

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY032720\
 Data File : VY002110.D
 Acq On : 27 Mar 2020 17:01
 Operator : SY/MD
 Sample : L2049-07
 Misc : 8.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5-(10-12)

Quant Time: Mar 30 03:26:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

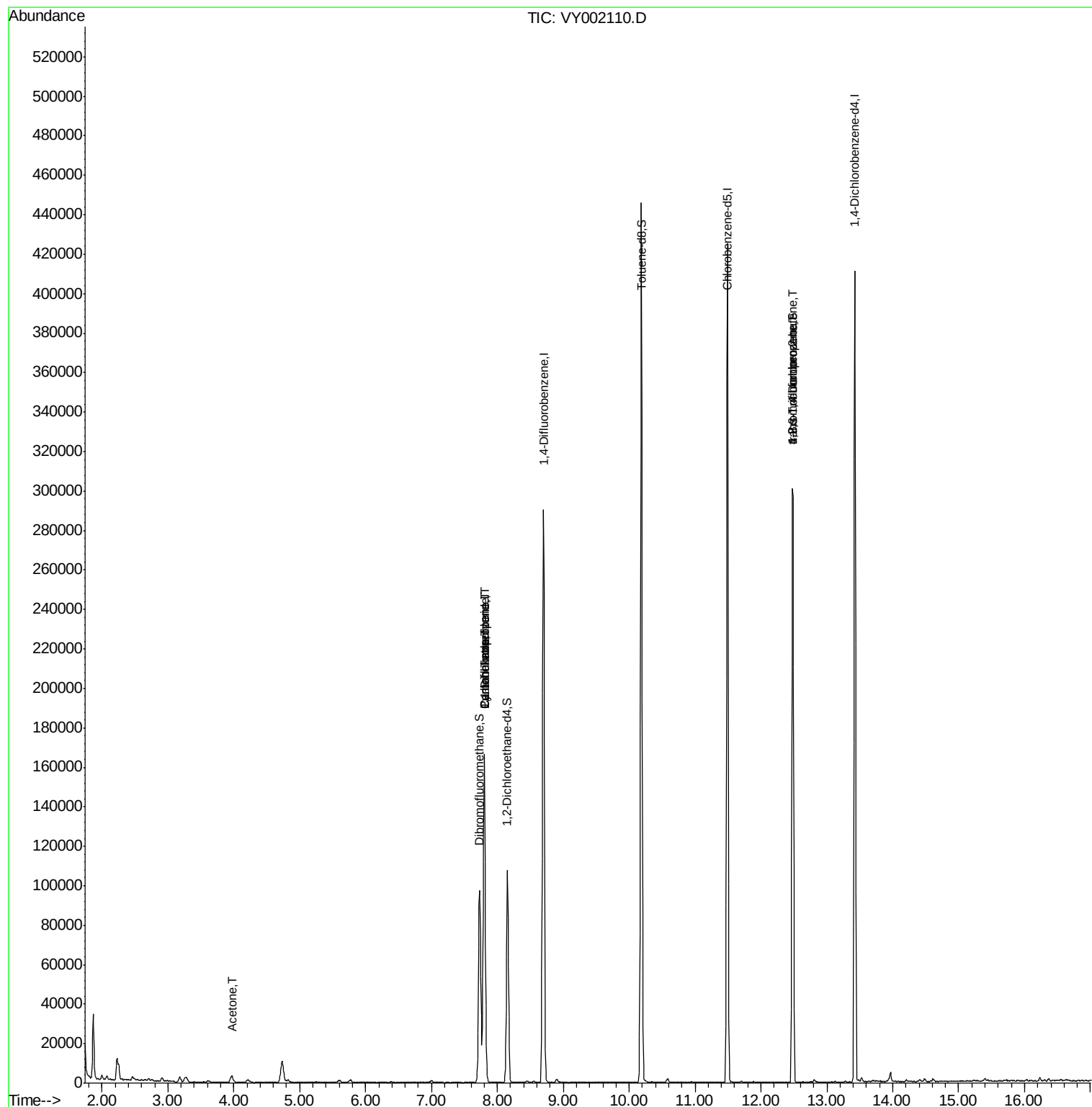
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	122956	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	240866	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	219963	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	96512	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	79347	58.38	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	116.76%	
35) Dibromofluoromethane	7.73	113	70300	52.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.18%	
50) Toluene-d8	10.19	98	295296	52.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.34%	
62) 4-Bromofluorobenzene	12.48	95	100520	51.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.52%	
Target Compounds						
2) Dichlorodifluoromethane	1.91	85	25	Below Cal	#	43
16) Acetone	3.97	43	6408	16.780	ug/l	100
20) Methylene Chloride	4.73	84	8008	Below Cal		97
31) Cyclohexane	7.80	56	2934	1.036	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	10759	4.722	ug/l #	49
38) Carbon Tetrachloride	7.80	117	12241	6.333	ug/l #	18
76) 1,2,3-Trichloropropane	12.48	75	52318	48.462	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	52318	93.887	ug/l #	17

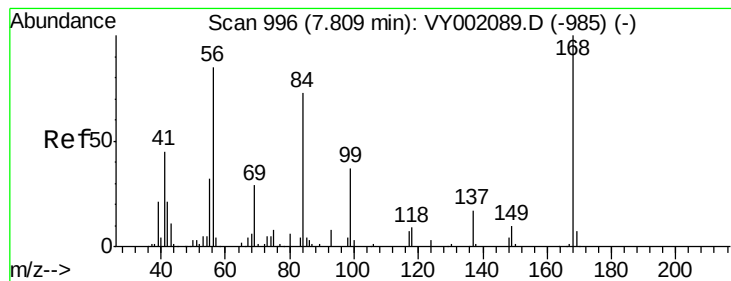
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002110.D

Acq: 27 Mar 2020 17:01

Instrument :

MSVOA_Y

ClientSampleId :

