

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY020520\
 Data File : VY001500.D
 Acq On : 05 Feb 2020 12:12
 Operator : SY/MD
 Sample : VY0205SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0205SBL01

Quant Time: Feb 05 14:16:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	233718	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	407398	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	364574	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	171236	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	133784	56.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.70%	
35) Dibromofluoromethane	7.74	113	124391	52.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.90%	
50) Toluene-d8	10.19	98	504772	56.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.58%	
62) 4-Bromofluorobenzene	12.49	95	186936	53.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.78%	

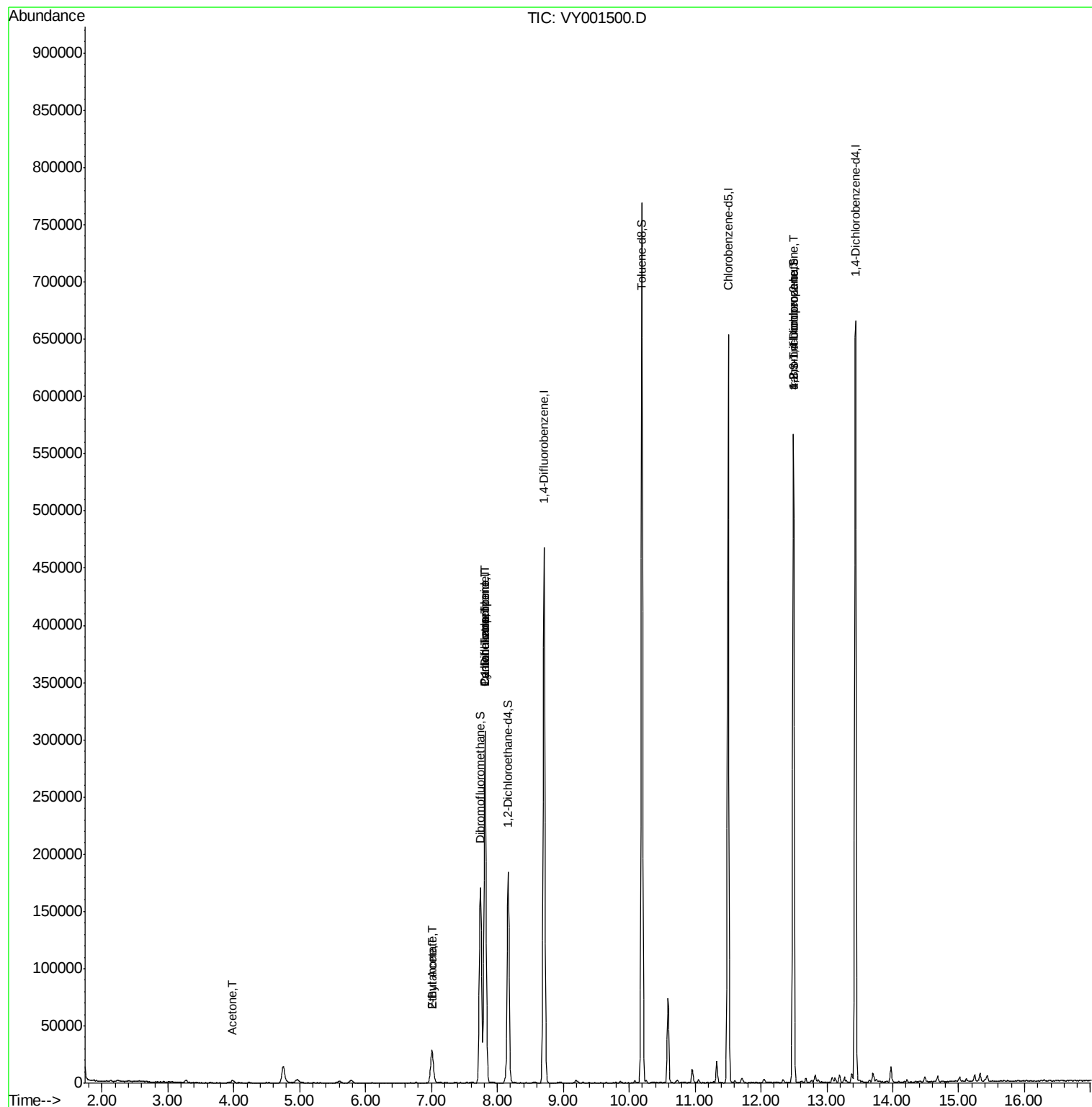
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.97	59	3662	Below Cal	#	76
16) Acetone	3.97	43	4445	6.53	ug/l	91
20) Methylene Chloride	4.75	84	10502	Below Cal		95
25) 2-Butanone	7.02	43	2595	2.94	ug/l	# 78
31) Cyclohexane	7.82	56	4802	1.05	ug/l	# 1
36) 1,1-Dichloropropene	7.81	75	19547	5.24	ug/l	# 47
37) Ethyl Acetate	7.02	43	2595	1.44	ug/l	# 66
38) Carbon Tetrachloride	7.82	117	24025	6.66	ug/l	# 16
76) 1,2,3-Trichloropropane	12.49	75	91013	49.42	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.49	75	91013	95.63	ug/l	# 16

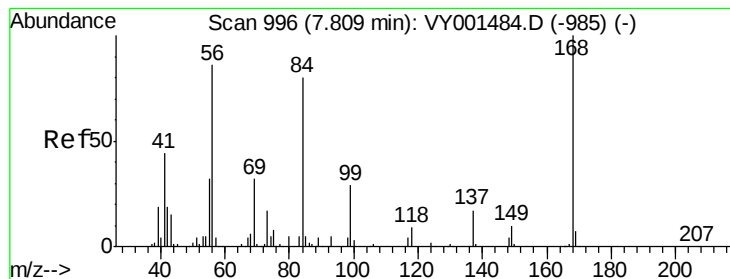
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY020520\
Data File : VY001500.D
Acq On : 05 Feb 2020 12:12
Operator : SY/MD
Sample : VY0205SBL01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBL01

Quant Time: Feb 05 14:16:53 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 04 15:10:08 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001500.D

Acq: 05 Feb 2020 12:12

Instrument :

MSVOA_Y

ClientSampleId :

