

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072120\
 Data File : VY003267.D
 Acq On : 21 Jul 2020 22:27
 Operator : SY/MD
 Sample : L3351-02
 Misc : 7.64G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SAMPLE-1A

Quant Time: Jul 22 02:47:50 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

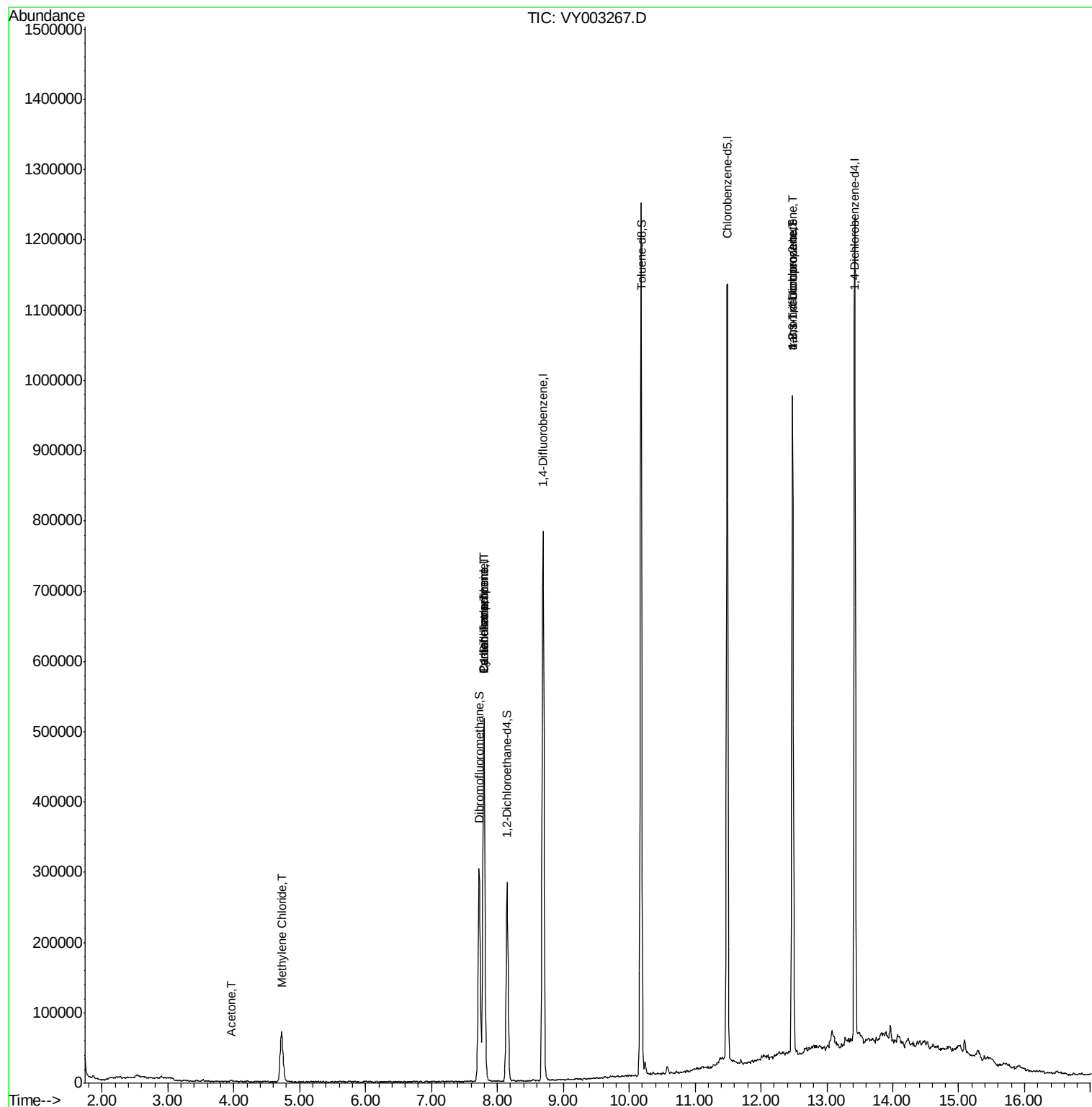
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	427279	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	669796	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	623863	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	304910	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	218495	60.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.18%	
35) Dibromofluoromethane	7.72	113	212232	55.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.12%	
50) Toluene-d8	10.18	98	821465	57.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.64%	
62) 4-Bromofluorobenzene	12.48	95	270474	52.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.50%	
Target Compounds						
16) Acetone	3.96	43	2775	3.445	ug/l	98
20) Methylene Chloride	4.72	84	54630	8.969	ug/l	97
31) Cyclohexane	7.79	56	7750	1.181	ug/l #	8
36) 1,1-Dichloropropene	7.79	75	29069	4.789	ug/l #	49
38) Carbon Tetrachloride	7.80	117	39184	6.252	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	137646	50.999	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	137646	99.254	ug/l #	13

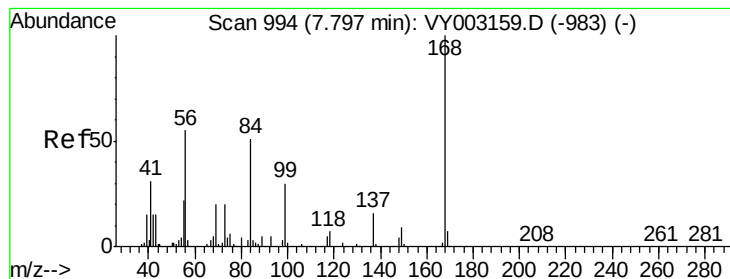
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003267.D

Acq: 21 Jul 2020 22:27

Instrument :

MSVOA_Y

ClientSampleId :