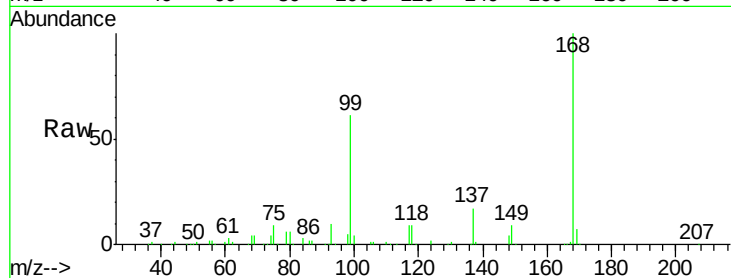
SB-5-(10-12)

Tgt Ion:168 Resp: 122956

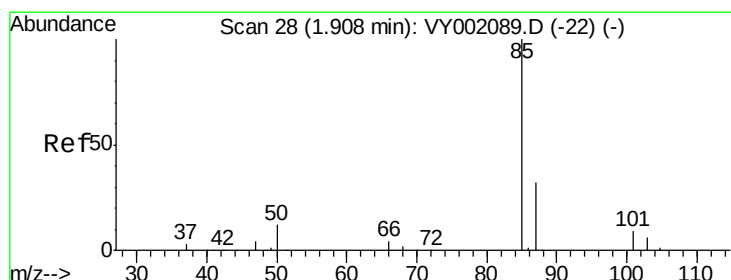
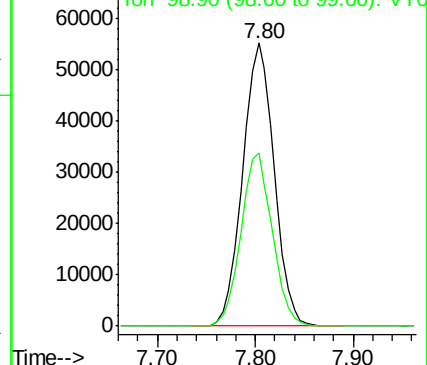
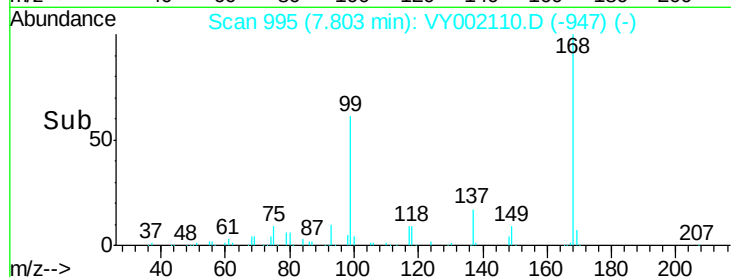
Ion Ratio Lower Upper

168 100

99 61.2 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002110.D (-947) (-)



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002110.D

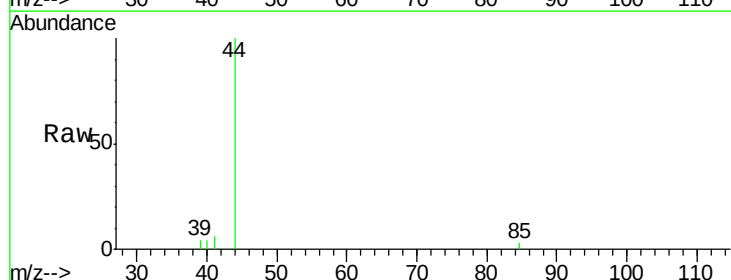
Acq: 27 Mar 2020 17:01

Tgt Ion: 85 Resp: 25

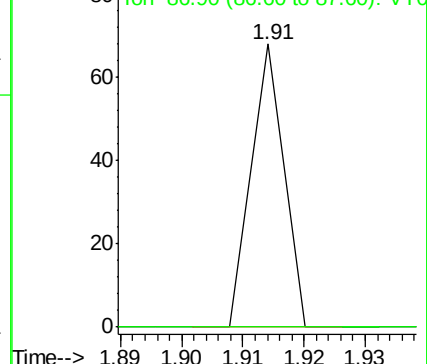
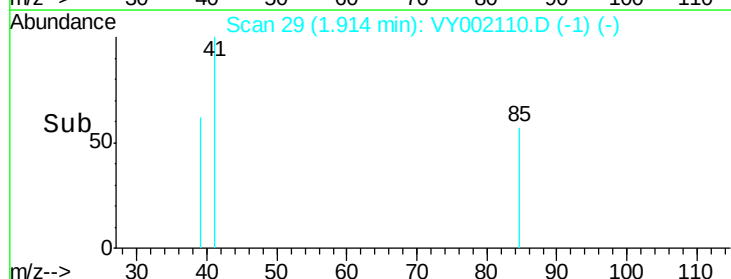
Ion Ratio Lower Upper

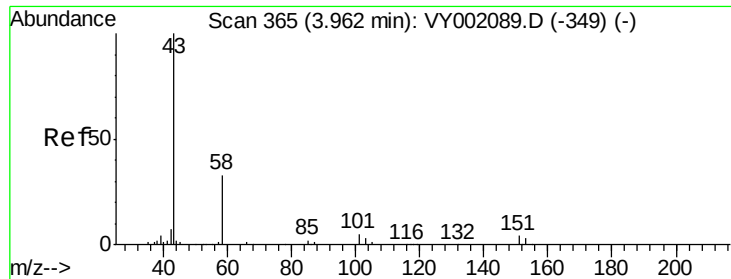
85 100

87 0.0 16.0 48.0#



Abundance Ion 84.90 (84.60 to 85.60): VY002110.D (-1) (-)

