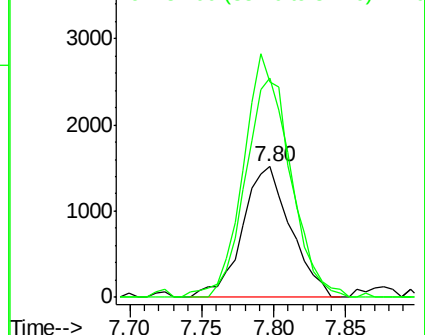
84 168.2 68.9 103.3#



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: 54.664 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY001169.D

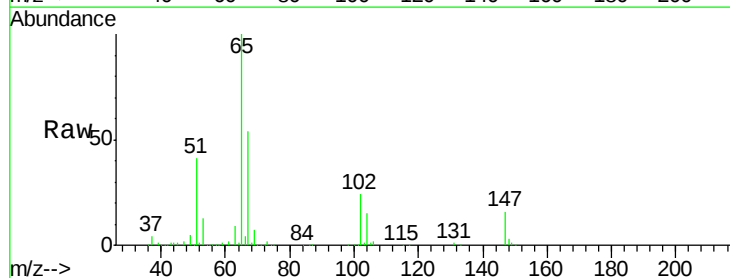
Acq: 13 Jan 2020 10:39

Tgt Ion: 65 Resp: 92264

Ion Ratio Lower Upper

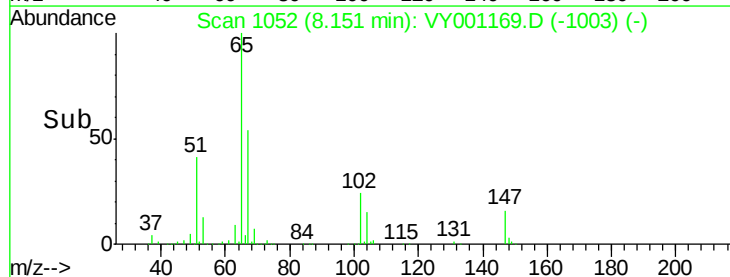
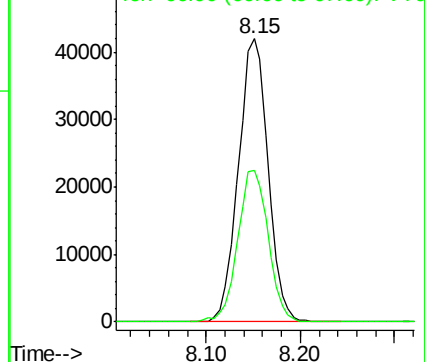
65 100

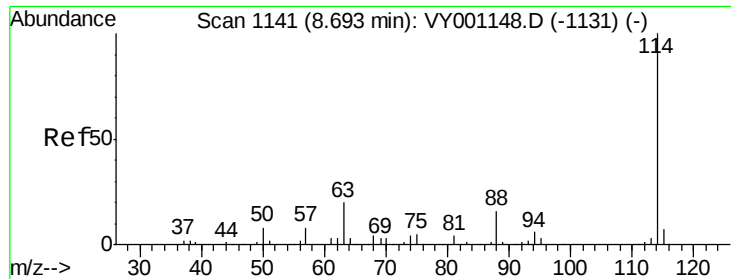
67 55.1 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

