

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011720\
 Data File : VY001283.D
 Acq On : 17 Jan 2020 21:59
 Operator : SY/MD
 Sample : L1010-06
 Misc : 6.39G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-011620

Quant Time: Jan 18 03:27:55 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	7.83	168	192081	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.72	114	342073	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.51	117	281916	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.44	152	95415	50.00	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.18	65	105089	51.80	ug/l	0.03
Spiked Amount	50.000		Recovery	=	103.60%	
35) Dibromofluoromethane	7.76	113	99817	49.84	ug/l	0.04
Spiked Amount	50.000		Recovery	=	99.68%	
50) Toluene-d8	10.21	98	393202	50.95	ug/l	0.02
Spiked Amount	50.000		Recovery	=	101.90%	
62) 4-Bromofluorobenzene	12.50	95	118729	37.63	ug/l	0.02
Spiked Amount	50.000		Recovery	=	75.26%	

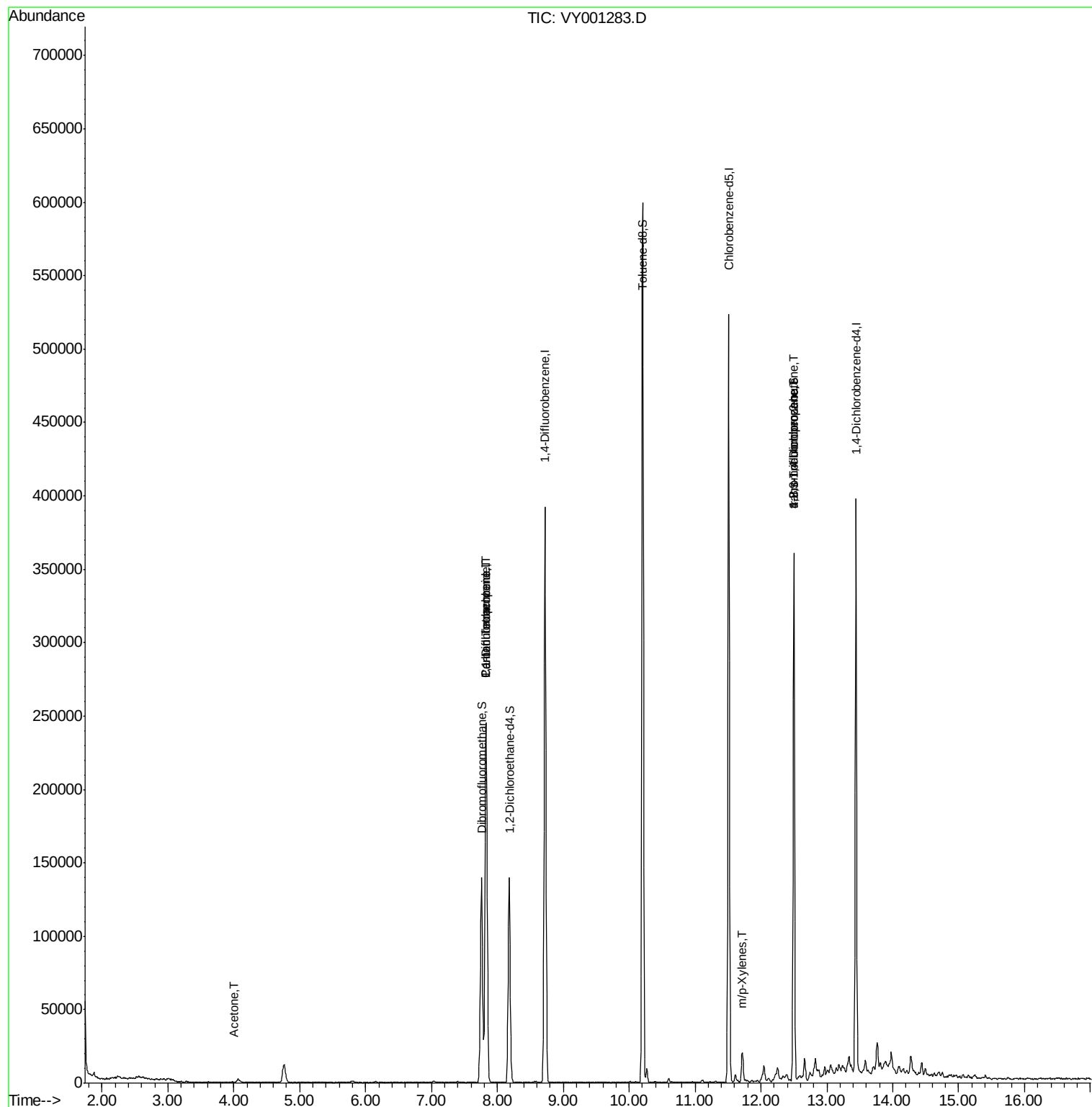
Target Compounds						Qvalue
16) Acetone	4.00	43	838	1.78	ug/l	# 71
20) Methylene Chloride	4.77	84	9701	Below	Cal	90
36) 1,1-Dichloropropene	7.83	75	14452	4.64	ug/l	# 49
38) Carbon Tetrachloride	7.83	117	18627	6.52	ug/l	# 14
68) m/p-Xylenes	11.72	106	6431	1.65	ug/l	88
76) 1,2,3-Trichloropropane	12.50	75	57376	56.17	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.50	75	57376	95.26	ug/l	# 6

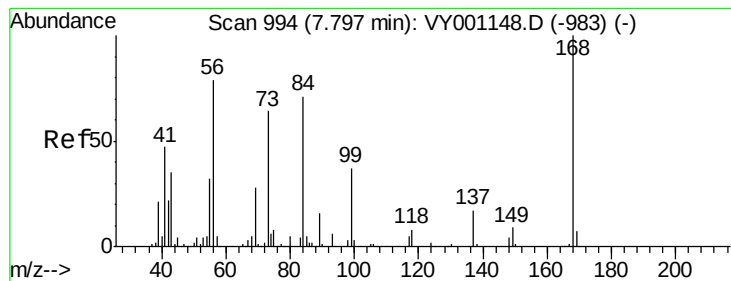
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.03 min