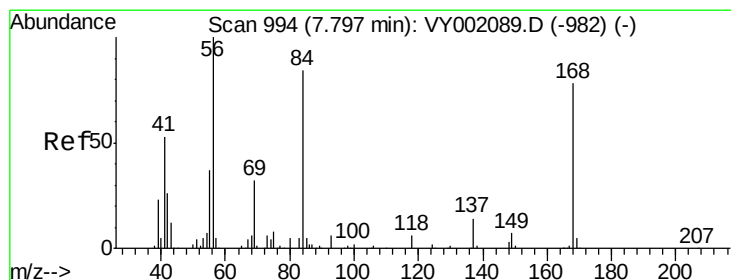
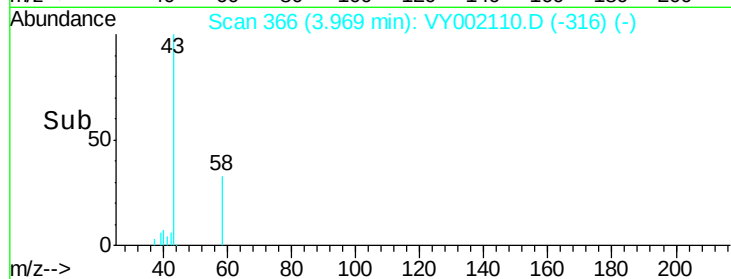
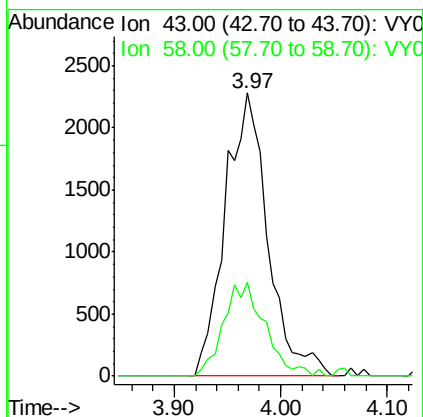
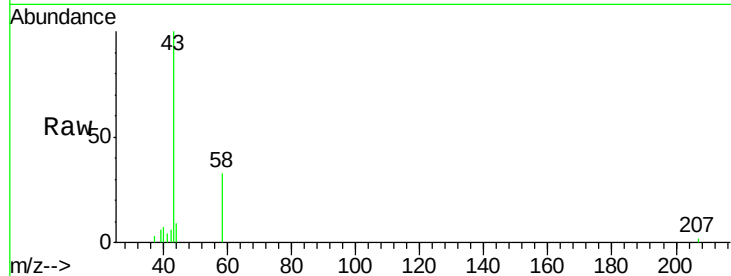




#16
Acetone
Concen: 16.780 ug/l
RT: 3.97 min Scan# 366
Delta R.T. 0.01 min
Lab File: VY002110.D
Acq: 27 Mar 2020 17:01

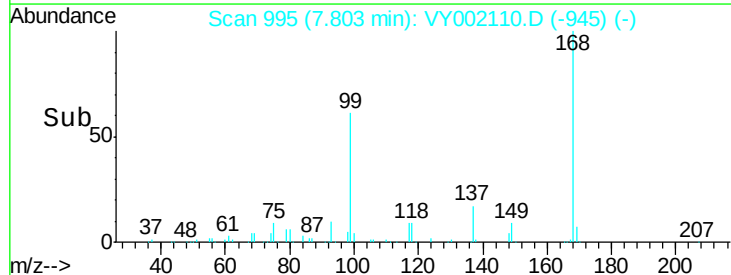
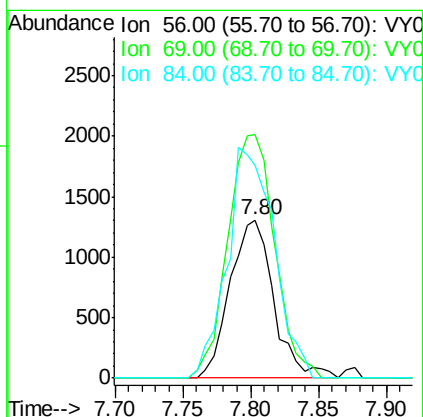
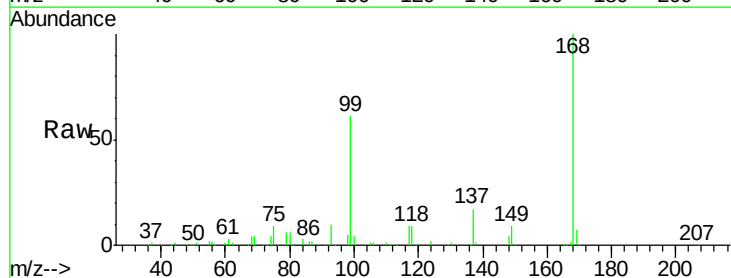
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-(10-12)

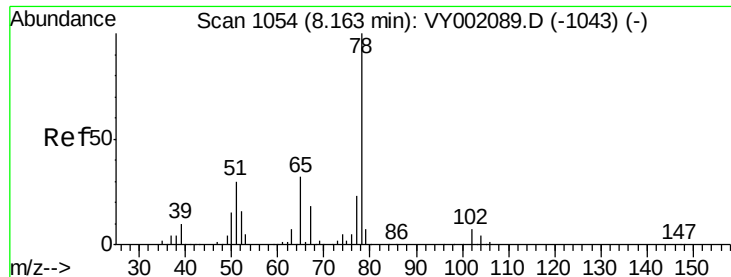
Tgt Ion: 43 Resp: 6408
Ion Ratio Lower Upper
43 100
58 33.0 26.3 39.5



#31
Cyclohexane
Concen: 1.036 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY002110.D
Acq: 27 Mar 2020 17:01

Tgt Ion: 56 Resp: 2934
Ion Ratio Lower Upper
56 100
69 153.7 25.8 38.8#
84 134.3 67.1 100.7#

