

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY032720\
 Data File : VY002105.D
 Acq On : 27 Mar 2020 15:09
 Operator : SY/MD
 Sample : L2049-02
 Misc : 7.14G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3-(1-3)

Quant Time: Mar 30 03:25:21 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

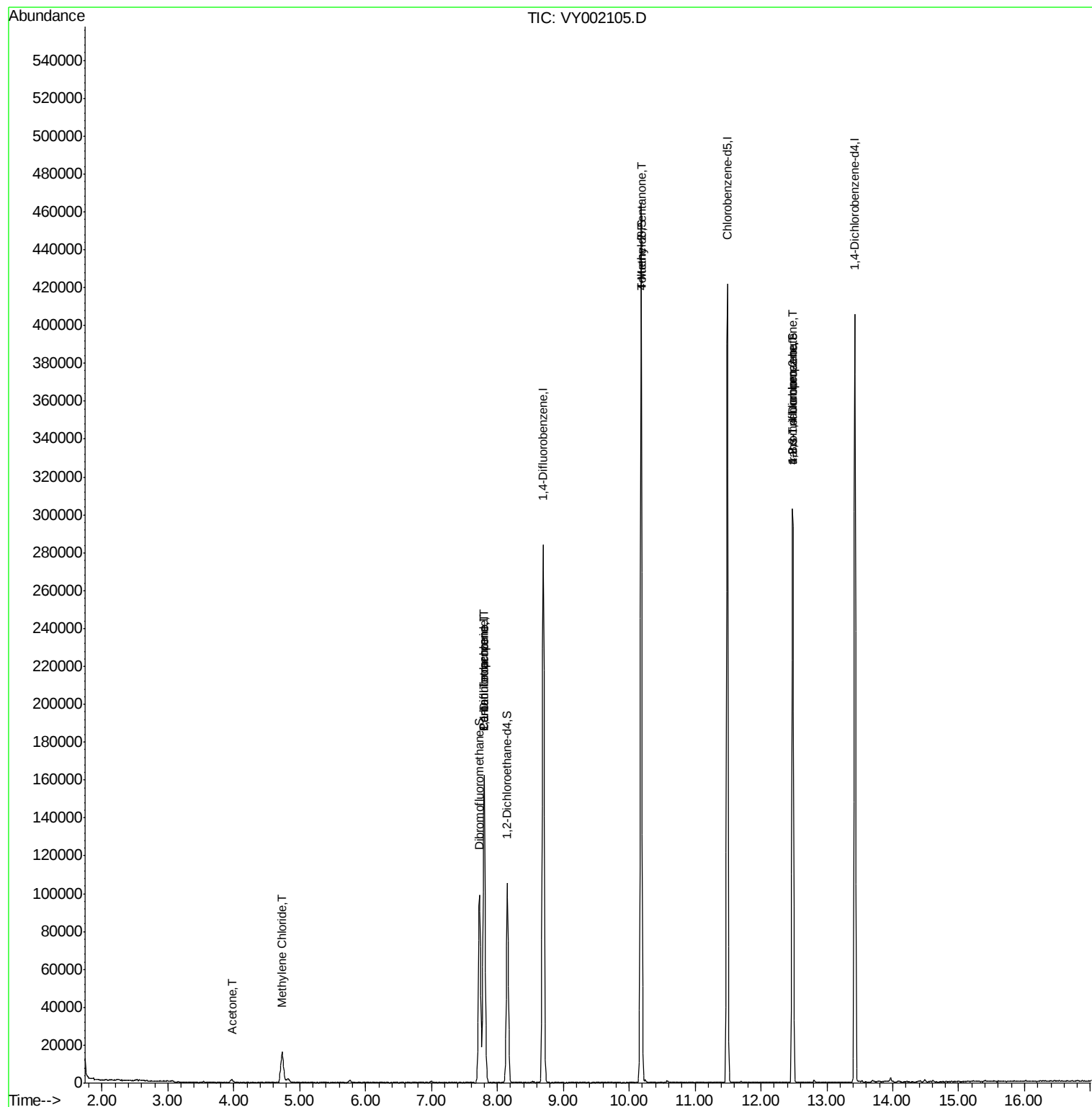
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	122478	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	239716	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	220534	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	96369	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	78975	58.33	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	116.66%	
35) Dibromofluoromethane	7.73	113	70356	52.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.76%	
50) Toluene-d8	10.18	98	293998	52.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.38%	
62) 4-Bromofluorobenzene	12.48	95	99364	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
Target Compounds						
16) Acetone	3.97	43	3056	8.034	ug/l	90
20) Methylene Chloride	4.74	84	11136	2.171	ug/l	94
36) 1,1-Dichloropropene	7.80	75	10373	4.575	ug/l #	50
38) Carbon Tetrachloride	7.80	117	12530	6.514	ug/l #	18
51) 4-Methyl-2-Pentanone	10.18	43	1456	1.112	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	51571	47.841	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	51571	92.684	ug/l #	17

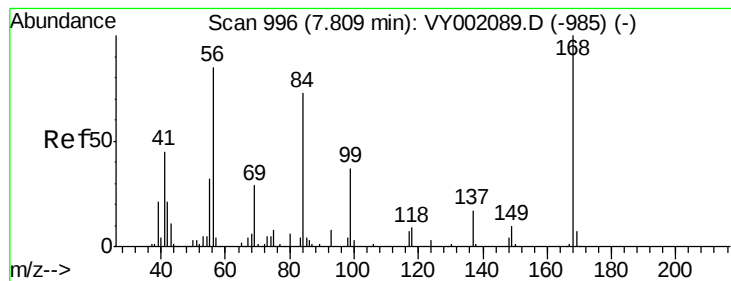
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002105.D