Lab File: VY001283.D

Acq: 17 Jan 2020 21:59

Instrument :

MSVOA_Y

ClientSampleId :

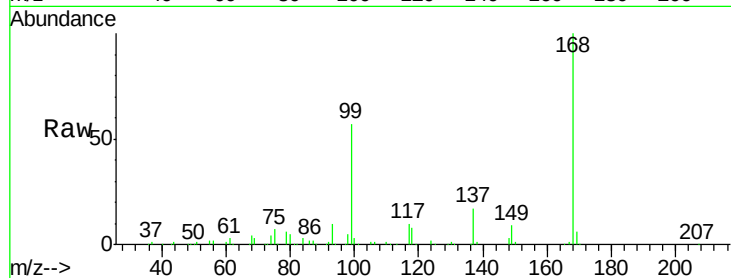
OK-02-011620

Tgt Ion:168 Resp: 192081

Ion Ratio Lower Upper

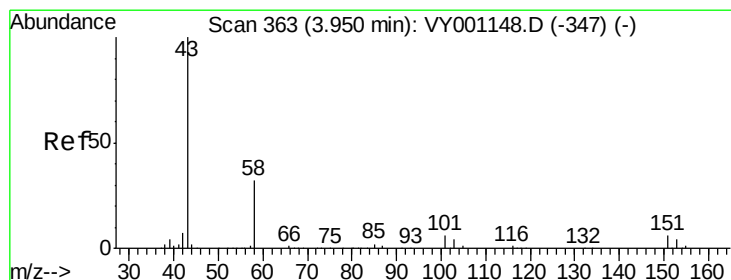
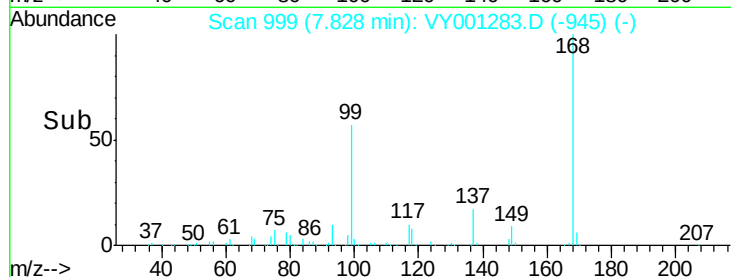
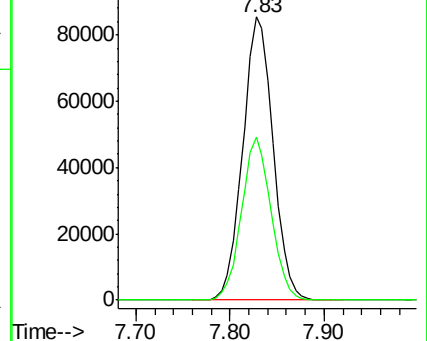
168 100

99 57.4 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) (-)



#16

Acetone

Concen: 1.78 ug/l

RT: 4.00 min Scan# 371

Delta R.T. 0.05 min

Lab File: VY001283.D

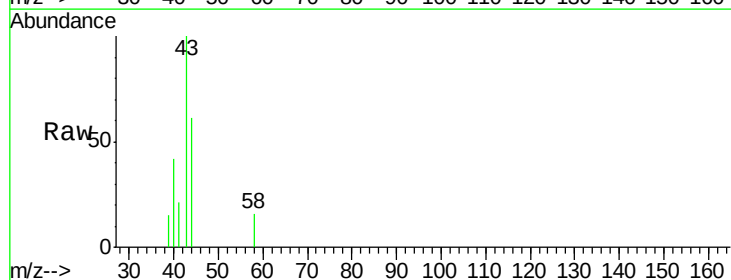
Acq: 17 Jan 2020 21:59

Tgt Ion: 43 Resp: 838

Ion Ratio Lower Upper

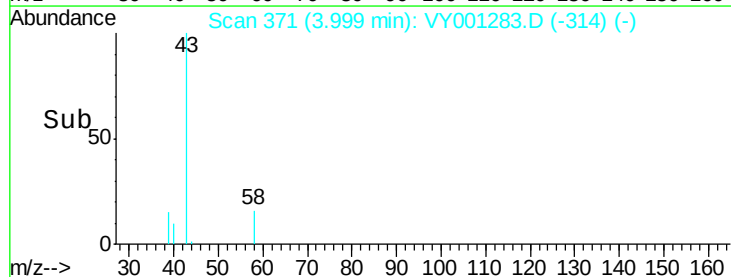
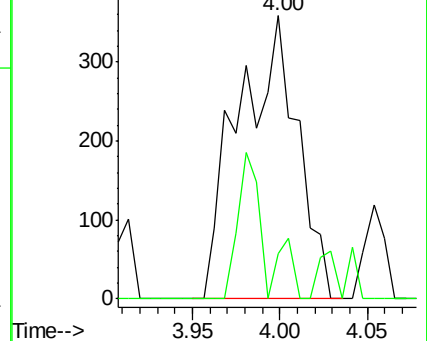
43 100

