

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011520\
 Data File : VY001227.D
 Acq On : 15 Jan 2020 18:37
 Operator : SY/MD
 Sample : L1127-05
 Misc : 6.33G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 QVD-SB-03-1.5-2

Quant Time: Jan 16 04:52:22 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

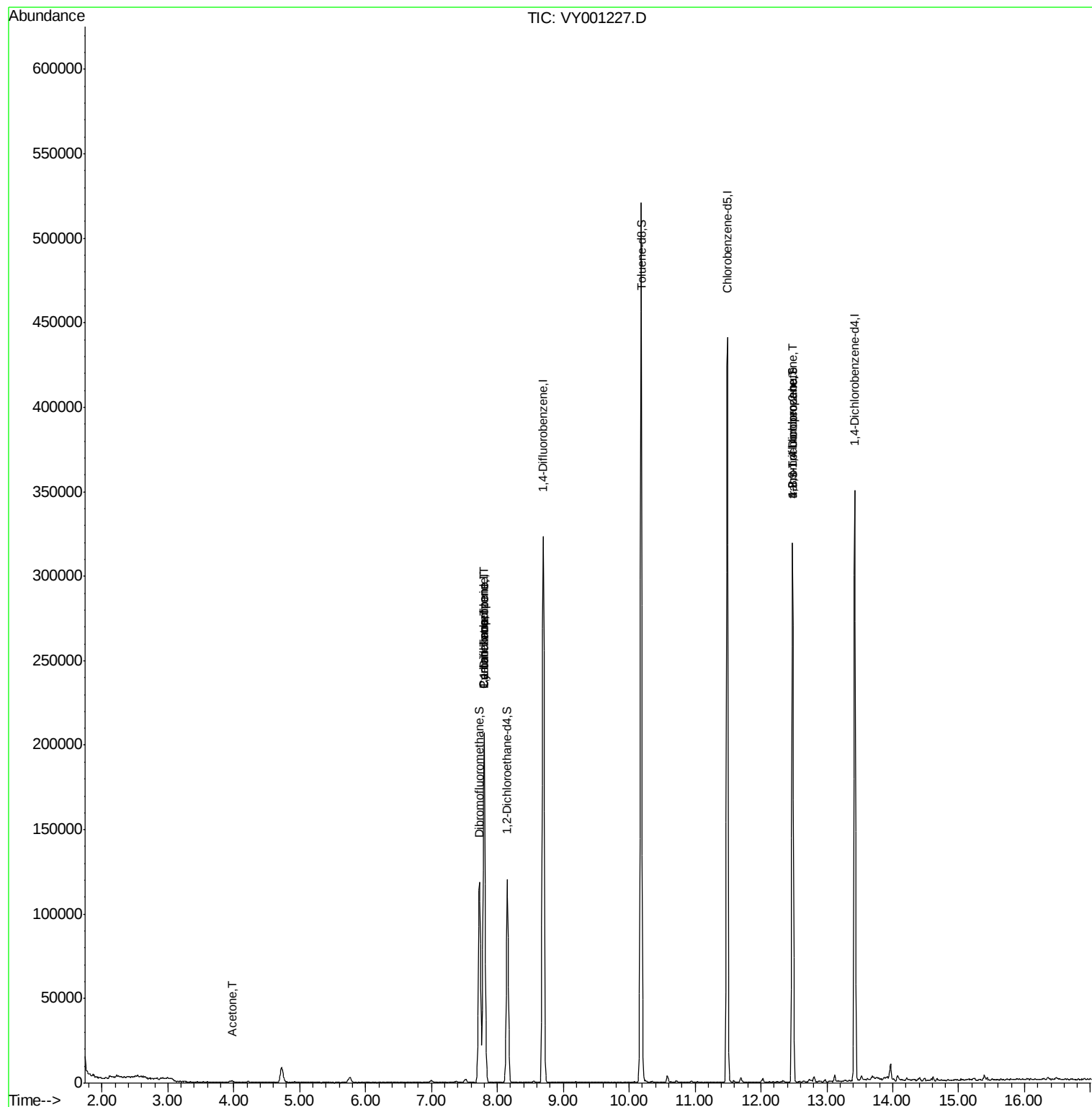
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	162291	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	290136	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	242664	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	84569	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	89132	52.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.00%	
35) Dibromofluoromethane	7.73	113	84815	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.86%	
50) Toluene-d8	10.18	98	335032	51.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.38%	
62) 4-Bromofluorobenzene	12.48	95	101906	38.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.16%	
Target Compounds						
16) Acetone	3.97	43	1877	4.715	ug/l	98
20) Methylene Chloride	4.73	84	6626	Below Cal		94
31) Cyclohexane	7.80	56	3499	1.055	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	12566	4.752	ug/l #	48
38) Carbon Tetrachloride	7.80	117	15637	6.452	ug/l #	14
76) 1,2,3-Trichloropropane	12.48	75	49613	54.802	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	49613	92.932	ug/l #	6

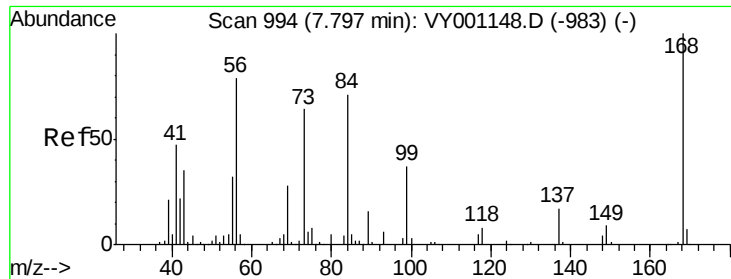
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001227.D

Acq: 15 Jan 2020 18:37

Instrument :

MSVOA_Y

ClientSampleId :