Acq: 27 Mar 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

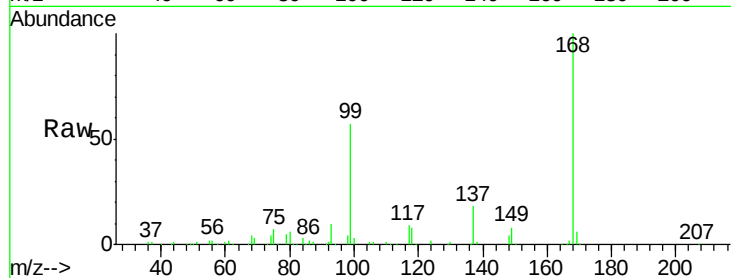
SB-3-(1-3)

Tgt Ion:168 Resp: 122478

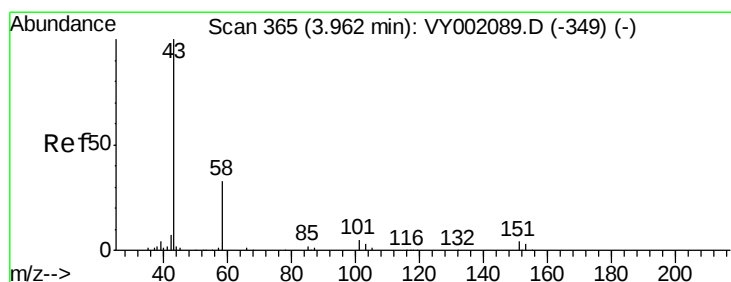
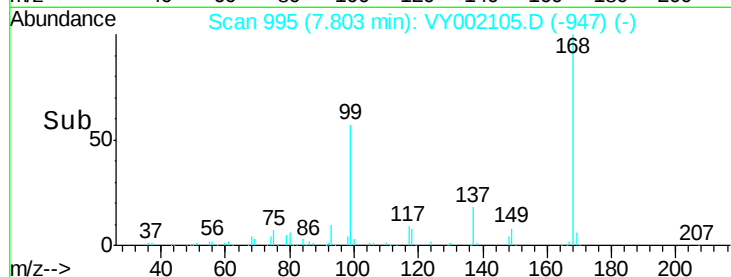
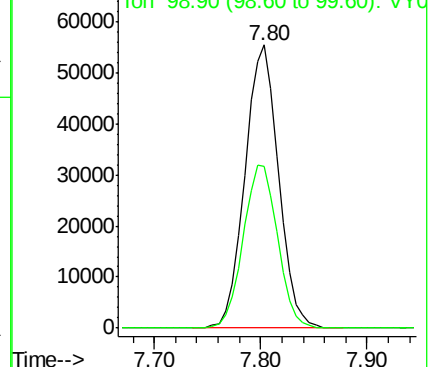
Ion Ratio Lower Upper

168 100

99 57.4 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002105.D (-947) (-)



#16

Acetone

Concen: 8.034 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002105.D

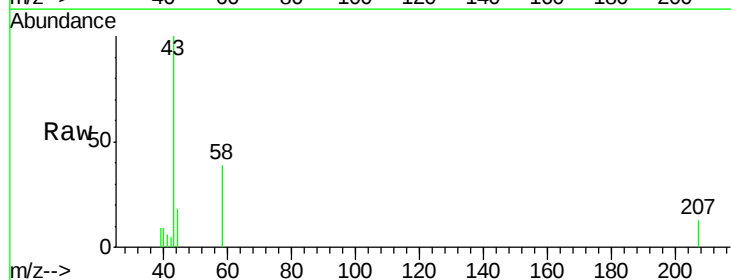
Acq: 27 Mar 2020 15:09

Tgt Ion: 43 Resp: 3056

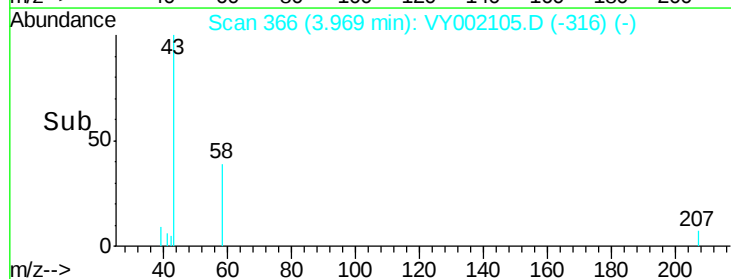
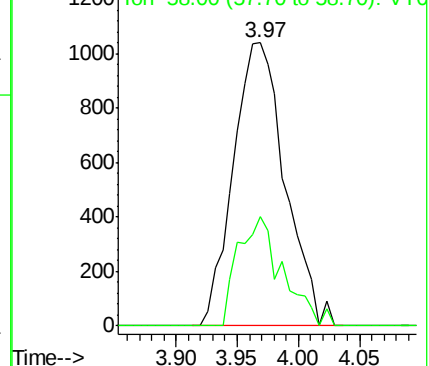
Ion Ratio Lower Upper

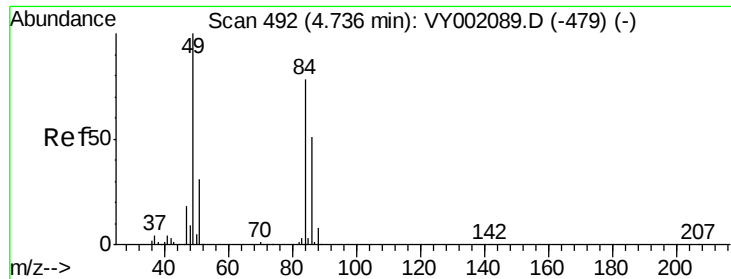
43 100

58 38.6 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VY002105.D (-316) (-)

