

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011520\
 Data File : VY001240.D
 Acq On : 16 Jan 2020 00:27
 Operator : SY/MD
 Sample : L1136-02
 Misc : 10.52G/5ML/MSVOA_Y/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WP022SB456_200113_36-38

Quant Time: Jan 16 04:55:56 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	170590	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	306551	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	252021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	97326	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	94939	52.69	ug/l	0.00
Spiked Amount			Recovery	=	105.38%	
35) Dibromofluoromethane	7.73	113	90592	50.47	ug/l	0.00
Spiked Amount			Recovery	=	100.94%	
50) Toluene-d8	10.18	98	355108	51.35	ug/l	0.00
Spiked Amount			Recovery	=	102.70%	
62) 4-Bromofluorobenzene	12.48	95	111106	39.30	ug/l	0.00
Spiked Amount			Recovery	=	78.60%	

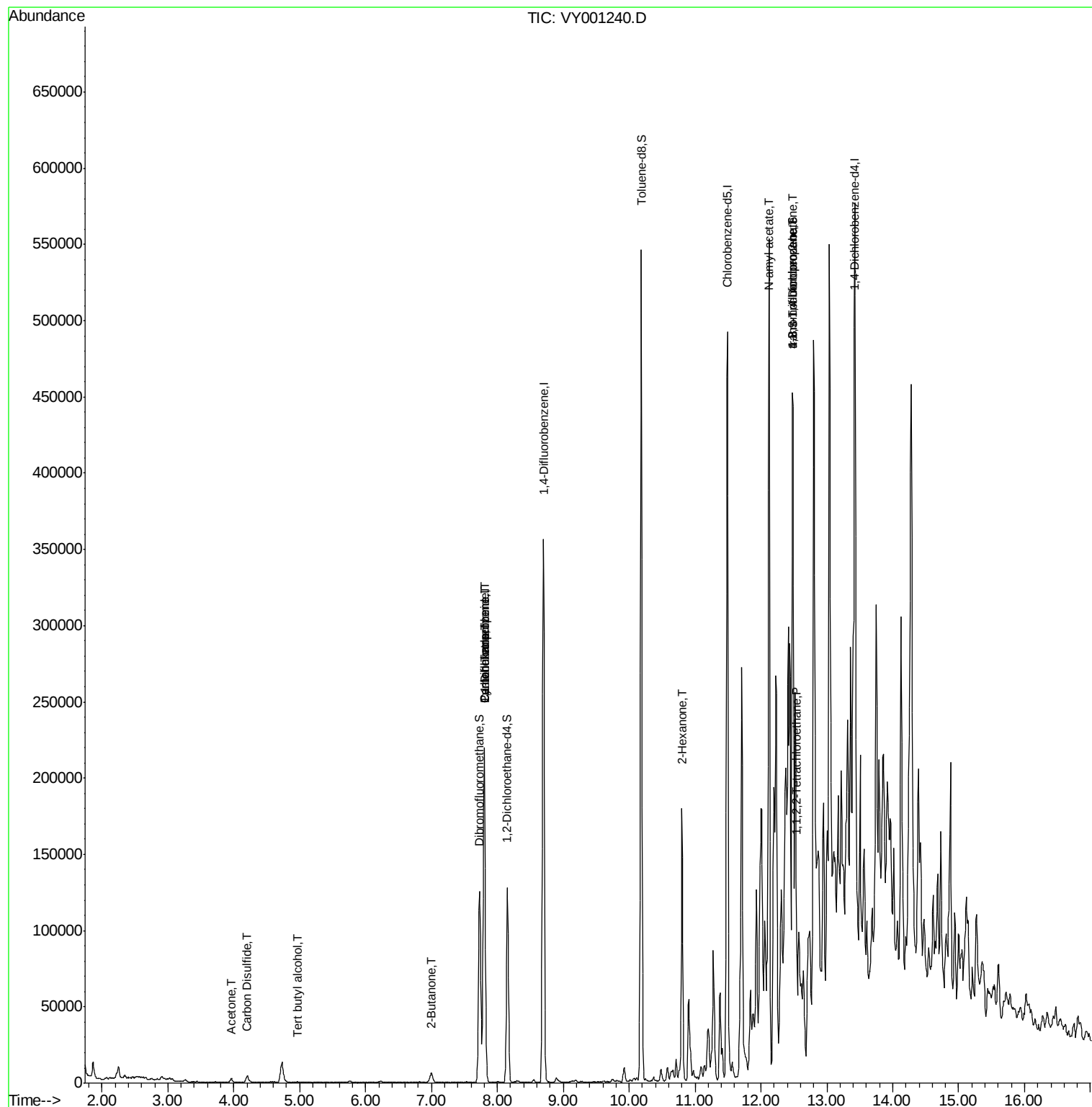
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.97	59	374	2.063	ug/l #	73
16) Acetone	3.96	43	4684	11.194	ug/l	96
17) Carbon Disulfide	4.20	76	8153	1.444	ug/l #	95
20) Methylene Chloride	4.73	84	9774	Below Cal		95
25) 2-Butanone	7.00	43	2748	4.220	ug/l #	82
31) Cyclohexane	7.80	56	4154	1.192	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	13171	4.714	ug/l #	50
38) Carbon Tetrachloride	7.80	117	16864	6.586	ug/l #	14
59) 2-Hexanone	10.80	43	66327	59.485	ug/l #	27
74) N-amyl acetate	12.12	43	113397	49.661	ug/l #	59
75) 1,1,2,2-Tetrachloroethane	12.54	83	7202	4.678	ug/l #	26
76) 1,2,3-Trichloropropane	12.48	75	51505	49.435	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	51505	83.830	ug/l #	12

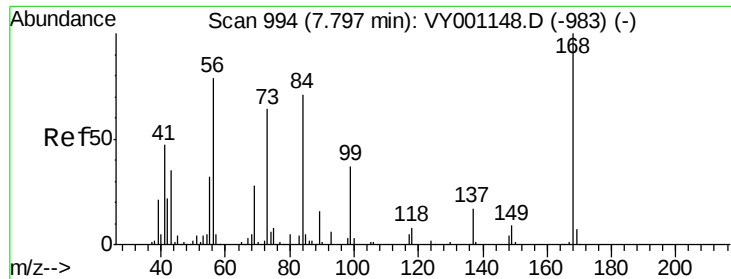
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001240.D

Acq: 16 Jan 2020 00:27

Instrument :

MSVOA_Y

ClientSampleId :

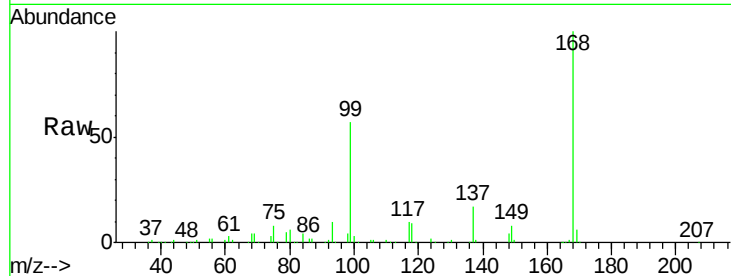
WP022SB456_200113_36-38

Tgt Ion: 168 Resp: 170590

Ion Ratio Lower Upper

168 100

99 56.9 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

80000

60000

40000

20000

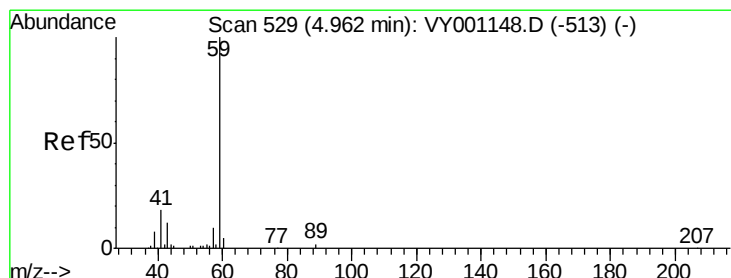
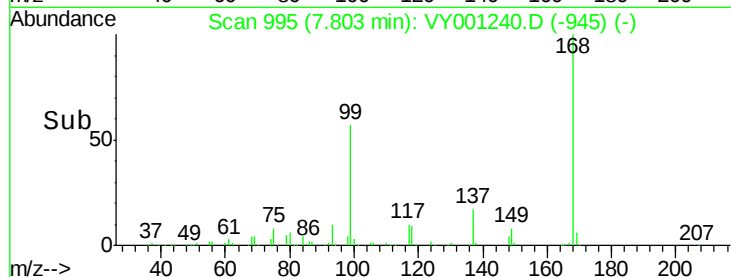
0

