

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072120\
 Data File : VY003269.D
 Acq On : 21 Jul 2020 23:15
 Operator : SY/MD
 Sample : L3352-01
 Misc : 6.97G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HS-01

Quant Time: Jul 22 02:48:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

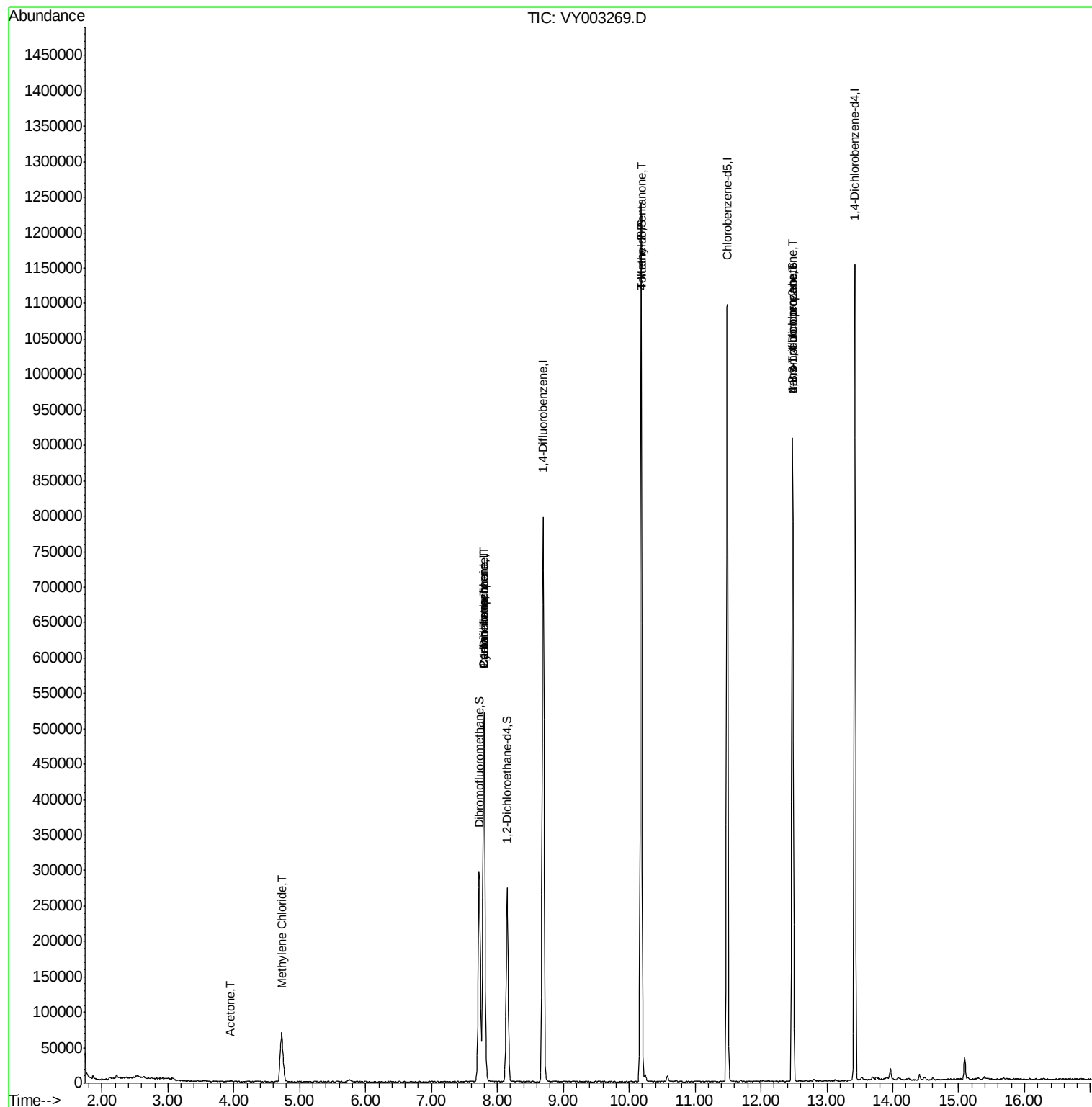
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	432282	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	666289	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	615863	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	292318	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	216868	59.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.88%	
35) Dibromofluoromethane	7.72	113	212259	55.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.72%	
50) Toluene-d8	10.18	98	812281	56.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.96%	
62) 4-Bromofluorobenzene	12.48	95	257871	50.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.14%	
Target Compounds						
					Qvalue	
16) Acetone	3.96	43	2181	2.676	ug/l #	73
20) Methylene Chloride	4.73	84	51754	8.006	ug/l	95
31) Cyclohexane	7.80	56	7693	1.159	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	29438	4.875	ug/l #	50
38) Carbon Tetrachloride	7.80	117	38731	6.213	ug/l #	17
51) 4-Methyl-2-Pentanone	10.19	43	3578	1.094	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	129331	49.983	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	129331	97.276	ug/l #	13

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

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Quant Time: Jul 22 02:48:33 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003269.D

Acq: 21 Jul 2020 23:15

Instrument :

MSVOA_Y

ClientSampled :

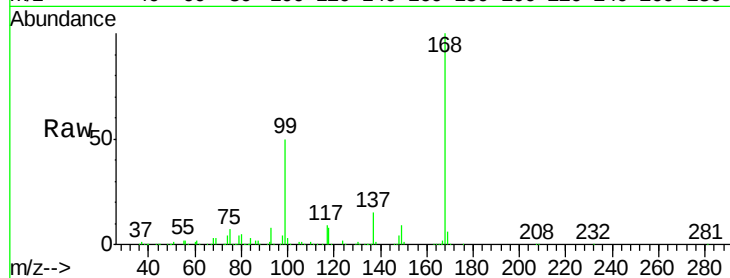
HS-01

Tot Ion:168 Resp: 432282

Ion Ratio Lower Upper

168 100

99 49.9 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003269.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003269.D (-945) (-)