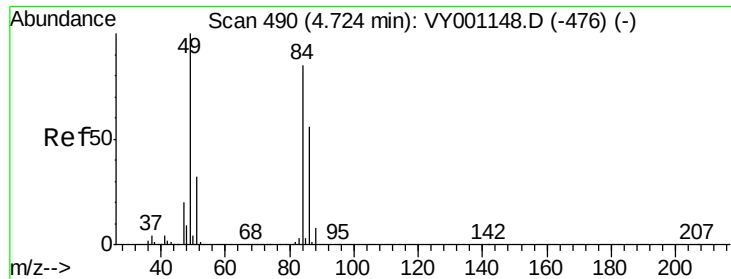
58 15.9 25.8 38.6#



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

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

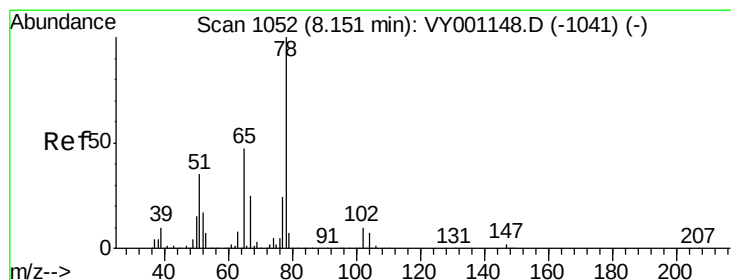
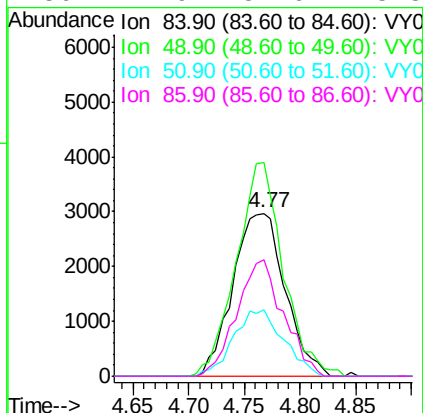
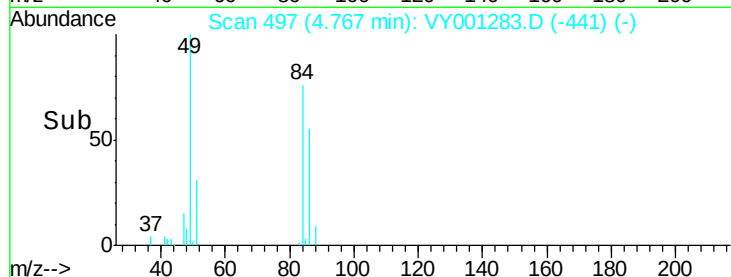
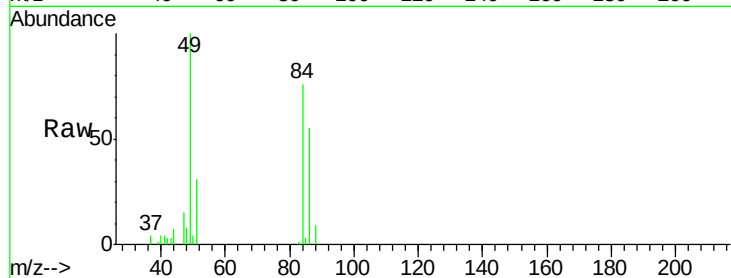




#20
Methylene Chloride
Concen: Below Cal
RT: 4.77 min Scan# 497
Delta R.T. 0.04 min
Lab File: VY001283.D
Acq: 17 Jan 2020 21:59

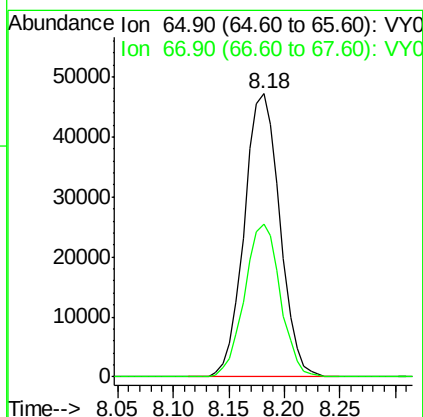
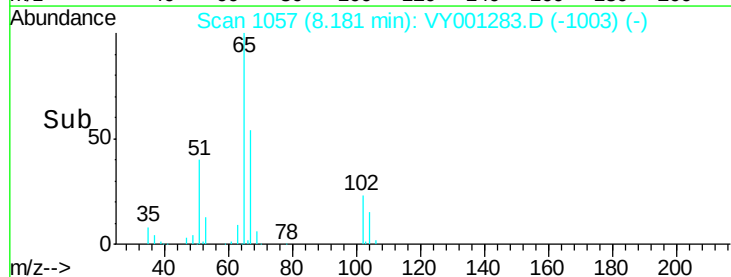
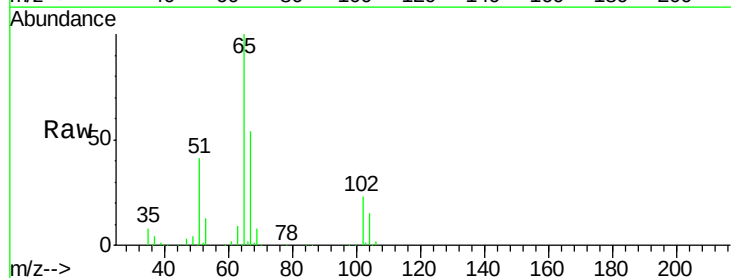
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-011620

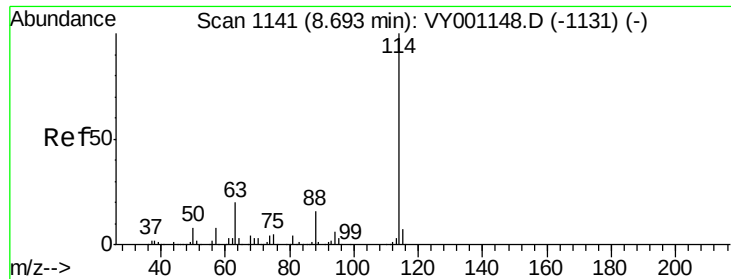
Tgt Ion:	84	Resp:	9701
Ion	Ratio	Lower	Upper
84	100		
49	131.4	93.8	140.6
51	41.3	29.9	44.9
86	71.9	52.6	78.8



#33
1,2-Dichloroethane-d4
Concen: 51.80 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.03 min
Lab File: VY001283.D
Acq: 17 Jan 2020 21:59

Tgt Ion:	65	Resp:	105089
Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	105.2