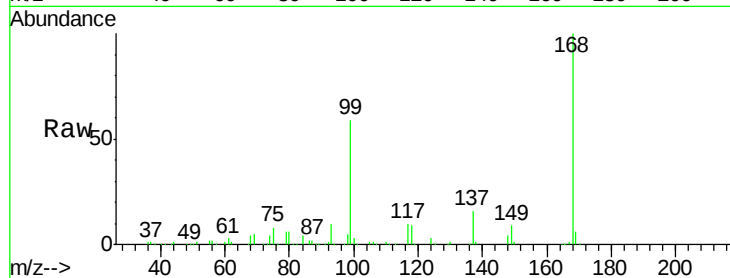
VY0205SBL01

Tgt Ion:168 Resp: 233718

Ion Ratio Lower Upper

168 100

99 59.5 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001484.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY001484.D (-985) (-)

7.82

120000

100000

80000

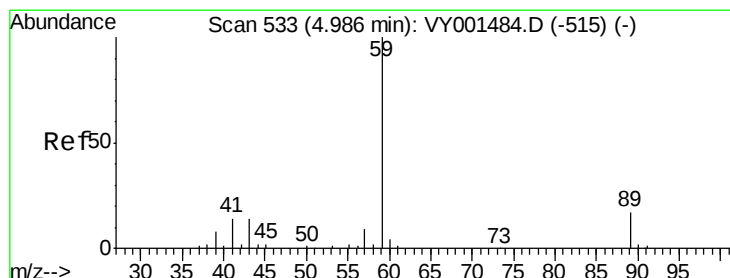
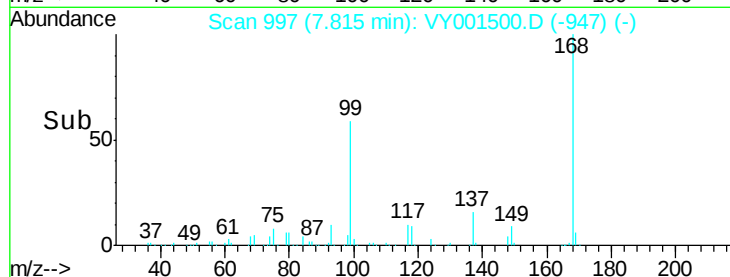
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.97 min Scan# 530

Delta R.T. -0.02 min

Lab File: VY001500.D

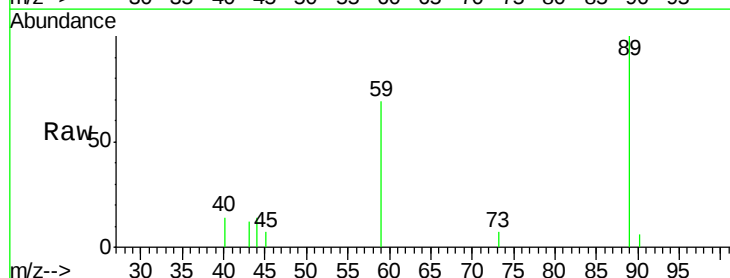
Acq: 05 Feb 2020 12:12

Tgt Ion: 59 Resp: 3662

Ion Ratio Lower Upper

59 100

57 0.0 7.0 10.6#



Abundance Ion 59.00 (58.70 to 59.70): VY001484.D (-515) (-)

Ion 57.00 (56.70 to 57.70): VY001484.D (-515) (-)

4.97

1000

800

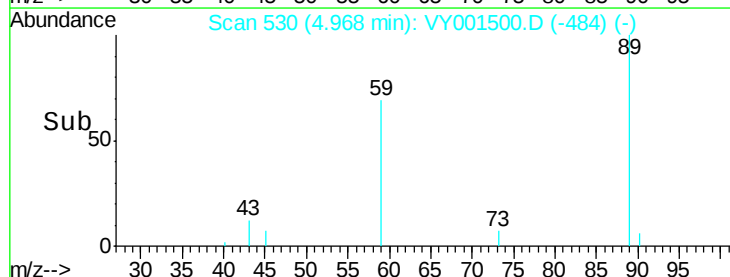
600

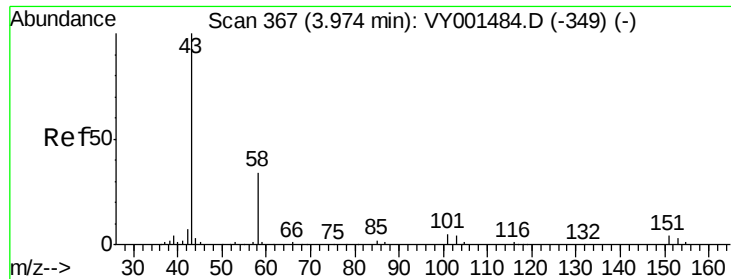
400

200

0

Time-->





#16

Acetone

Concen: 6.53 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VY001500.D

Acq: 05 Feb 2020 12:12

Instrument :

MSVOA_Y

ClientSampleId :

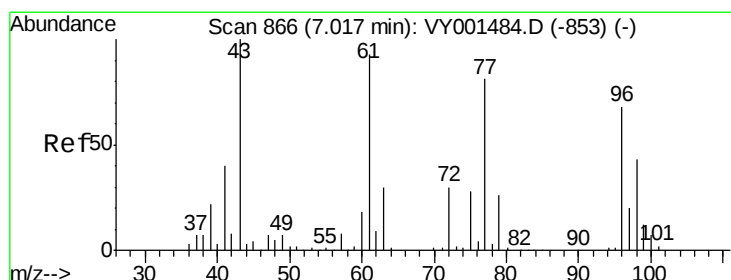
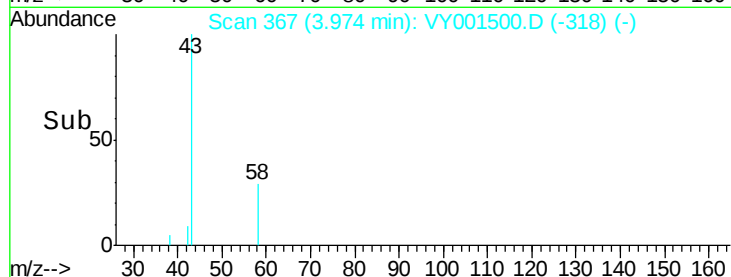
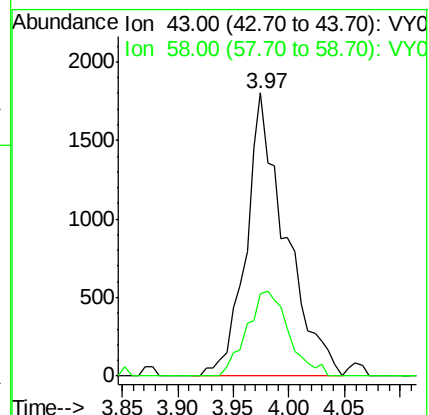
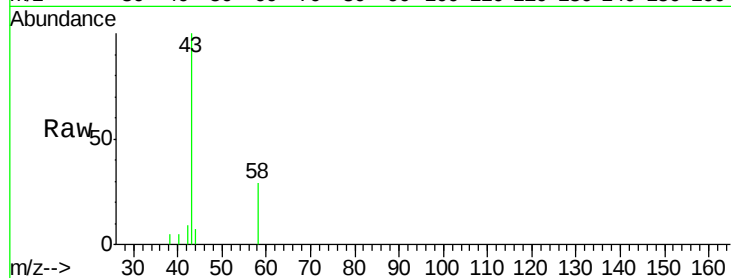
VY0205SBL01