7.80

200000

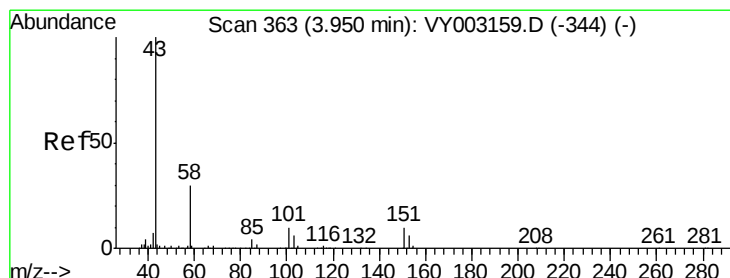
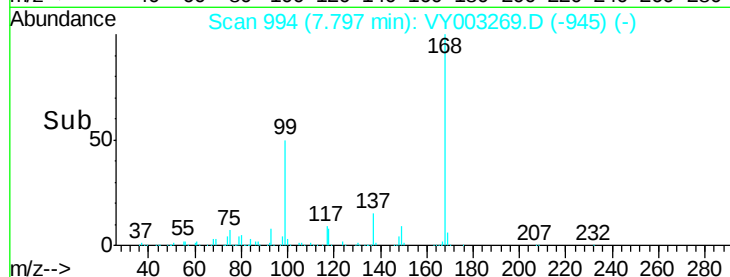
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 2.676 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003269.D

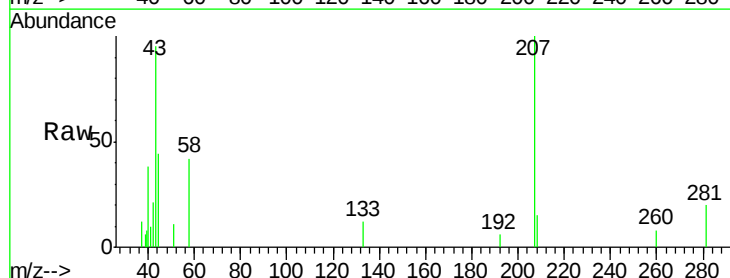
Acq: 21 Jul 2020 23:15

Tgt Ion: 43 Resp: 2181

Ion Ratio Lower Upper

43 100

58 44.1 23.8 35.6#



Abundance Ion 43.00 (42.70 to 43.70): VY003269.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY003269.D (-314) (-)

3.96

800

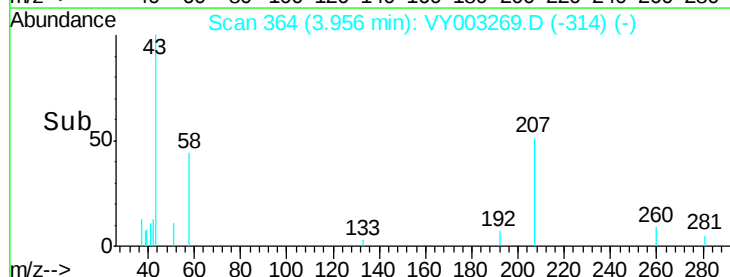
600

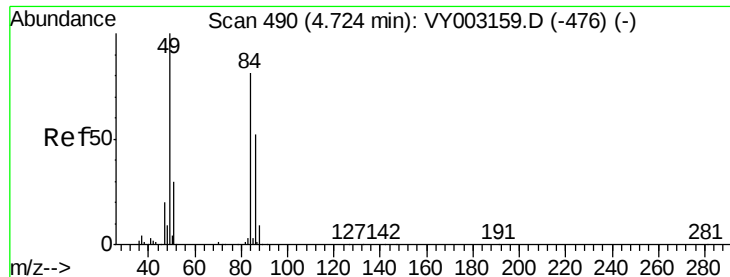
400

200

0

Time-->

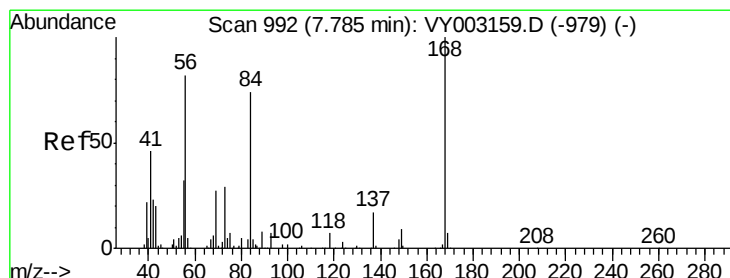
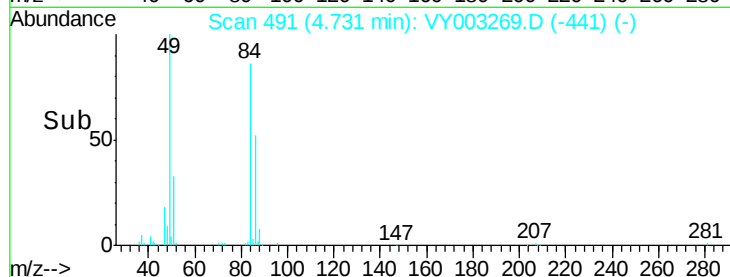
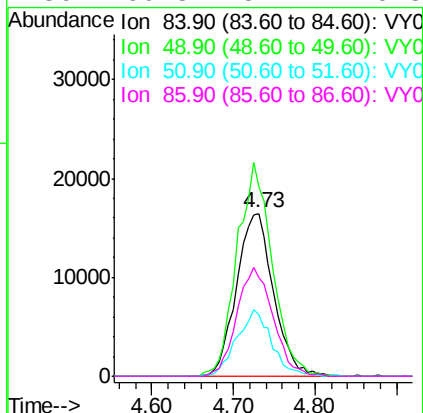
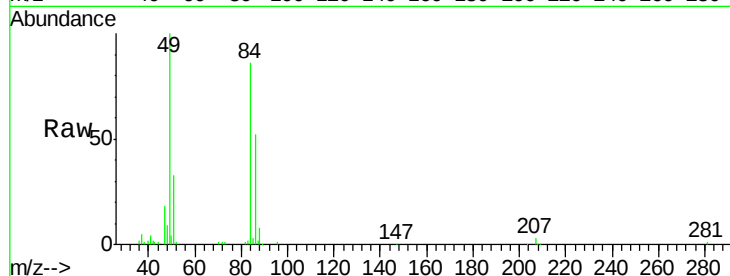