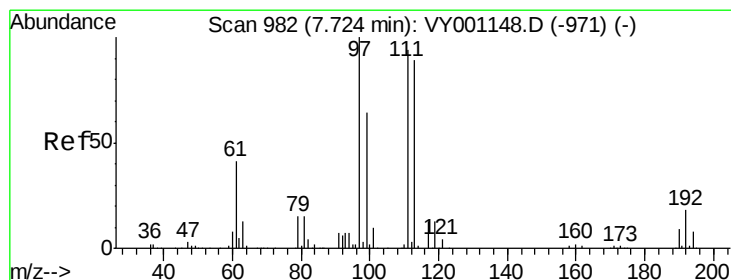
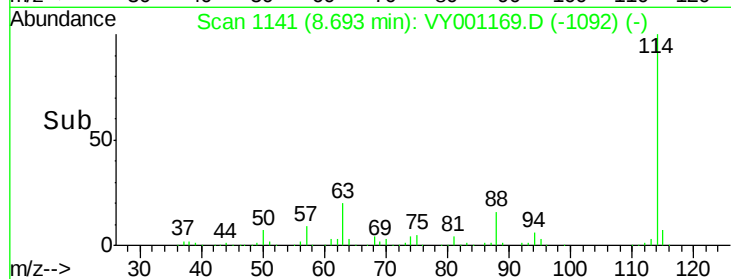
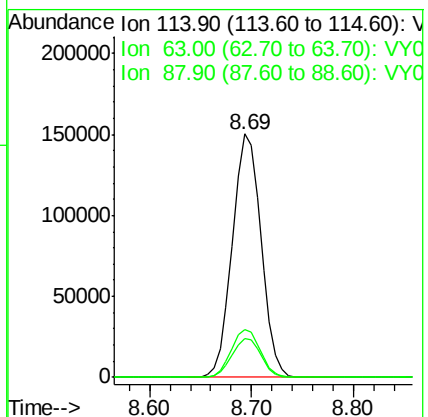
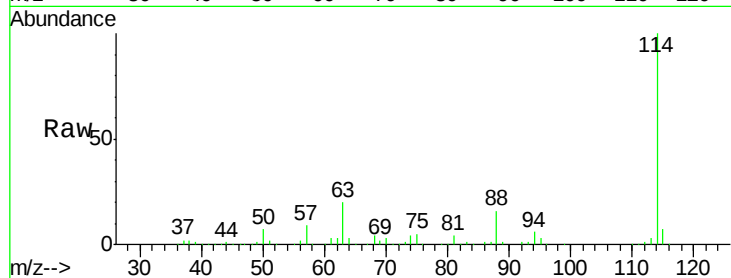




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY001169.D
 Acq: 13 Jan 2020 10:39

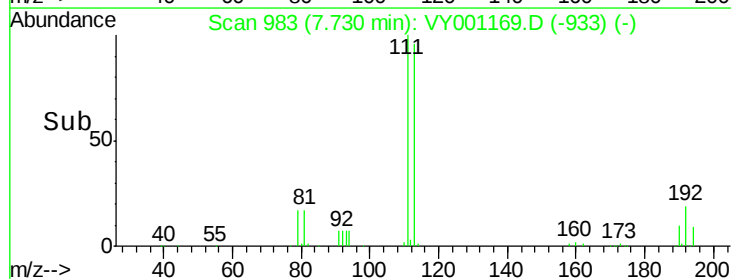
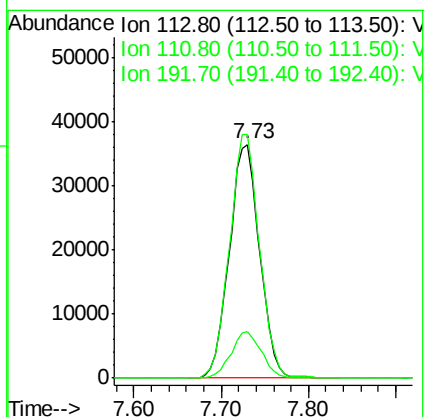
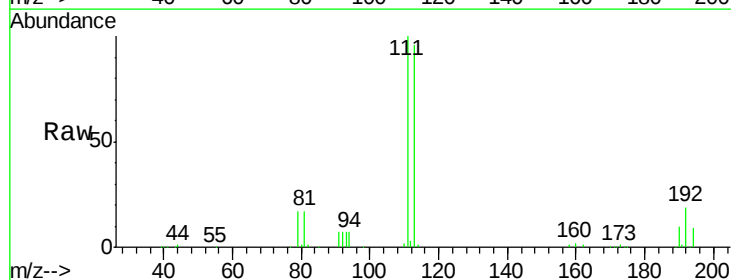
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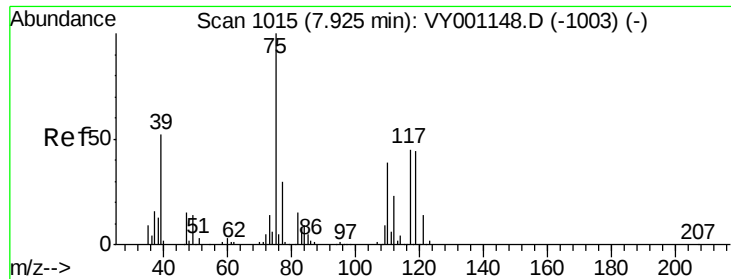
Tgt Ion:114 Resp: 292653
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.8
 88 15.9 0.0 32.4



