

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY061920\
 Data File : VY002947.D
 Acq On : 19 Jun 2020 19:00
 Operator : SY/MD
 Sample : L3046-02
 Misc : 7.74G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ISS-A-G2

Quant Time: Jun 20 03:58:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 15:04:26 2020
 Response via : Initial Calibration

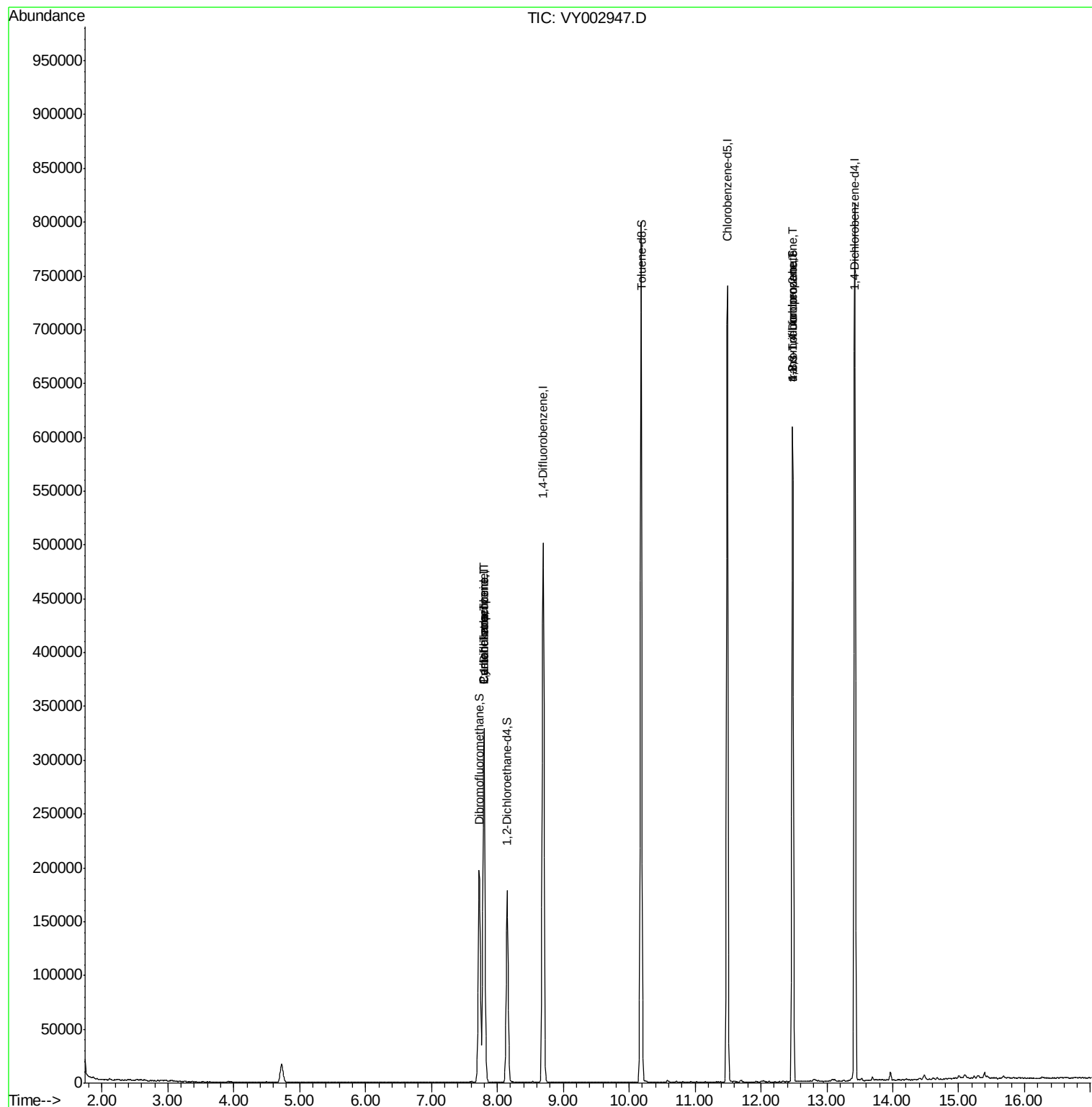
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	276816	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	461650	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	431990	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	219123	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	135475	59.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.50%	
35) Dibromofluoromethane	7.72	113	142888	54.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.40%	
50) Toluene-d8	10.18	98	541509	52.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.16%	
62) 4-Bromofluorobenzene	12.48	95	189853	53.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.28%	
Target Compounds						
18) Methyl Acetate	4.48	43	698	Below Cal		90
20) Methylene Chloride	4.73	84	13768	Below Cal		91
31) Cyclohexane	7.79	56	4138	1.054 ug/l #		1
36) 1,1-Dichloropropene	7.79	75	17110	4.564 ug/l #		48
38) Carbon Tetrachloride	7.80	117	24418	5.910 ug/l #		17
76) 1,2,3-Trichloropropane	12.48	75	87758	45.987 ug/l #		100
81) trans-1,4-Dichloro-2-buten	12.48	75	87758	87.798 ug/l #		16