7.70

7.80

7.90

Time-->



#11

Tert butyl alcohol

Concen: 2.063 ug/l

RT: 4.97 min Scan# 530

Delta R.T. 0.01 min

Lab File: VY001240.D

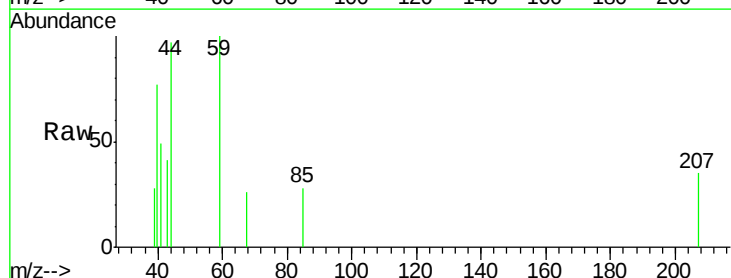
Acq: 16 Jan 2020 00:27

Tgt Ion: 59 Resp: 374

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



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

Ion 57.00 (56.70 to 57.70): VY001148.D (-513) (-)

4.97

250

200

150

100

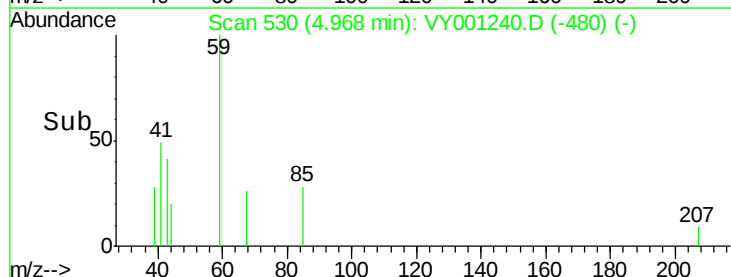
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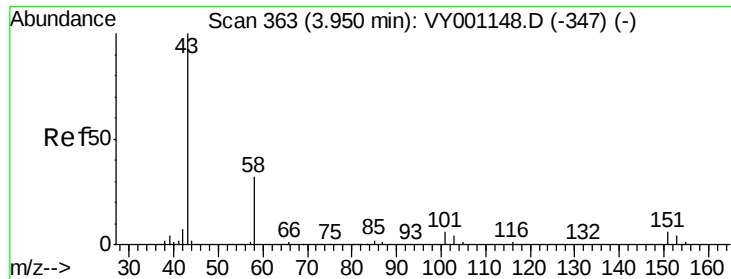
0

4.95

5.00

Time-->





#16

Acetone

Concen: 11.194 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY001240.D

Acq: 16 Jan 2020 00:27

Instrument :

MSVOA_Y

ClientSampleId :

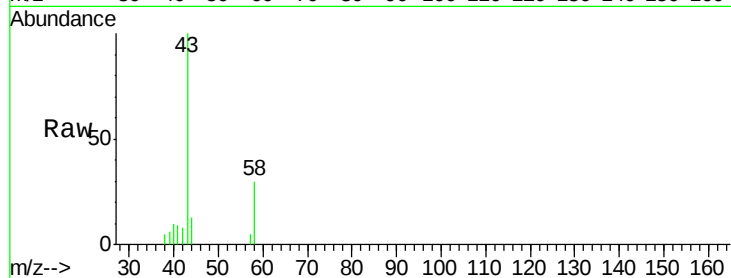
WP022SB456_200113_36-38

Tgt Ion: 43 Resp: 4684

Ion Ratio Lower Upper

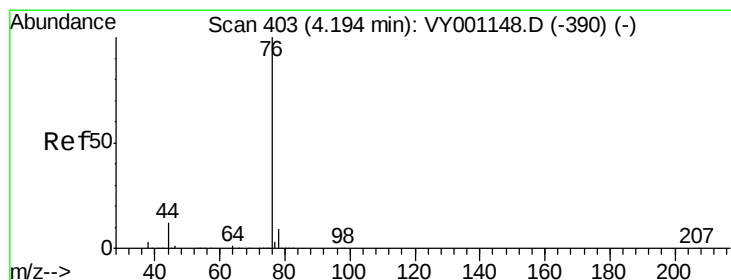
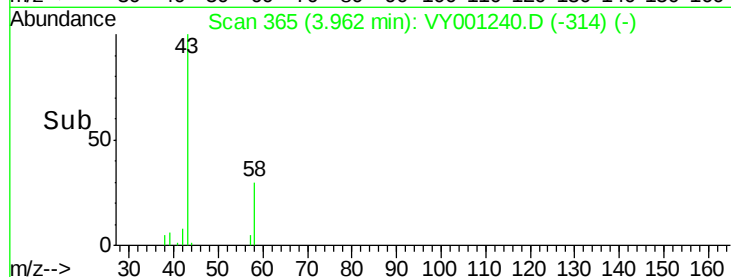
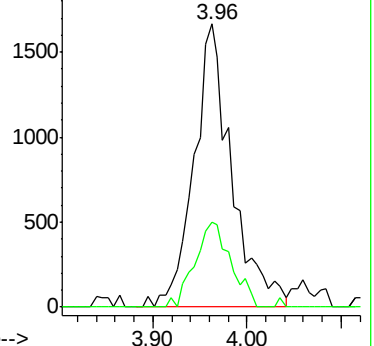
43 100

58 30.0 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY001148.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY001148.D (-347) (-)



#17

Carbon Disulfide

Concen: 1.444 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.01 min

Lab File: VY001240.D

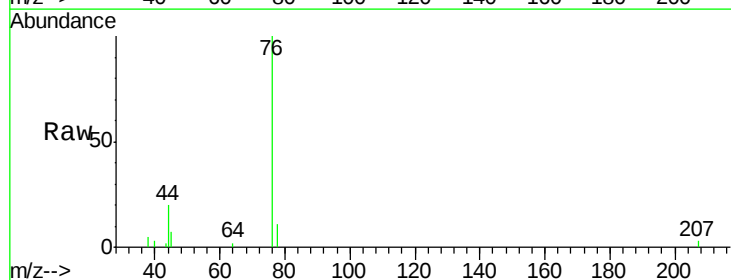
Acq: 16 Jan 2020 00:27

Tgt Ion: 76 Resp: 8153

Ion Ratio Lower Upper

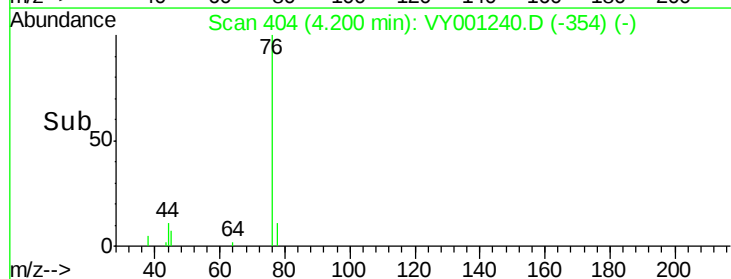
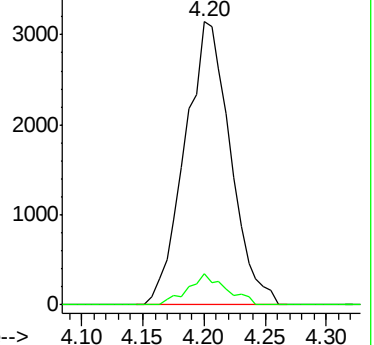
76 100