#20
Methvlene Chloride
Concen: 8.006 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY003269.D
Acq: 21 Jul 2020 23:15

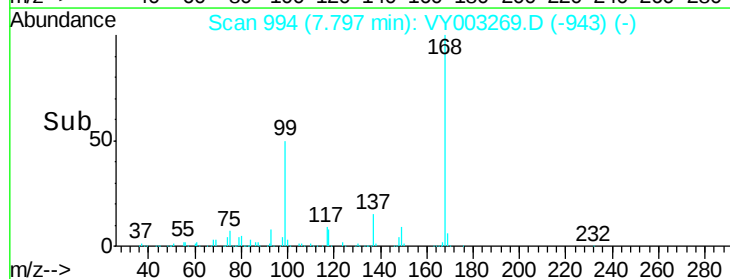
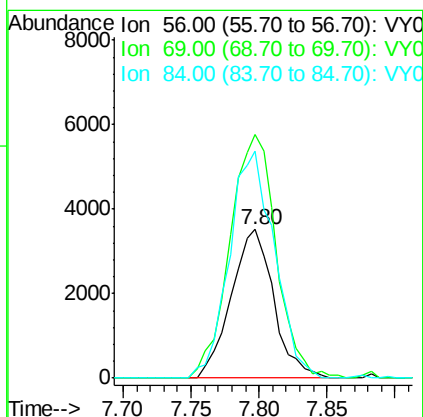
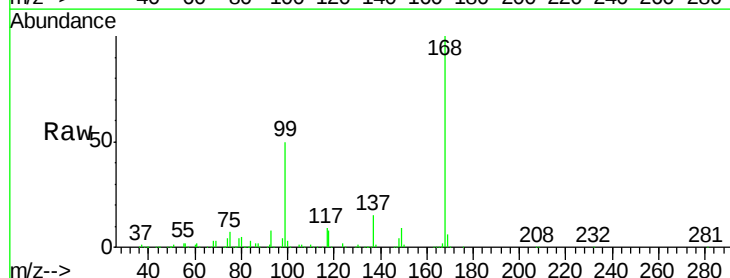
Instrument :
MSVOA_Y
ClientSampleId :
HS-01

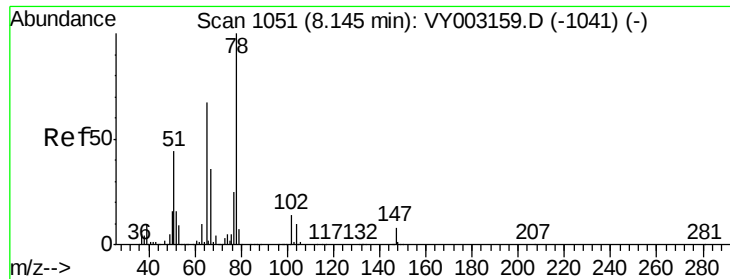
Tot Ion:	84	Resp:	51754
Ion	Ratio	Lower	Upper
84	100		
49	116.2	98.2	147.4
51	37.9	29.8	44.6
86	60.8	51.2	76.8



#31
Cyclohexane
Concen: 1.159 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY003269.D
Acq: 21 Jul 2020 23:15

Tgt Ion:	56	Resp:	7693
Ion	Ratio	Lower	Upper
56	100		
69	164.2	26.7	40.1#
84	152.8	72.3	108.5#

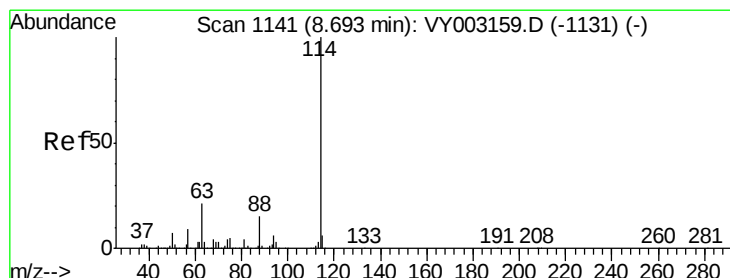
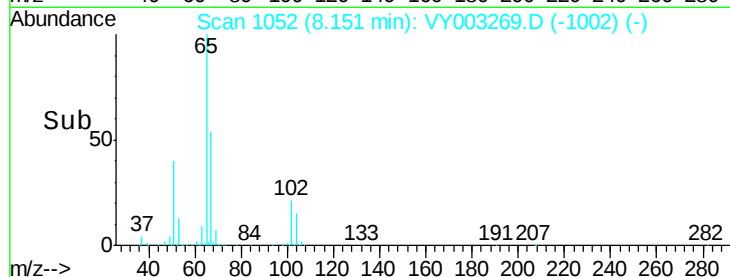
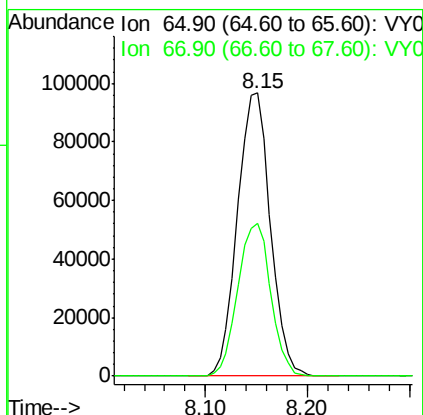
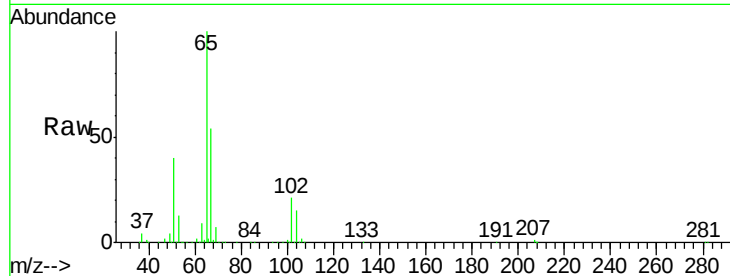