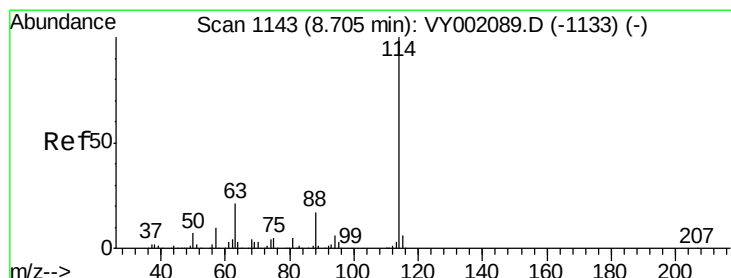
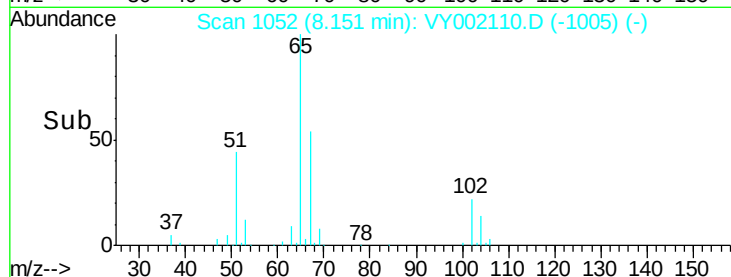
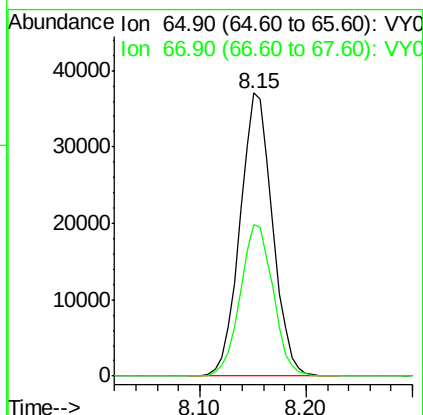
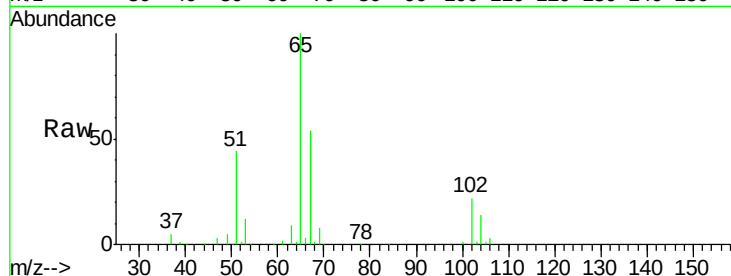




#33
 1,2-Dichloroethane-d4
 Concen: 58.376 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY002110.D
 Acq: 27 Mar 2020 17:01

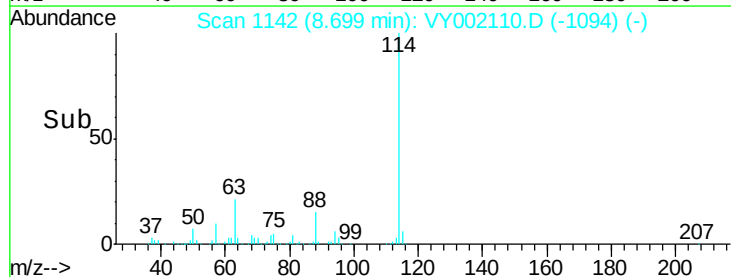
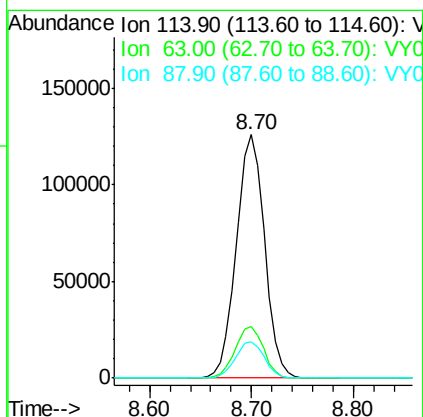
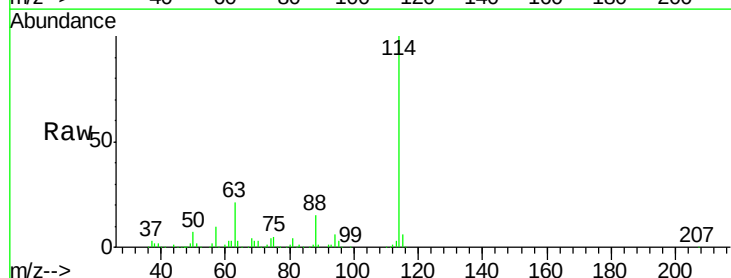
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5-(10-12)

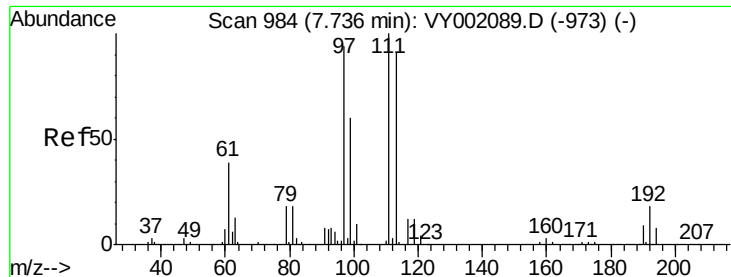
Tgt Ion: 65 Resp: 79347
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002110.D
 Acq: 27 Mar 2020 17:01

Tgt Ion: 114 Resp: 240866
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 41.4
 88 14.8 0.0 33.0