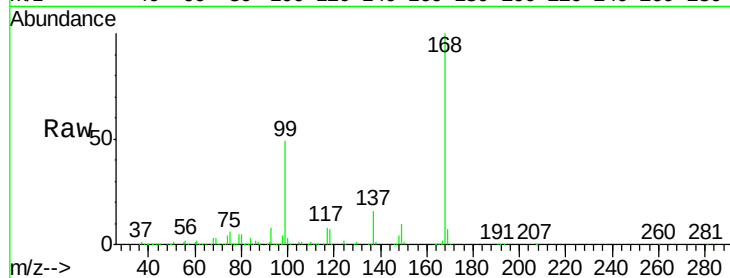
SAMPLE-1A

Tot Ion:168 Resp: 427279

Ion Ratio Lower Upper

168 100

99 49.1 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003159.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003159.D (-983) (-)

7.80

200000

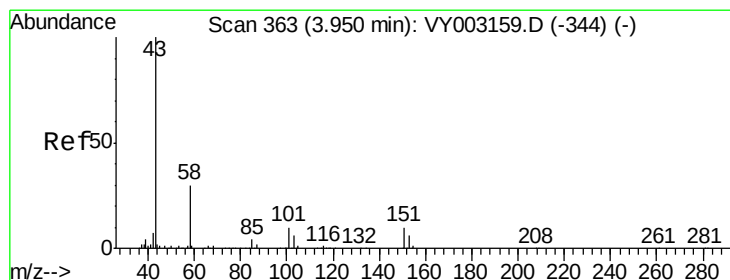
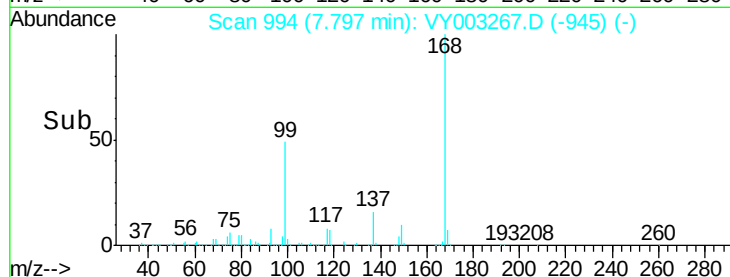
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 3.445 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY003267.D

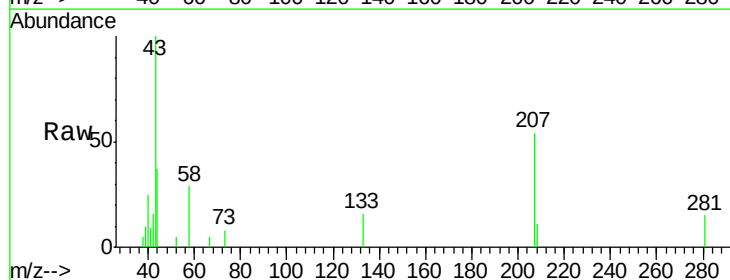
Acq: 21 Jul 2020 22:27

Tgt Ion: 43 Resp: 2775

Ion Ratio Lower Upper

43 100

58 28.8 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VY003159.D (-344) (-)

Ion 58.00 (57.70 to 58.70): VY003159.D (-344) (-)