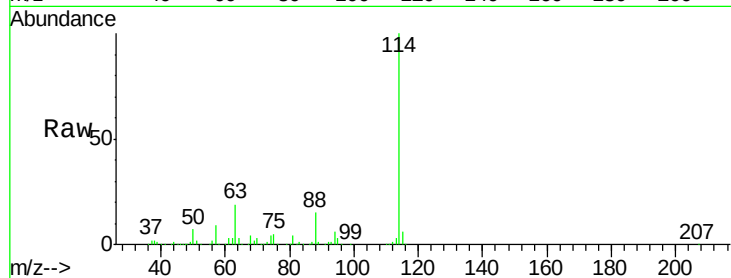




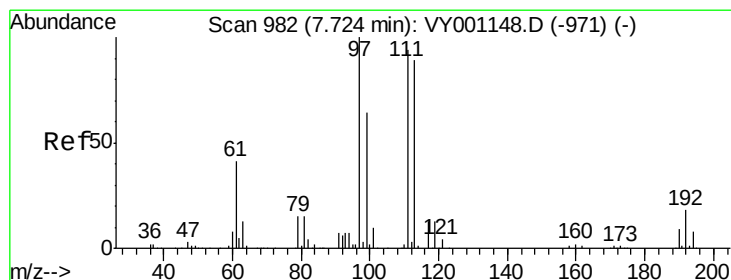
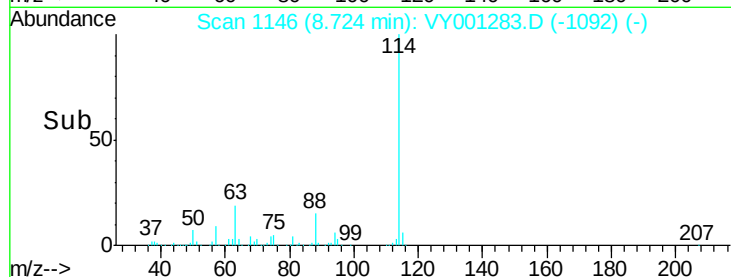
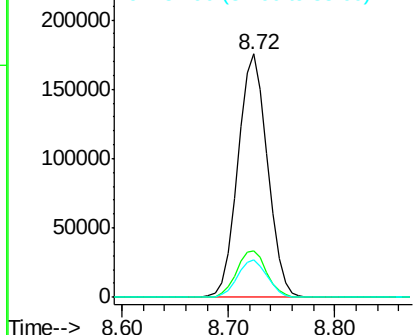
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.72 min Scan# 1146
 Delta R.T. 0.03 min
 Lab File: VY001283.D
 Acq: 17 Jan 2020 21:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-011620

Tgt Ion:114 Resp: 342073
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 40.8
 88 15.3 0.0 32.4

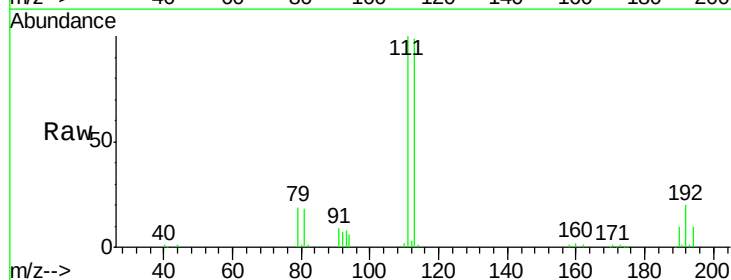


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

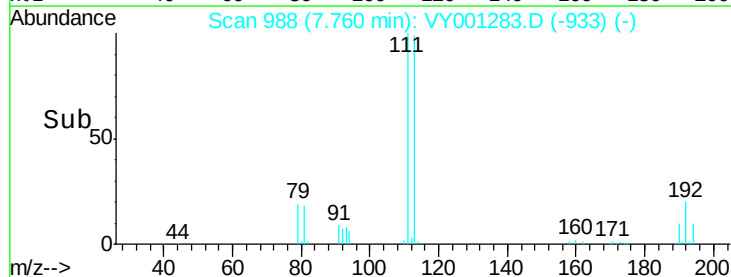
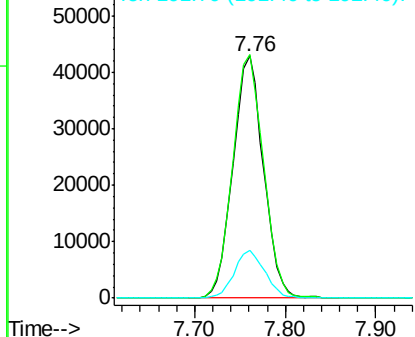


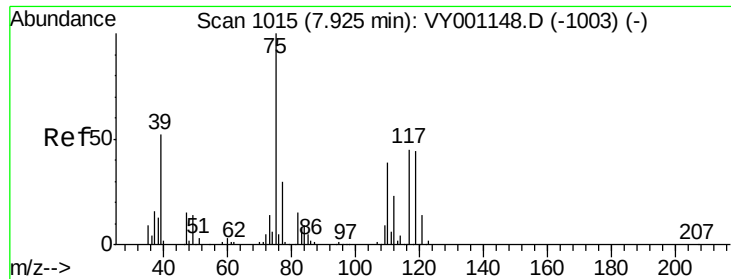
#35
 Dibromofluoromethane
 Concen: 49.84 ug/l
 RT: 7.76 min Scan# 988
 Delta R.T. 0.04 min
 Lab File: VY001283.D
 Acq: 17 Jan 2020 21:59

Tgt Ion:113 Resp: 99817
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.9 124.3
 192 19.7 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