#33
 1,2-Dichloroethane-d4
 Concen: 59.439 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003269.D
 Acq: 21 Jul 2020 23:15

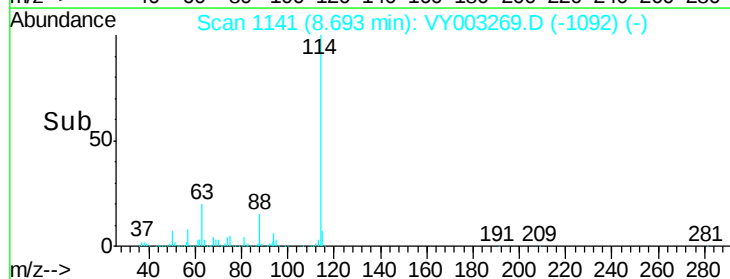
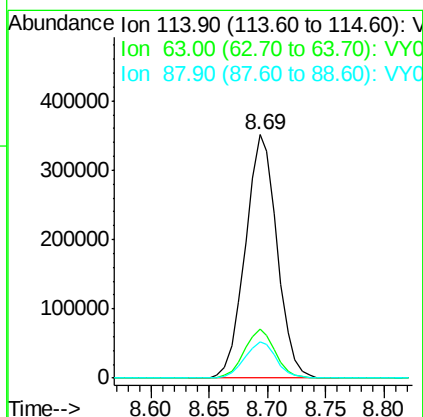
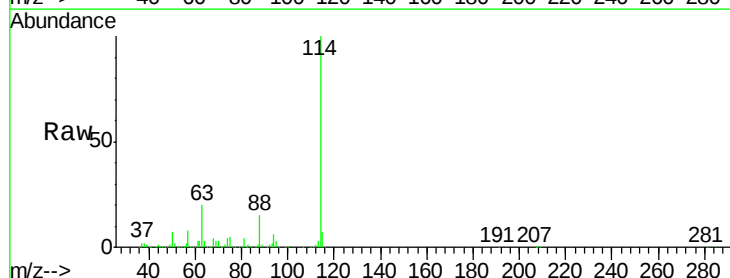
Instrument :
 MSVOA_Y
 ClientSampled :
 HS-01

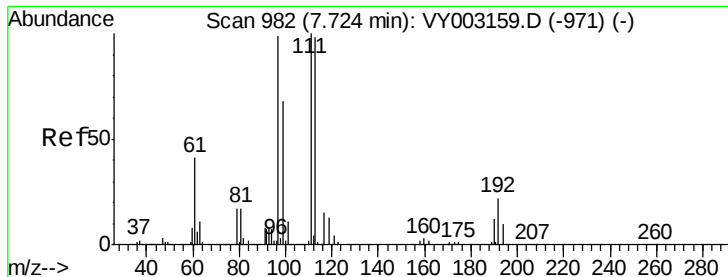
Tot Ion: 65 Resp: 216868
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003269.D
 Acq: 21 Jul 2020 23:15

Tgt Ion: 114 Resp: 666289
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.2
 88 15.0 0.0 30.2





#35

Dibromofluoromethane

Concen: 55.357 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003269.D

Acq: 21 Jul 2020 23:15

Instrument :

MSVOA_Y

ClientSampleId :

HS-01

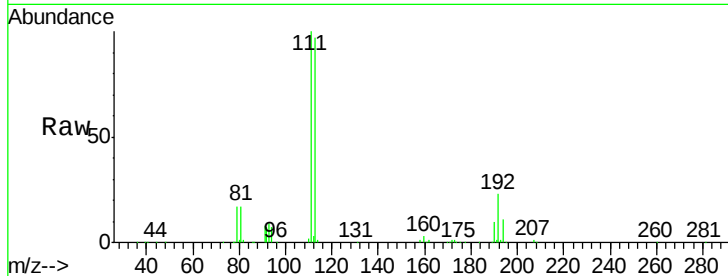
Tot Ion:113 Resp: 212259

Ion Ratio Lower Upper

113 100

111 102.8 82.1 123.1

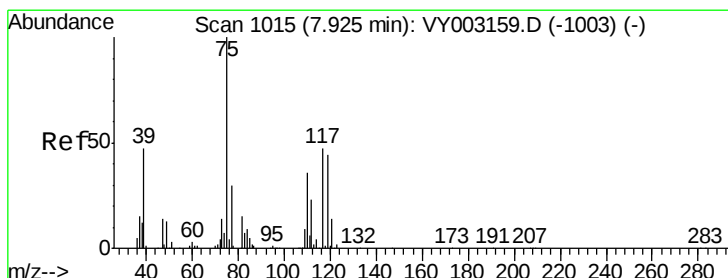
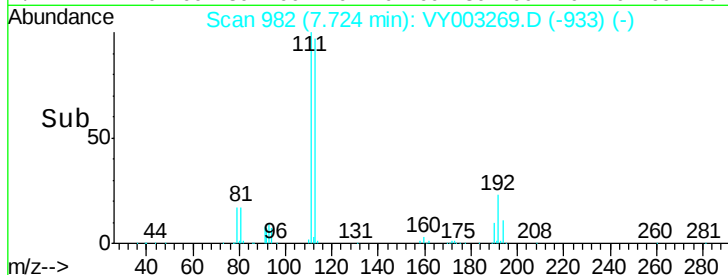
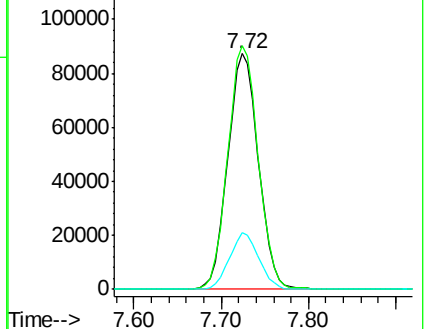
192 22.9 18.8 28.2