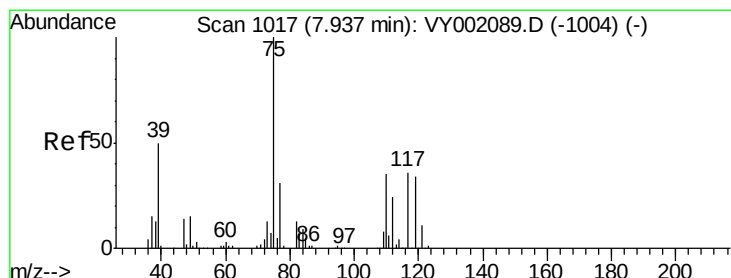
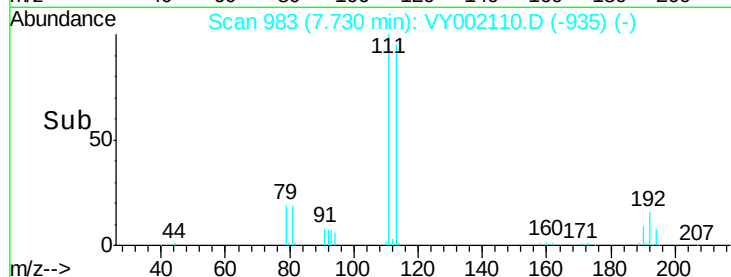
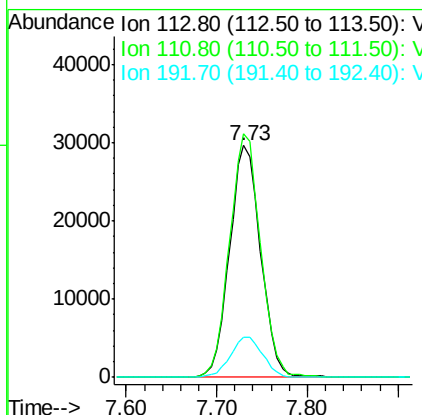
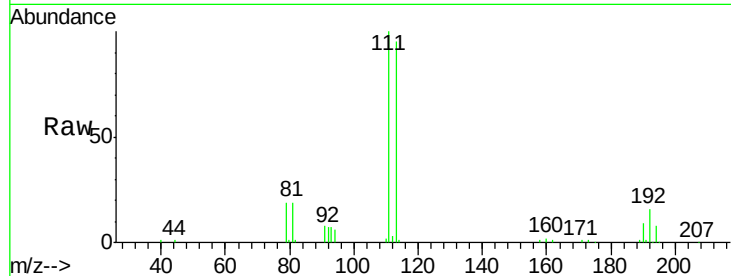




#35
 Dibromofluoromethane
 Concen: 52.089 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: VY002110.D
 Acq: 27 Mar 2020 17:01

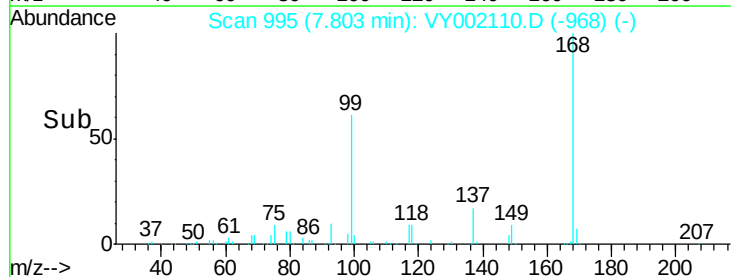
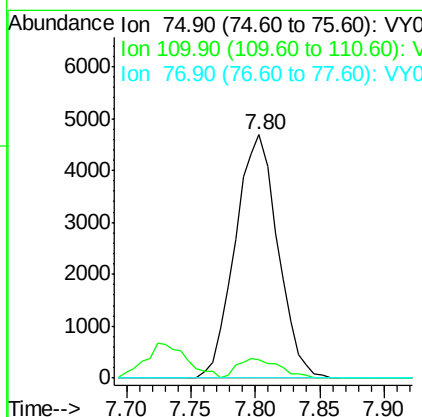
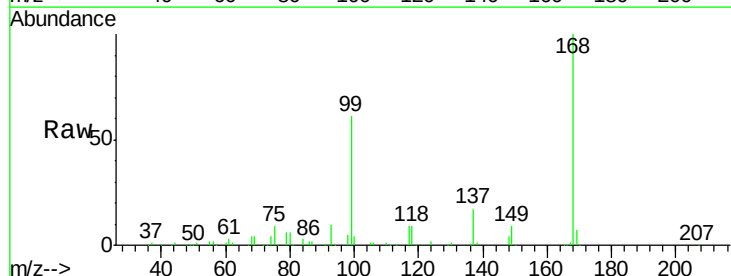
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5-(10-12)

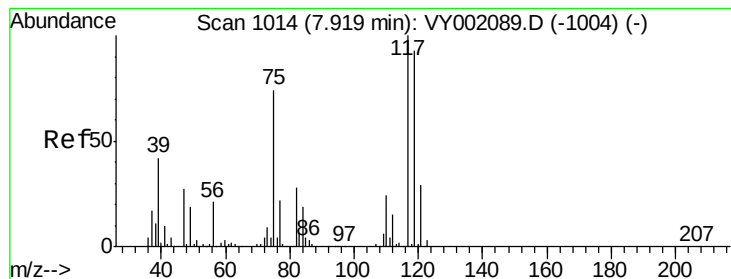
Tgt Ion:113 Resp: 70300
 Ion Ratio Lower Upper
 113 100
 111 104.6 84.4 126.6
 192 18.1 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 4.722 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY002110.D
 Acq: 27 Mar 2020 17:01

Tgt Ion: 75 Resp: 10759
 Ion Ratio Lower Upper
 75 100
 110 8.0 17.2 51.6#
 77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.333 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.12 min

Lab File: VY002110.D

Acq: 27 Mar 2020 17:01

Instrument :

MSVOA_Y

ClientSampled :

SB-5-(10-12)