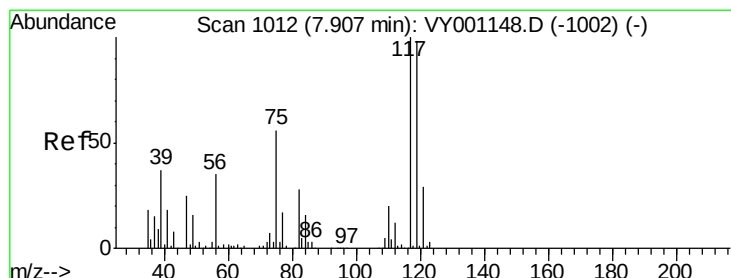
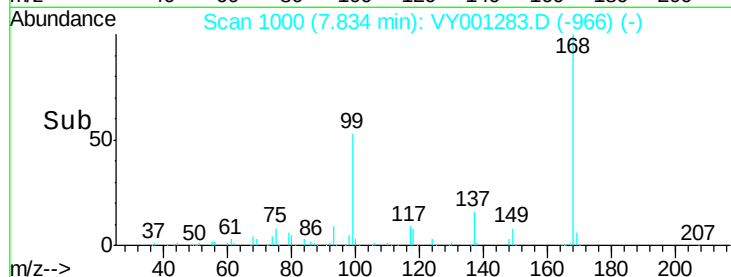
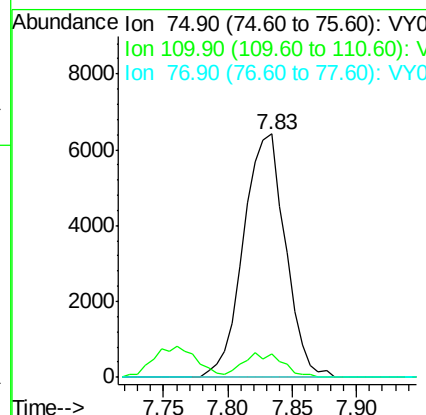
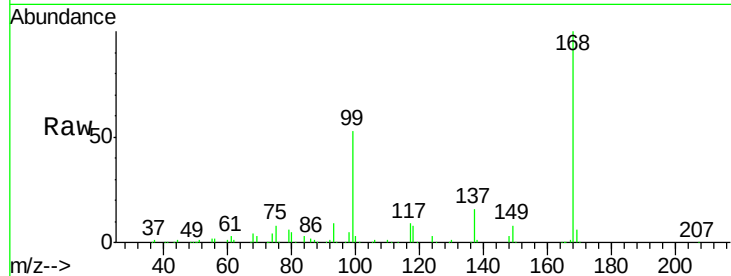




#36
 1,1-Dichloropropene
 Concen: 4.64 ug/l
 RT: 7.83 min Scan# 1000
 Delta R.T. -0.09 min
 Lab File: VY001283.D
 Acq: 17 Jan 2020 21:59

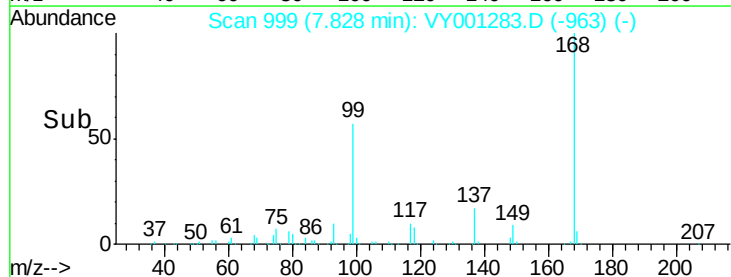
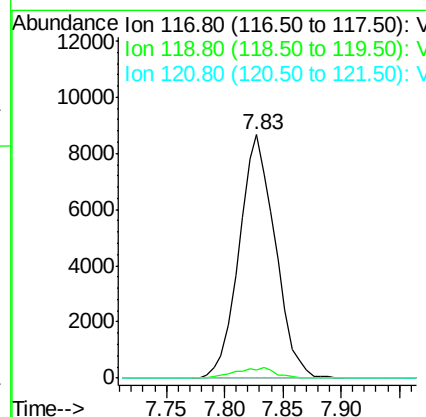
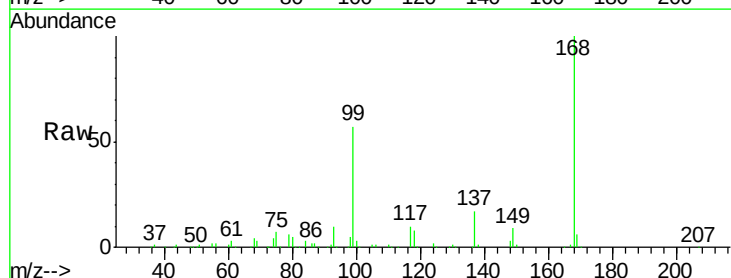
Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-011620

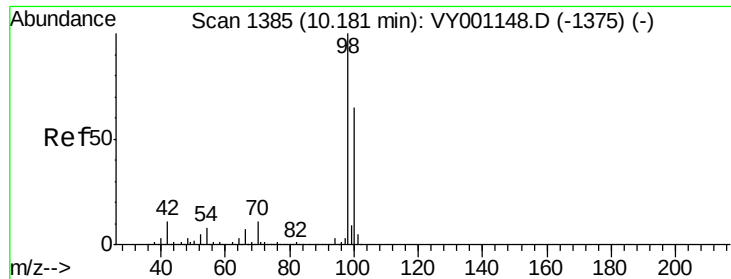
Tgt Ion: 75 Resp: 14452
 Ion Ratio Lower Upper
 75 100
 110 9.5 18.3 54.8#
 77 0.0 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 6.52 ug/l
 RT: 7.83 min Scan# 999
 Delta R.T. -0.08 min
 Lab File: VY001283.D
 Acq: 17 Jan 2020 21:59

Tgt Ion: 117 Resp: 18627
 Ion Ratio Lower Upper
 117 100
 119 3.5 78.3 117.5#
 121 0.0 23.5 35.3#





#50

Toluene-d8

Concen: 50.95 ug/l

RT: 10.21 min Scan# 1389

Delta R.T. 0.02 min

Lab File: VY001283.D

Acq: 17 Jan 2020 21:59

Instrument :

MSVOA_Y

ClientSampleId :