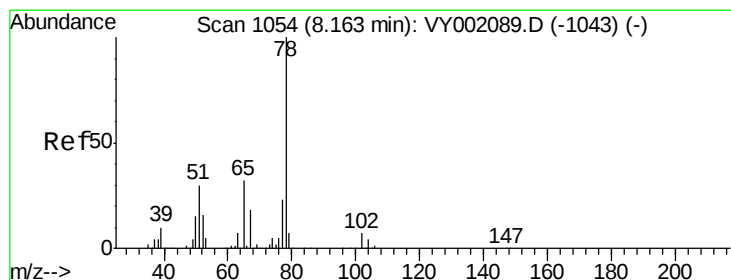
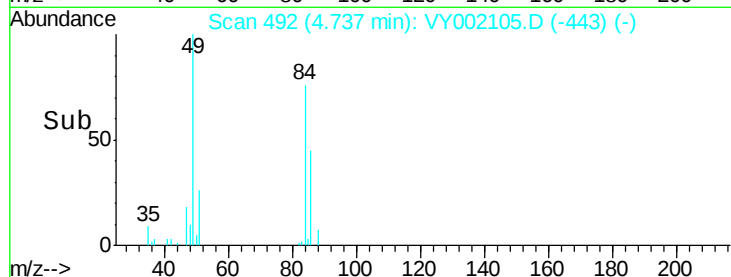
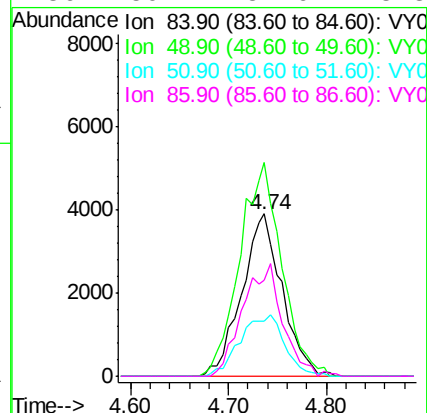
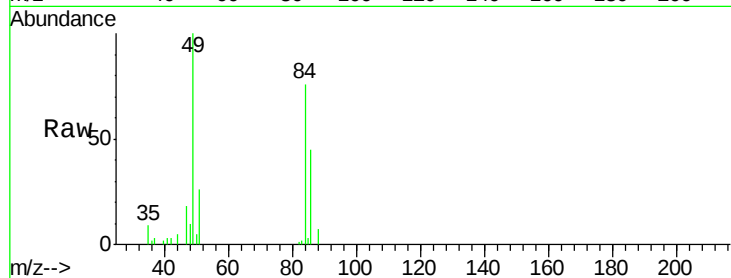




#20
Methylene Chloride
Concen: 2.171 ug/l
RT: 4.74 min Scan# 492
Delta R.T. 0.00 min
Lab File: VY002105.D
Acq: 27 Mar 2020 15:09

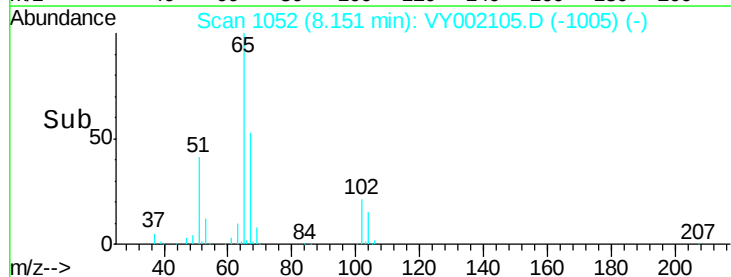
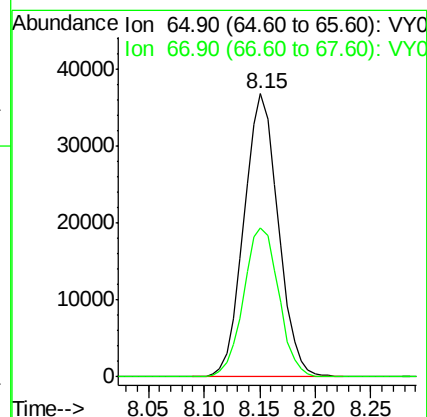
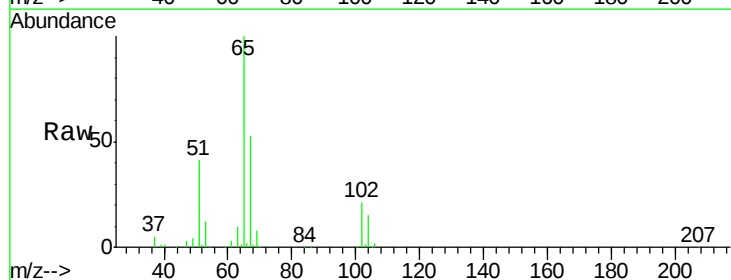
Instrument :
MSVOA_Y
ClientSampleId :
SB-3-(1-3)

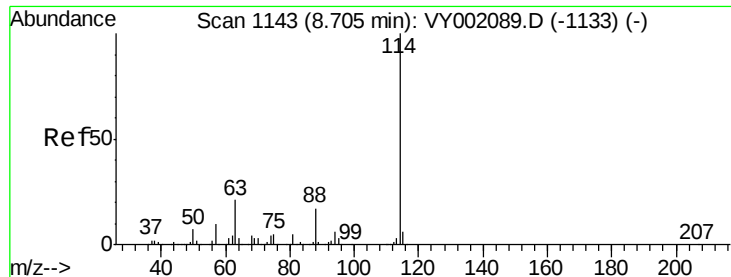
Tgt Ion:	84	Resp:	11136
Ion	Ratio	Lower	Upper
84	100		
49	131.9	102.2	153.4
51	34.1	31.2	46.8
86	59.2	52.6	78.8



#33
1,2-Dichloroethane-d4
Concen: 58.329 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VY002105.D
Acq: 27 Mar 2020 15:09

Tgt Ion:	65	Resp:	78975
Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	112.8