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: 4.875 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY003269.D

Acq: 21 Jul 2020 23:15

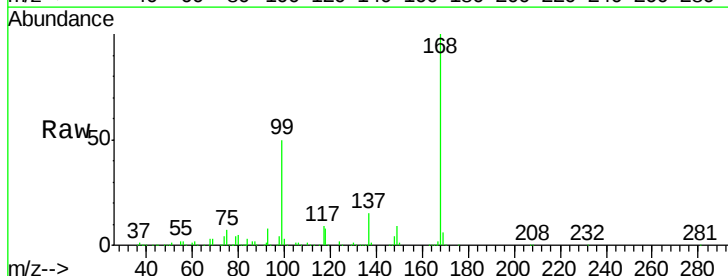
Tgt Ion: 75 Resp: 29438

Ion Ratio Lower Upper

75 100

110 9.8 18.1 54.1#

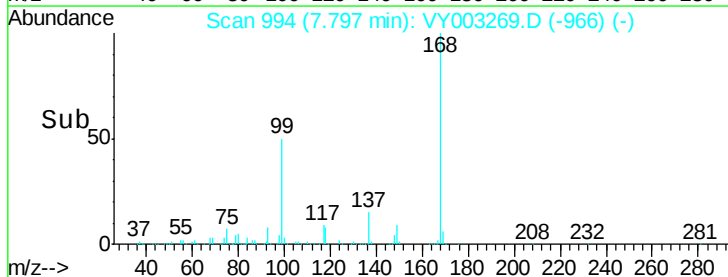
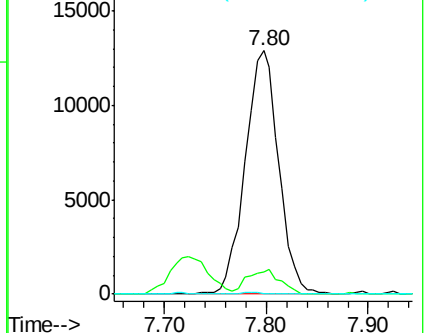
77 0.0 24.8 37.2#

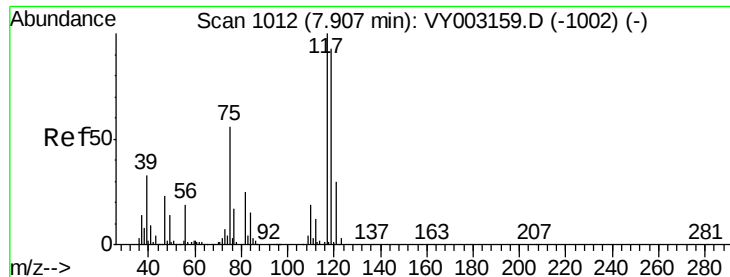


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#38

Carbon Tetrachloride

Concen: 6.213 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003269.D

Acq: 21 Jul 2020 23:15

Instrument :

MSVOA_Y

ClientSampled :

HS-01

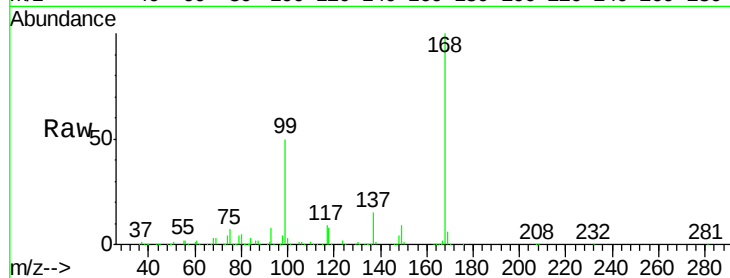
Tot Ion:117 Resp: 38731

Ion Ratio Lower Upper

117 100

119 5.2 74.5 111.7#

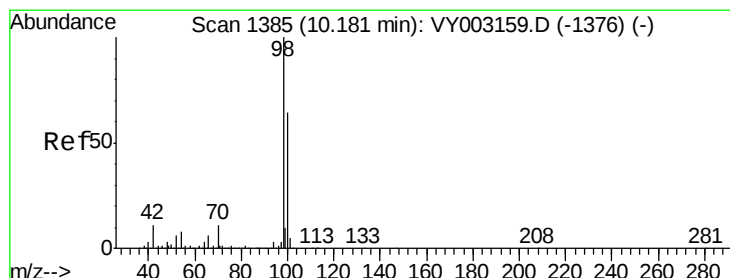
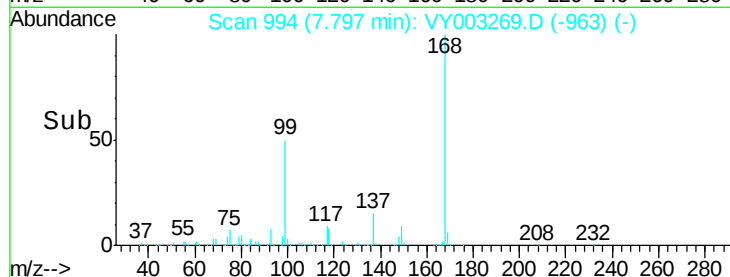
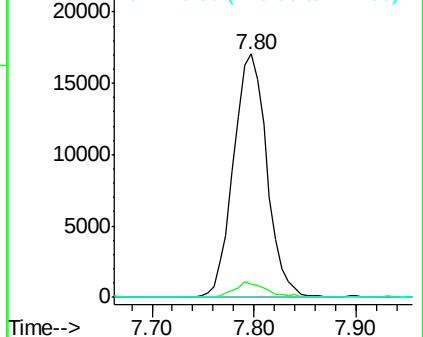
121 0.0 24.2 36.2#