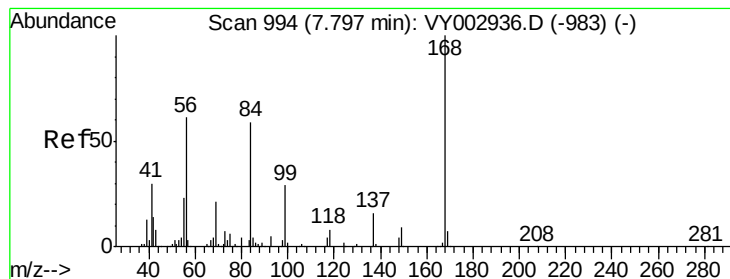
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002947.D

Acq: 19 Jun 2020 19:00

Instrument :

MSVOA_Y

ClientSampleId :

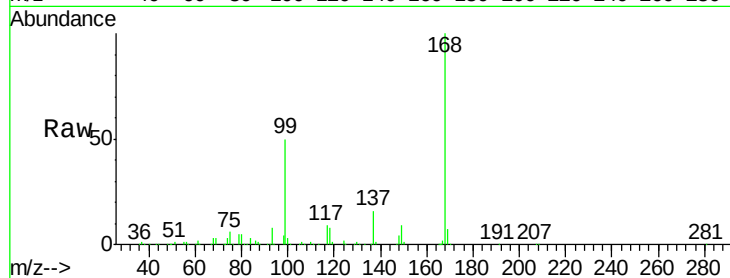
ISS-A-G2

Tgt Ion:168 Resp: 276816

Ion Ratio Lower Upper

168 100

99 50.3 39.5 59.3



Abundance Ion 167.90 (167.60 to 168.60): VY002947.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002947.D (-983) (-)

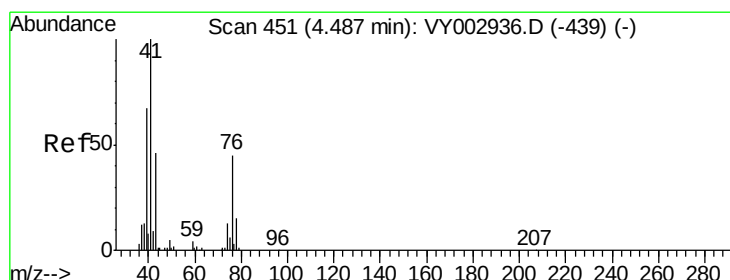
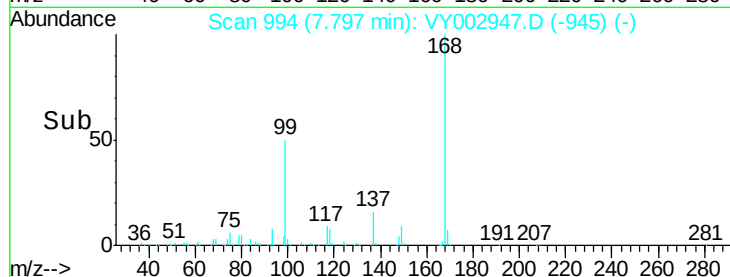
7.80