#35
 Dibromofluoromethane
 Concen: 51.279 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VY001169.D
 Acq: 13 Jan 2020 10:39

Tgt Ion:113 Resp: 87866
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.9 124.3
 192 19.8 15.4 23.2

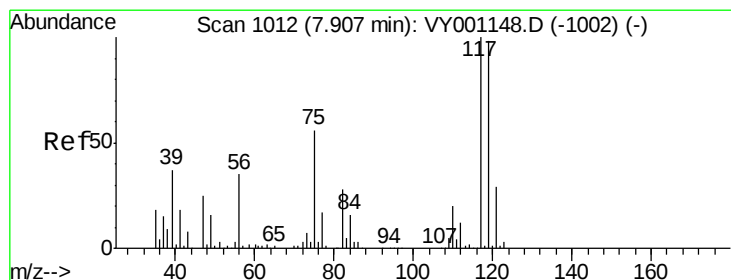
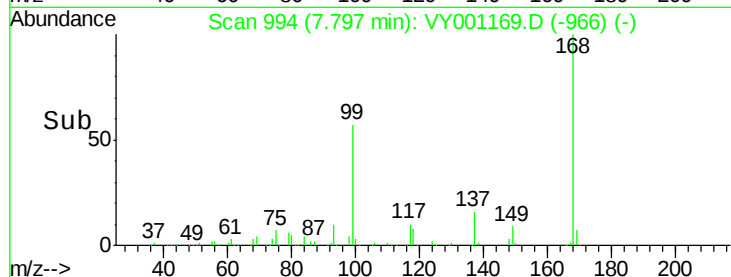
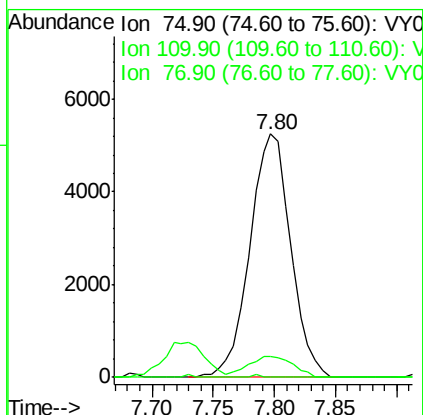
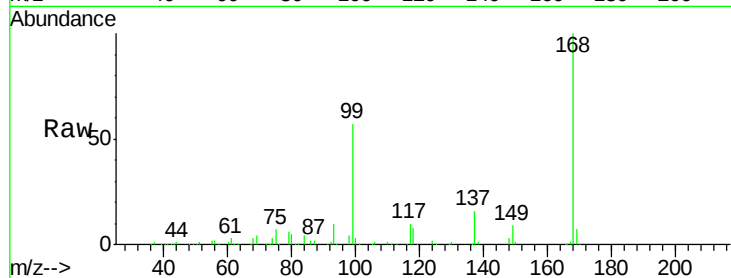




#36
 1,1-Dichloropropene
 Concen: 4.564 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY001169.D
 Acq: 13 Jan 2020 10:39