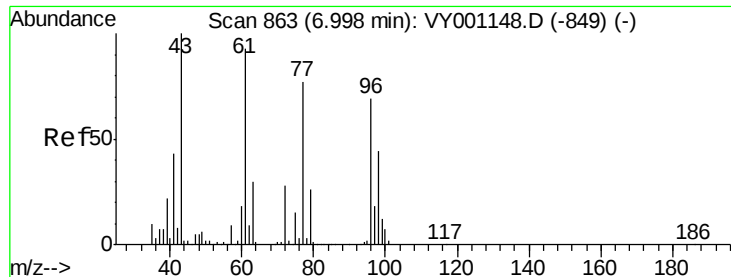
78 11.0 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VY001148.D (-390) (-)

Ion 77.90 (77.60 to 78.60): VY001148.D (-390) (-)

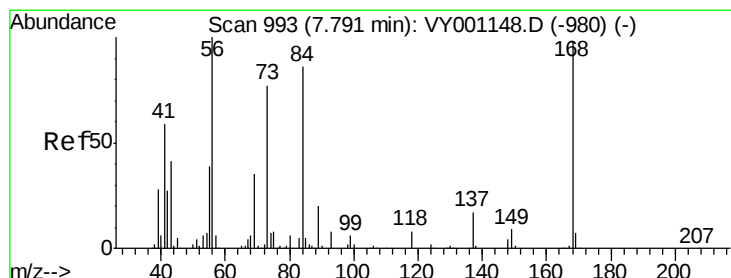
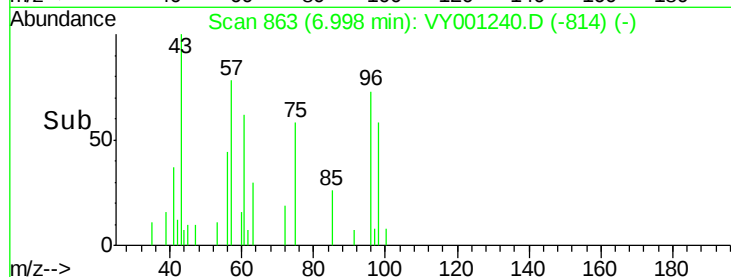
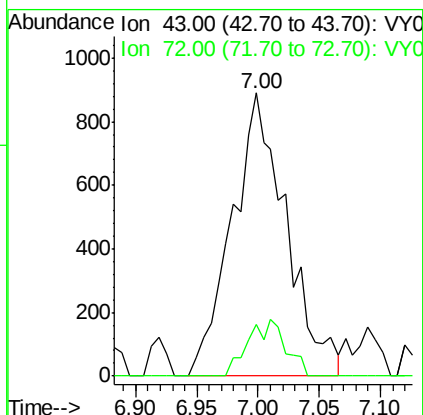
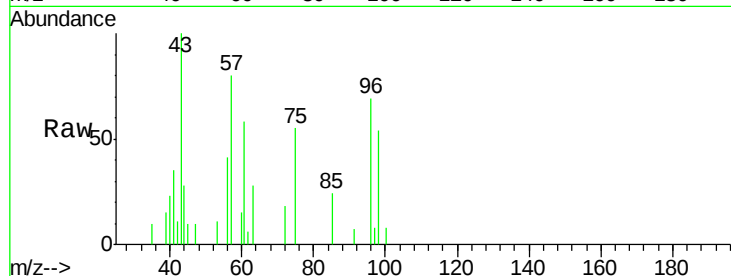




#25
2-Butanone
Concen: 4.220 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY001240.D
Acq: 16 Jan 2020 00:27

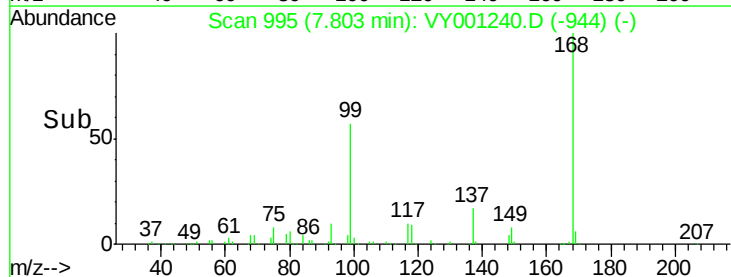
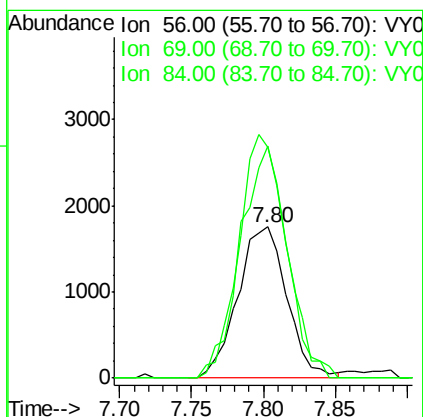
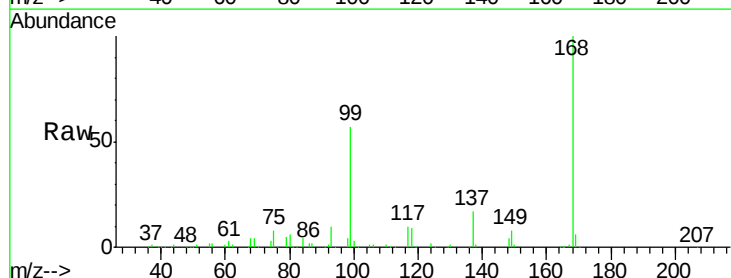
Instrument :
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WP022SB456_200113_36-38

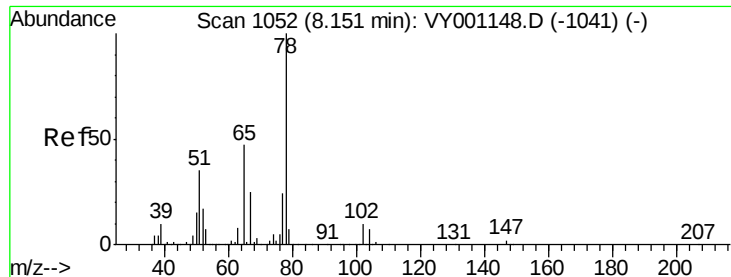
Tgt Ion: 43 Resp: 2748
Ion Ratio Lower Upper
43 100
72 18.1 22.2 33.2#



#31
Cyclohexane
Concen: 1.192 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY001240.D
Acq: 16 Jan 2020 00:27

Tgt Ion: 56 Resp: 4154
Ion Ratio Lower Upper
56 100
69 152.8 27.8 41.8#
84 153.1 68.9 103.3#