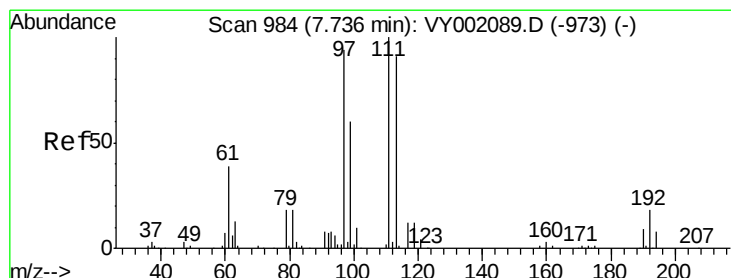
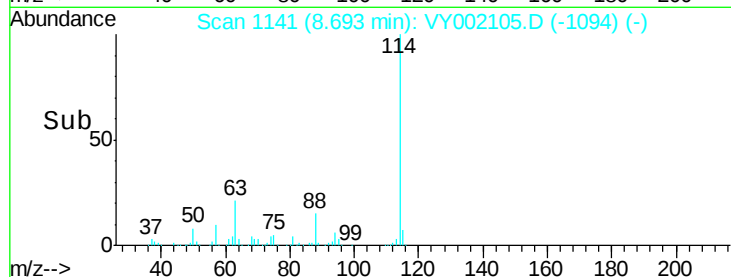
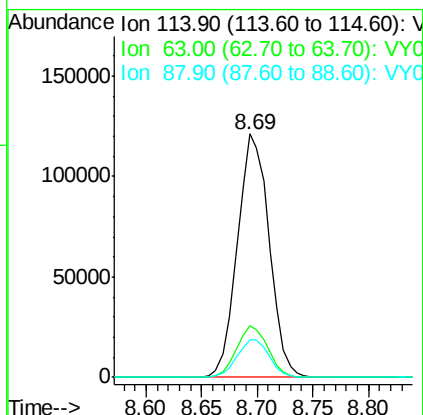
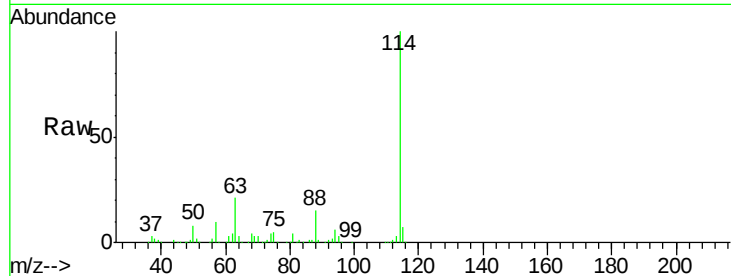




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY002105.D
 Acq: 27 Mar 2020 15:09

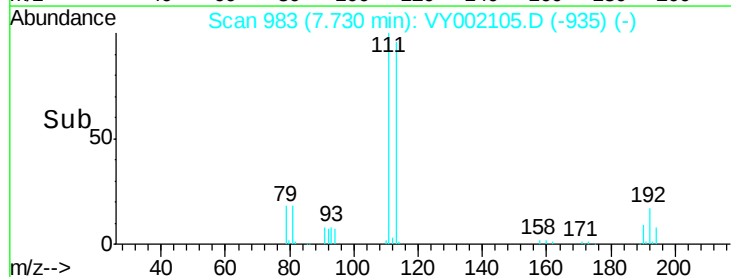
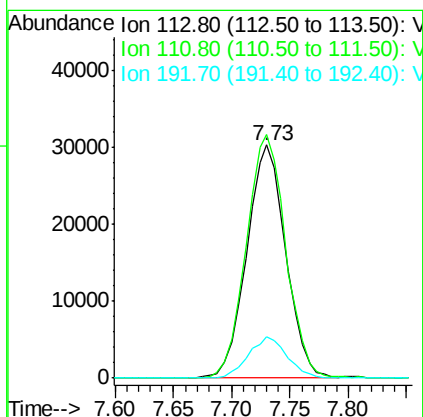
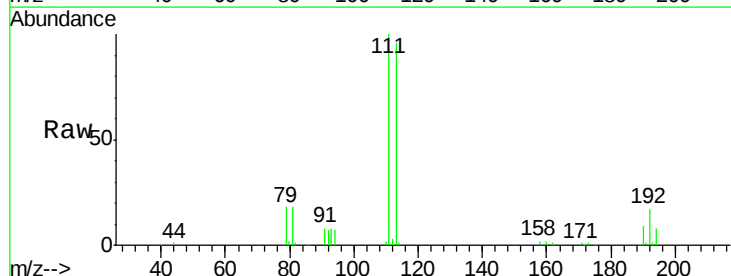
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3-(1-3)

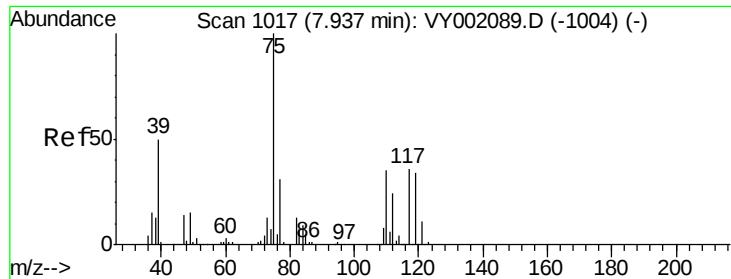
Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	41.4
88	15.5	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 52.381 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: VY002105.D
 Acq: 27 Mar 2020 15:09