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: 56.981 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003269.D

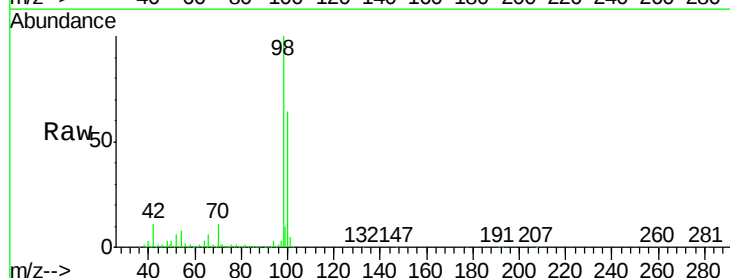
Acq: 21 Jul 2020 23:15

Tgt Ion: 98 Resp: 812281

Ion Ratio Lower Upper

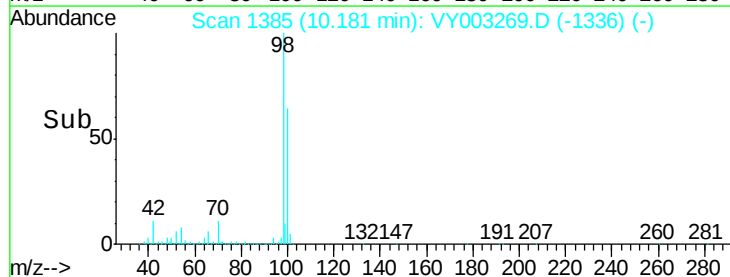
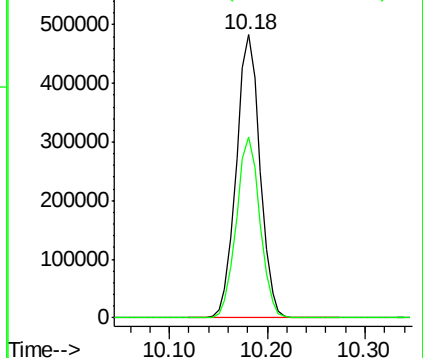
98 100

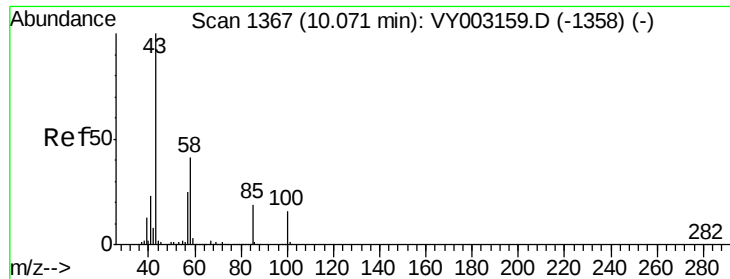
100 63.6 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#51

4-Methyl-2-Pentanone

Concen: 1.094 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.12 min

Lab File: VY003269.D

Acq: 21 Jul 2020 23:15

Instrument :

MSVOA_Y

ClientSampled :

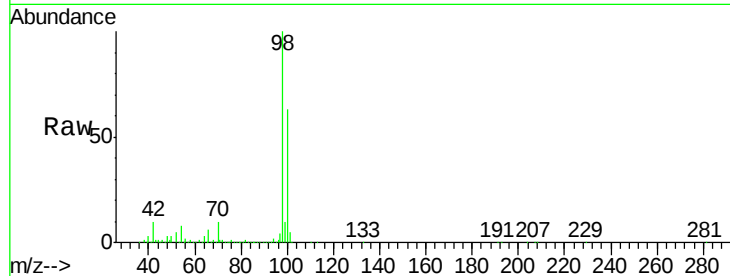
HS-01

Tot Ion: 43 Resp: 3578

Ion Ratio Lower Upper

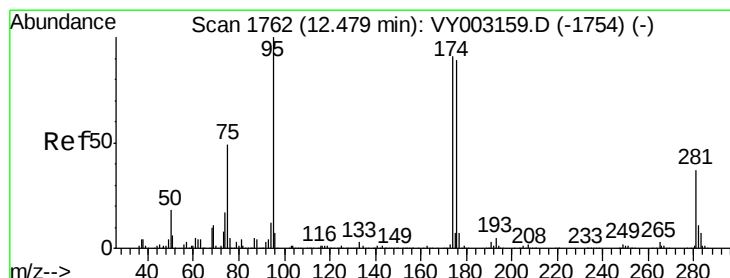
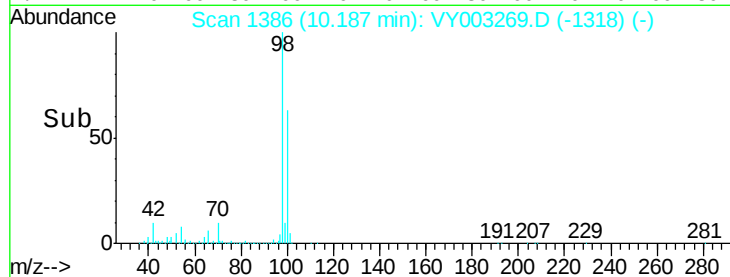
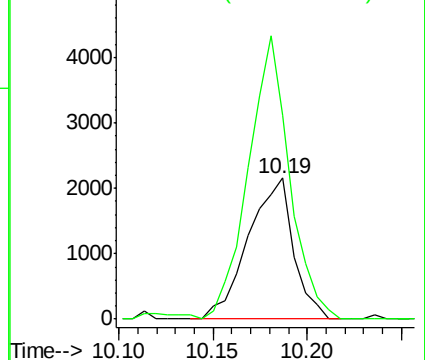
43 100