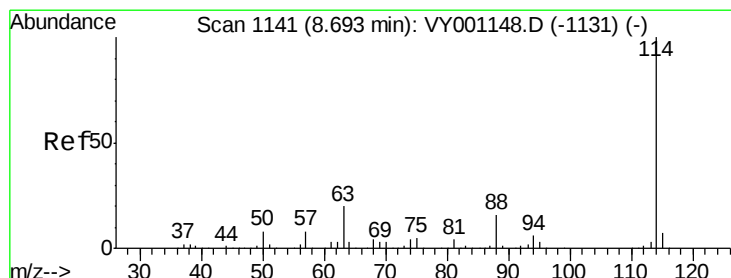
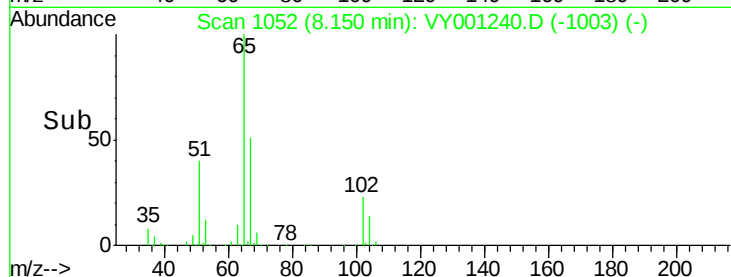
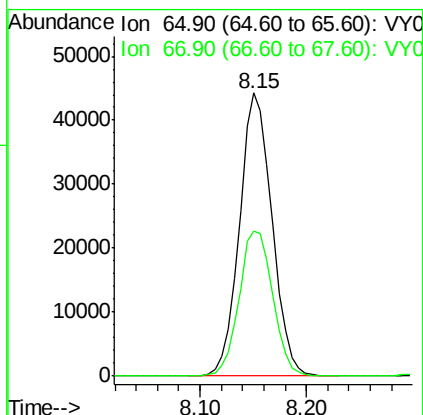
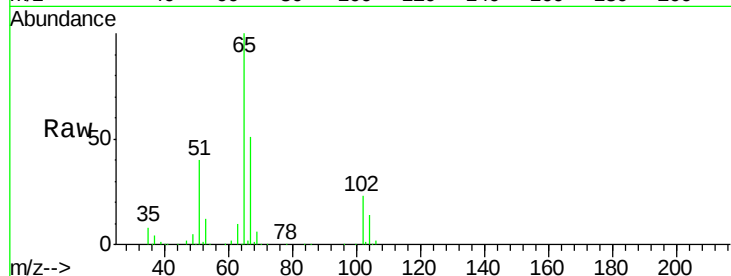




#33
 1,2-Dichloroethane-d4
 Concen: 52.693 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY001240.D
 Acq: 16 Jan 2020 00:27

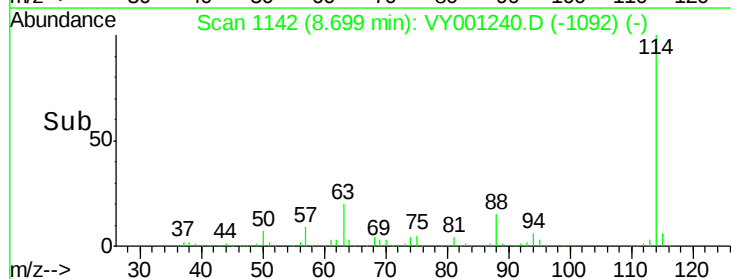
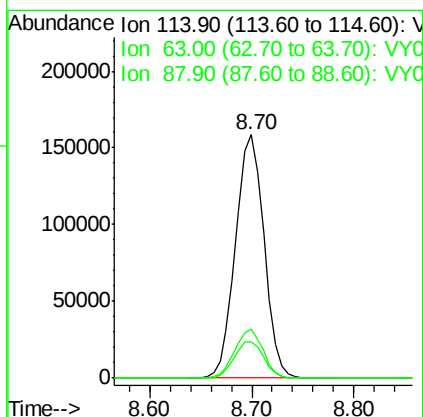
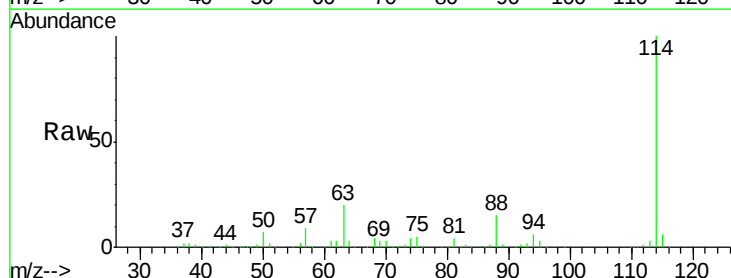
Instrument :
 MSVOA_Y
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 WP022SB456_200113_36-38

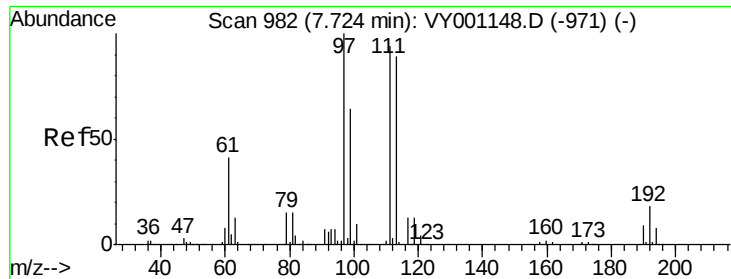
Tgt Ion: 65 Resp: 94939
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: VY001240.D
 Acq: 16 Jan 2020 00:27

Tgt Ion: 114 Resp: 306551
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.8
 88 14.8 0.0 32.4

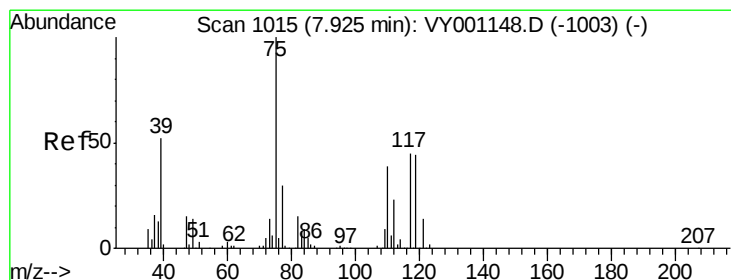
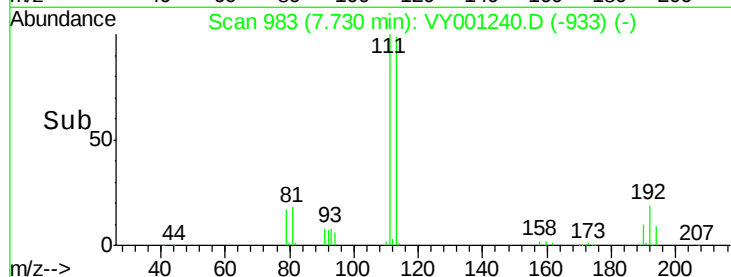
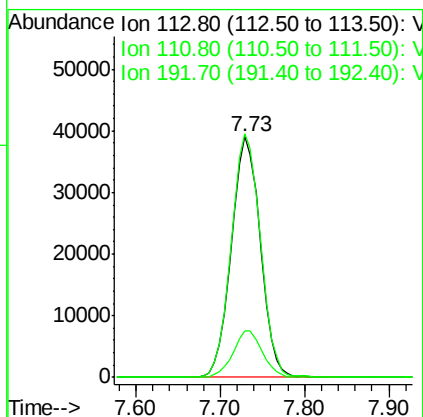
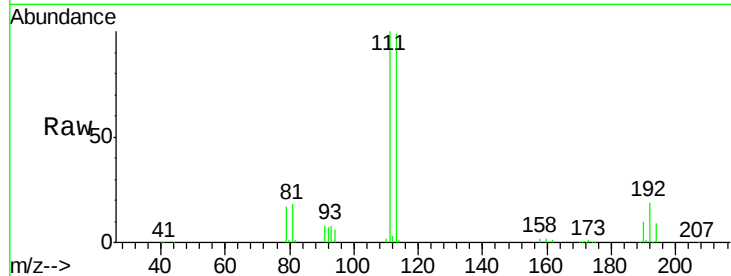