3.96

1200

1000

800

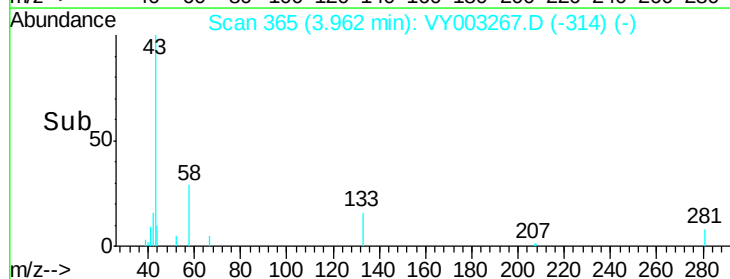
600

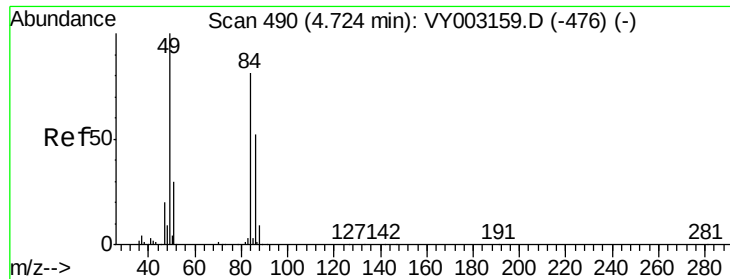
400

200

0

Time-->

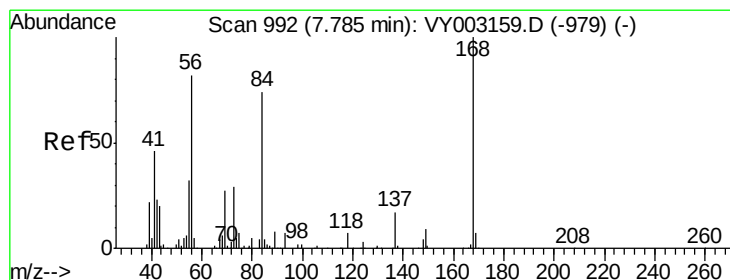
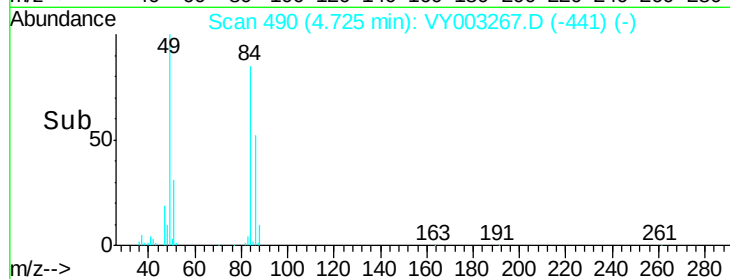
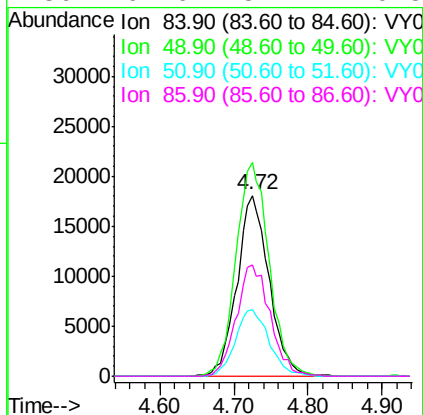
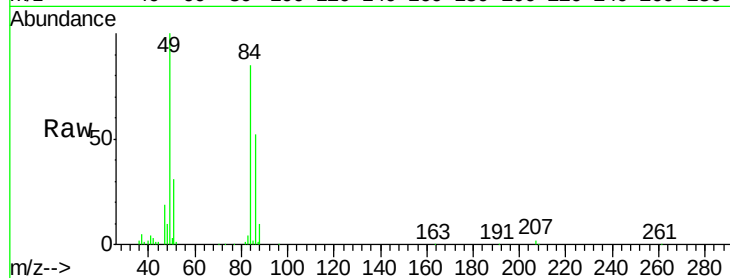




#20
Methylene Chloride
Concen: 8.969 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003267.D
Acq: 21 Jul 2020 22:27

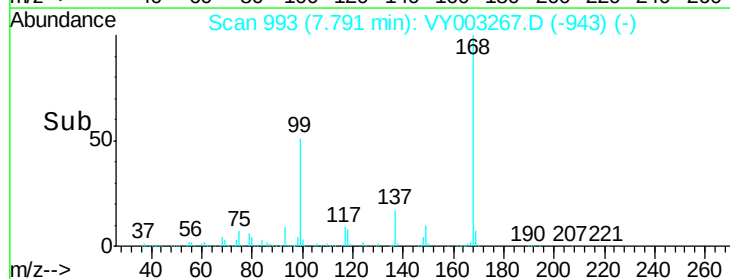
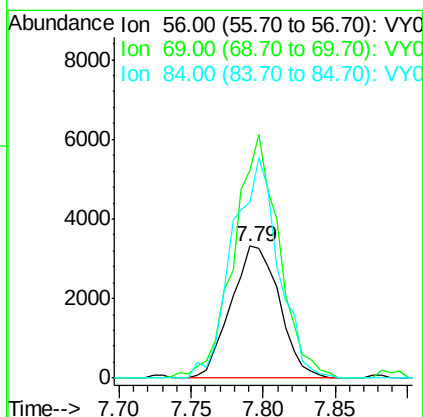
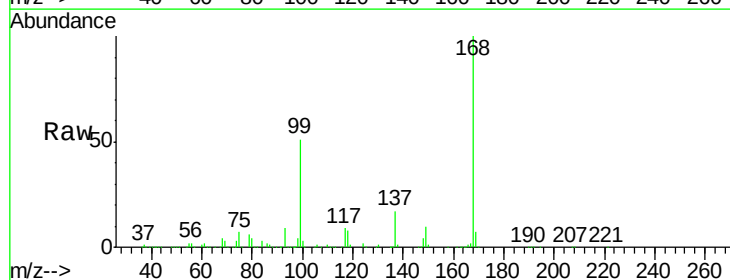
Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-1A

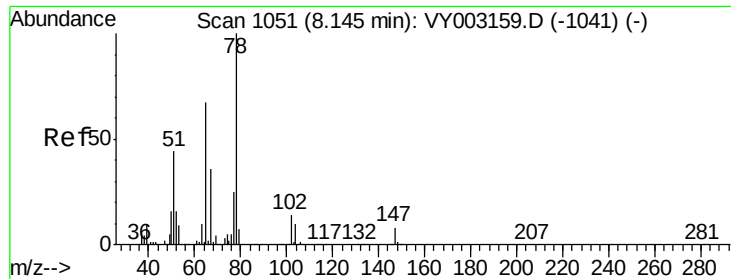
Tot Ion:	84	Resp:	54630
Ion	Ratio	Lower	Upper
84	100		
49	117.9	98.2	147.4
51	36.9	29.8	44.6
86	61.6	51.2	76.8



#31
Cyclohexane
Concen: 1.181 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.01 min
Lab File: VY003267.D
Acq: 21 Jul 2020 22:27

Tgt Ion:	56	Resp:	7750
Ion	Ratio	Lower	Upper
56	100		
69	157.6	26.7	40.1#
84	133.7	72.3	108.5#