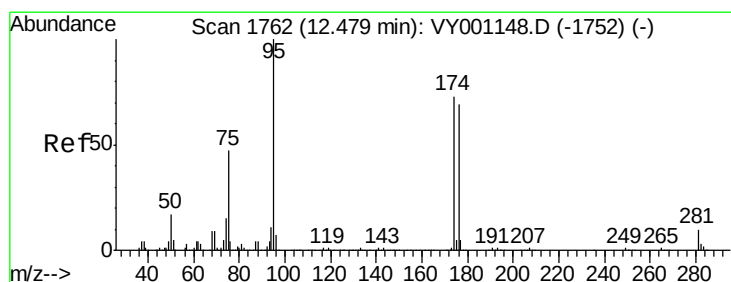
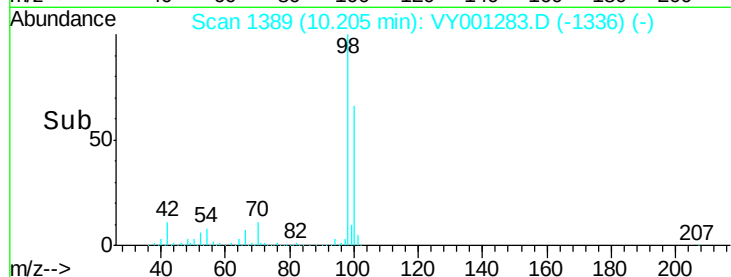
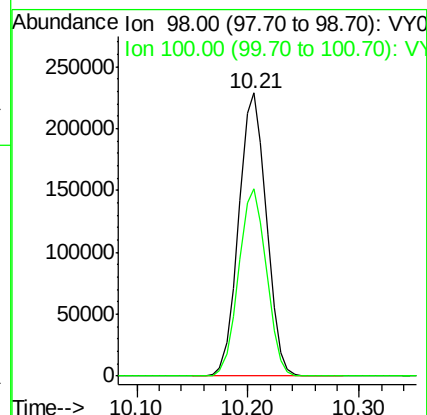
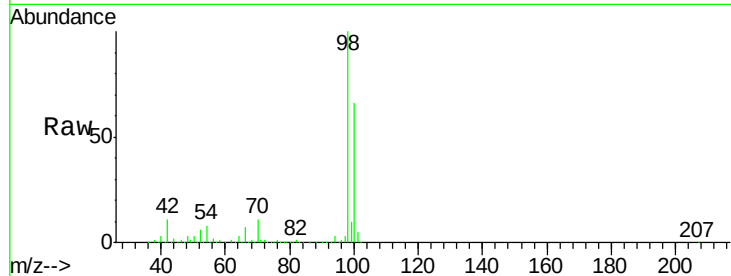
OK-02-011620

Tgt Ion: 98 Resp: 393202

Ion Ratio Lower Upper

98 100

100 66.5 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 37.63 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.02 min

Lab File: VY001283.D

Acq: 17 Jan 2020 21:59

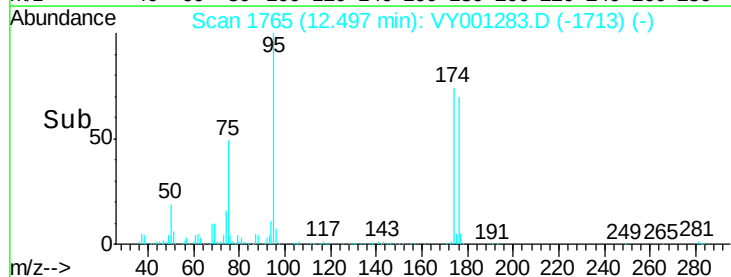
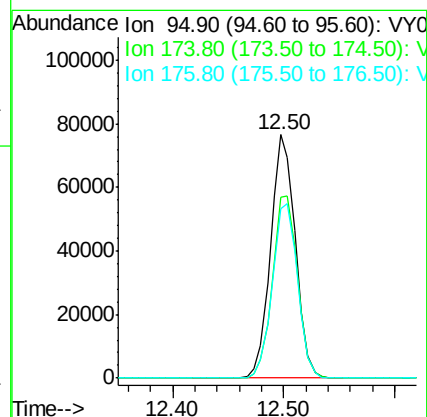
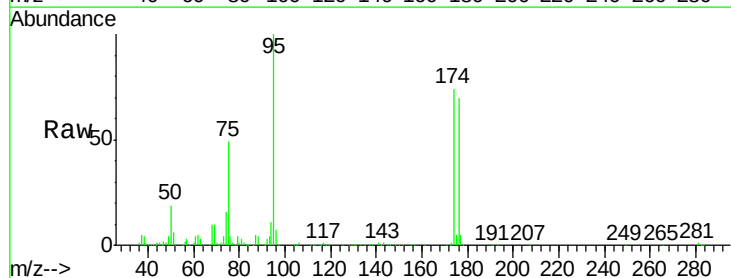
Tgt Ion: 95 Resp: 118729