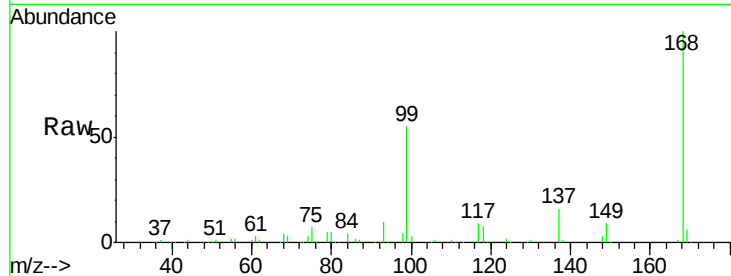
QVD-SB-03-1.5-2

Tgt Ion:168 Resp: 162291

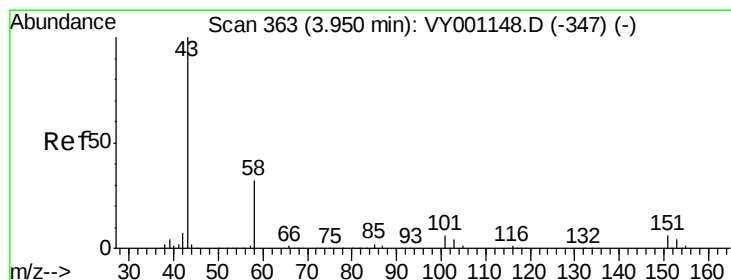
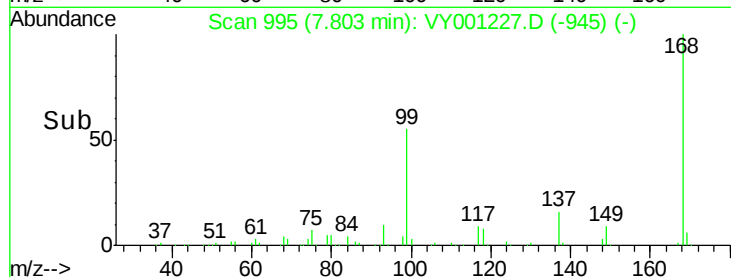
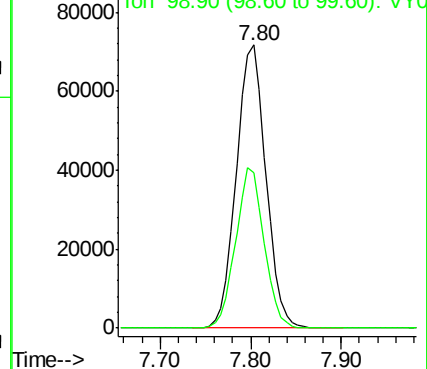
Ion Ratio Lower Upper

168 100

99 55.1 47.9 71.9



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



#16

Acetone

Concen: 4.715 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.02 min

Lab File: VY001227.D

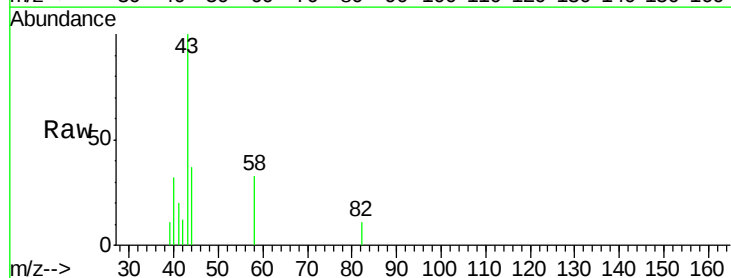
Acq: 15 Jan 2020 18:37

Tgt Ion: 43 Resp: 1877

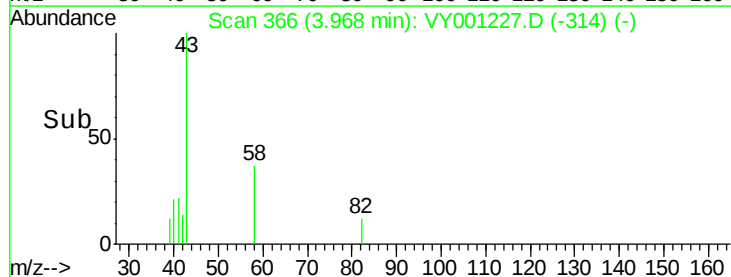
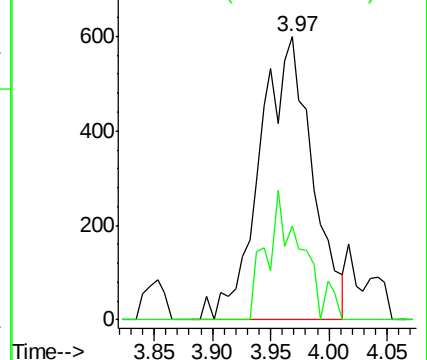
Ion Ratio Lower Upper