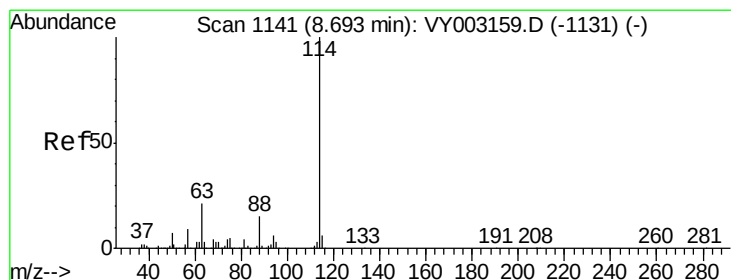
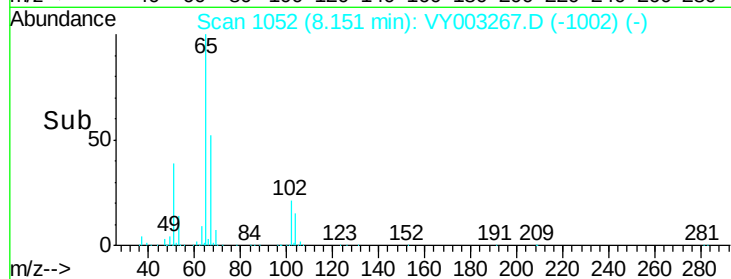
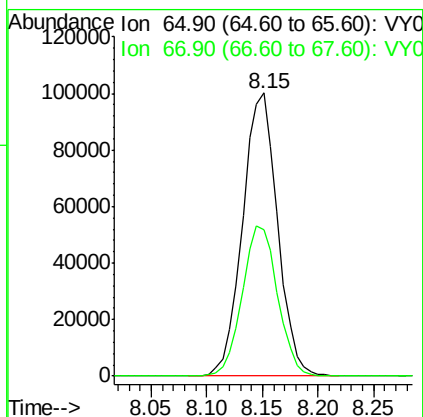
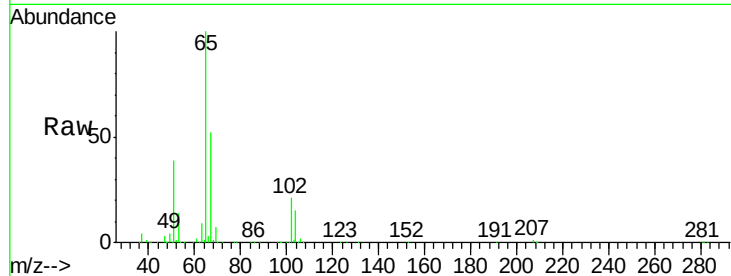




#33
 1,2-Dichloroethane-d4
 Concen: 60.586 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003267.D
 Acq: 21 Jul 2020 22:27

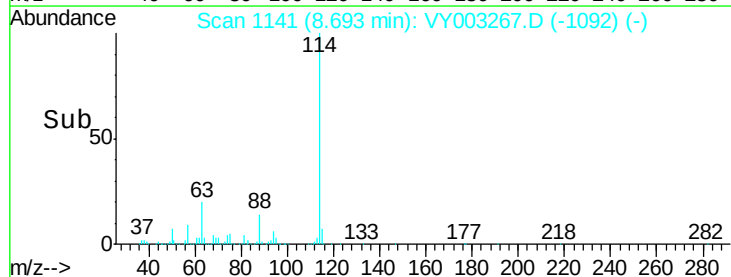
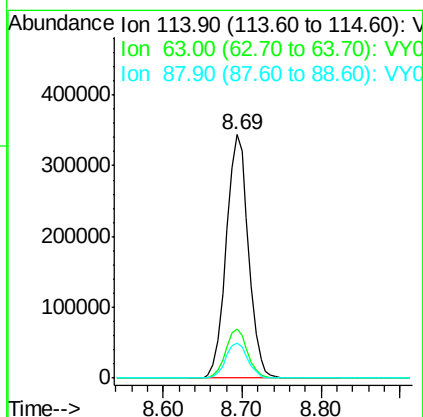
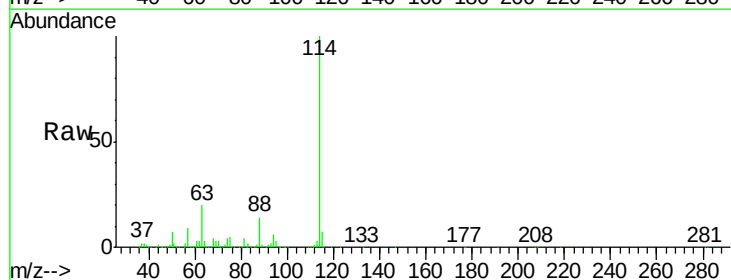
Instrument :
 MSVOA_Y
 ClientSampleId :
 SAMPLE-1A

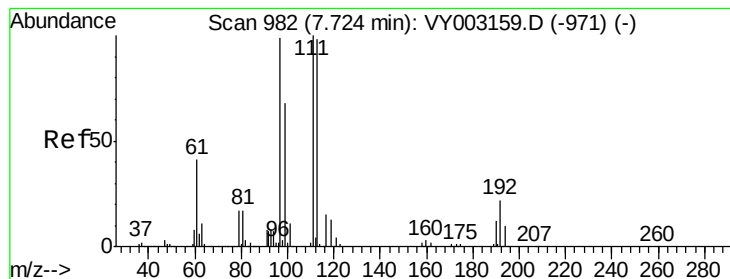
Tot Ion: 65 Resp: 218495
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003267.D
 Acq: 21 Jul 2020 22:27

Tgt Ion: 114 Resp: 669796
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 41.2
 88 14.5 0.0 30.2





#35

Dibromofluoromethane

Concen: 55.061 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003267.D

Acq: 21 Jul 2020 22:27

Instrument :

MSVOA_Y

ClientSampleId :