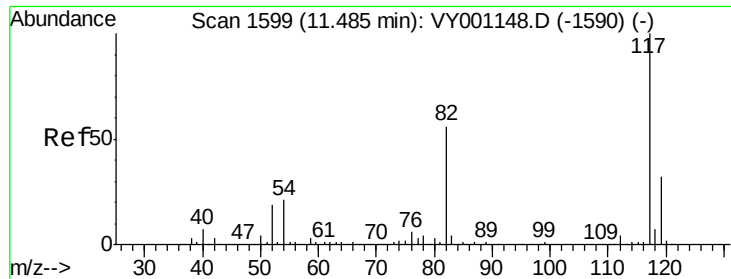
Ion Ratio Lower Upper

95 100

174 75.8 0.0 143.2

176 73.1 0.0 136.0

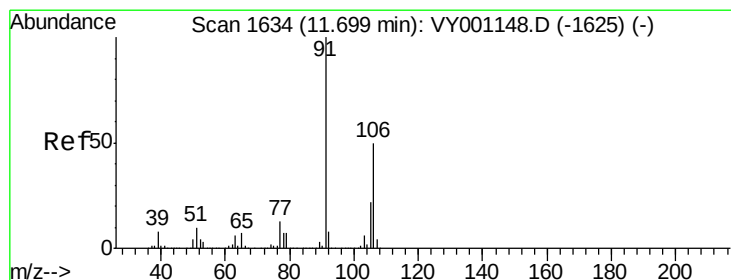
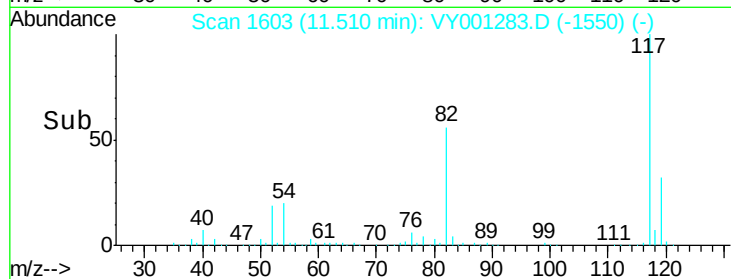
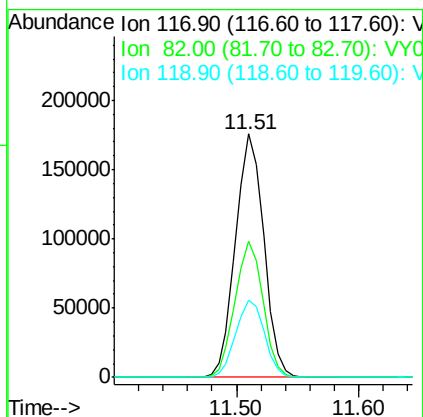
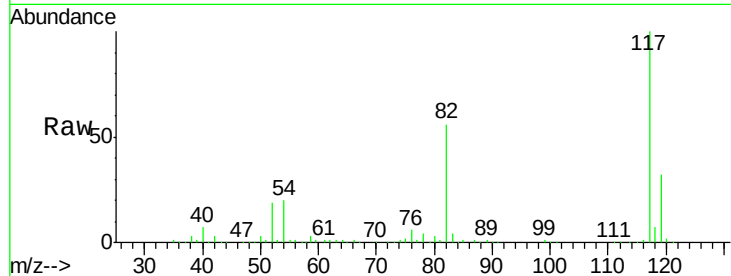




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.02 min
Lab File: VY001283.D
Acq: 17 Jan 2020 21:59

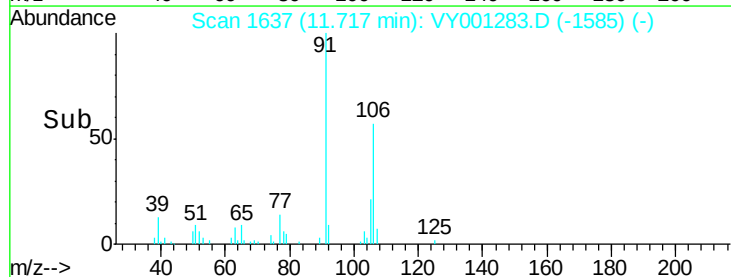
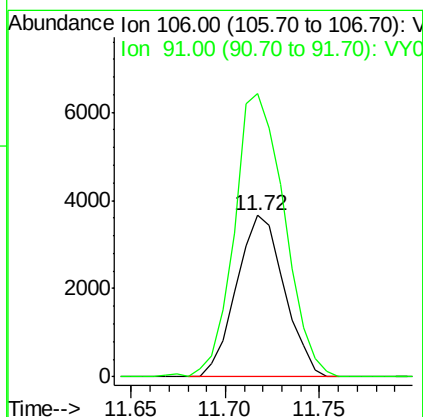
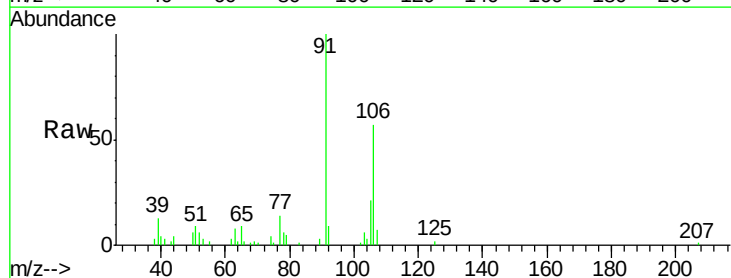
Instrument :
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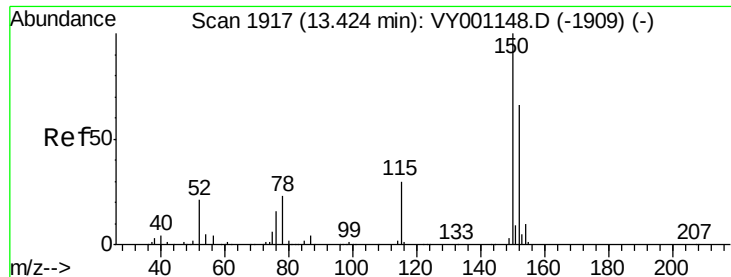
Tgt Ion:117 Resp: 281916
Ion Ratio Lower Upper
117 100
82 56.0 44.9 67.3
119 31.7 25.7 38.5



#68
m/p-Xylenes
Concen: 1.65 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.02 min
Lab File: VY001283.D
Acq: 17 Jan 2020 21:59

Tgt Ion:106 Resp: 6431
Ion Ratio Lower Upper
106 100
91 183.5 161.4 242.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.02 min

Lab File: VY001283.D

Acq: 17 Jan 2020 21:59

Instrument :

MSVOA_Y

ClientSampleId :