58 182.7 32.7 49.1#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#62

4-Bromofluorobenzene

Concen: 50.073 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003269.D

Acq: 21 Jul 2020 23:15

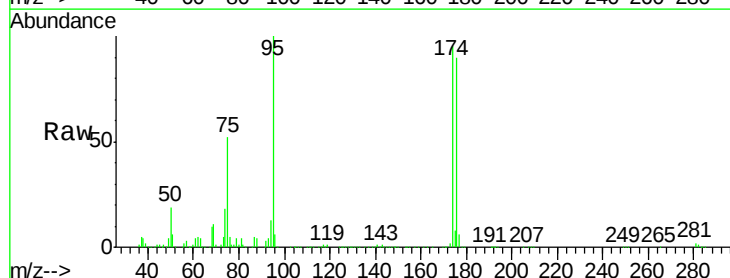
Tgt Ion: 95 Resp: 257871

Ion Ratio Lower Upper

95 100

174 97.1 0.0 190.6

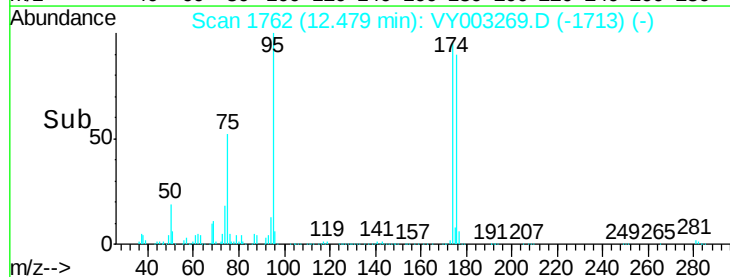
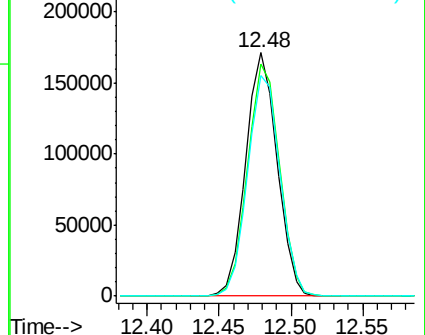
176 93.2 0.0 186.4

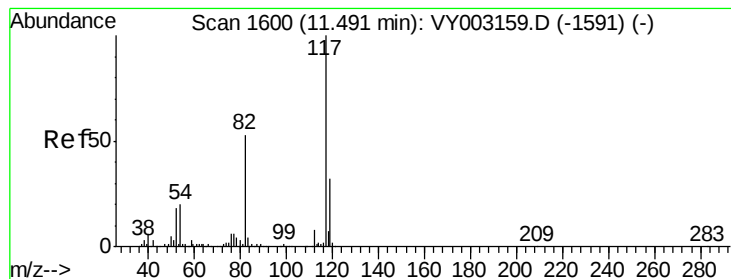


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY003269.D

Acq: 21 Jul 2020 23:15

Instrument :

MSVOA_Y

ClientSampled :

HS-01

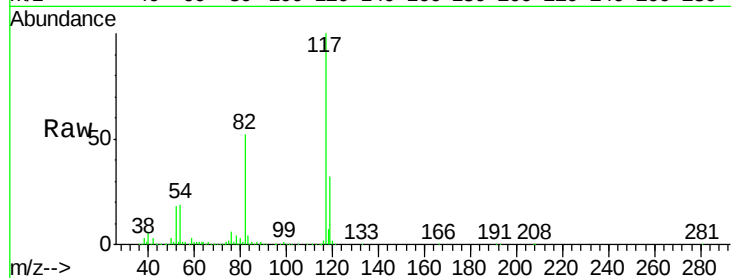
Tot Ion:117 Resp: 615863

Ion Ratio Lower Upper

117 100

82 51.8 42.0 63.0

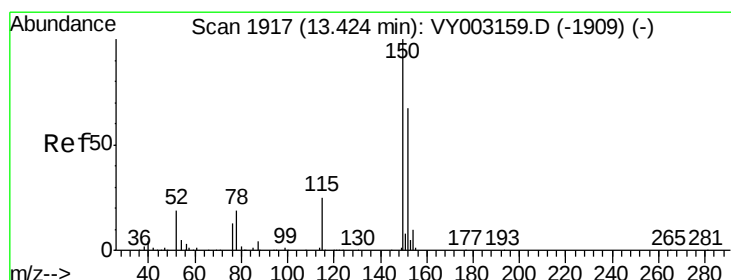
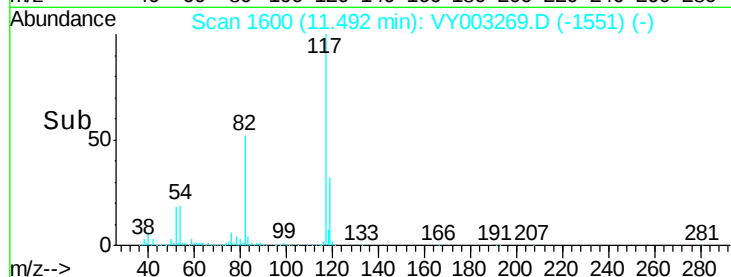
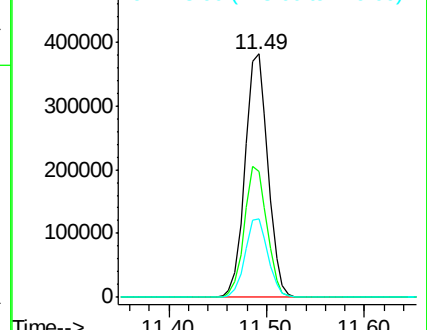
119 32.3 25.5 38.3