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: Below Cal

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY002947.D

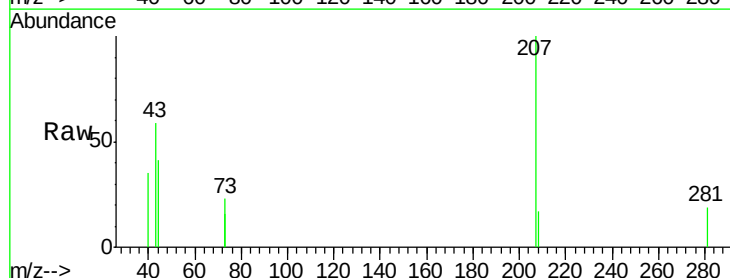
Acq: 19 Jun 2020 19:00

Tgt Ion: 43 Resp: 698

Ion Ratio Lower Upper

43 100

74 21.3 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VY002947.D (-439) (-)

Ion 74.00 (73.70 to 74.70): VY002947.D (-439) (-)

4.48

300

250

200

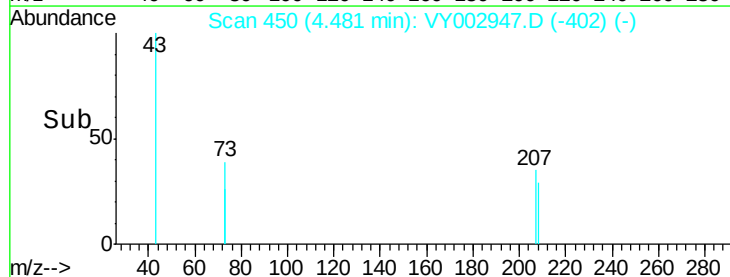
150

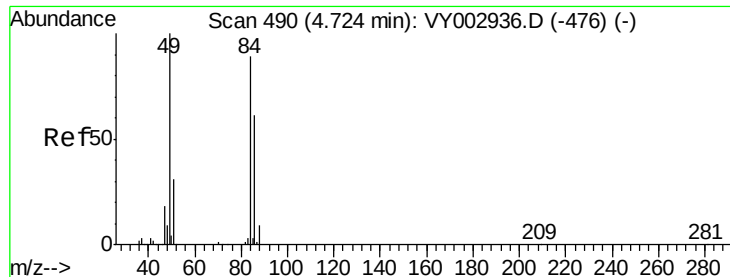
100

50

0

Time-->

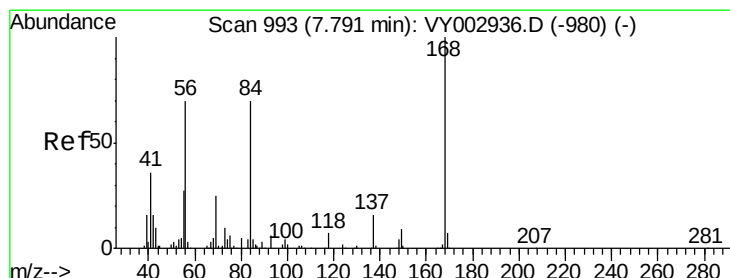
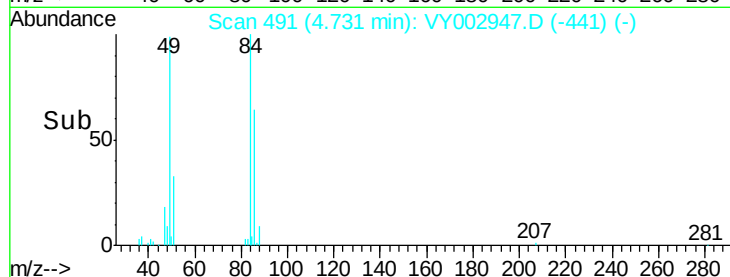
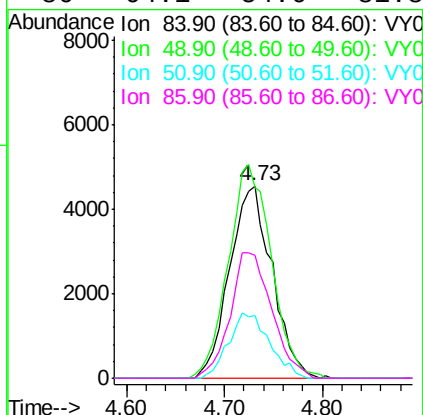
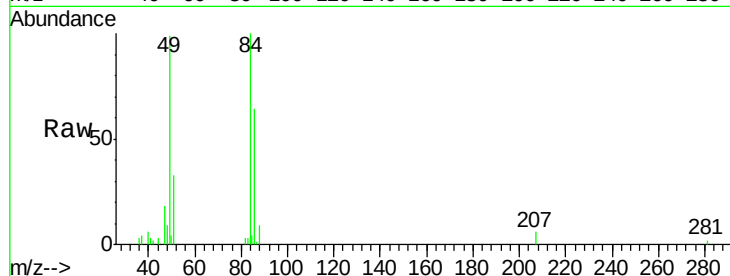