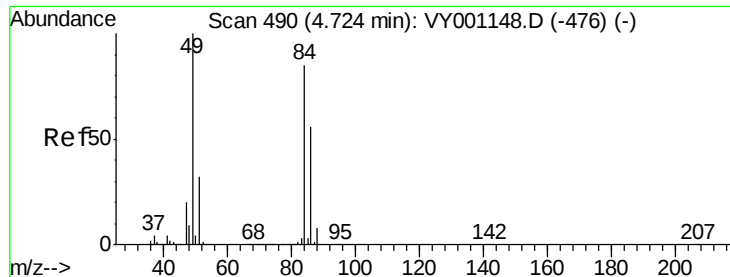
43 100

58 33.4 25.8 38.6



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

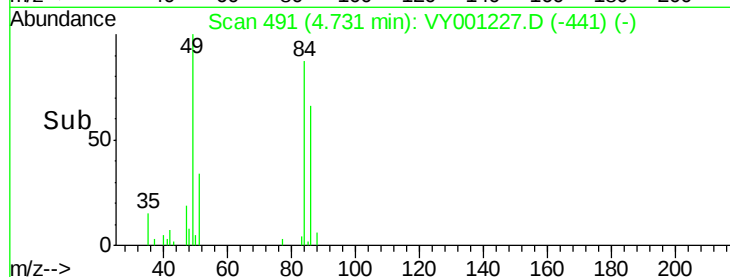
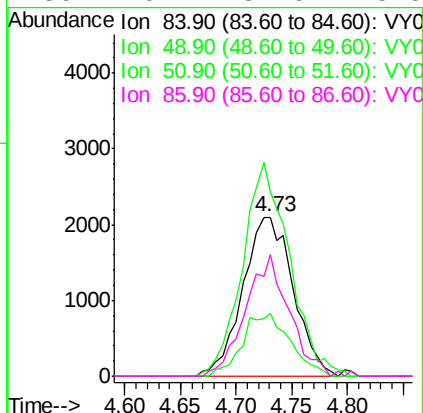
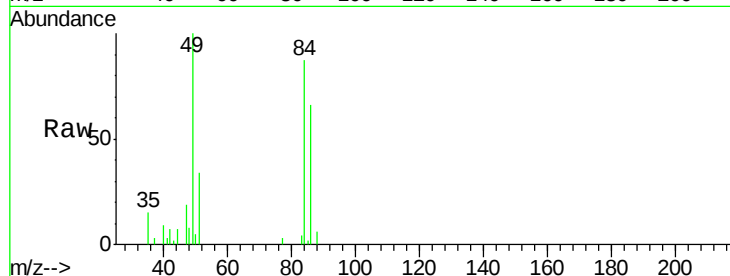




#20
Methylene Chloride
Concen: Below Cal
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY001227.D
Acq: 15 Jan 2020 18:37

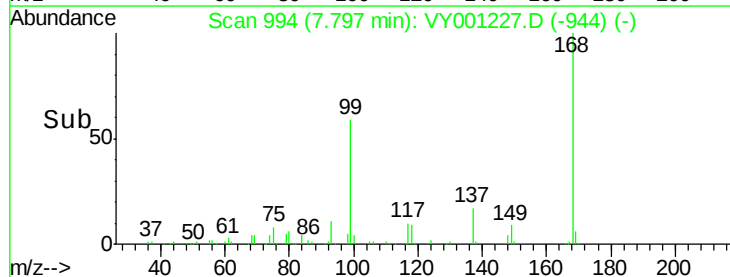
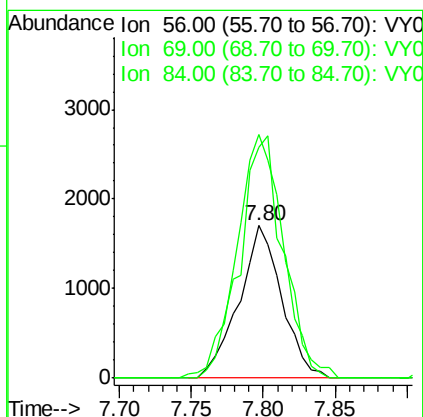
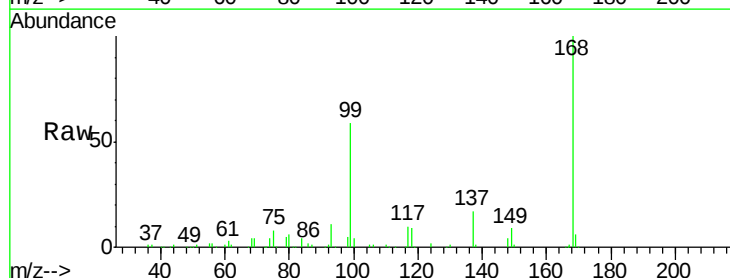
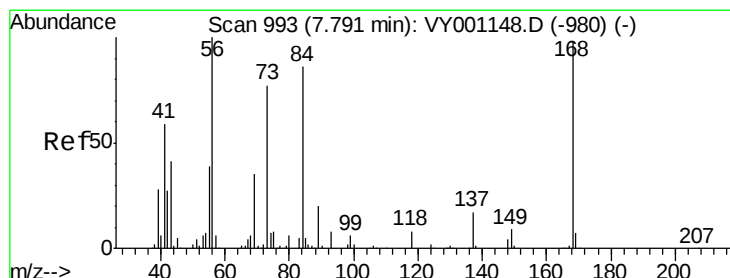
Instrument :
MSVOA_Y
ClientSampleId :
QVD-SB-03-1.5-2

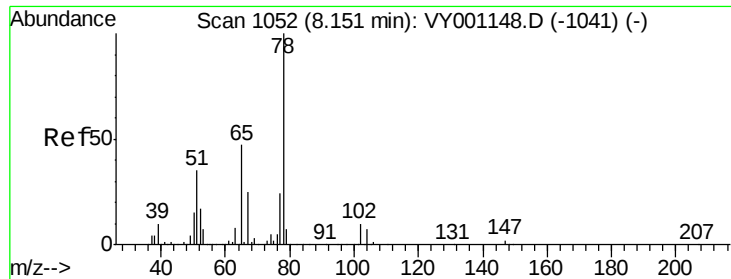
Tgt Ion:	84	Resp:	6626
Ion	Ratio	Lower	Upper
84	100		
49	115.5	93.8	140.6
51	39.4	29.9	44.9
86	76.7	52.6	78.8



#31
Cyclohexane
Concen: 1.055 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY001227.D
Acq: 15 Jan 2020 18:37

Tgt Ion:	56	Resp:	3499
Ion	Ratio	Lower	Upper
56	100		
69	159.7	27.8	41.8#
84	151.4	68.9	103.3#