SAMPLE-1A

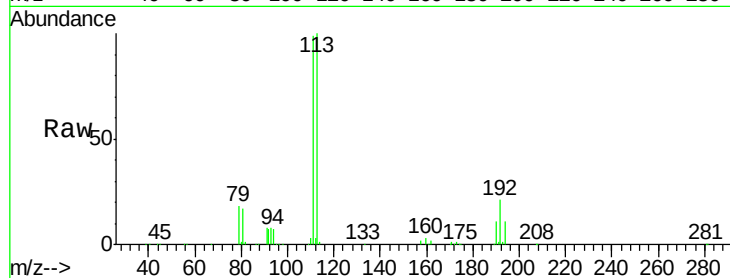
Tot Ion:113 Resp: 212232

Ion Ratio Lower Upper

113 100

111 102.0 82.1 123.1

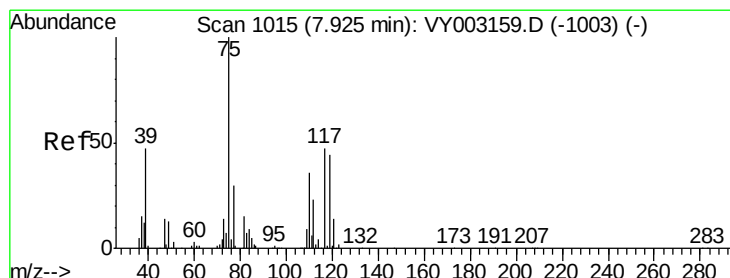
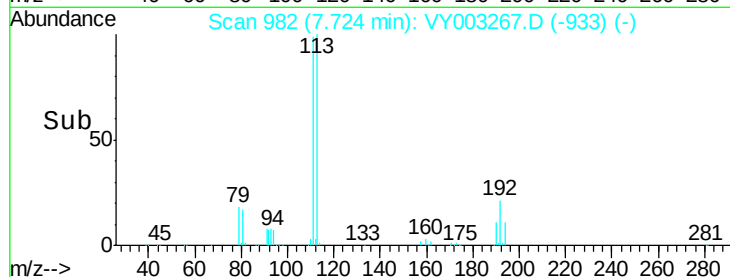
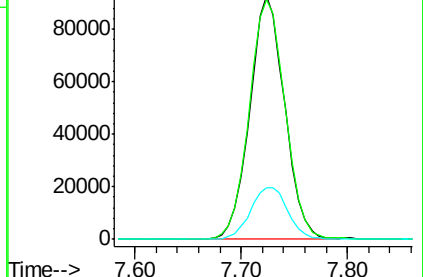
192 22.8 18.8 28.2



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: 4.789 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.13 min

Lab File: VY003267.D

Acq: 21 Jul 2020 22:27

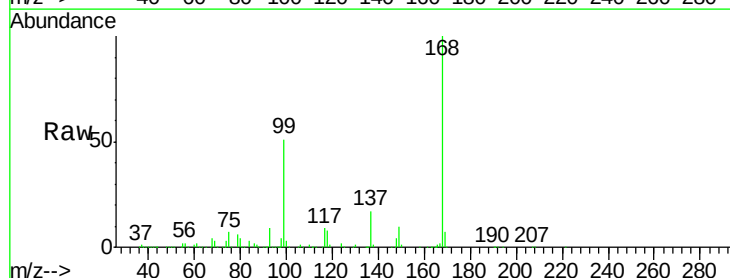
Tgt Ion: 75 Resp: 29069

Ion Ratio Lower Upper

75 100

110 9.2 18.1 54.1#

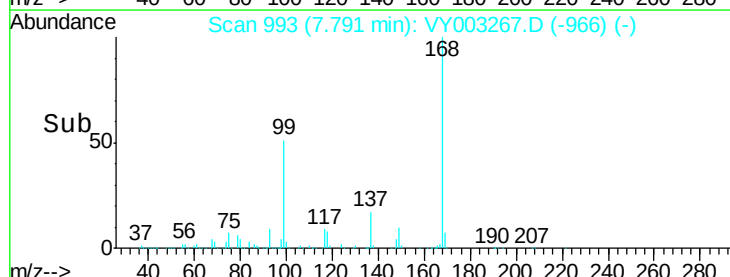
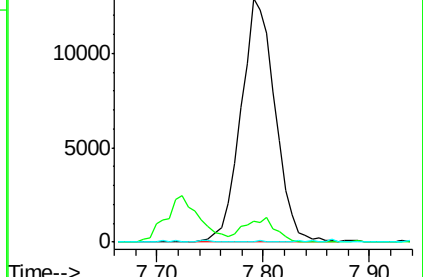
77 0.1 24.8 37.2#

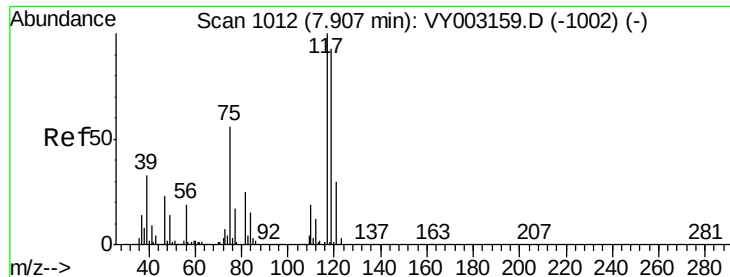


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#38

Carbon Tetrachloride

Concen: 6.252 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.10 min

Lab File: VY003267.D

Acq: 21 Jul 2020 22:27

Instrument :

MSVOA_Y

ClientSampleId :