#20
Methylene Chloride
Concen: Below Cal
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY002947.D
Acq: 19 Jun 2020 19:00

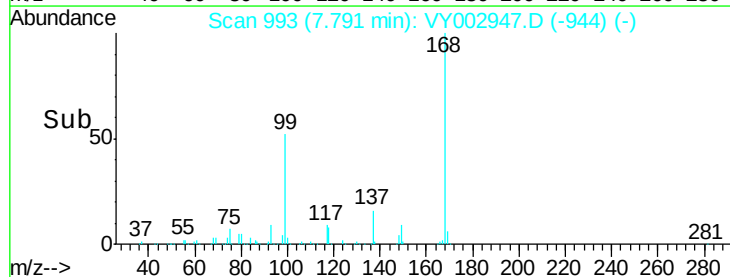
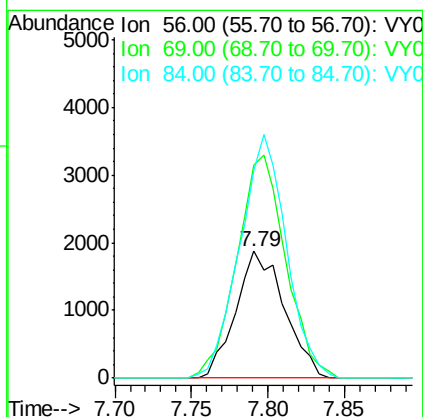
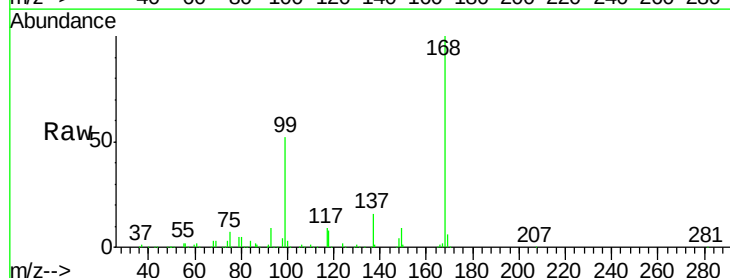
Instrument :
MSVOA_Y
ClientSampleId :
ISS-A-G2

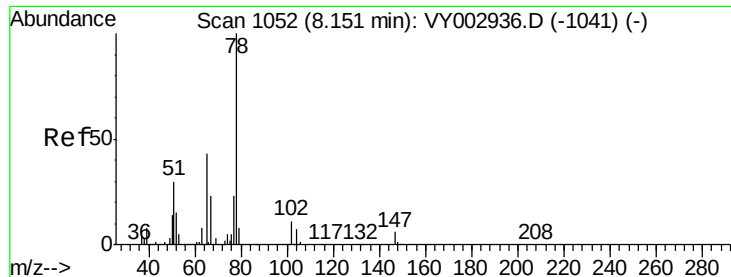
Tgt Ion:	84	Resp:	13768
Ion	Ratio	Lower	Upper
84	100		
49	99.4	90.0	135.0
51	32.7	27.9	41.9
86	64.1	54.6	81.8