Tgt Ion	Ratio	Lower	Upper
113	100		
111	106.1	84.4	126.6
192	17.6	14.6	21.8

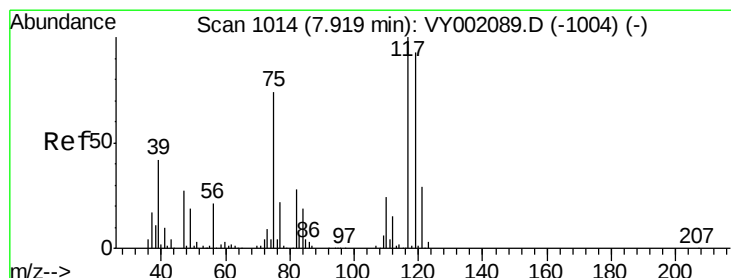
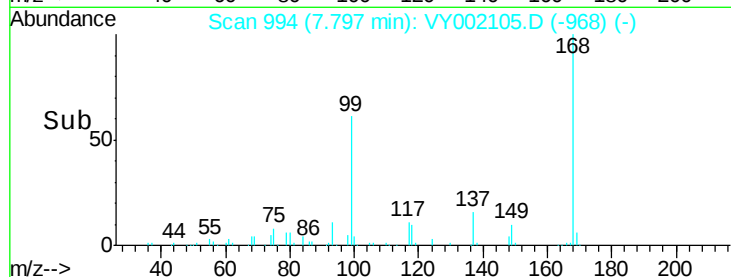
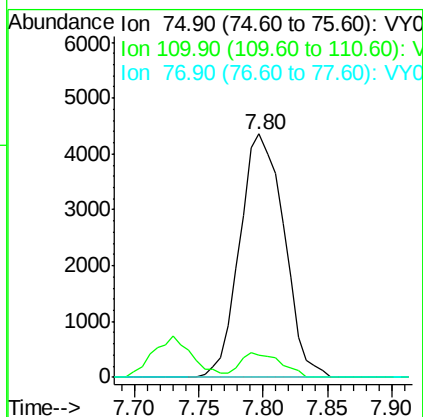
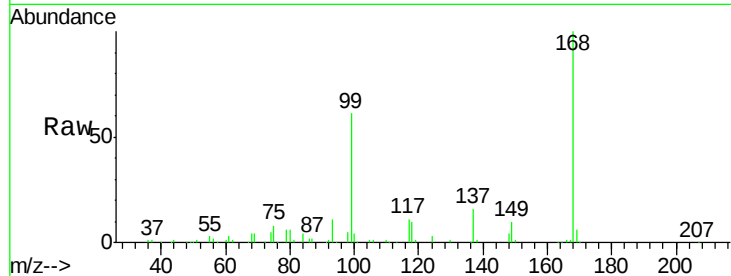




#36
 1,1-Dichloropropene
 Concen: 4.575 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.14 min
 Lab File: VY002105.D
 Acq: 27 Mar 2020 15:09

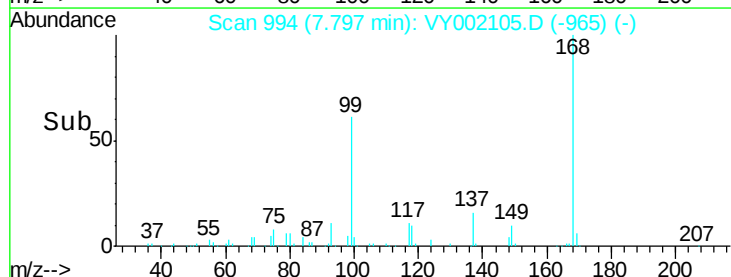
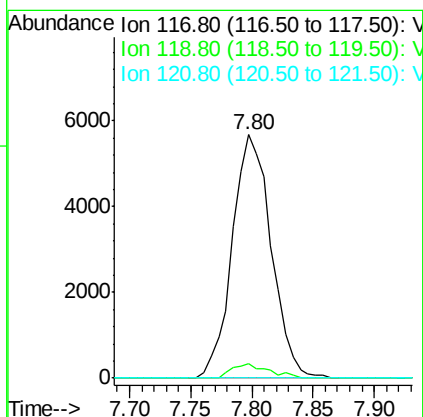
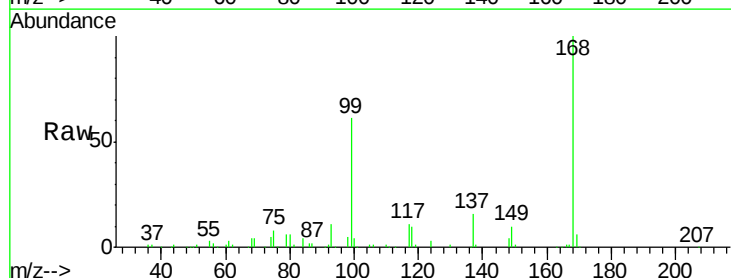
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3-(1-3)

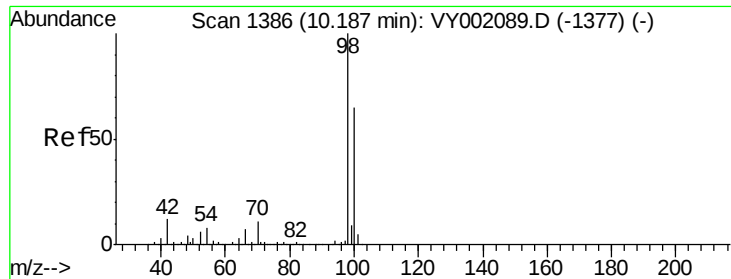
Tgt Ion: 75 Resp: 10373
 Ion Ratio Lower Upper
 75 100
 110 9.1 17.2 51.6#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.514 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.12 min
 Lab File: VY002105.D
 Acq: 27 Mar 2020 15:09

Tgt Ion: 117 Resp: 12530
 Ion Ratio Lower Upper
 117 100
 119 5.9 74.3 111.5#
 121 0.0 23.3 34.9#