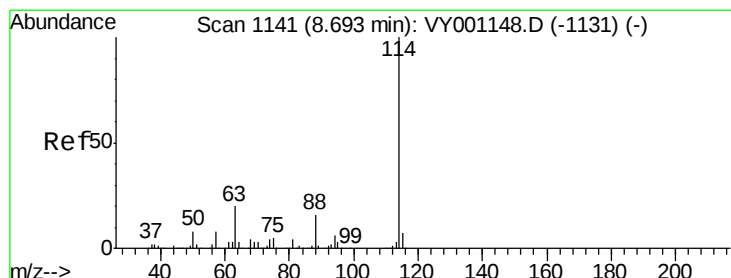
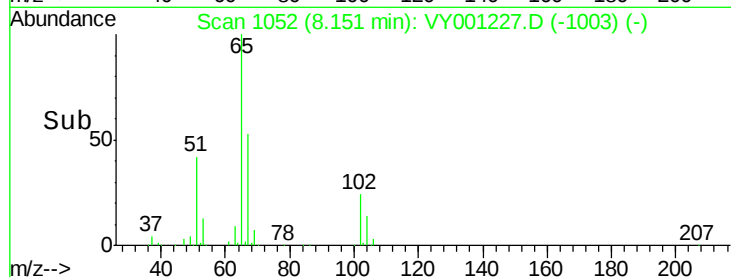
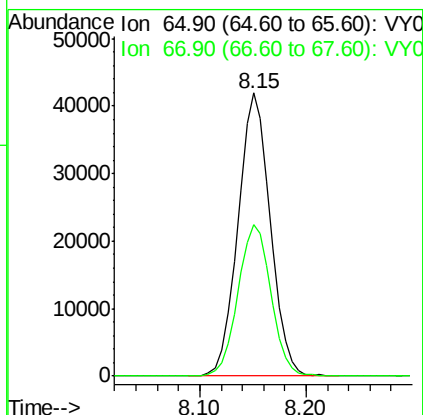
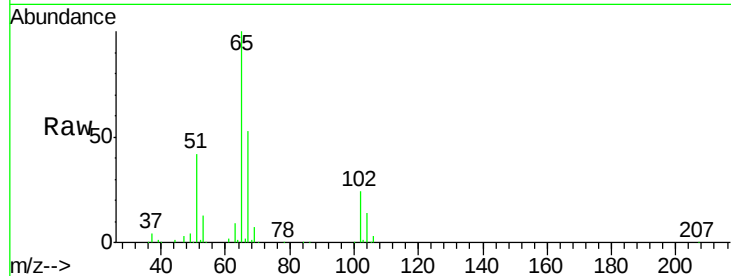




#33
 1,2-Dichloroethane-d4
 Concen: 52.000 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY001227.D
 Acq: 15 Jan 2020 18:37

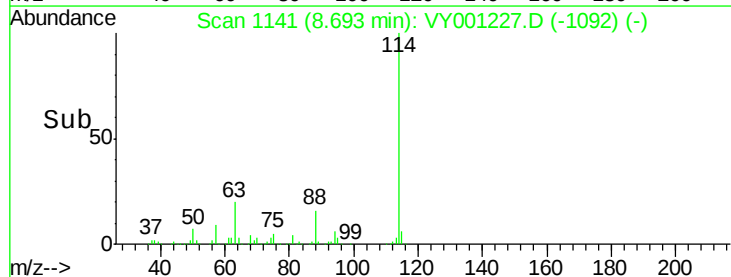
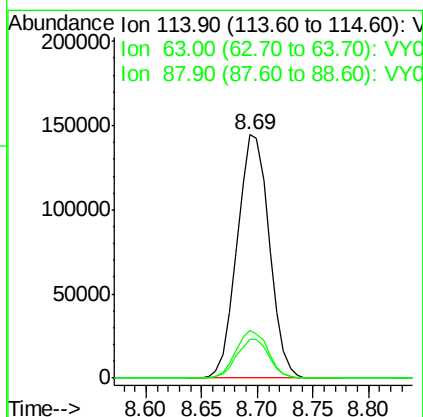
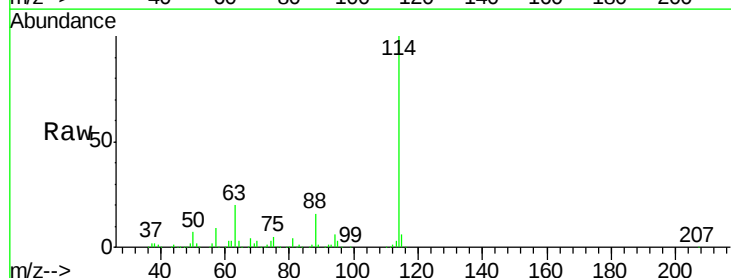
Instrument :
 MSVOA_Y
 ClientSampleId :
 QVD-SB-03-1.5-2

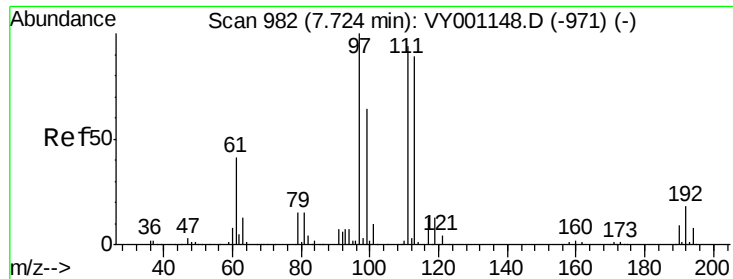
Tgt Ion: 65 Resp: 89132
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY001227.D
 Acq: 15 Jan 2020 18:37

Tgt Ion: 114 Resp: 290136
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.8
 88 15.9 0.0 32.4