#35
 Dibromofluoromethane
 Concen: 50.473 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VY001240.D
 Acq: 16 Jan 2020 00:27

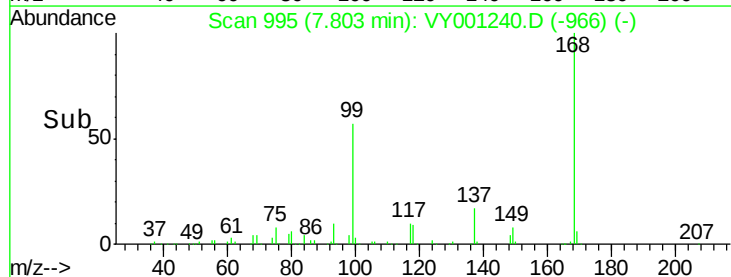
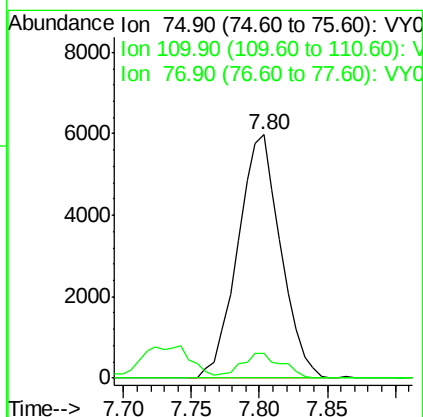
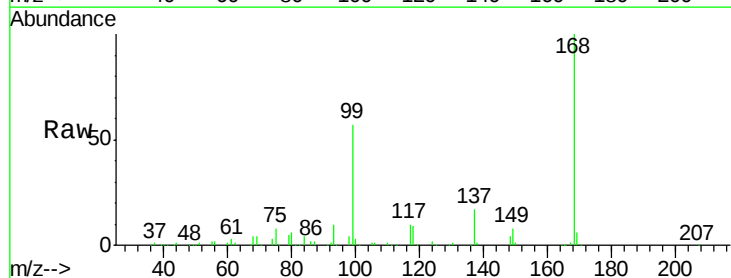
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 ClientSampleId :
 WP022SB456_200113_36-38

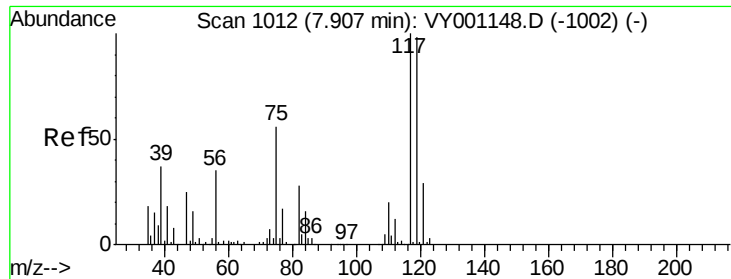
Tgt Ion:113 Resp: 90592
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.9 124.3
 192 19.5 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 4.714 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.12 min
 Lab File: VY001240.D
 Acq: 16 Jan 2020 00:27

Tgt Ion: 75 Resp: 13171
 Ion Ratio Lower Upper
 75 100
 110 9.8 18.3 54.8#
 77 0.0 25.1 37.7#

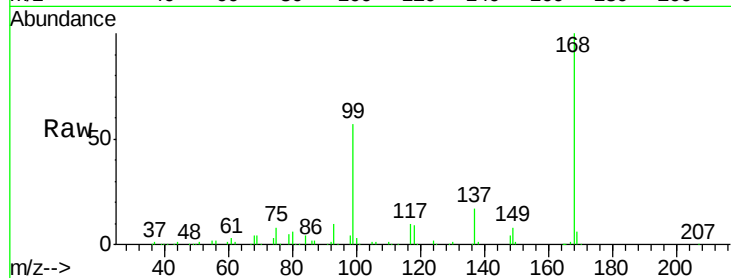




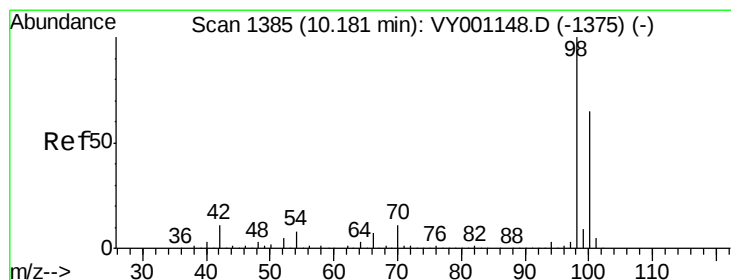
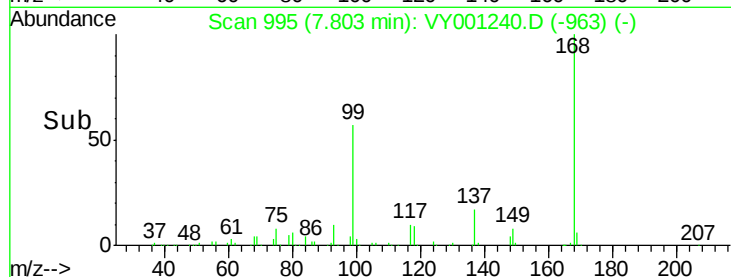
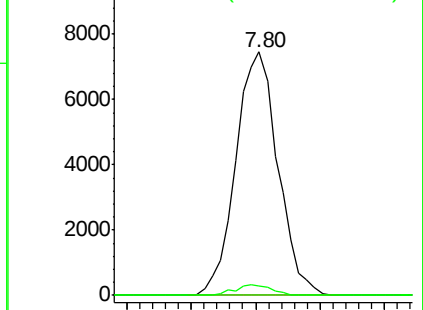
#38
Carbon Tetrachloride
Concen: 6.586 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.10 min
Lab File: VY001240.D
Acq: 16 Jan 2020 00:27

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB456_200113_36-38

Tgt Ion:117 Resp: 16864
Ion Ratio Lower Upper
117 100
119 4.1 78.3 117.5#
121 0.0 23.5 35.3#