#50

Toluene-d8

Concen: 52.689 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002105.D

Acq: 27 Mar 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

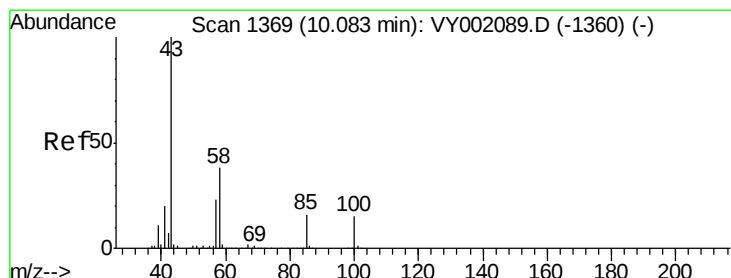
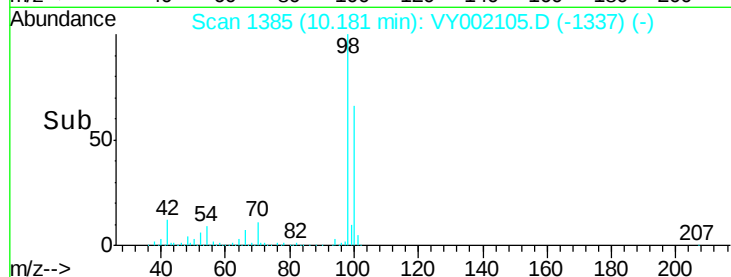
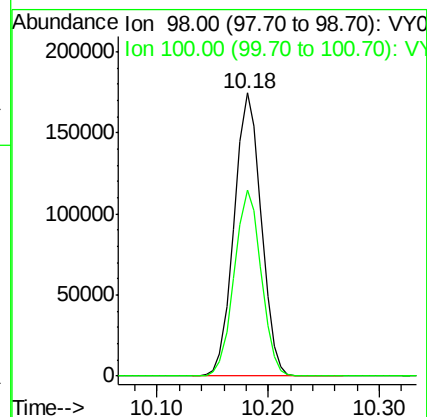
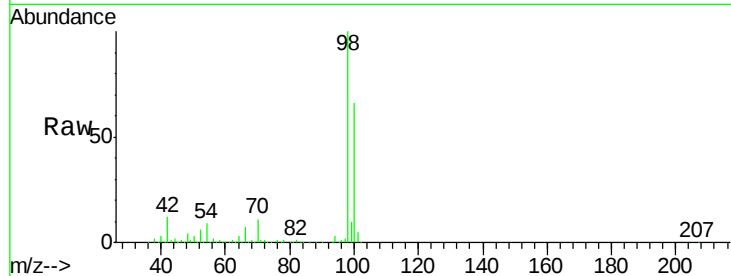
SB-3-(1-3)

Tgt Ion: 98 Resp: 293998

Ion Ratio Lower Upper

98 100

100 65.2 51.6 77.4



#51

4-Methyl-2-Pentanone

Concen: 1.112 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.10 min

Lab File: VY002105.D

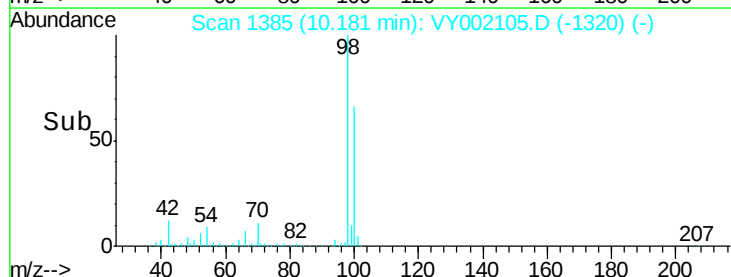
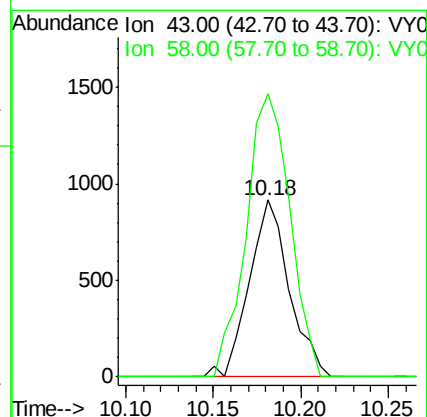
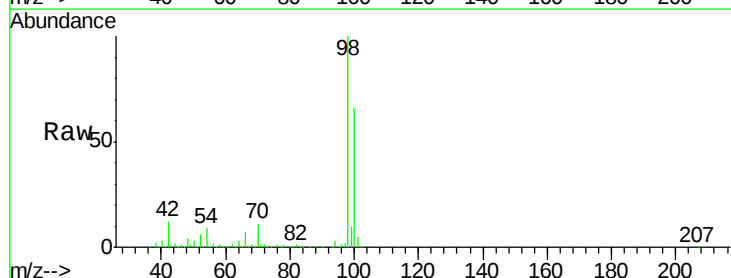
Acq: 27 Mar 2020 15:09