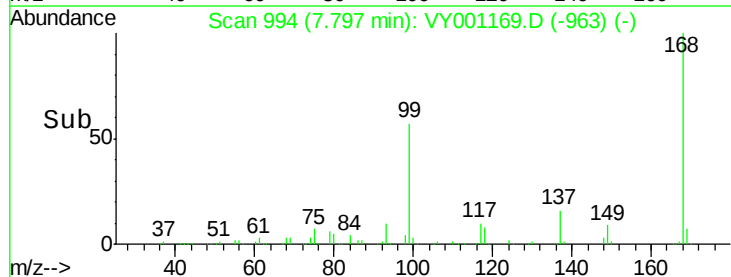
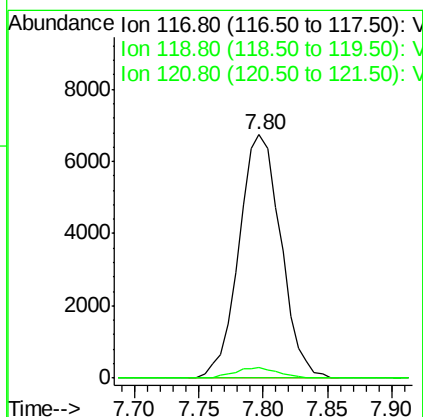
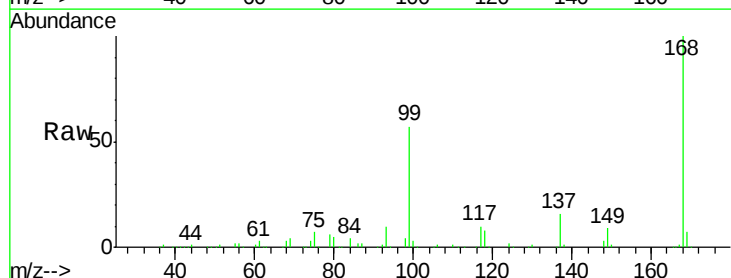
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0113SBL01

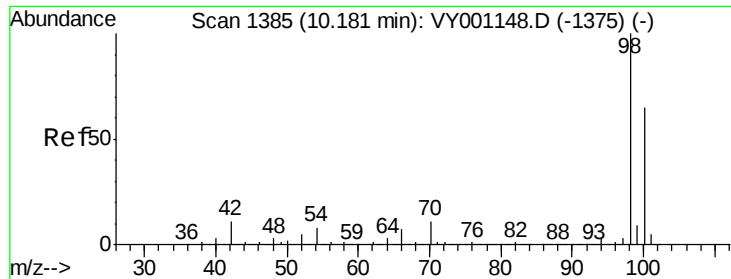
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.3	54.8#
77	0.2	25.1	37.7#



#38
 Carbon Tetrachloride
 Concen: 6.172 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.11 min
 Lab File: VY001169.D
 Acq: 13 Jan 2020 10:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.1	78.3	117.5#
121	0.0	23.5	35.3#





#50

Toluene-d8

Concen: 52.757 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001169.D

Acq: 13 Jan 2020 10:39

Instrument :

MSVOA_Y

ClientSampleId :

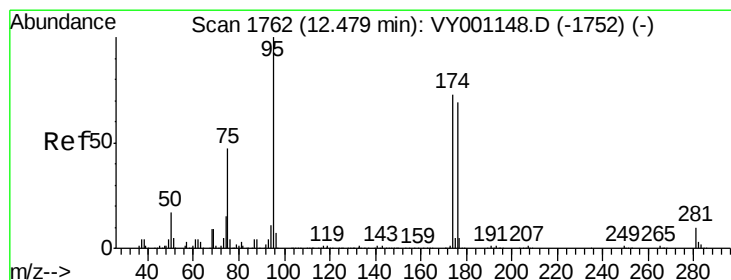
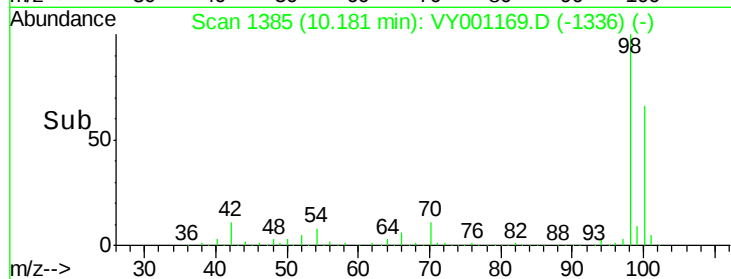
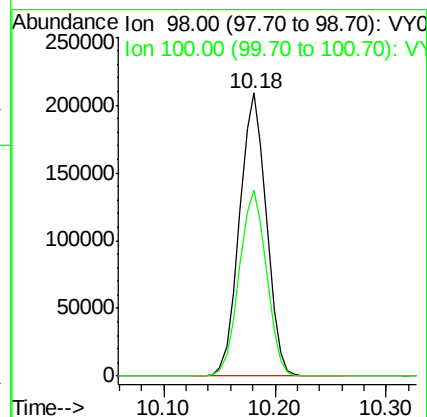
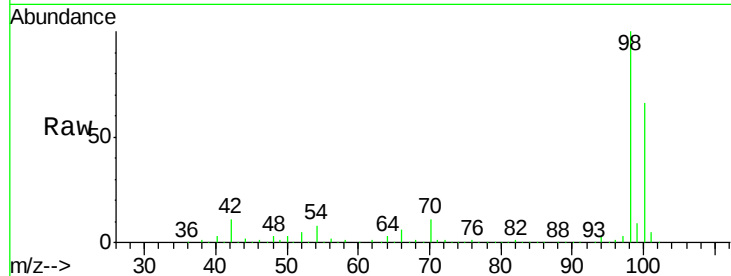
VY0113SBL01