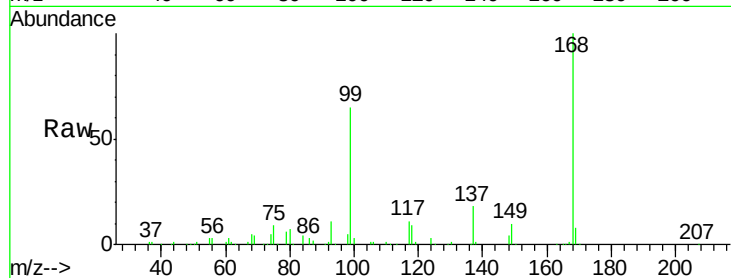
Tgt Ion:117 Resp: 12241

Ion Ratio Lower Upper

117 100

119 5.9 74.3 111.5#

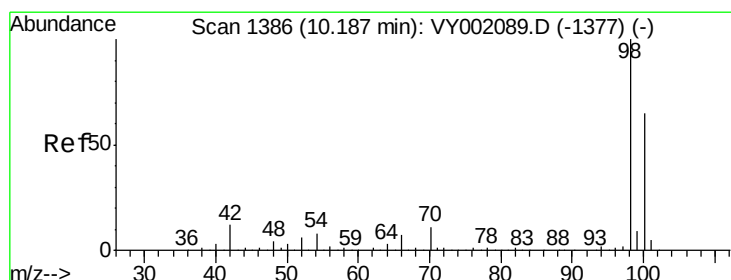
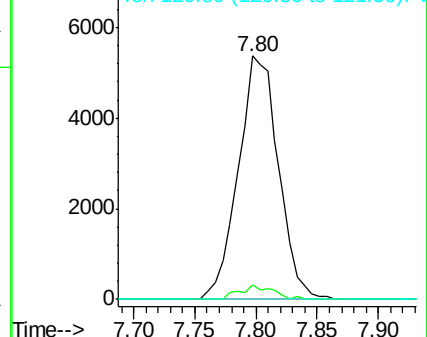
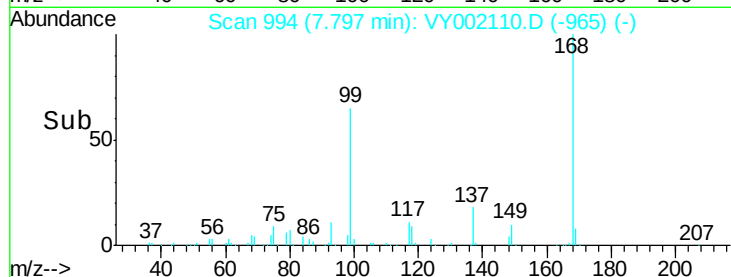
121 0.0 23.3 34.9#



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: 52.669 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY002110.D

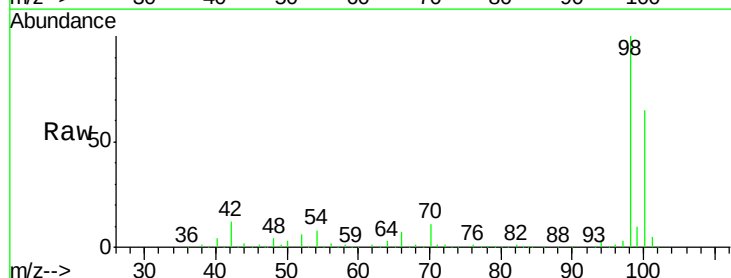
Acq: 27 Mar 2020 17:01

Tgt Ion: 98 Resp: 295296

Ion Ratio Lower Upper

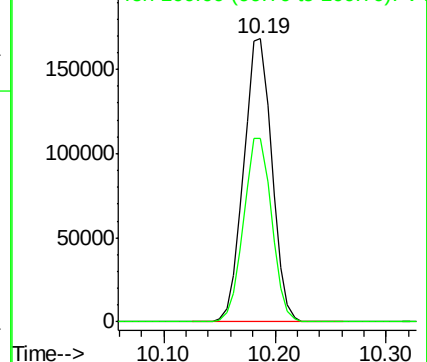
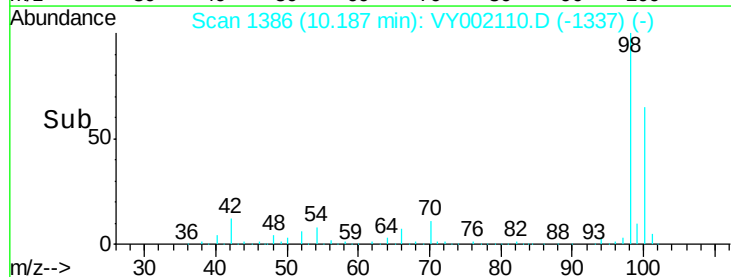
98 100

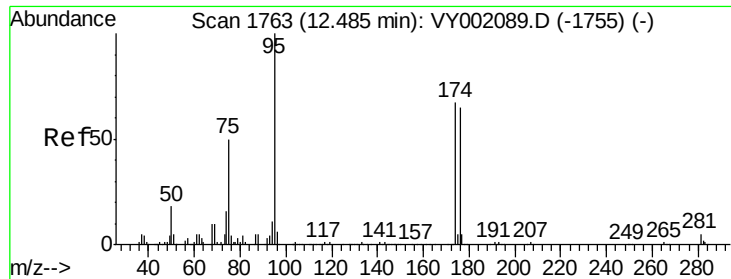
100 64.8 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