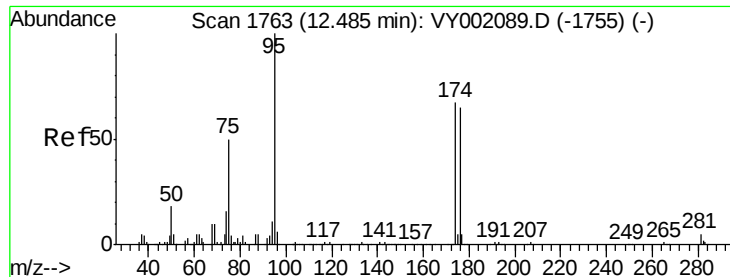
Tgt Ion: 43 Resp: 1456

Ion Ratio Lower Upper

43 100

58 174.2 31.6 47.4#

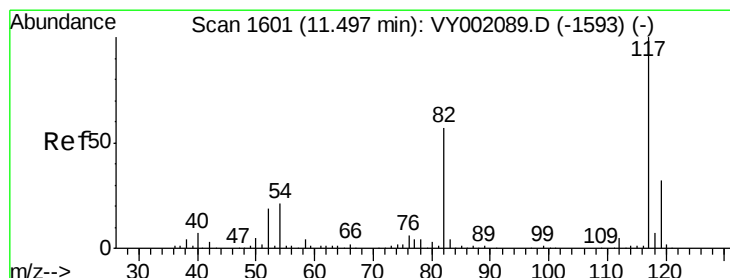
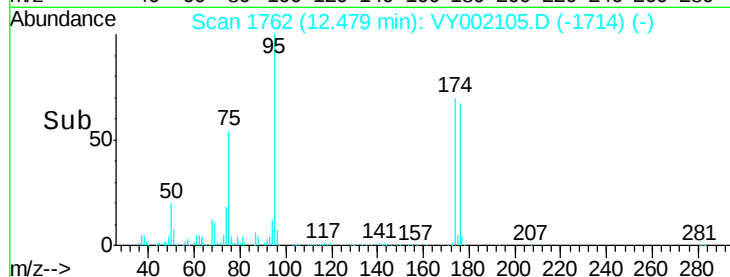
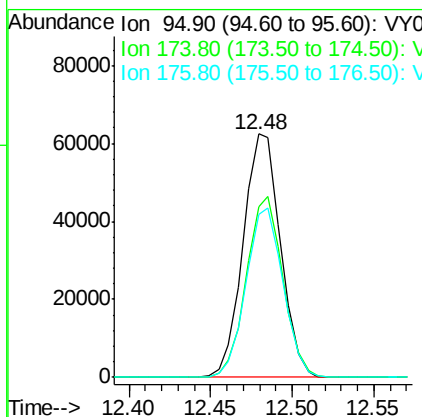
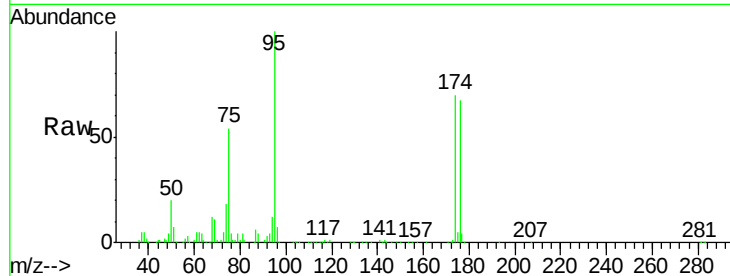




#62
4-Bromofluorobenzene
Concen: 50.918 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY002105.D
Acq: 27 Mar 2020 15:09

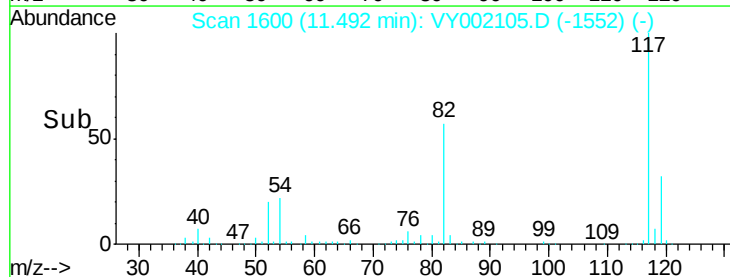
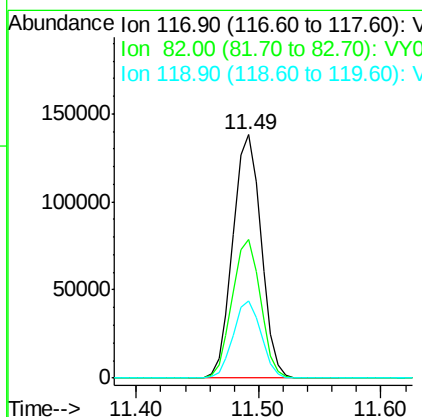
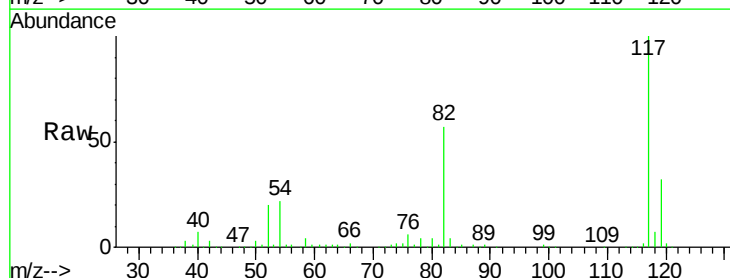
Instrument :
MSVOA_Y
ClientSampleId :
SB-3-(1-3)

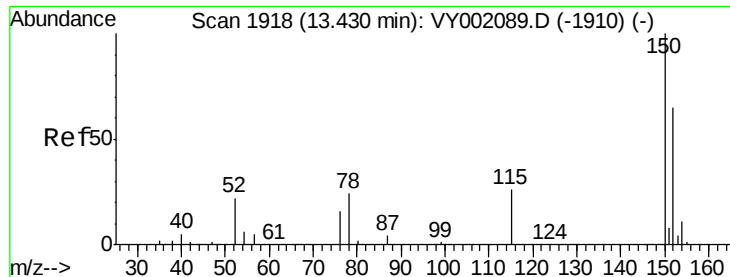
Tgt Ion: 95 Resp: 99364
Ion Ratio Lower Upper
95 100
174 72.6 0.0 143.4
176 69.0 0.0 137.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002105.D
Acq: 27 Mar 2020 15:09

Tgt Ion: 117 Resp: 220534
Ion Ratio Lower Upper
117 100
82 56.9 45.4 68.2
119 31.7 25.3 37.9