#31
Cyclohexane
Concen: 1.054 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY002947.D
Acq: 19 Jun 2020 19:00

Tgt Ion:	56	Resp:	4138
Ion	Ratio	Lower	Upper
56	100		
69	167.4	28.9	43.3#
84	163.5	80.1	120.1#

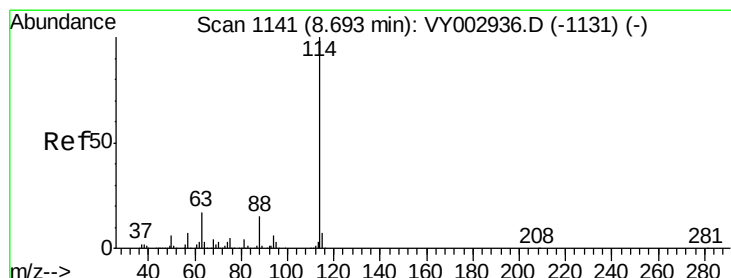
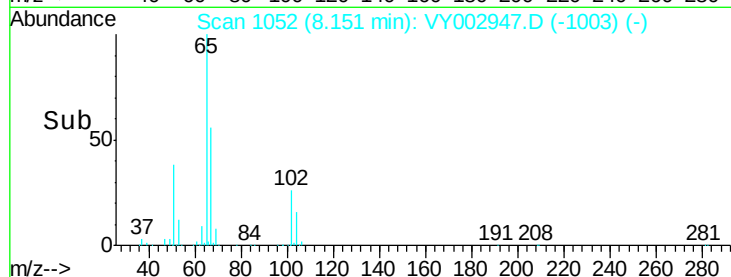
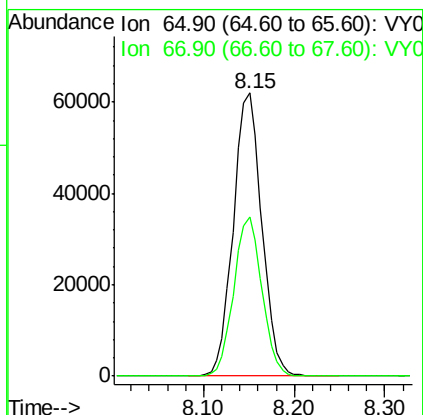
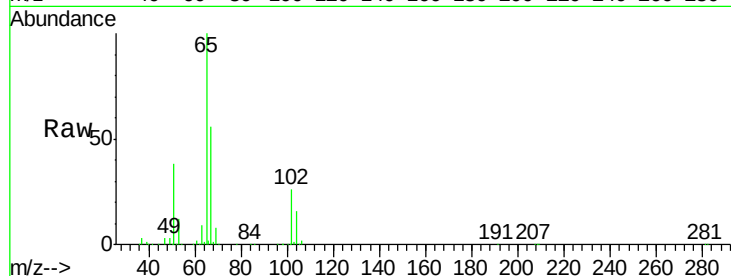




#33
 1,2-Dichloroethane-d4
 Concen: 59.251 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002947.D
 Acq: 19 Jun 2020 19:00