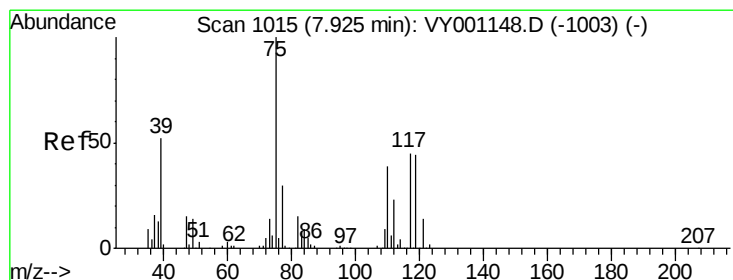
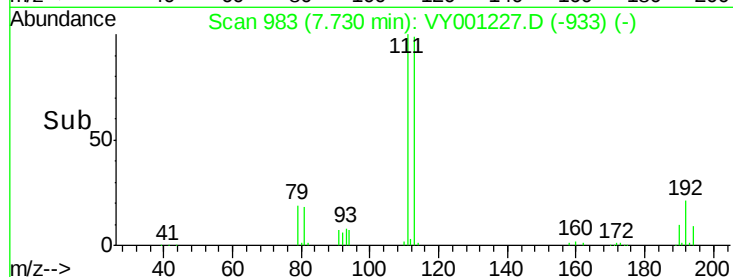
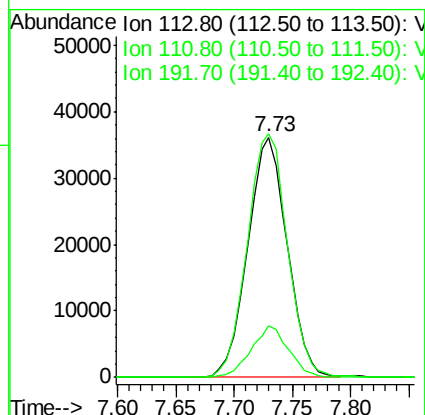
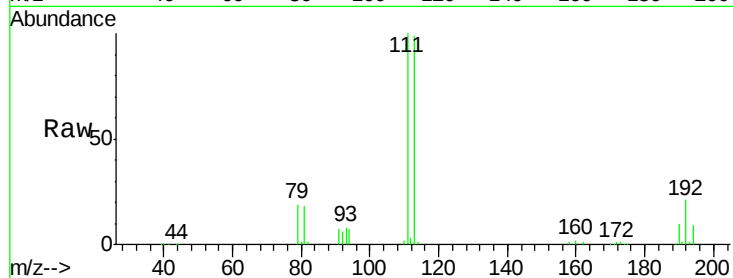




#35
 Dibromofluoromethane
 Concen: 49.928 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VY001227.D
 Acq: 15 Jan 2020 18:37

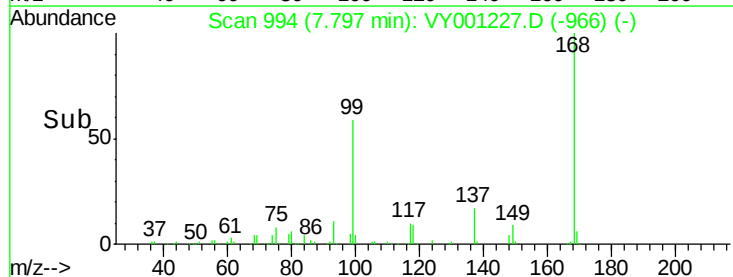
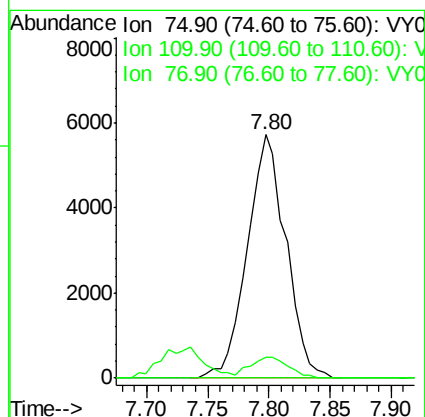
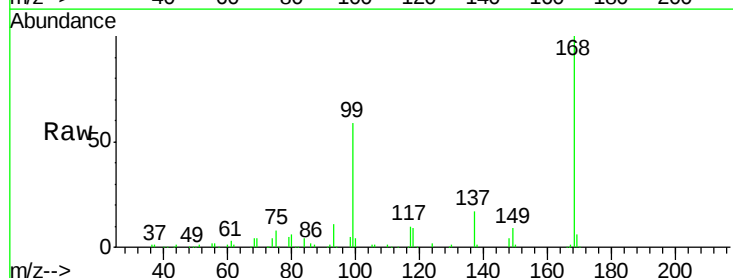
Instrument :
 MSVOA_Y
 ClientSampleId :
 QVD-SB-03-1.5-2

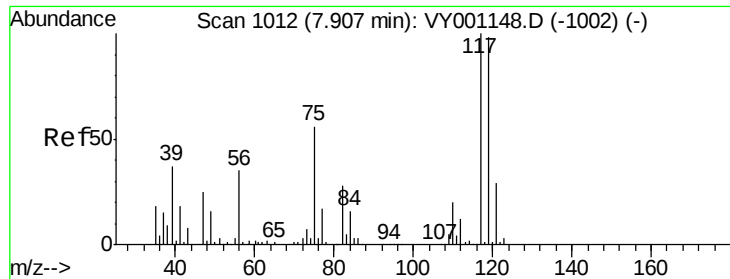
Tgt Ion:113 Resp: 84815
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.9 124.3
 192 20.2 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 4.752 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY001227.D
 Acq: 15 Jan 2020 18:37

Tgt Ion: 75 Resp: 12566
 Ion Ratio Lower Upper
 75 100
 110 8.6 18.3 54.8#
 77 0.0 25.1 37.7#