Tgt Ion: 43 Resp: 4445

Ion Ratio Lower Upper

43 100

58 29.1 27.5 41.3



#25

2-Butanone

Concen: 2.94 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.01 min

Lab File: VY001500.D

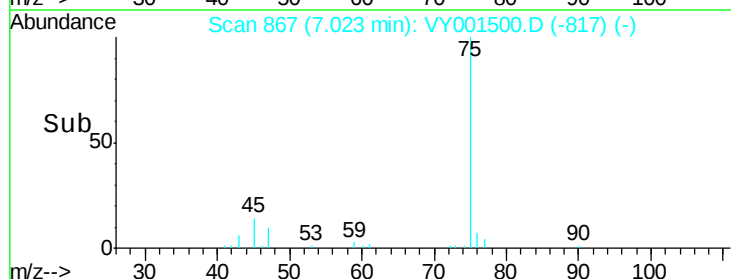
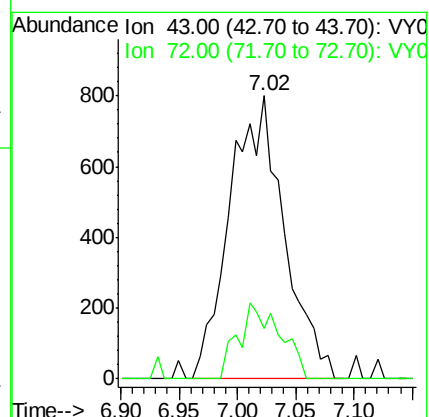
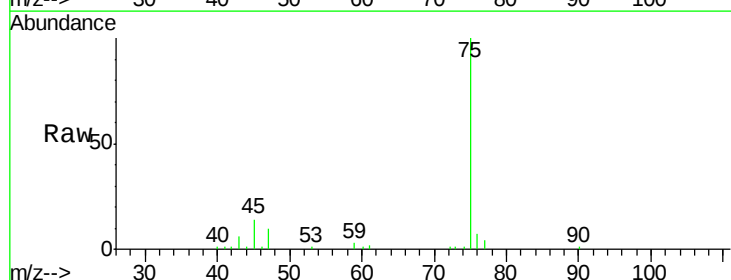
Acq: 05 Feb 2020 12:12

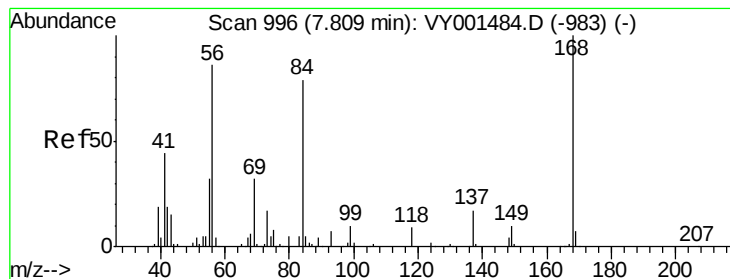
Tgt Ion: 43 Resp: 2595

Ion Ratio Lower Upper

43 100

72 18.0 23.8 35.8#





#31

Cyclohexane

Concen: 1.05 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001500.D

Acq: 05 Feb 2020 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0205SBL01

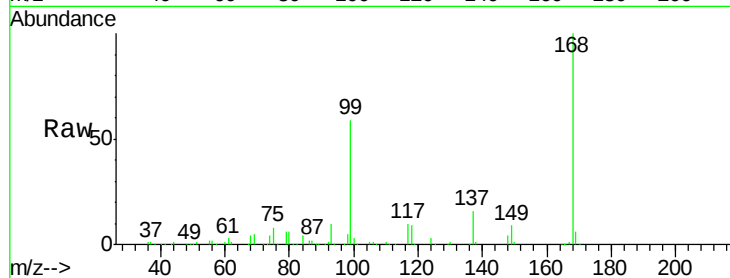
Tgt Ion: 56 Resp: 4802

Ion Ratio Lower Upper

56 100

69 209.7 29.6 44.4#

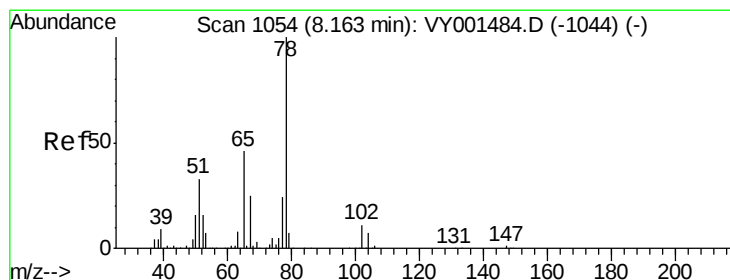
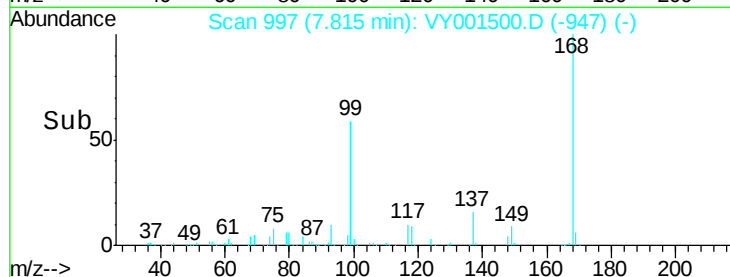
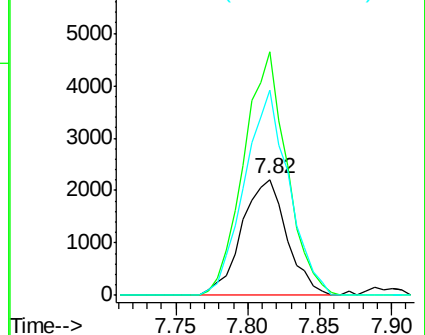
84 177.2 73.6 110.4#