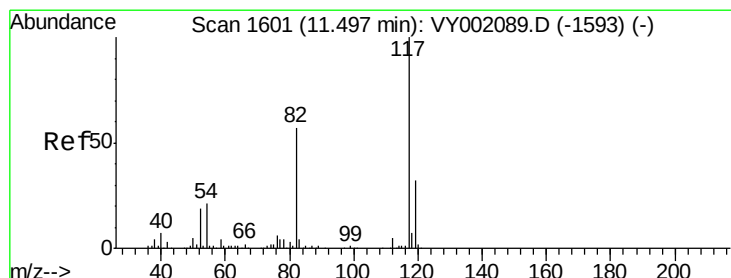
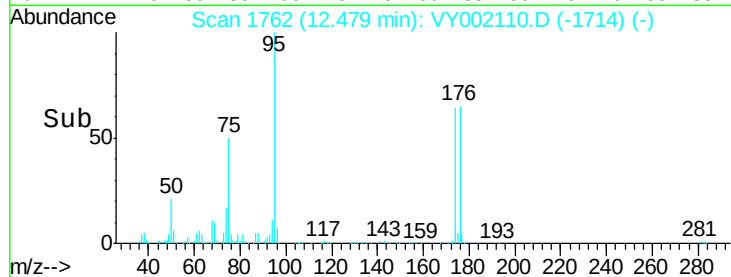
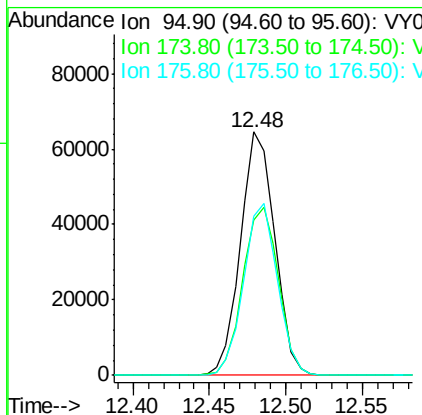
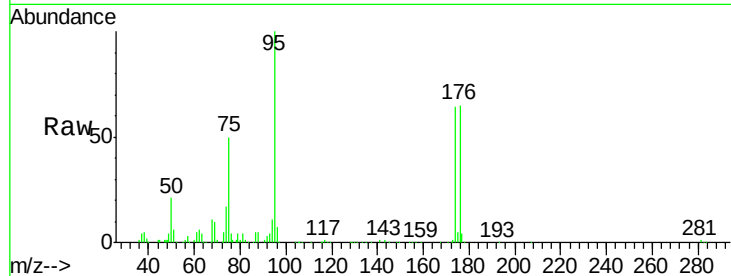




#62
 4-Bromofluorobenzene
 Concen: 51.264 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: VY002110.D
 Acq: 27 Mar 2020 17:01

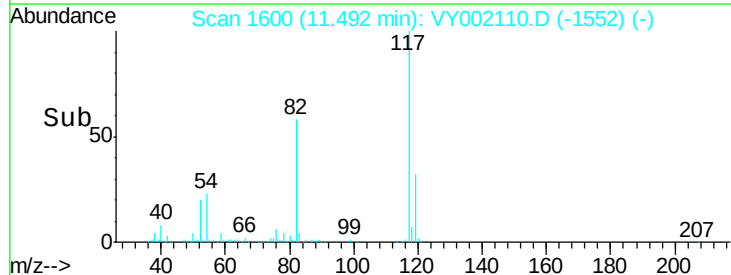
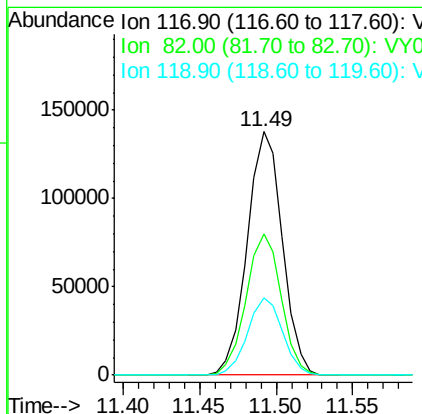
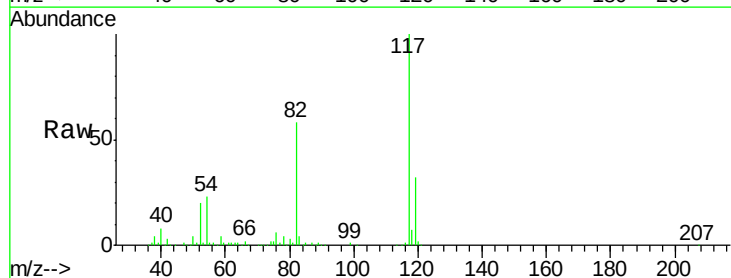
Instrument :
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 SB-5-(10-12)

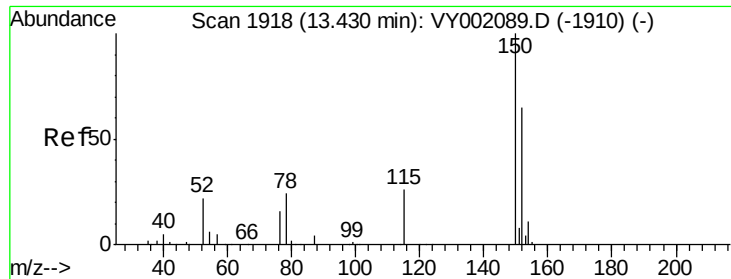
Tgt Ion: 95 Resp: 100520
 Ion Ratio Lower Upper
 95 100
 174 72.2 0.0 143.4
 176 69.8 0.0 137.0



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.49 min Scan# 1600
 Delta R.T. -0.01 min
 Lab File: VY002110.D
 Acq: 27 Mar 2020 17:01

Tgt Ion: 117 Resp: 219963
 Ion Ratio Lower Upper
 117 100
 82 58.1 45.4 68.2
 119 31.7 25.3 37.9