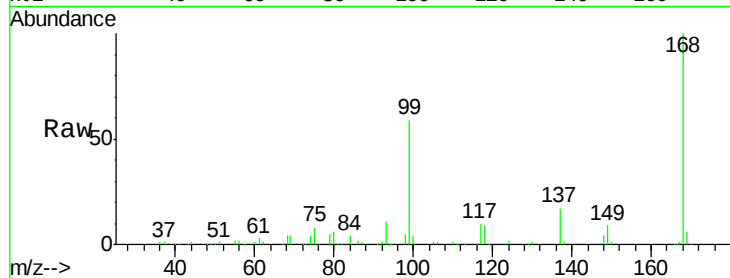




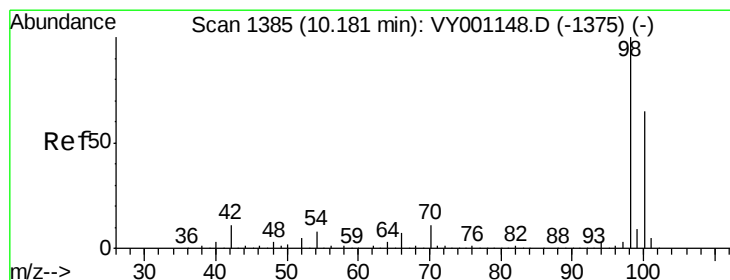
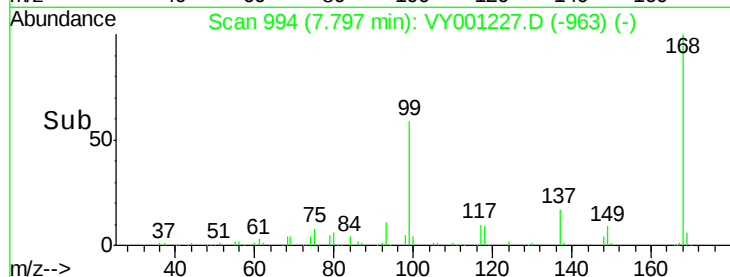
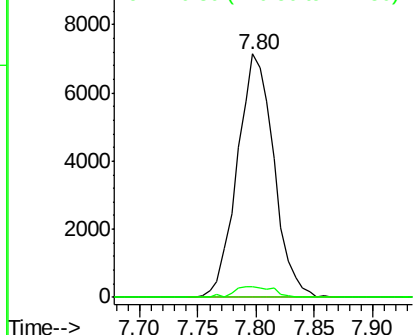
#38
Carbon Tetrachloride
Concen: 6.452 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.11 min
Lab File: VY001227.D
Acq: 15 Jan 2020 18:37

Instrument :
MSVOA_Y
ClientSampleId :
QVD-SB-03-1.5-2

Tgt Ion:117 Resp: 15637
Ion Ratio Lower Upper
117 100
119 4.2 78.3 117.5#
121 0.0 23.5 35.3#

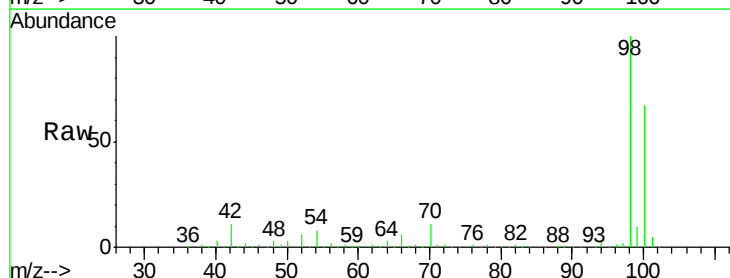


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

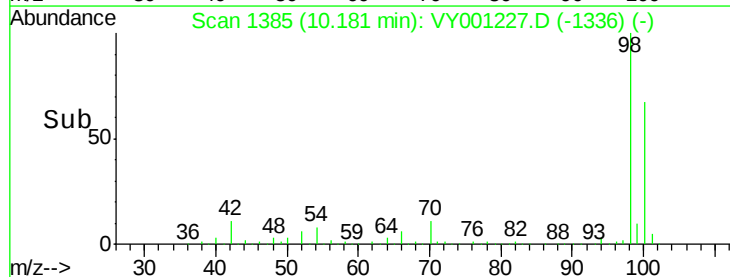
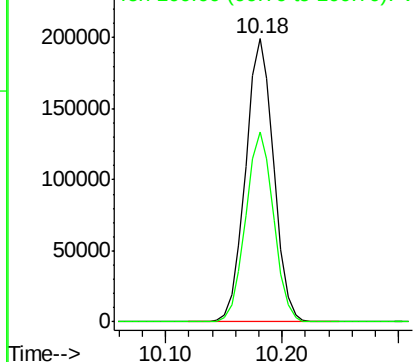


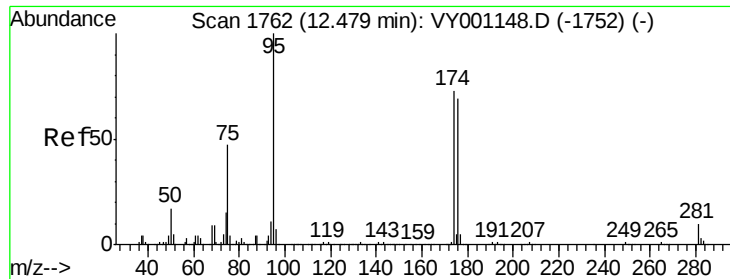
#50
Toluene-d8
Concen: 51.185 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY001227.D
Acq: 15 Jan 2020 18:37