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: VY003269.D

Acq: 21 Jul 2020 23:15

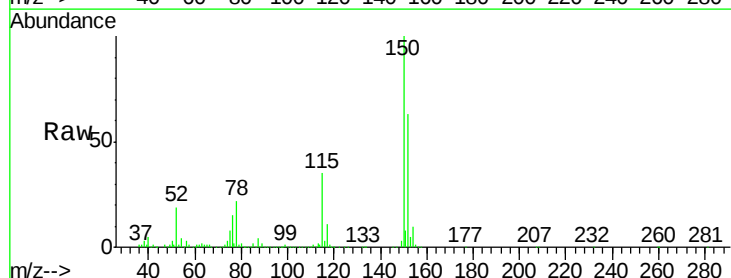
Tgt Ion:152 Resp: 292318

Ion Ratio Lower Upper

152 100

115 54.2 26.9 80.7

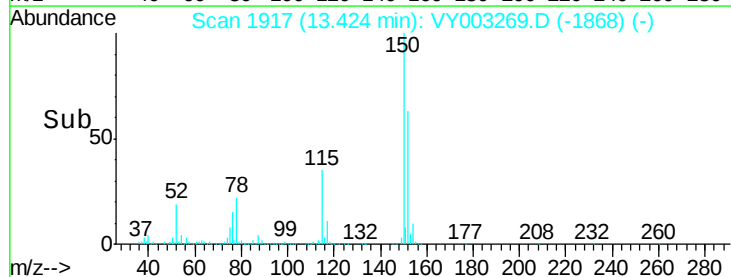
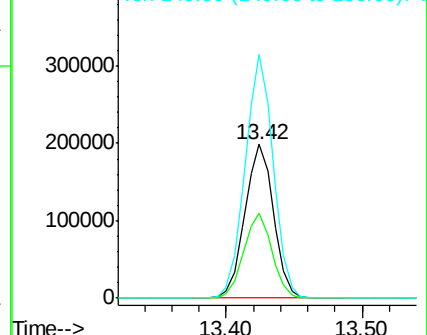
150 155.1 0.0 338.0

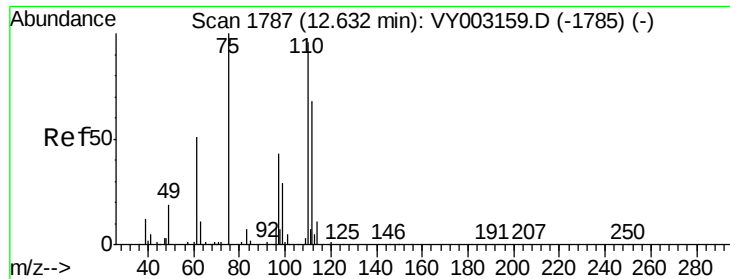


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 49.983 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003269.D

Acq: 21 Jul 2020 23:15

Instrument :

MSVOA_Y

ClientSampled :

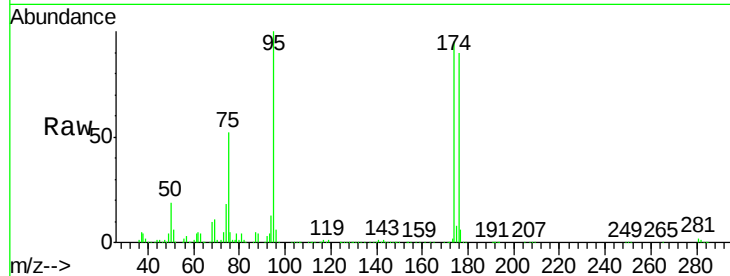
HS-01

Tot Ion: 75 Resp: 129331

Ion Ratio Lower Upper

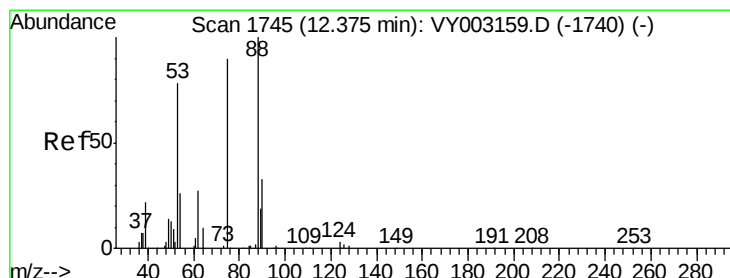
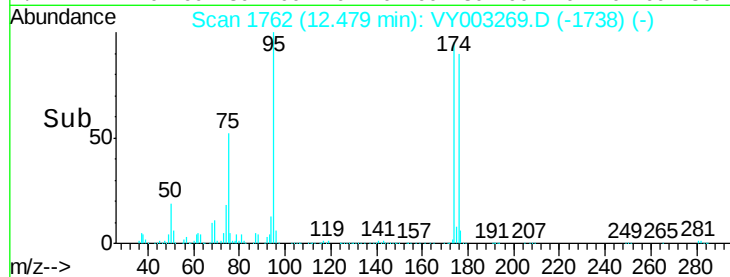
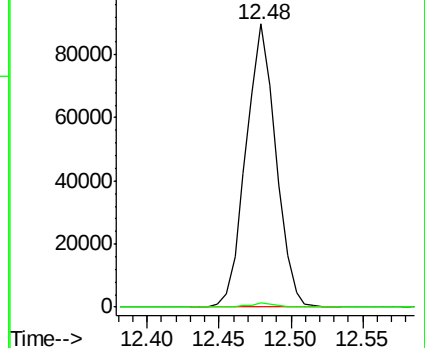
75 100

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: 97.276 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003269.D

Acq: 21 Jul 2020 23:15

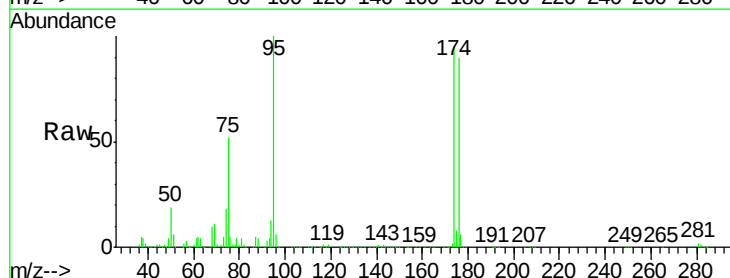
Tgt Ion: 75 Resp: 129331

Ion Ratio Lower Upper

75 100

53 0.0 72.0 108.0#

89 0.0 37.3 55.9#



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