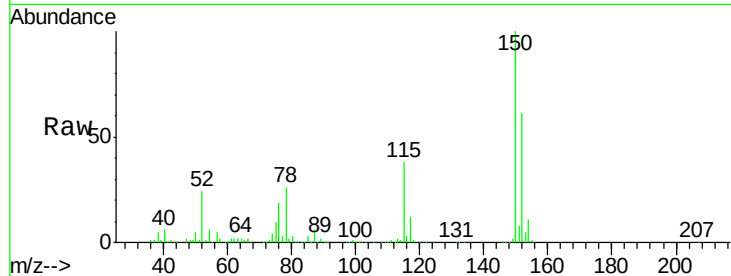


#72

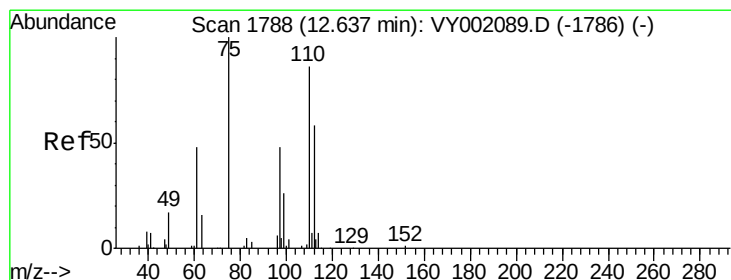
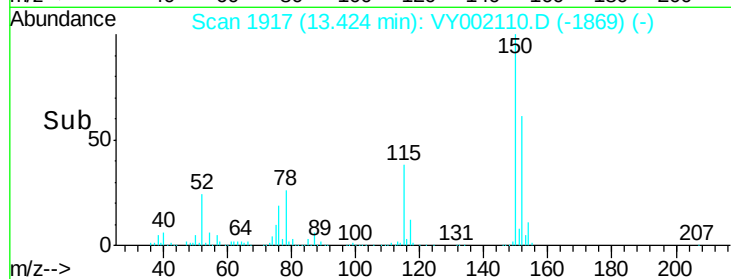
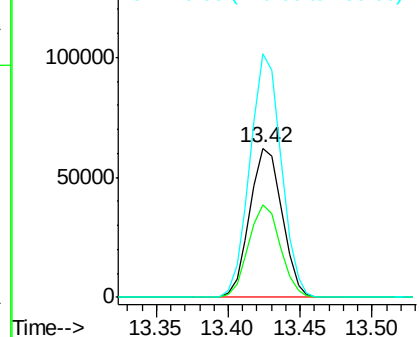
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY002110.D
Acq: 27 Mar 2020 17:01

Instrument :
MSVOA_Y
ClientSampled :
SB-5-(10-12)

Tgt Ion:152 Resp: 96512
Ion Ratio Lower Upper
152 100
115 61.2 31.2 93.6
150 158.1 0.0 354.8



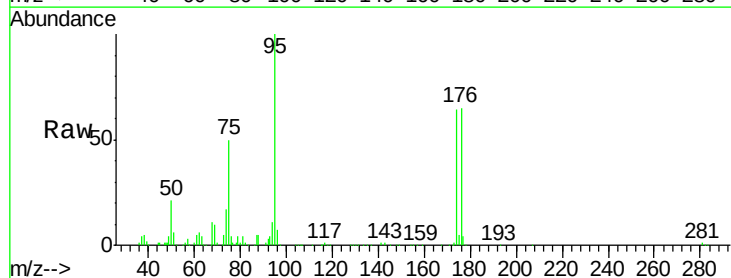
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



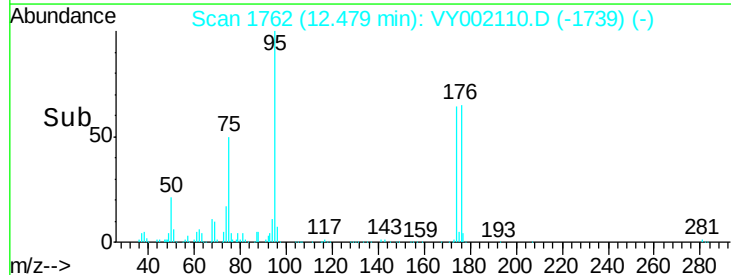
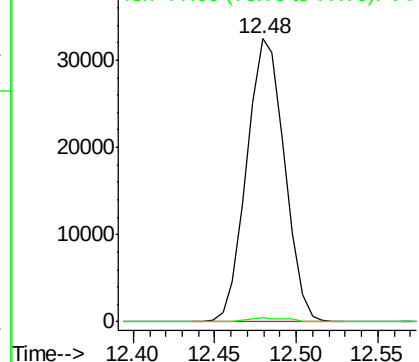
#76

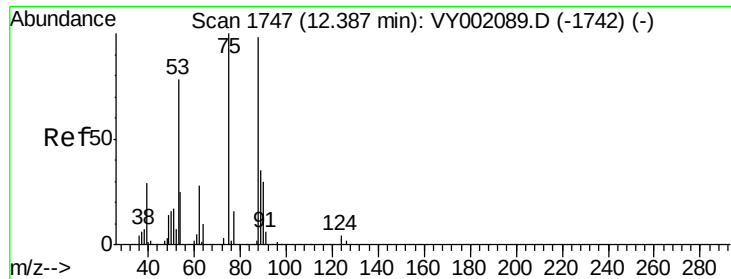
1,2,3-Trichloropropane
Concen: 48.462 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY002110.D
Acq: 27 Mar 2020 17:01

Tgt Ion: 75 Resp: 52318
Ion Ratio Lower Upper
75 100
77 1.3 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: 93.887 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.09 min

Lab File: VY002110.D

Acq: 27 Mar 2020 17:01

Instrument :

MSVOA_Y

ClientSampleId :

SB-5-(10-12)

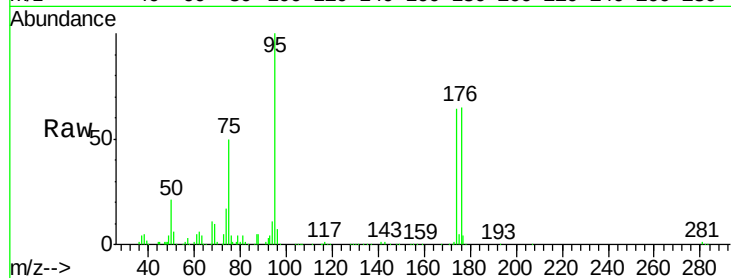
Tgt Ion: 75 Resp: 52318

Ion Ratio Lower Upper

75 100

53 0.0 65.0 97.4#

89 0.0 33.4 50.0#



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