OK-02-011620

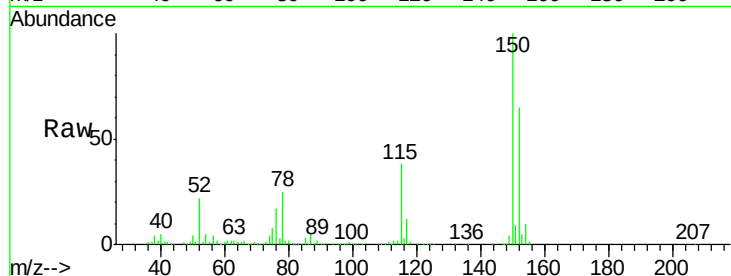
Tgt Ion:152 Resp: 95415

Ion Ratio Lower Upper

152 100

115 59.6 30.9 92.5

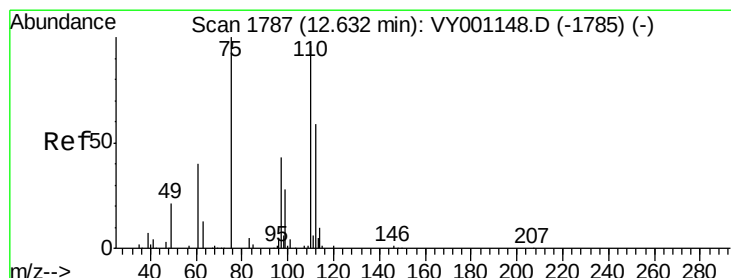
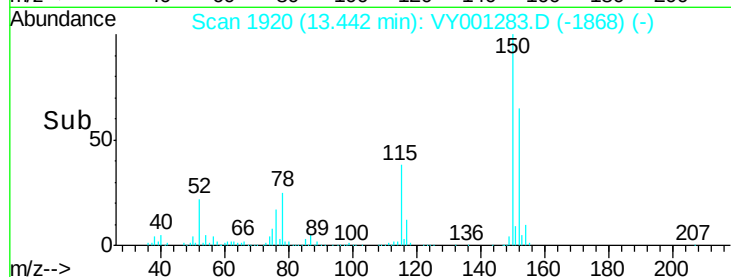
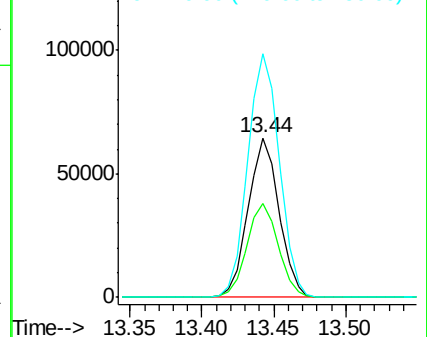
150 156.4 0.0 346.8



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: 56.17 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. -0.13 min

Lab File: VY001283.D

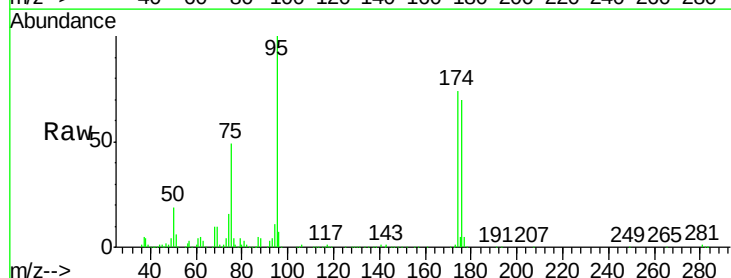
Acq: 17 Jan 2020 21:59

Tgt Ion: 75 Resp: 57376

Ion Ratio Lower Upper

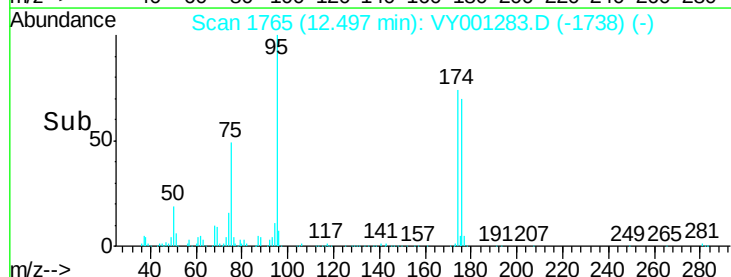
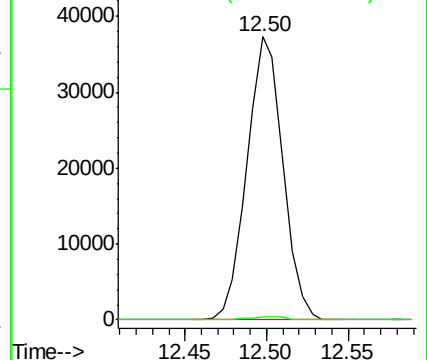
75 100

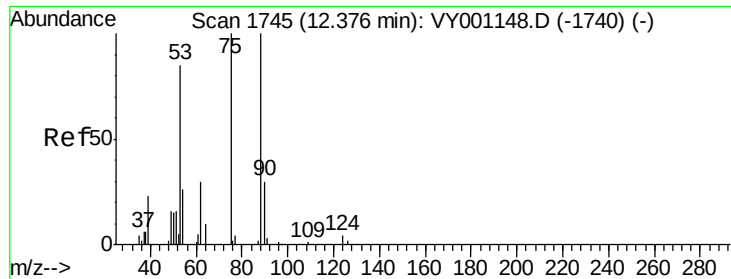
77 1.4 0.0 0.0#



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: 95.26 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.12 min

Lab File: VY001283.D

Acq: 17 Jan 2020 21:59

Instrument :

MSVOA_Y

ClientSampleId :

OK-02-011620

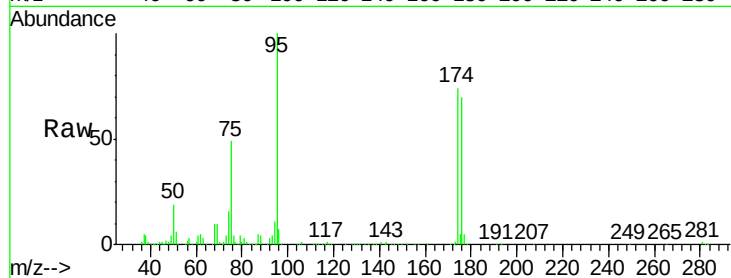
Tgt Ion: 75 Resp: 57376

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