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: 56.85 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VY001500.D

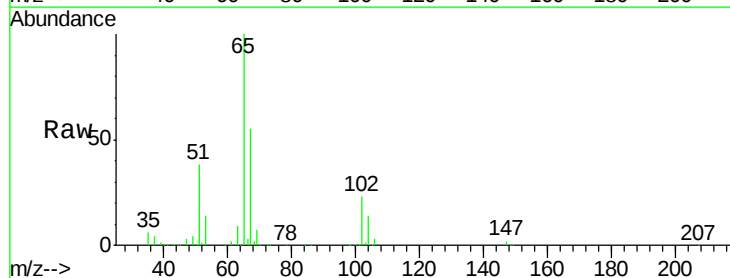
Acq: 05 Feb 2020 12:12

Tgt Ion: 65 Resp: 133784

Ion Ratio Lower Upper

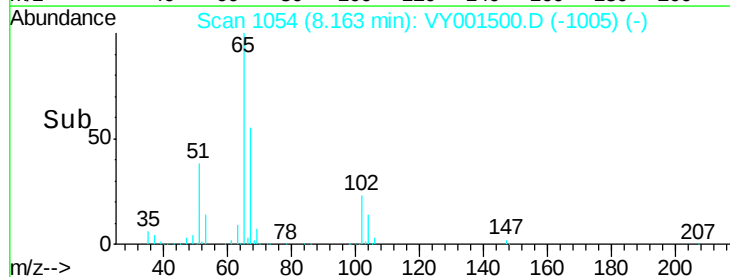
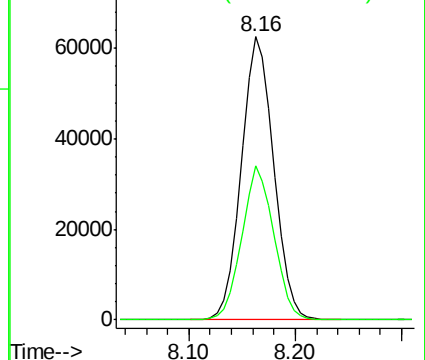
65 100

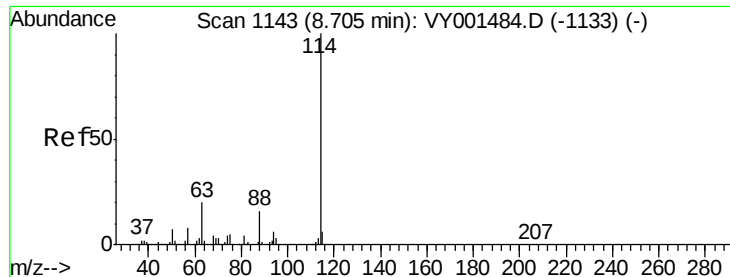
67 53.9 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

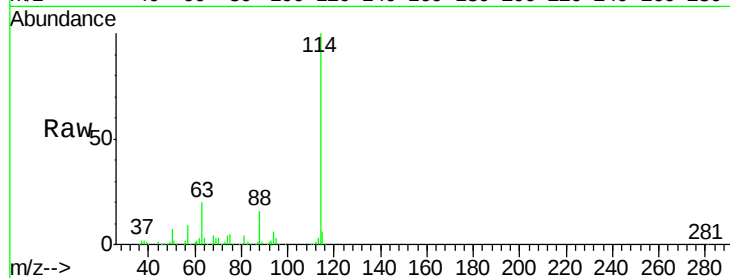




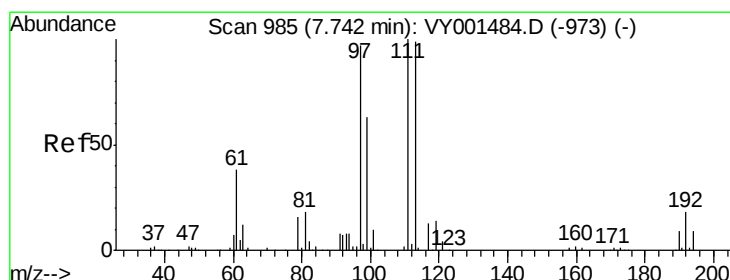
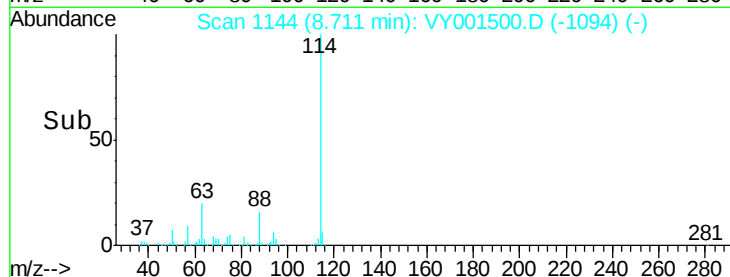
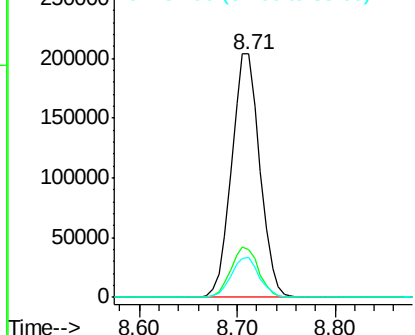
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY001500.D
 Acq: 05 Feb 2020 12:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0205SBL01

Tgt Ion:114 Resp: 407398
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.8
 88 16.2 0.0 32.6