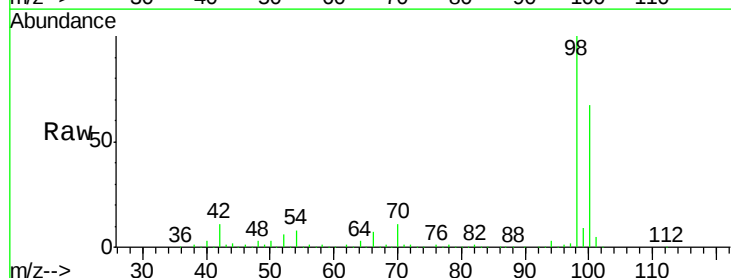


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

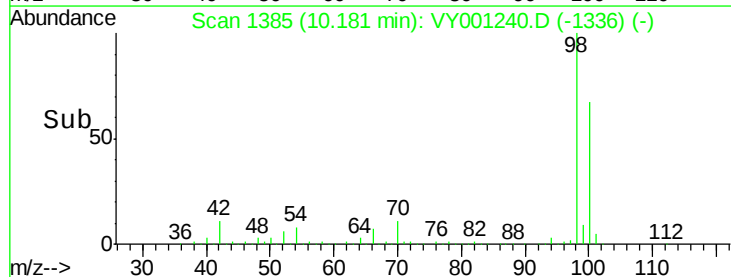
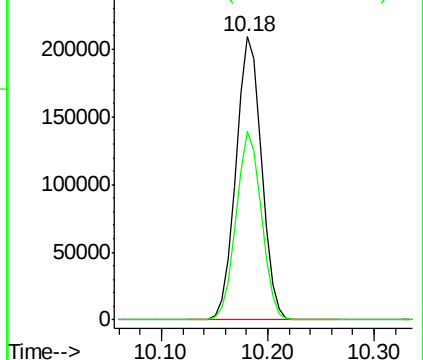


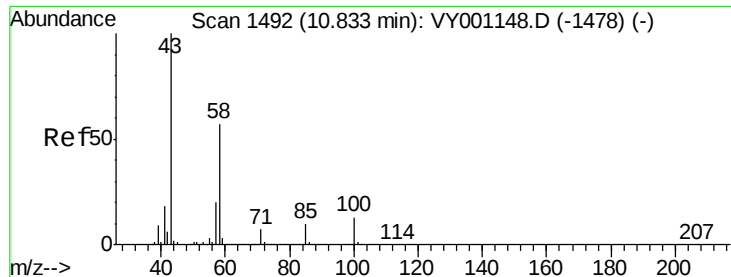
#50
Toluene-d8
Concen: 51.347 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY001240.D
Acq: 16 Jan 2020 00:27

Tgt Ion: 98 Resp: 355108
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7



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

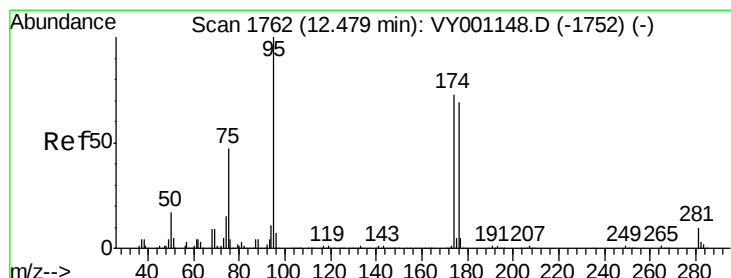
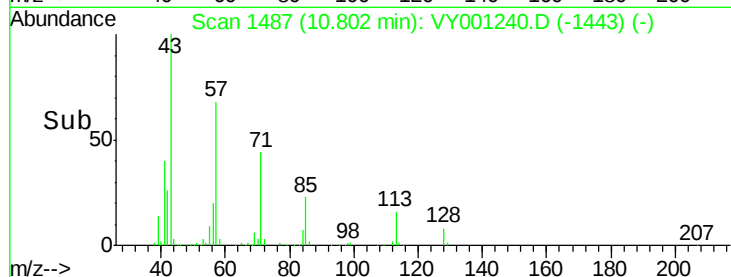
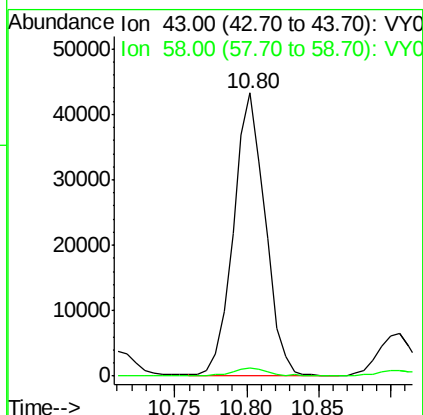
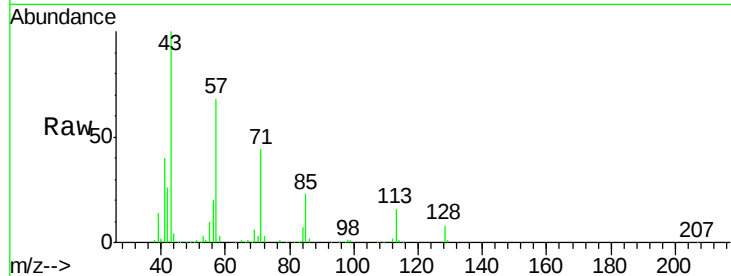




#59
2-Hexanone
Concen: 59.485 ug/l
RT: 10.80 min Scan# 1487
Delta R.T. -0.03 min
Lab File: VY001240.D
Acq: 16 Jan 2020 00:27

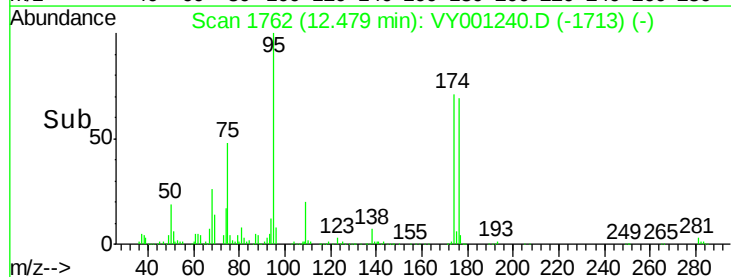
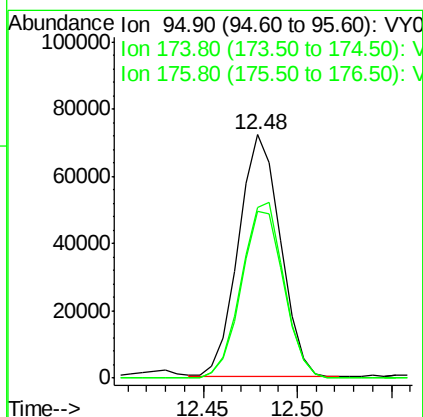
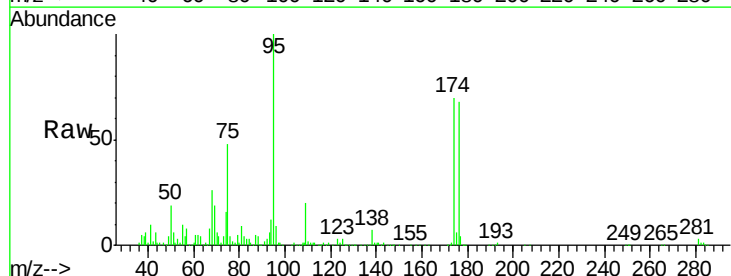
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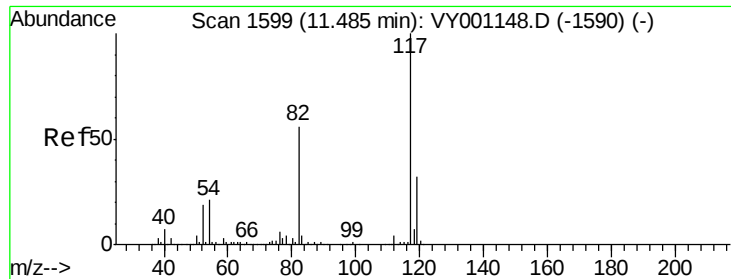
Tgt Ion: 43 Resp: 66327
Ion Ratio Lower Upper
43 100
58 3.4 28.4 85.2#



#62
4-Bromofluorobenzene
Concen: 39.296 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY001240.D
Acq: 16 Jan 2020 00:27