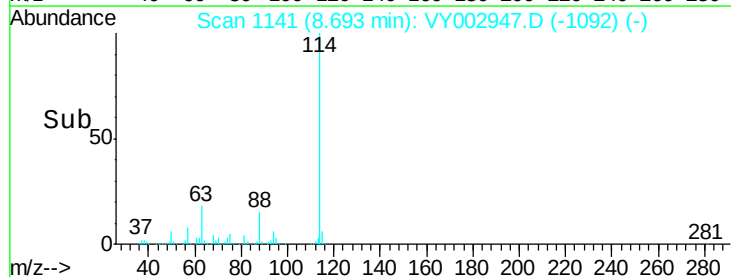
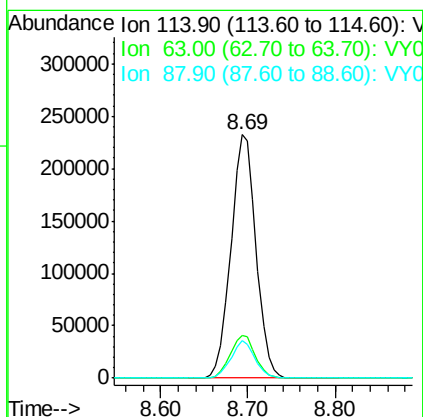
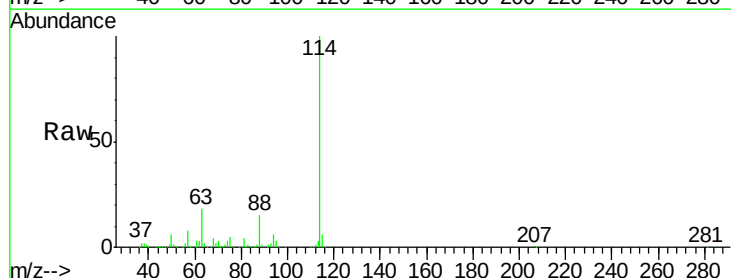
Instrument :
 MSVOA_Y
 ClientSampleId :
 ISS-A-G2

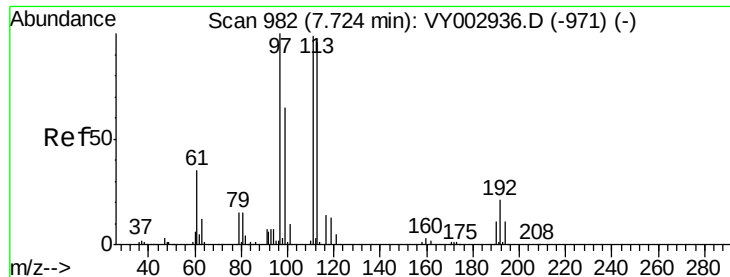
Tgt Ion: 65 Resp: 135475
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002947.D
 Acq: 19 Jun 2020 19:00

Tgt Ion: 114 Resp: 461650
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 34.6
 88 15.3 0.0 29.2

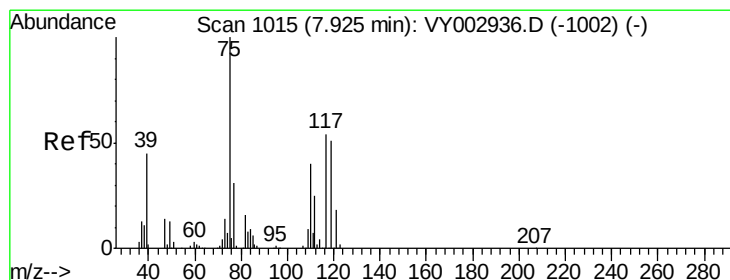
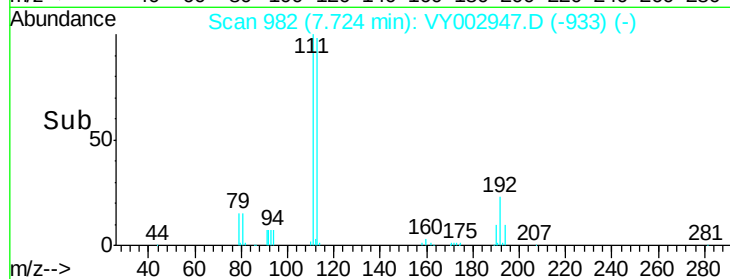
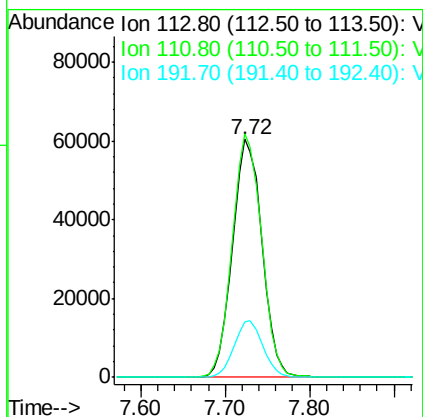
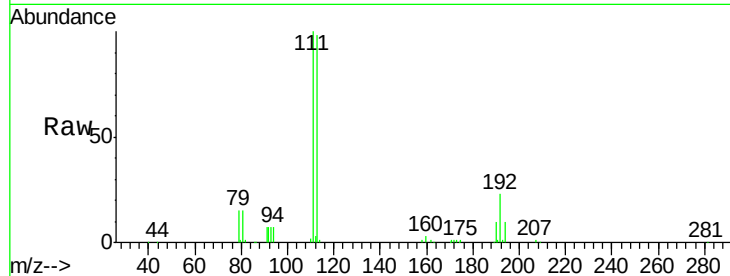