Tgt Ion: 98 Resp: 348320

Ion Ratio Lower Upper

98 100

100 66.6 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 48.768 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY001169.D

Acq: 13 Jan 2020 10:39

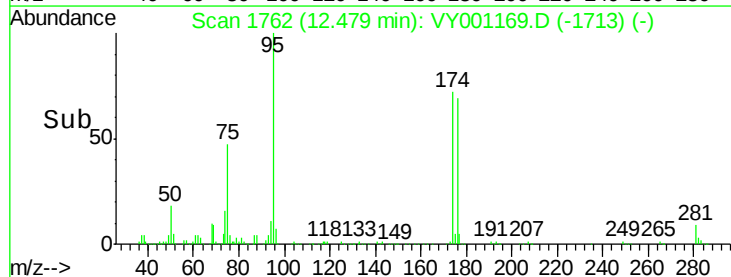
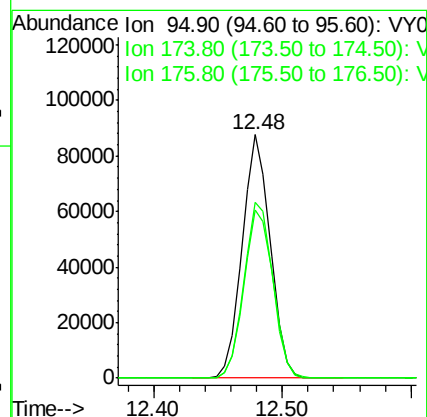
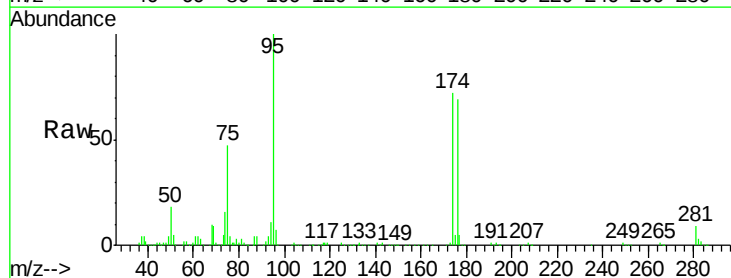
Tgt Ion: 95 Resp: 131636