SAMPLE-1A

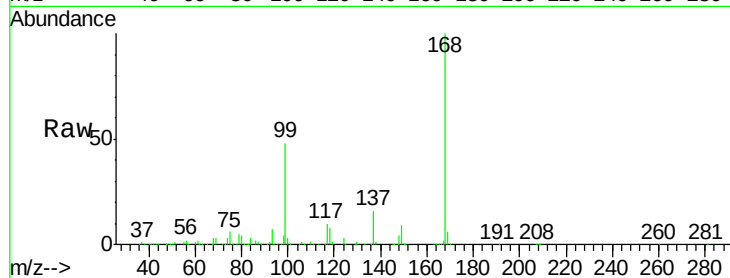
Tot Ion:117 Resp: 39184

Ion Ratio Lower Upper

117 100

119 5.2 74.5 111.7#

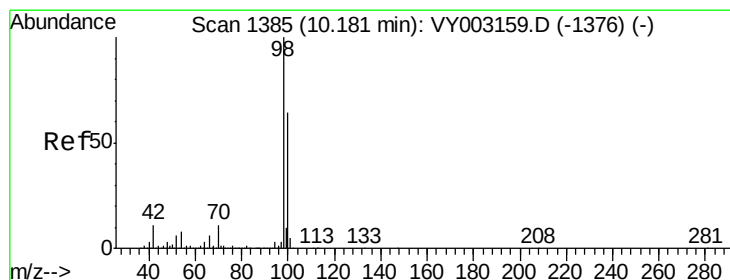
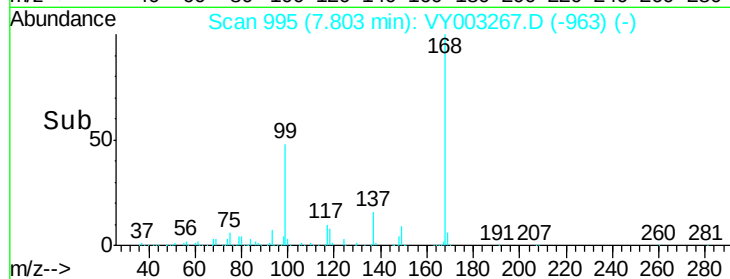
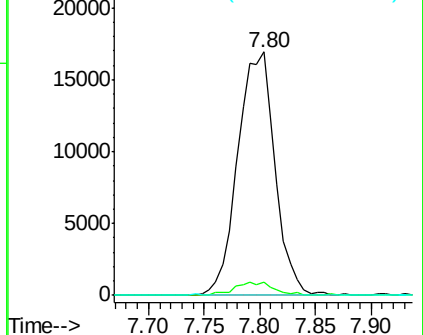
121 0.0 24.2 36.2#



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: 57.323 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003267.D

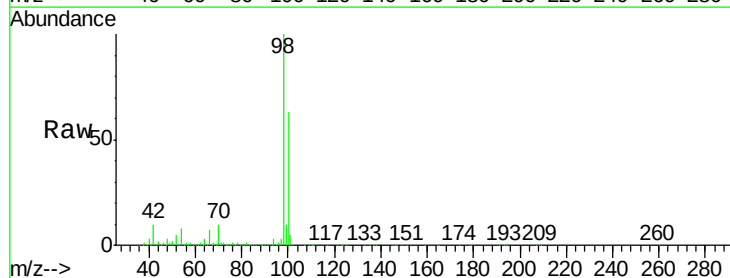
Acq: 21 Jul 2020 22:27

Tgt Ion: 98 Resp: 821465

Ion Ratio Lower Upper

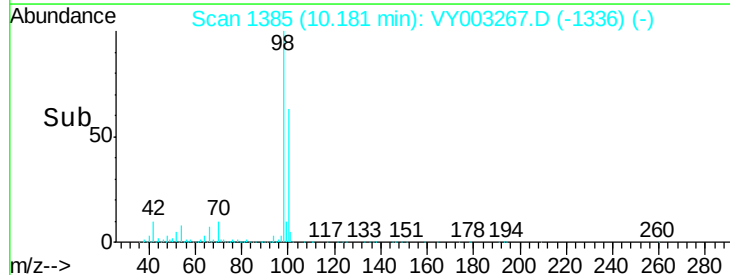
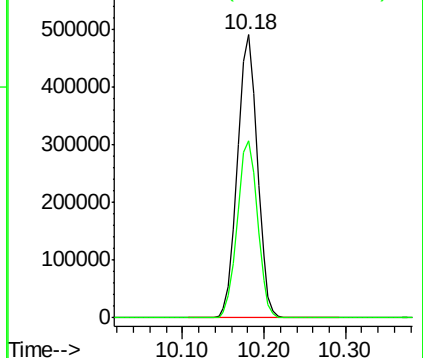
98 100

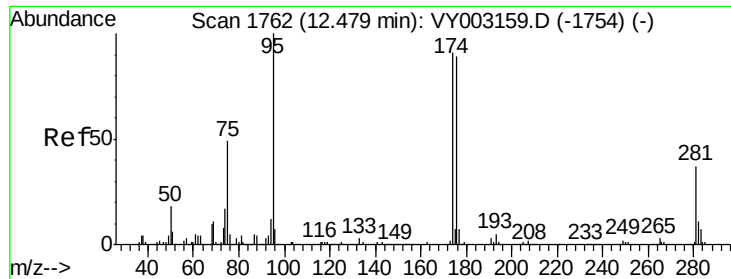
100 63.4 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