#35
 Dibromofluoromethane
 Concen: 54.702 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY002947.D
 Acq: 19 Jun 2020 19:00

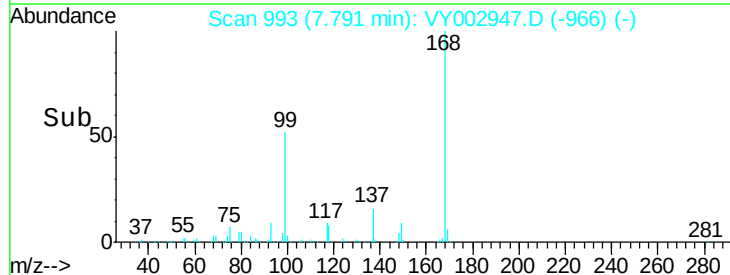
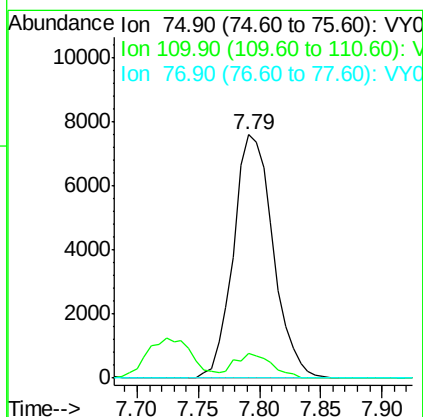
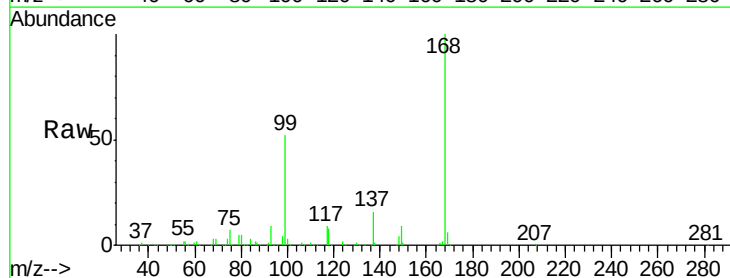
Instrument :
 MSVOA_Y
 ClientSampleId :
 ISS-A-G2

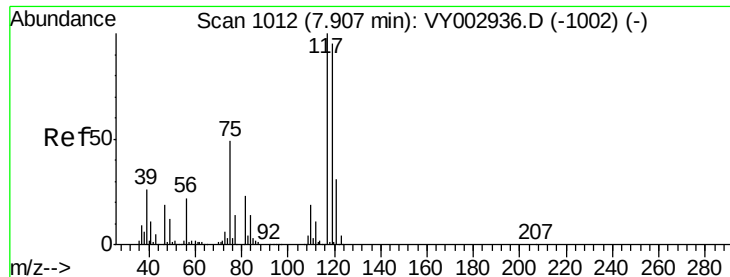
Tgt Ion: 113 Resp: 142888
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.5 122.3
 192 23.2 19.2 28.8