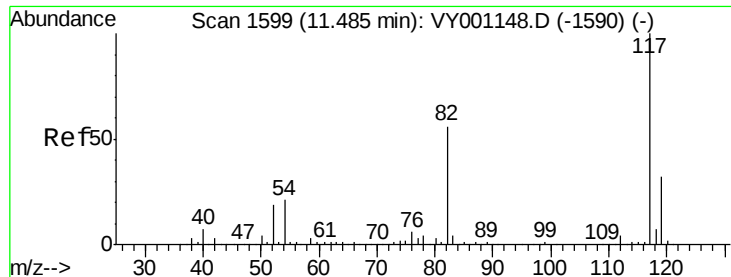
Ion Ratio Lower Upper

95 100

174 74.0 0.0 143.2

176 71.2 0.0 136.0

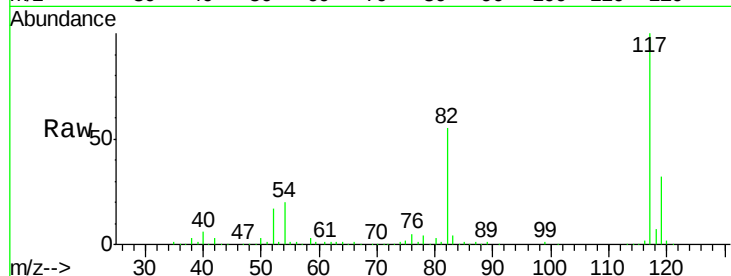




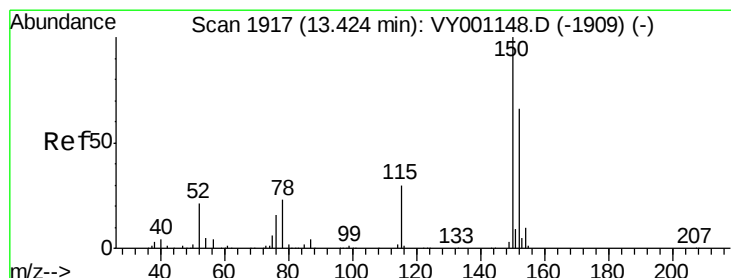
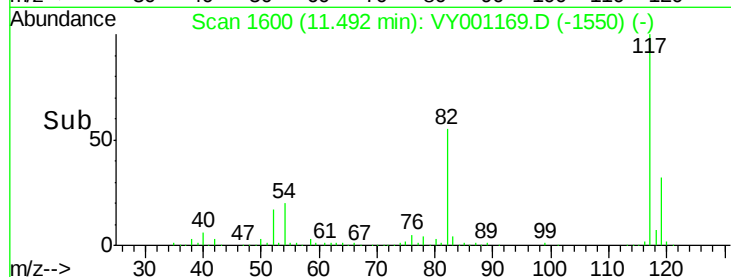
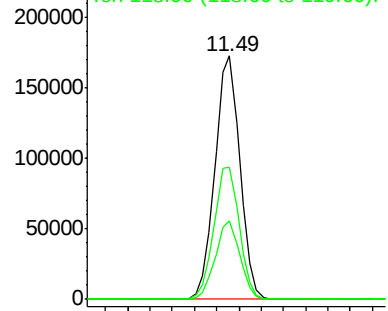
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001169.D
Acq: 13 Jan 2020 10:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0113SBL01

Tgt Ion:117 Resp: 268320
Ion Ratio Lower Upper
117 100
82 54.5 44.9 67.3
119 32.5 25.7 38.5

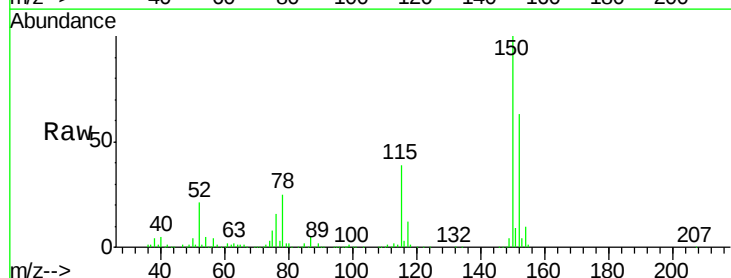


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

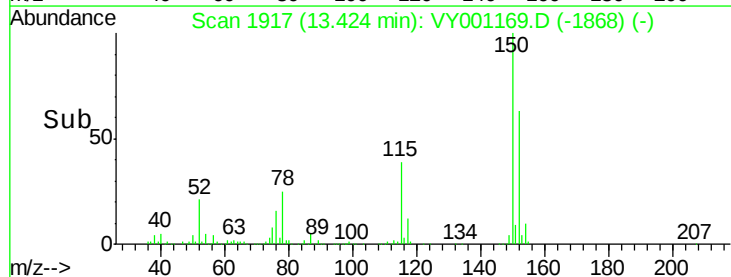
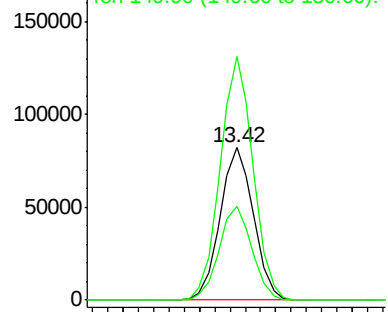