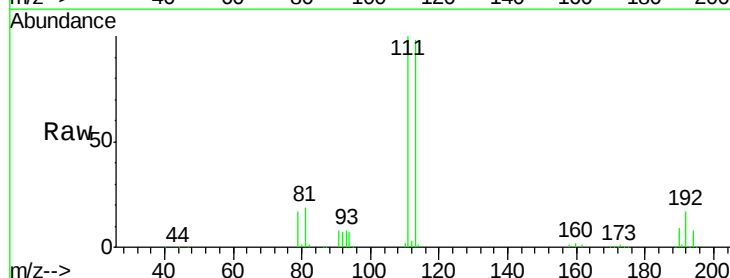


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

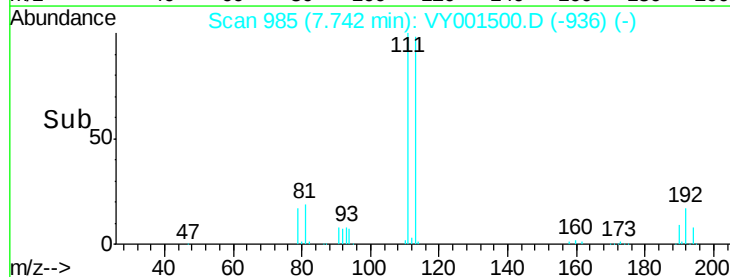
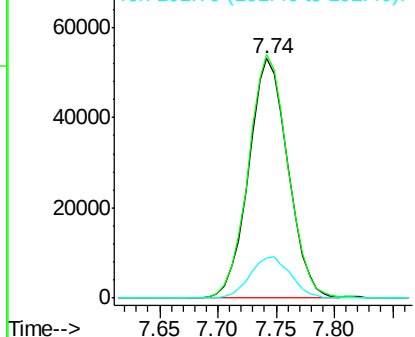


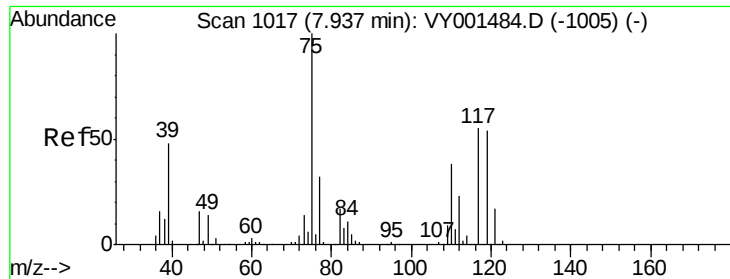
#35
 Dibromofluoromethane
 Concen: 52.95 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: VY001500.D
 Acq: 05 Feb 2020 12:12

Tgt Ion:113 Resp: 124391
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.9 124.3
 192 17.9 14.6 22.0



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: 5.24 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.13 min

Lab File: VY001500.D

Acq: 05 Feb 2020 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0205SBL01

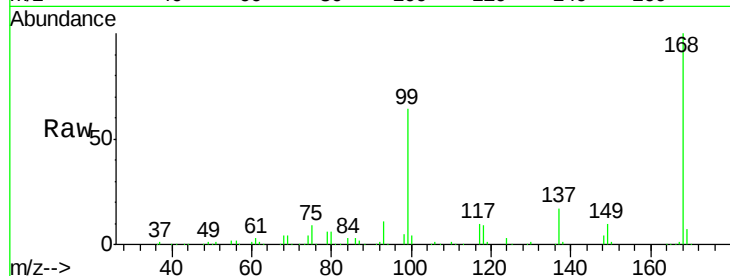
Tgt Ion: 75 Resp: 19547

Ion Ratio Lower Upper

75 100

110 7.0 18.2 54.6#

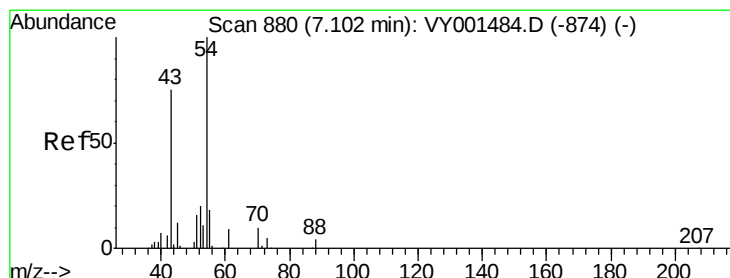
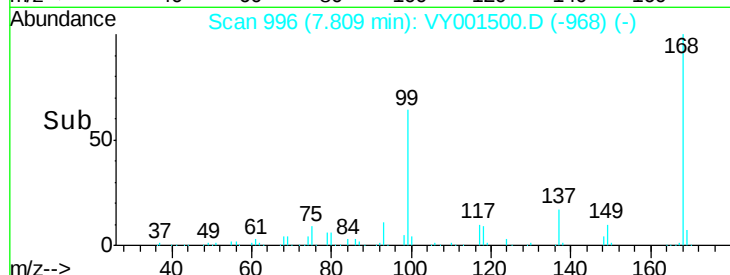
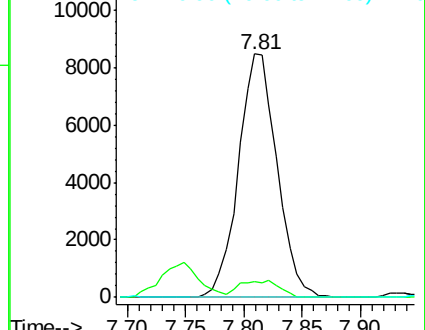
77 0.0 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#37

Ethyl Acetate

Concen: 1.44 ug/l

RT: 7.02 min Scan# 867

Delta R.T. -0.08 min

Lab File: VY001500.D

Acq: 05 Feb 2020 12:12

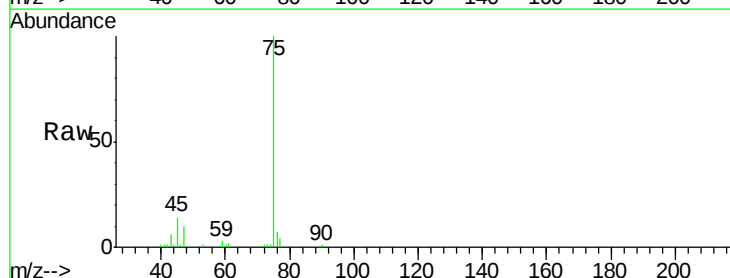
Tgt Ion: 43 Resp: 2595

Ion Ratio Lower Upper

43 100

61 0.0 12.0 18.0#

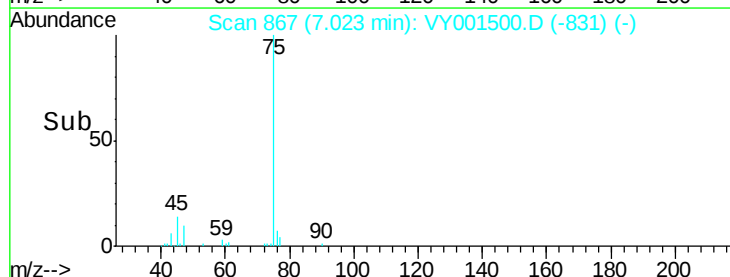
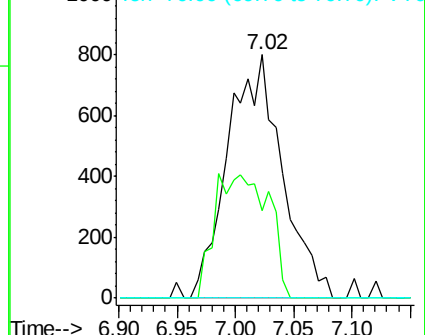
70 0.0 10.2 15.4#