Tgt Ion: 95 Resp: 111106
Ion Ratio Lower Upper
95 100
174 73.4 0.0 143.2
176 70.2 0.0 136.0

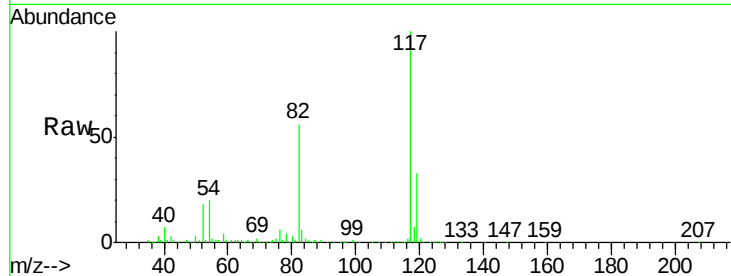




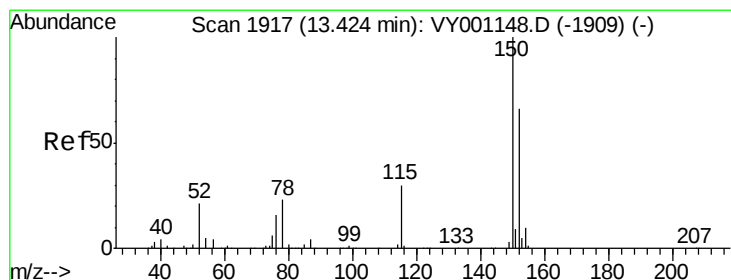
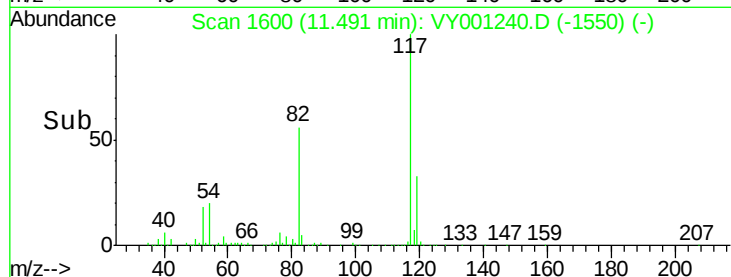
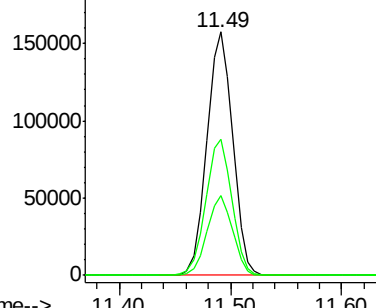
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001240.D
Acq: 16 Jan 2020 00:27

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB456_200113_36-38

Tgt Ion:117 Resp: 252021
Ion Ratio Lower Upper
117 100
82 55.7 44.9 67.3
119 32.9 25.7 38.5

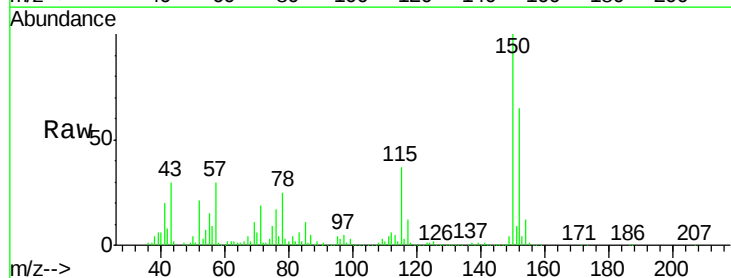


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

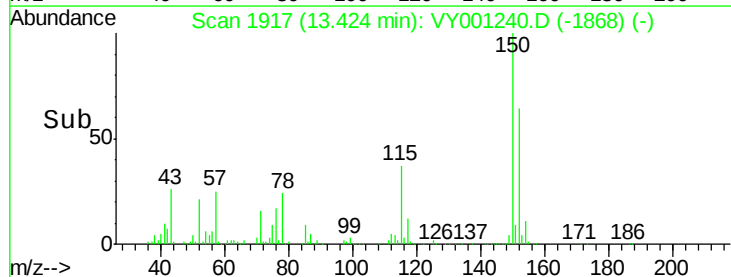
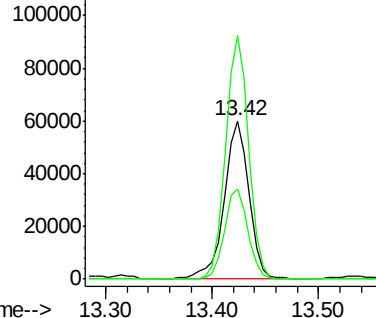


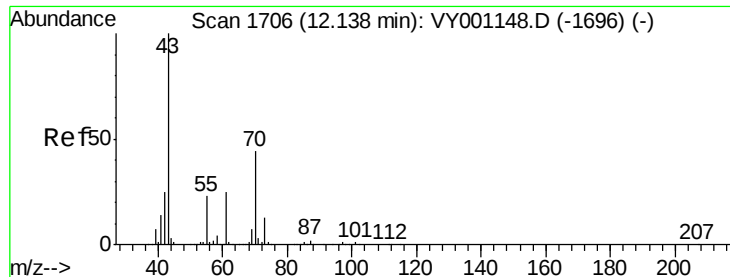
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY001240.D
Acq: 16 Jan 2020 00:27

Tgt Ion:152 Resp: 97326
Ion Ratio Lower Upper
152 100
115 53.4 30.9 92.5
150 143.3 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





#74

N-ethyl acetate

Concen: 49.661 ug/l

RT: 12.12 min Scan# 1703

Delta R.T. -0.02 min

Lab File: VY001240.D

Acq: 16 Jan 2020 00:27

Instrument :

MSVOA_Y

ClientSampleId :

WP022SB456_200113_36-38

Tgt Ion: 43 Resp: 113397

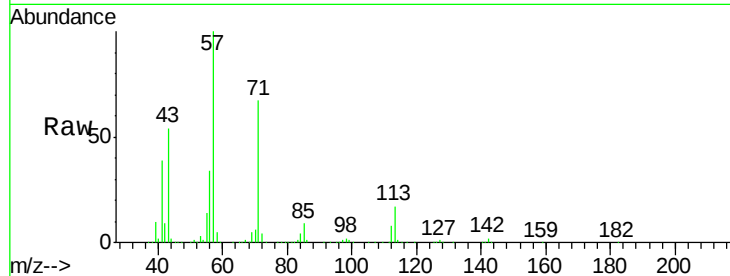
Ion Ratio Lower Upper

43 100

70 10.7 35.0 52.6#

55 28.7 18.4 27.6#

61 0.0 20.1 30.1#

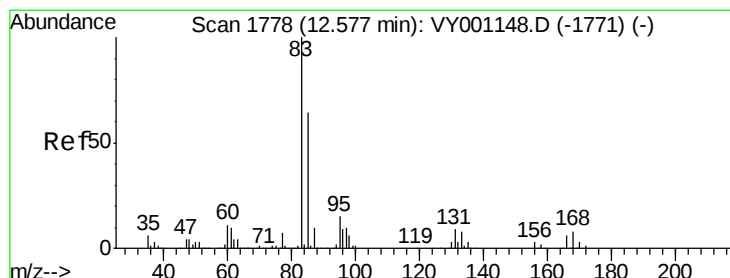
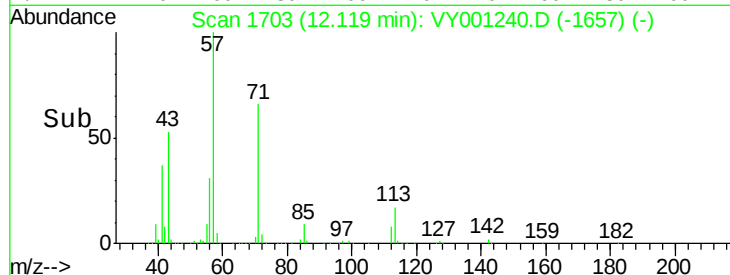
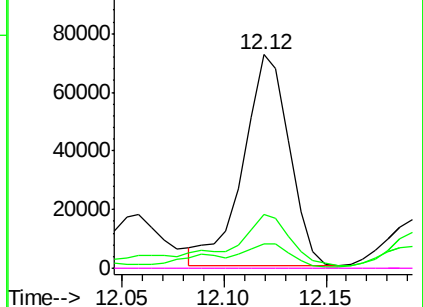