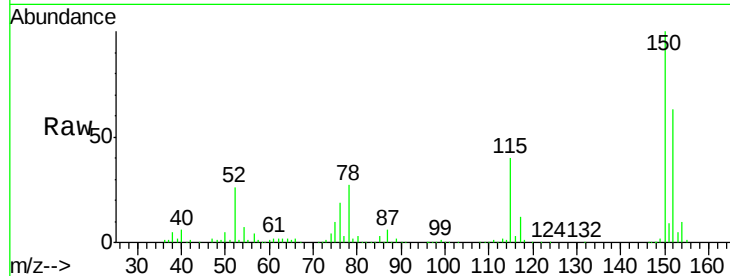


#72

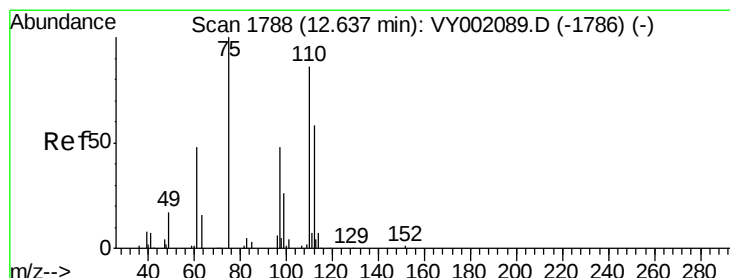
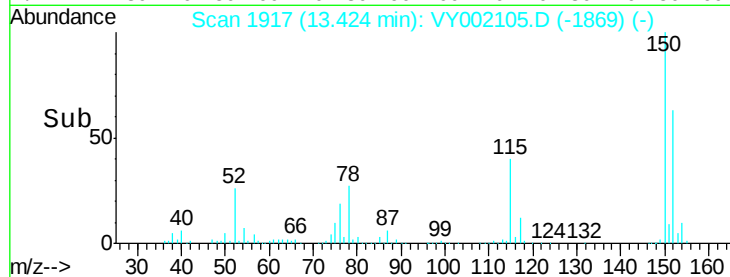
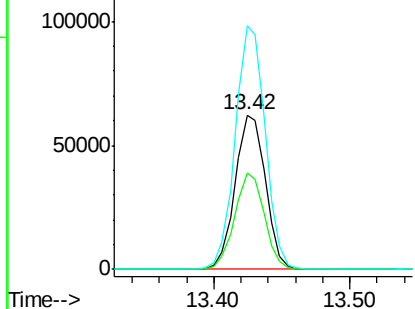
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY002105.D
Acq: 27 Mar 2020 15:09

Instrument :
MSVOA_Y
ClientSampled :
SB-3-(1-3)

Tgt Ion: 152 Resp: 96369
Ion Ratio Lower Upper
152 100
115 60.9 31.2 93.6
150 156.1 0.0 354.8



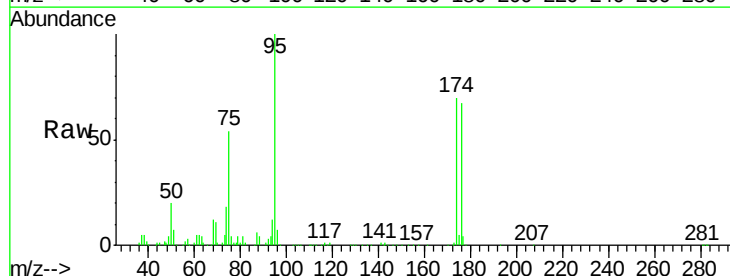
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



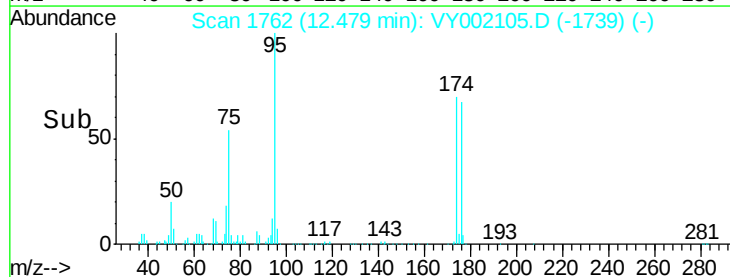
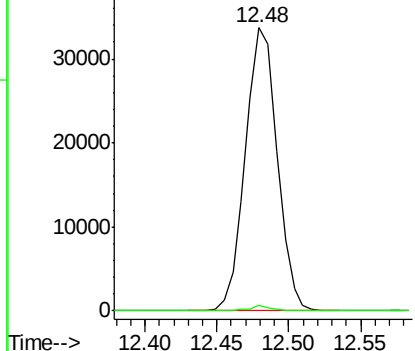
#76

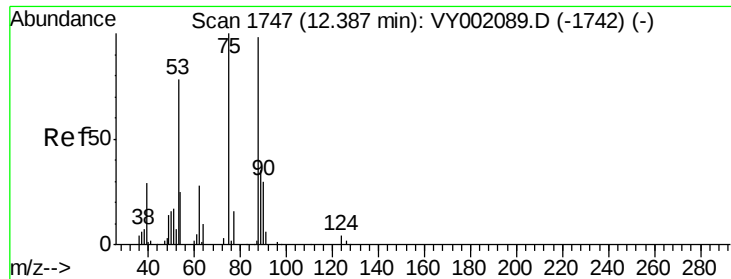
1,2,3-Trichloropropane
Concen: 47.841 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY002105.D
Acq: 27 Mar 2020 15:09

Tgt Ion: 75 Resp: 51571
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: 92.684 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.09 min

Lab File: VY002105.D

Acq: 27 Mar 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

SB-3-(1-3)

Tgt Ion: 75 Resp: 51571

Ion Ratio Lower Upper

75 100

53 0.1 65.0 97.4#

89 0.0 33.4 50.0#