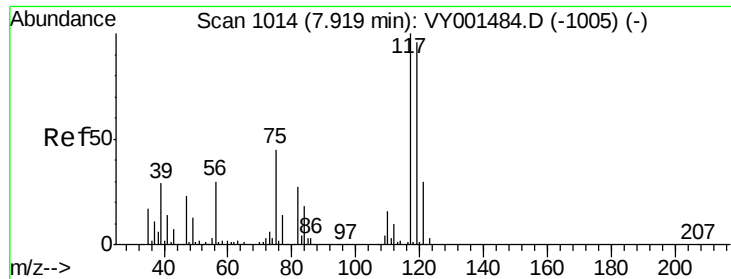


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 70.00 (69.70 to 70.70): VY0

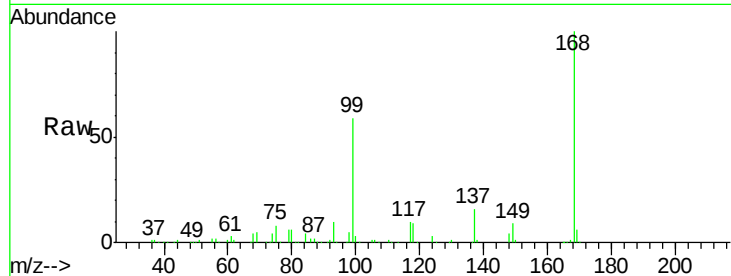




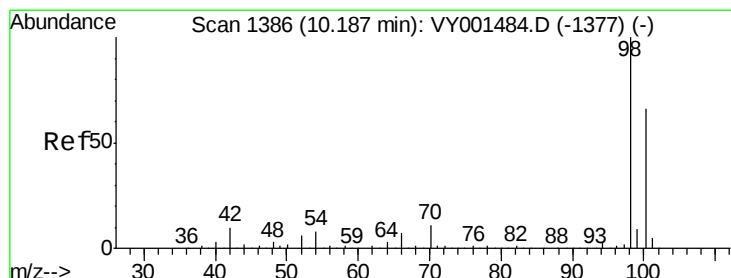
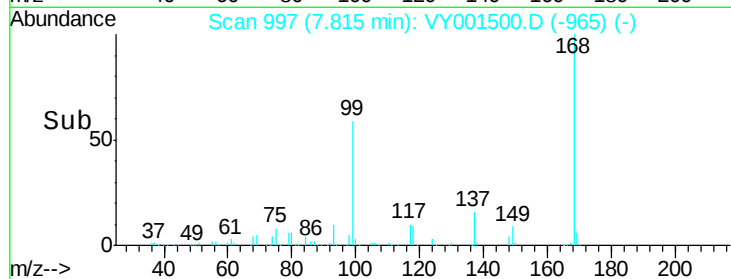
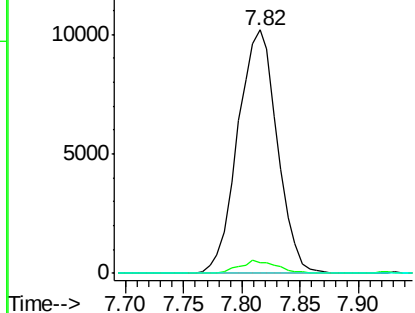
#38
Carbon Tetrachloride
Concen: 6.66 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.10 min
Lab File: VY001500.D
Acq: 05 Feb 2020 12:12

Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBL01

Tgt Ion: 117 Resp: 24025
Ion Ratio Lower Upper
117 100
119 4.5 76.4 114.6#
121 0.0 24.2 36.4#

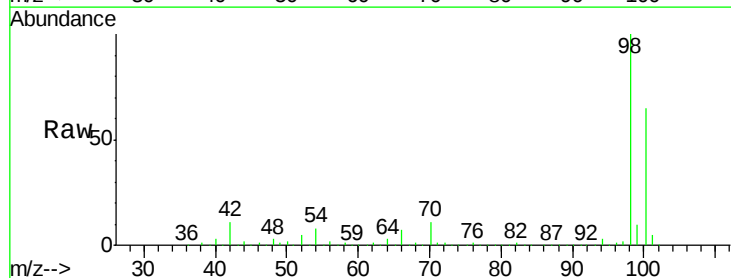


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

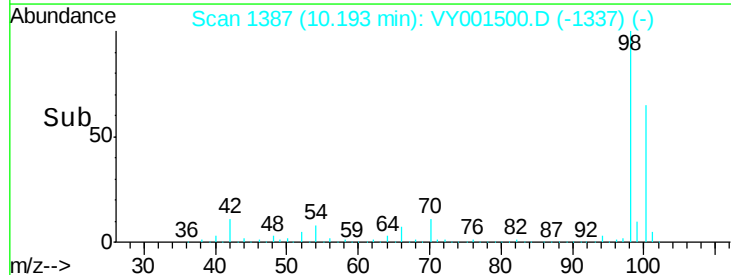
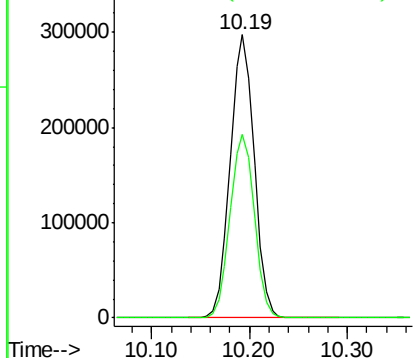


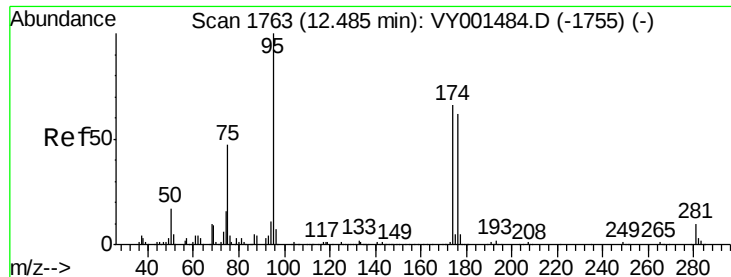
#50
Toluene-d8
Concen: 56.79 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY001500.D
Acq: 05 Feb 2020 12:12