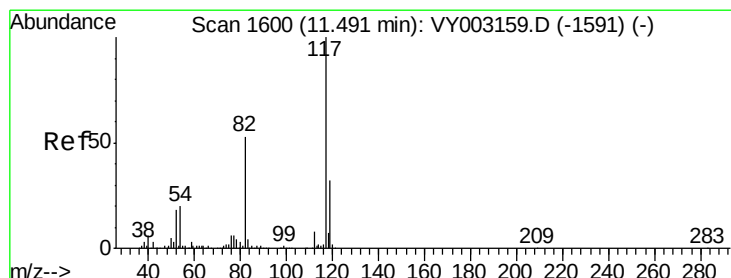
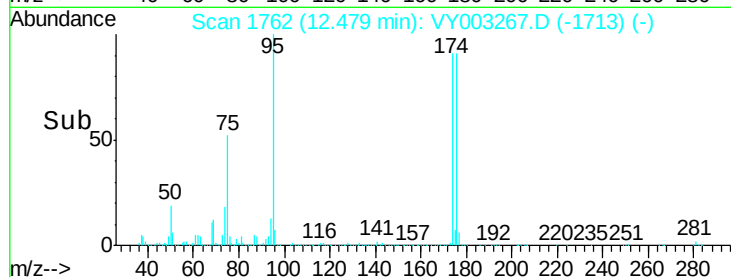
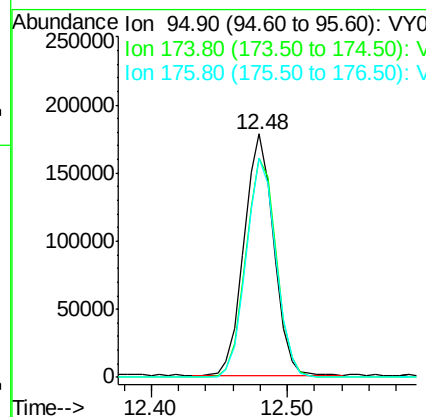
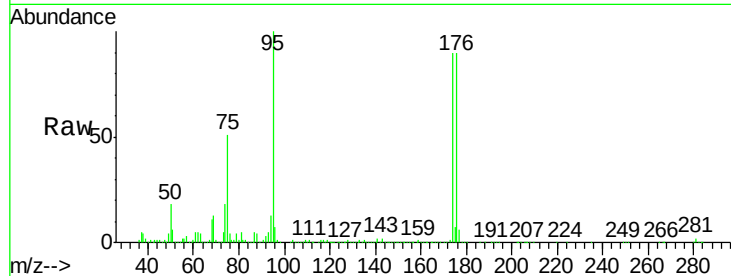




#62
4-Bromofluorobenzene
Concen: 52.245 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY003267.D
Acq: 21 Jul 2020 22:27

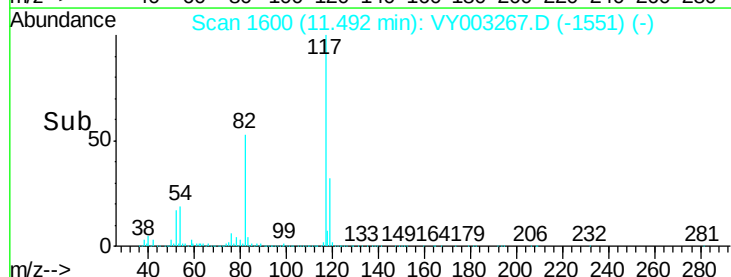
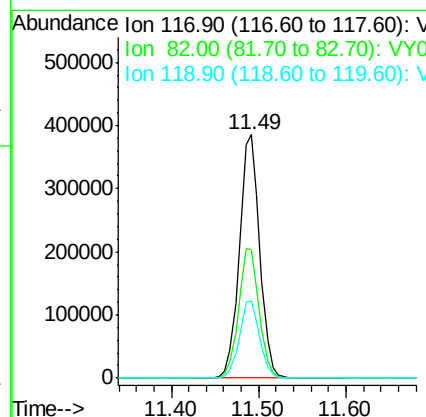
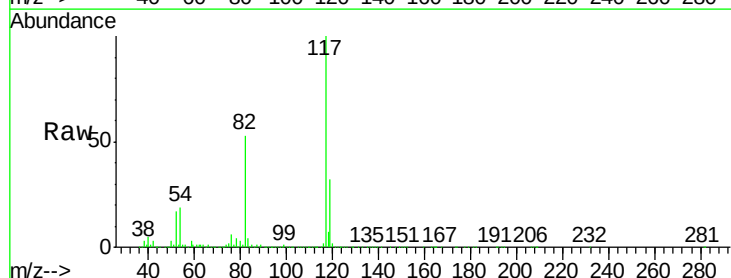
Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-1A

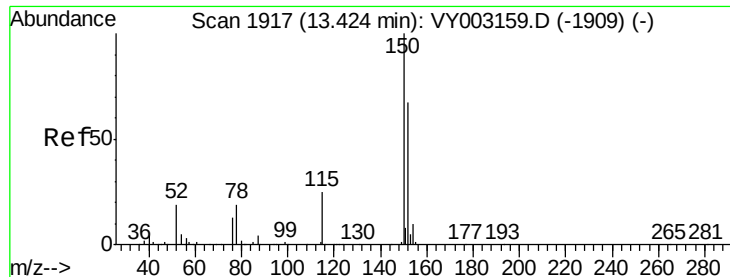
Tot Ion	95	Resp	270474
Ion Ratio	Lower	Upper	
95	100		
174	93.5	0.0	190.6
176	91.3	0.0	186.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003267.D
Acq: 21 Jul 2020 22:27

Tgt Ion	117	Resp	623863
Ion Ratio	Lower	Upper	
117	100		
82	52.7	42.0	63.0
119	31.9	25.5	38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY003267.D

Acq: 21 Jul 2020 22:27

Instrument :

MSVOA_Y

ClientSampleId :