Tgt Ion: 98 Resp: 335032
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7



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

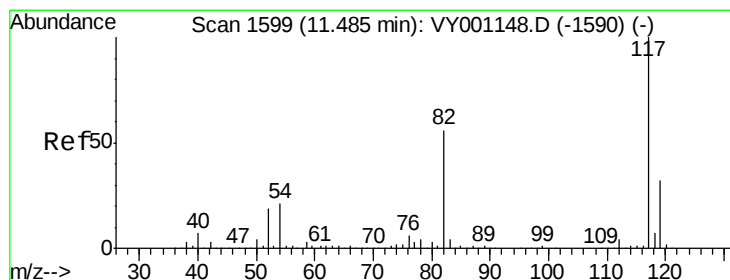
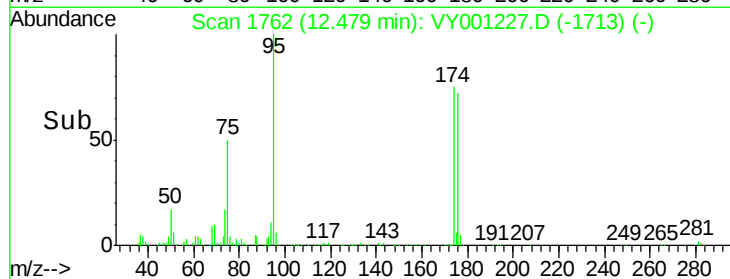
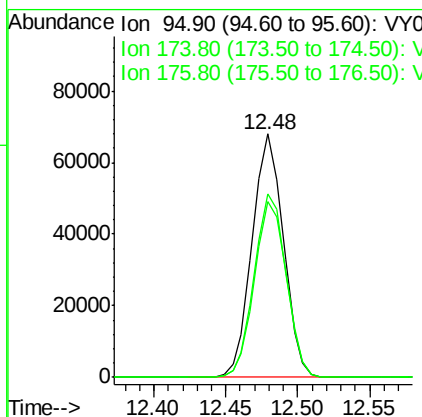
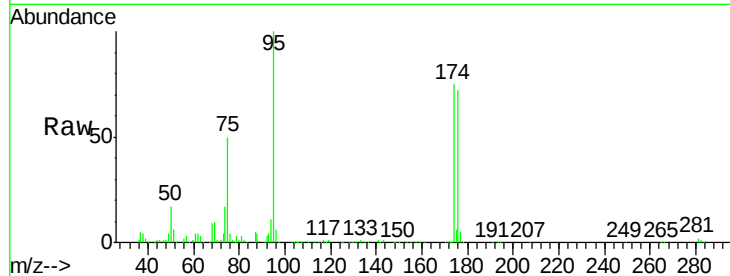




#62
4-Bromofluorobenzene
Concen: 38.081 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY001227.D
Acq: 15 Jan 2020 18:37

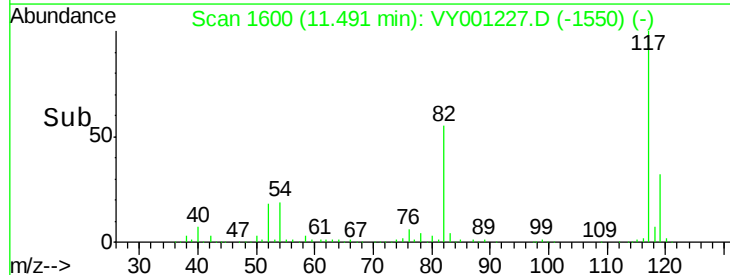
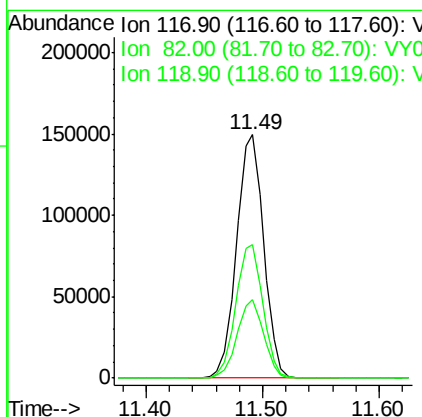
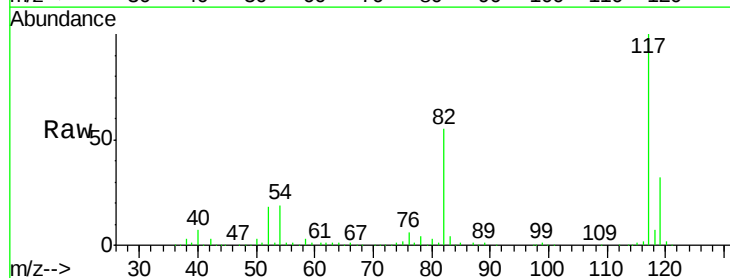
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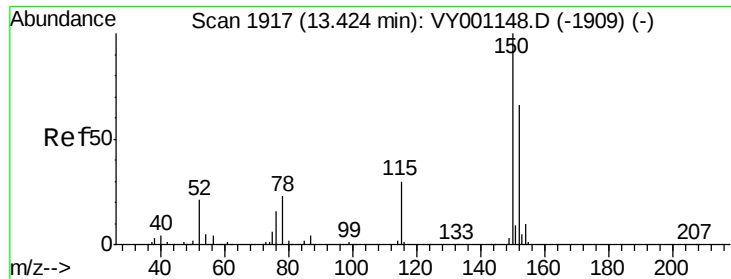
Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.9	0.0	143.2
176	73.8	0.0	136.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001227.D
Acq: 15 Jan 2020 18:37

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.9	44.9	67.3
119	32.1	25.7	38.5