Tgt Ion: 98 Resp: 504772
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY

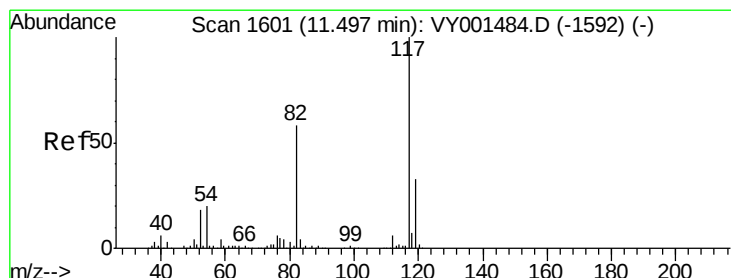
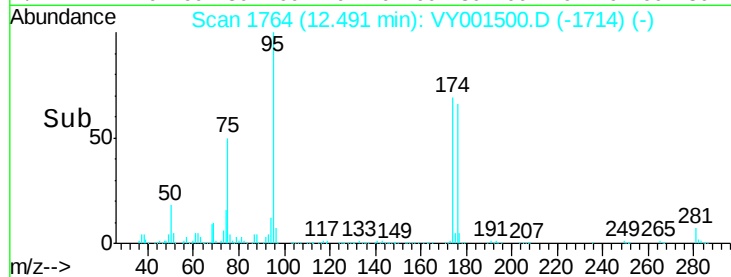
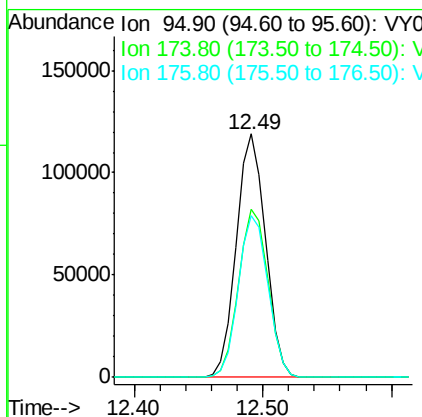
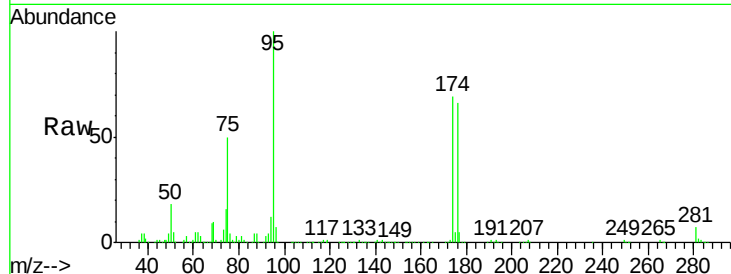




#62
4-Bromofluorobenzene
Concen: 53.39 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY001500.D
Acq: 05 Feb 2020 12:12

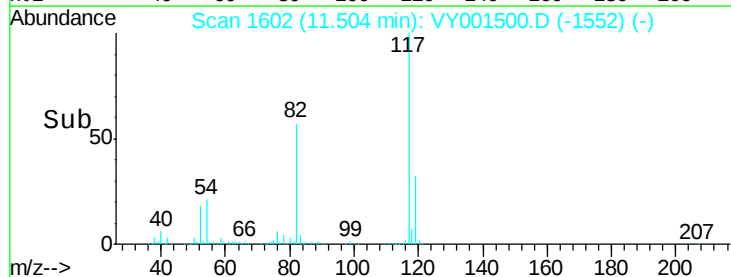
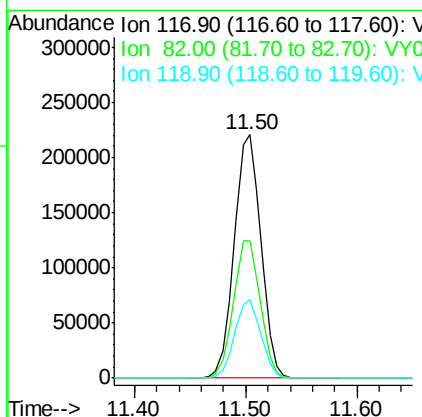
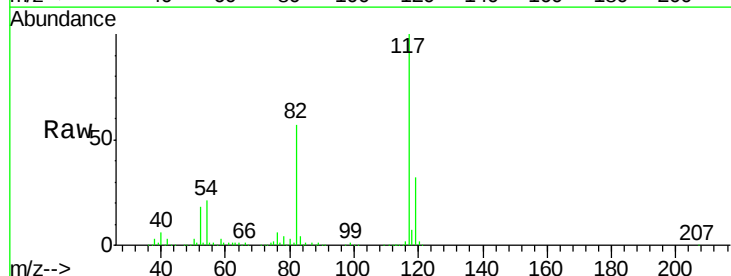
Instrument :
MSVOA_Y
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VY0205SBL01

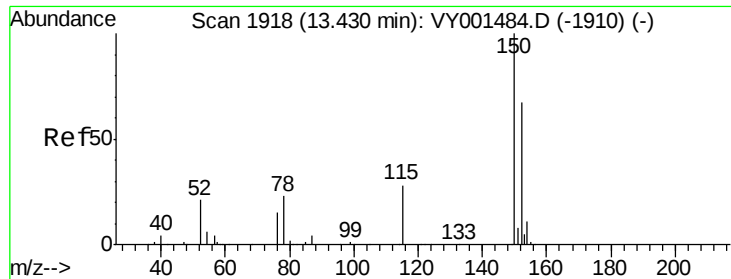
Tgt Ion: 95 Resp: 186936
Ion Ratio Lower Upper
95 100
174 69.6 0.0 141.4
176 67.5 0.0 135.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001500.D
Acq: 05 Feb 2020 12:12

Tgt Ion: 117 Resp: 364574
Ion Ratio Lower Upper
117 100
82 56.7 46.1 69.1
119 32.0 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY001500.D