SAMPLE-1A

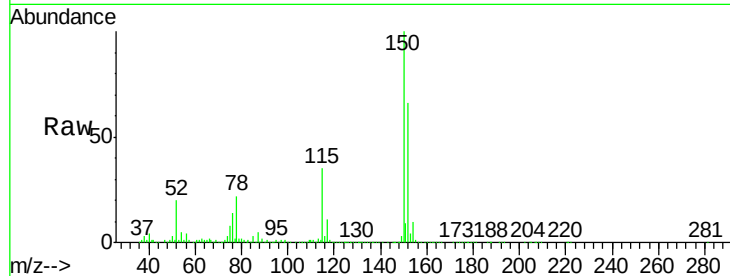
Tot Ion:152 Resp: 304910

Ion Ratio Lower Upper

152 100

115 54.0 26.9 80.7

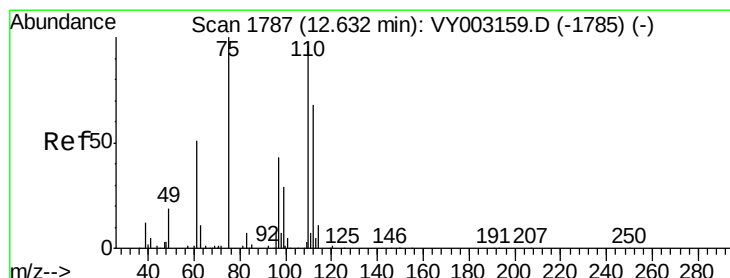
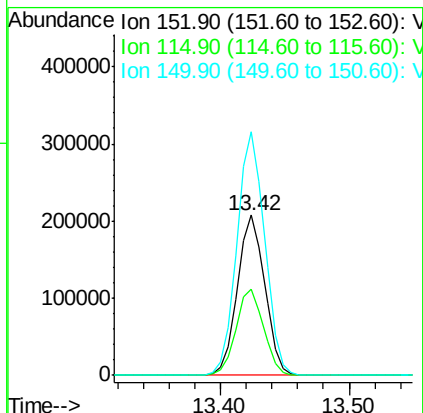
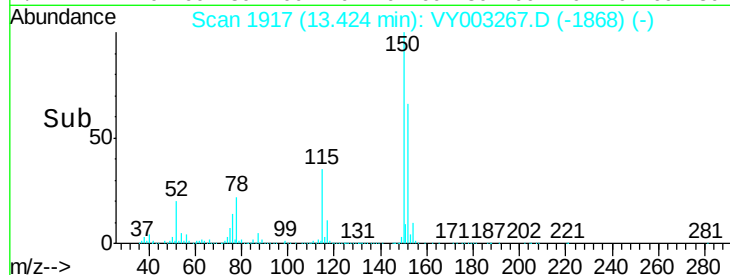
150 153.9 0.0 338.0



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: 50.999 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003267.D

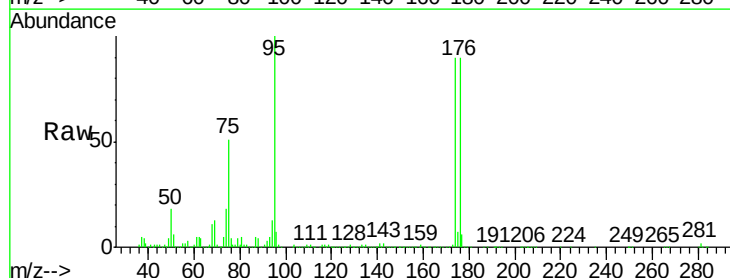
Acq: 21 Jul 2020 22:27

Tgt Ion: 75 Resp: 137646

Ion Ratio Lower Upper

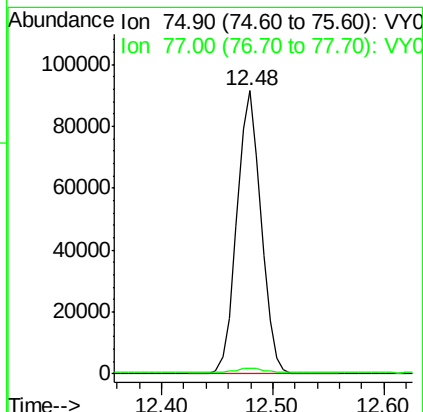
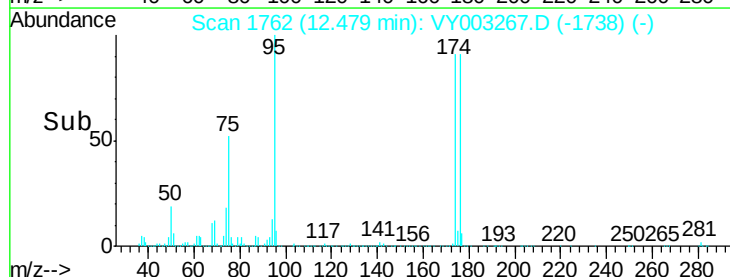
75 100

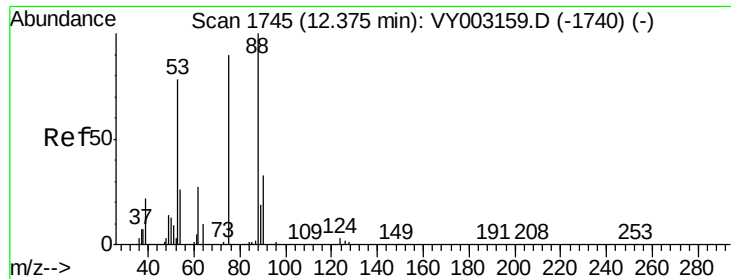
77 1.9 0.0 0.0#



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: 99.254 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003267.D

Acq: 21 Jul 2020 22:27

Instrument :

MSVOA_Y

ClientSampleId :

SAMPLE-1A

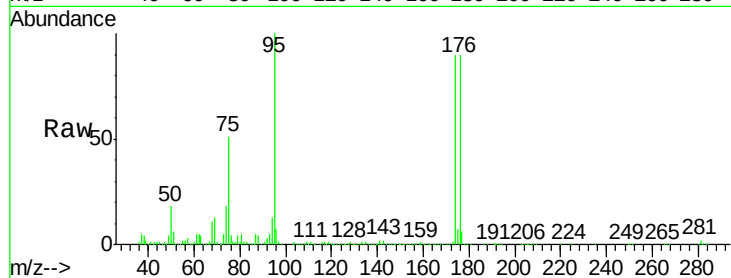
Tot Ion: 75 Resp: 137646

Ion Ratio Lower Upper

75 100

53 0.3 72.0 108.0#

89 0.1 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