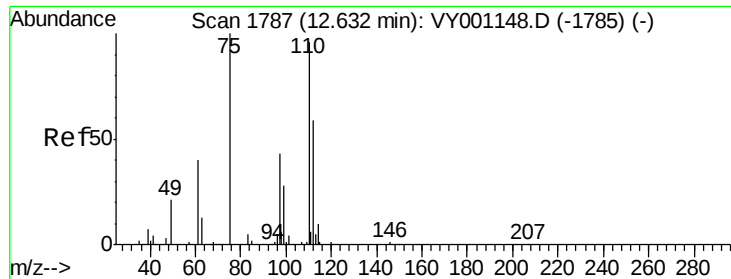
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY001169.D
Acq: 13 Jan 2020 10:39

Tgt Ion:152 Resp: 124061
Ion Ratio Lower Upper
152 100
115 60.6 30.9 92.5
150 157.3 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: 47.395 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY001169.D

Acq: 13 Jan 2020 10:39

Instrument :

MSVOA_Y

ClientSampleId :

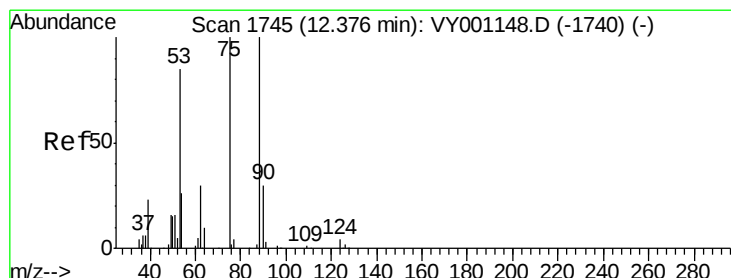
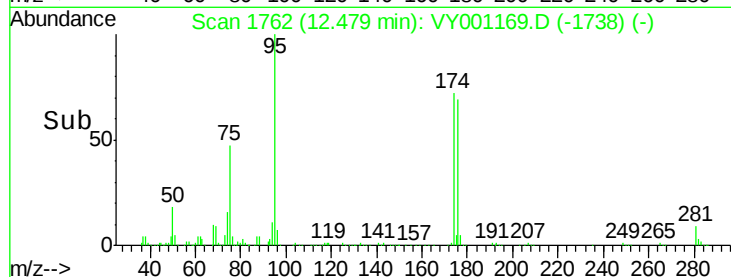
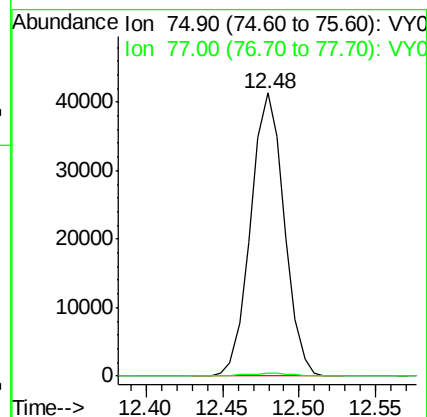
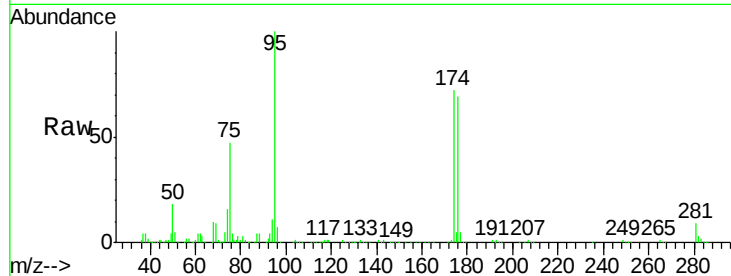
VY0113SBL01

Tgt Ion: 75 Resp: 62945

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 80.372 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY001169.D

Acq: 13 Jan 2020 10:39

Tgt Ion: 75 Resp: 62945

Ion Ratio Lower Upper

75 100

53 0.0 69.4 104.2#

89 0.3 0.0 0.0#