Acq: 05 Feb 2020 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0205SBL01

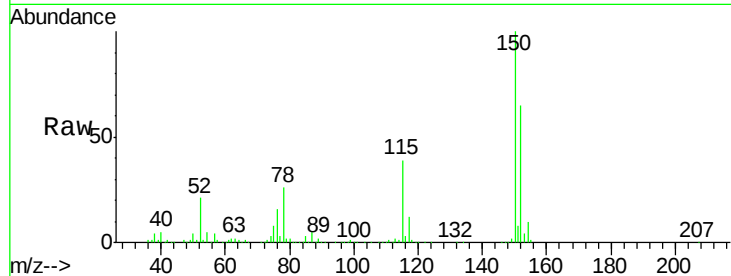
Tgt Ion:152 Resp: 171236

Ion Ratio Lower Upper

152 100

115 62.3 31.4 94.3

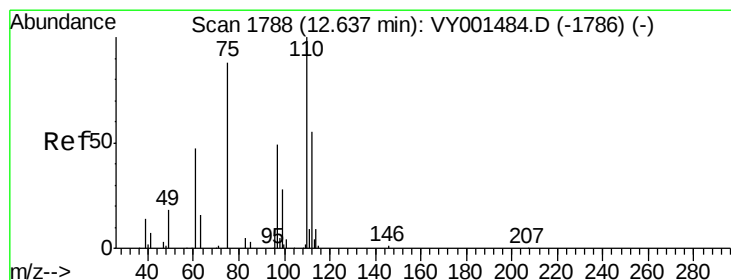
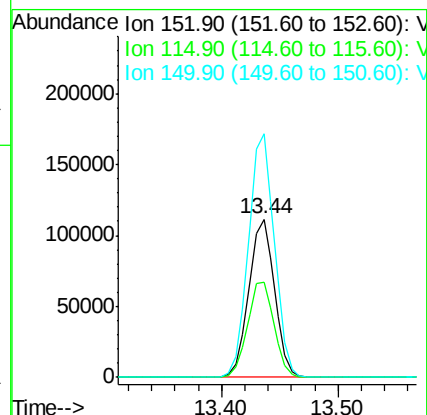
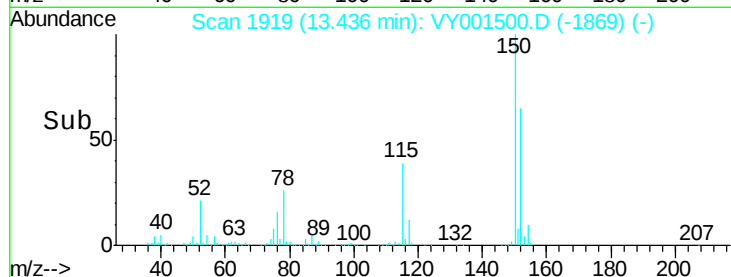
150 156.4 0.0 346.8



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: 49.42 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY001500.D

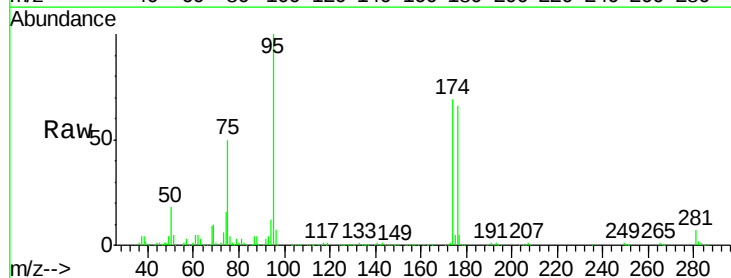
Acq: 05 Feb 2020 12:12

Tgt Ion: 75 Resp: 91013

Ion Ratio Lower Upper

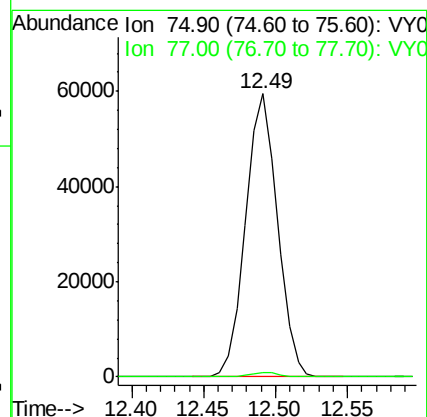
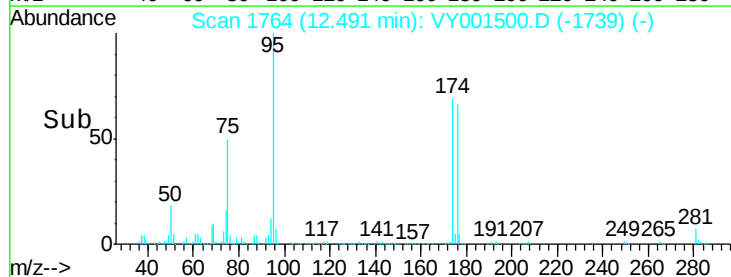
75 100

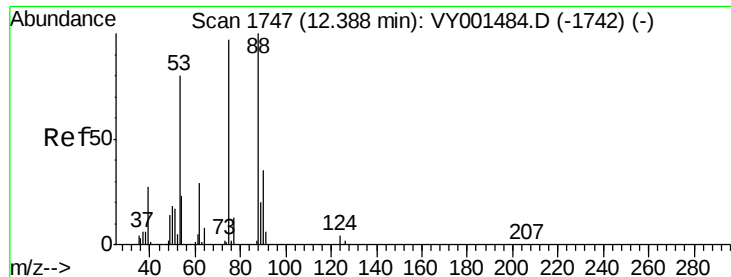
77 1.4 0.0 0.0#



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: 95.63 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY001500.D

Acq: 05 Feb 2020 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0205SBL01

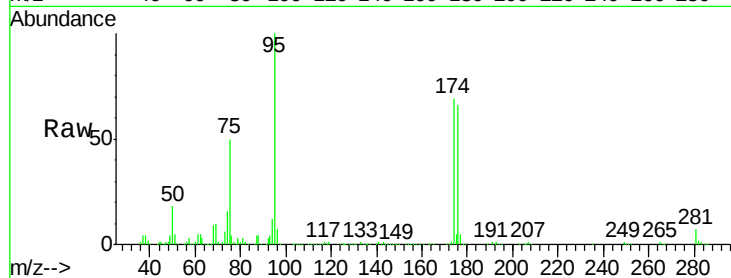
Tgt Ion: 75 Resp: 91013

Ion Ratio Lower Upper

75 100

53 0.0 67.7 101.5#

89 0.4 34.6 52.0#



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