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0



#75

1,1,2,2-Tetrachloroethane

Concen: 4.678 ug/l

RT: 12.54 min Scan# 1772

Delta R.T. -0.04 min

Lab File: VY001240.D

Acq: 16 Jan 2020 00:27

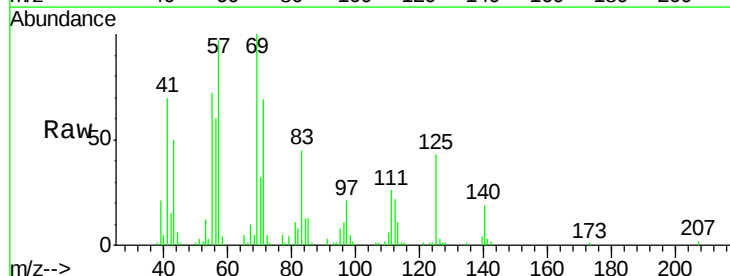
Tgt Ion: 83 Resp: 7202

Ion Ratio Lower Upper

83 100

131 0.4 5.1 15.3#

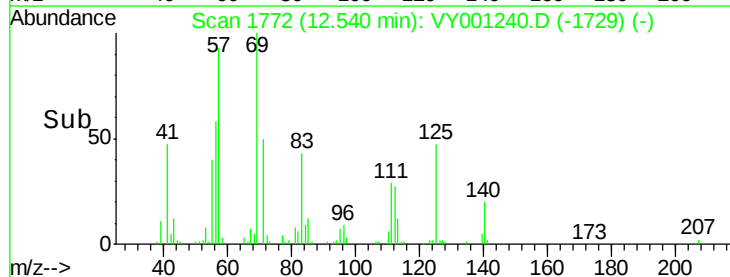
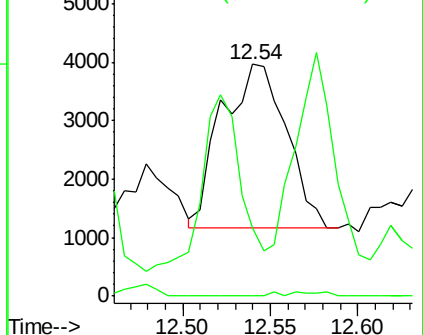
85 0.0 32.2 96.6#

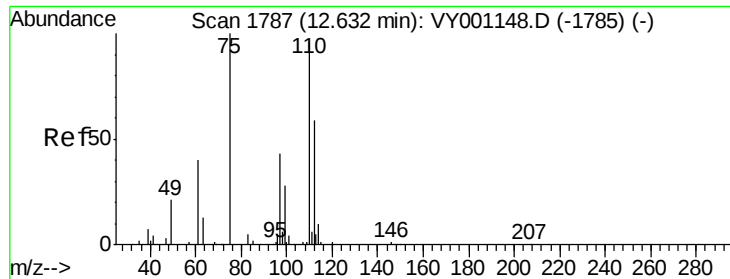


Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0





#76

1,2,3-Trichloropropane

Concen: 49.435 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY001240.D

Acq: 16 Jan 2020 00:27

Instrument :

MSVOA_Y

ClientSampleId :

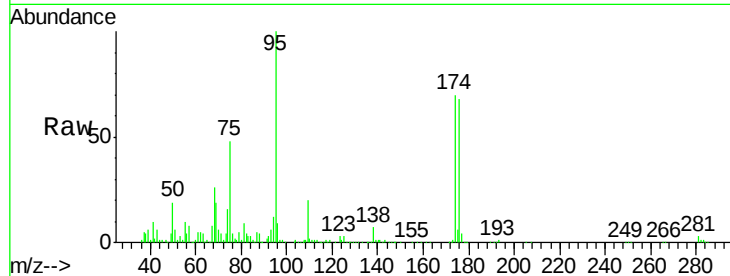
WP022SB456_200113_36-38

Tgt Ion: 75 Resp: 51505

Ion Ratio Lower Upper

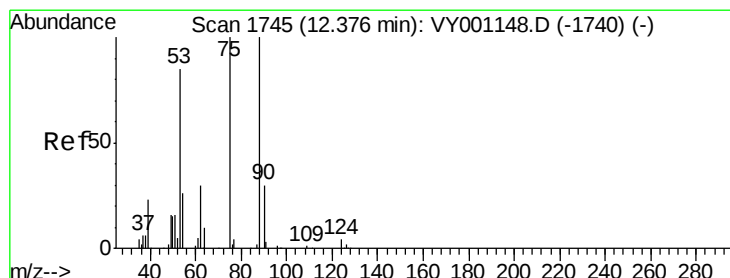
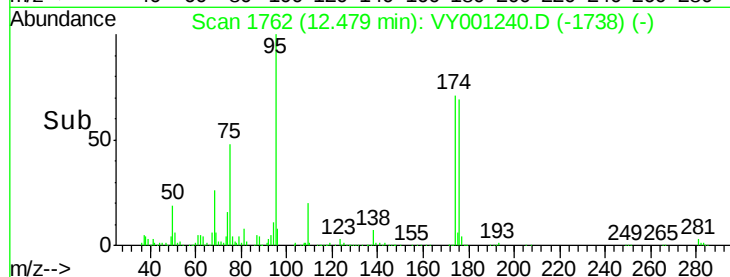
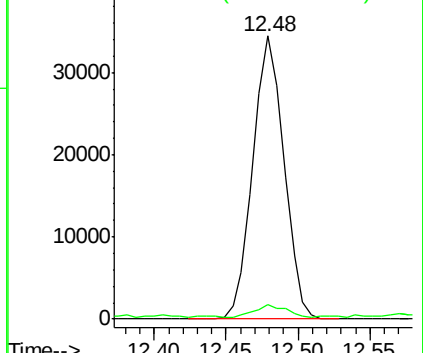
75 100

77 4.5 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: 83.830 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY001240.D

Acq: 16 Jan 2020 00:27

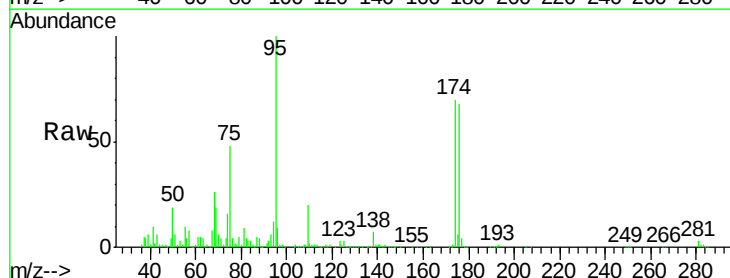
Tgt Ion: 75 Resp: 51505

Ion Ratio Lower Upper

75 100

53 5.4 69.4 104.2#

89 0.4 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