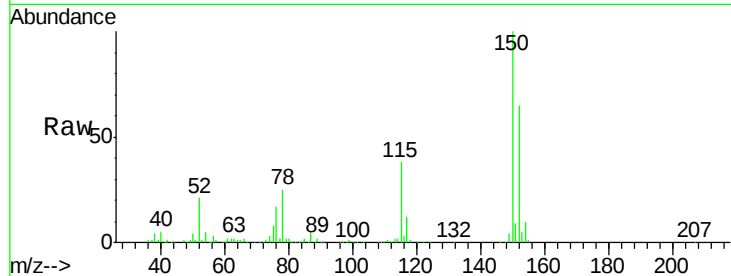


#72

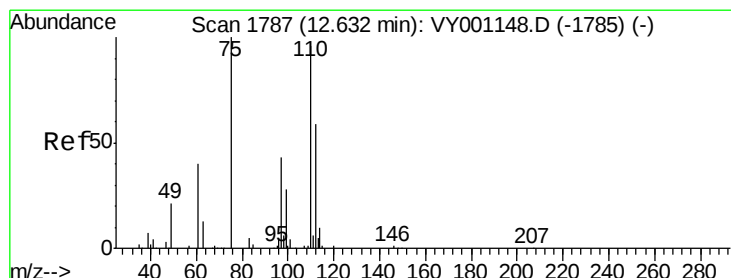
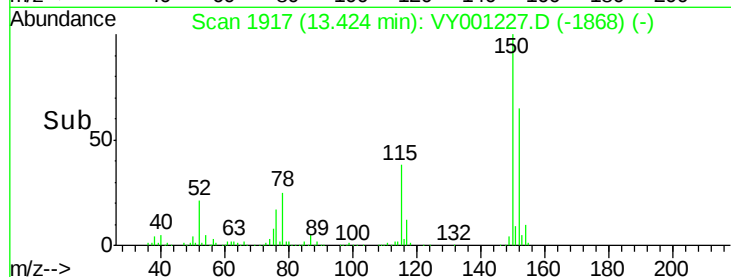
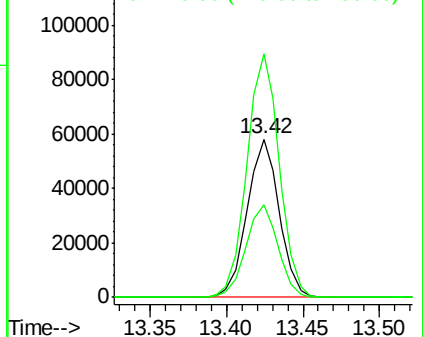
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY001227.D
Acq: 15 Jan 2020 18:37

Instrument :
MSVOA_Y
ClientSampleId :
QVD-SB-03-1.5-2

Tgt Ion:152 Resp: 84569
Ion Ratio Lower Upper
152 100
115 58.8 30.9 92.5
150 155.5 0.0 346.8



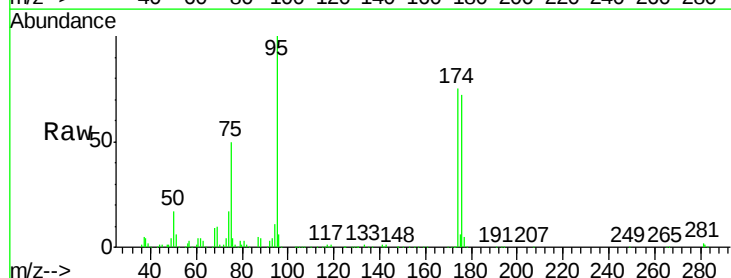
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



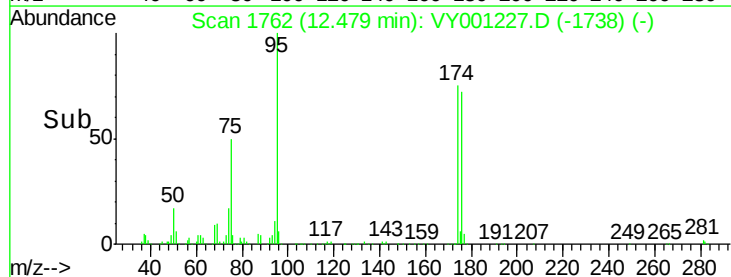
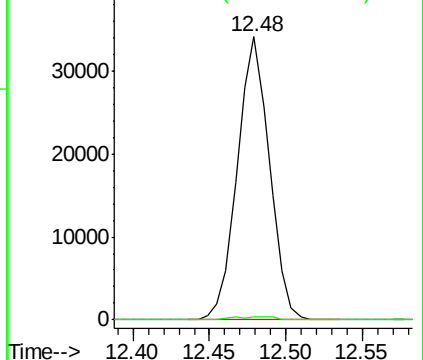
#76

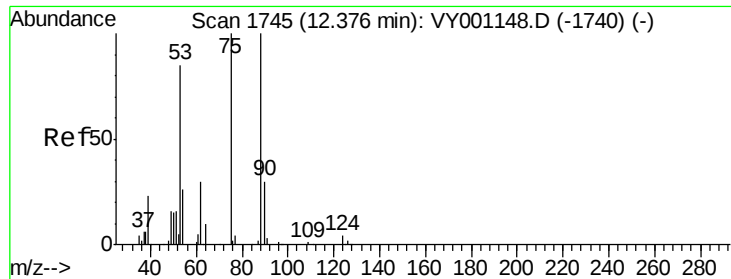
1,2,3-Trichloropropane
Concen: 54.802 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY001227.D
Acq: 15 Jan 2020 18:37

Tgt Ion: 75 Resp: 49613
Ion Ratio Lower Upper
75 100
77 1.5 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: 92.932 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY001227.D

Acq: 15 Jan 2020 18:37

Instrument :

MSVOA_Y

ClientSampleId :

QVD-SB-03-1.5-2

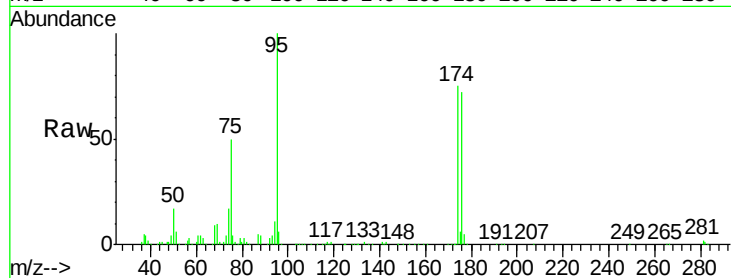
Tgt Ion: 75 Resp: 49613

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