#36
 1,1-Dichloropropene
 Concen: 4.564 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VY002947.D
 Acq: 19 Jun 2020 19:00

Tgt Ion: 75 Resp: 17110
 Ion Ratio Lower Upper
 75 100
 110 9.5 19.7 59.0#
 77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.910 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY002947.D

Acq: 19 Jun 2020 19:00

Instrument :

MSVOA_Y

ClientSampleId :

ISS-A-G2

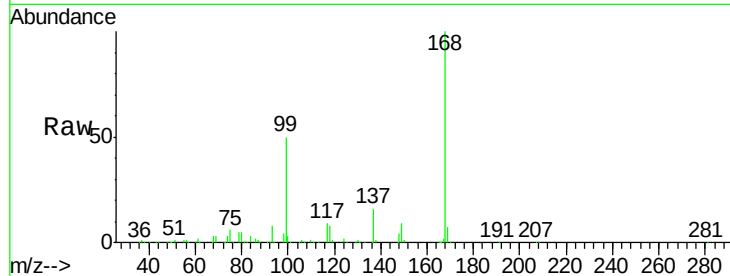
Tgt Ion:117 Resp: 24418

Ion Ratio Lower Upper

117 100

119 6.0 76.1 114.1#

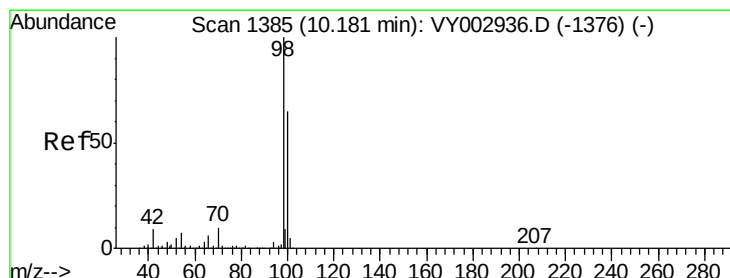
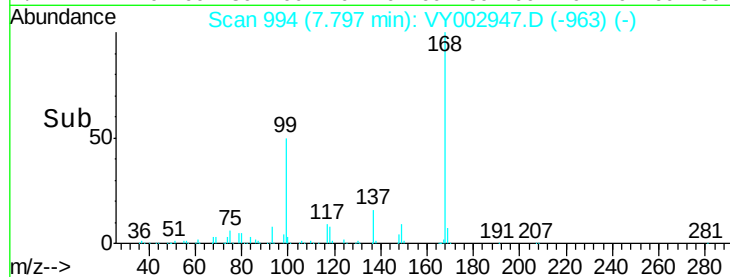
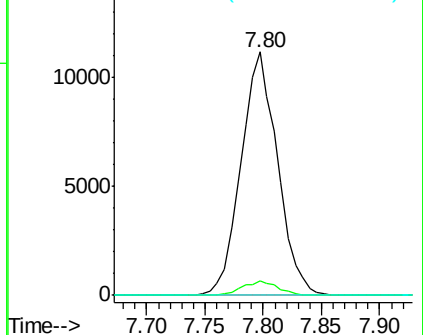
121 0.0 24.8 37.2#



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: 52.577 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002947.D

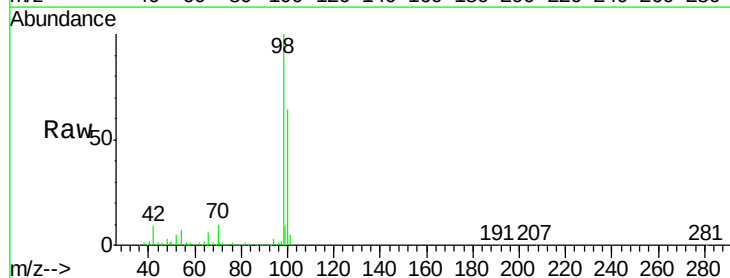
Acq: 19 Jun 2020 19:00

Tgt Ion: 98 Resp: 541509

Ion Ratio Lower Upper

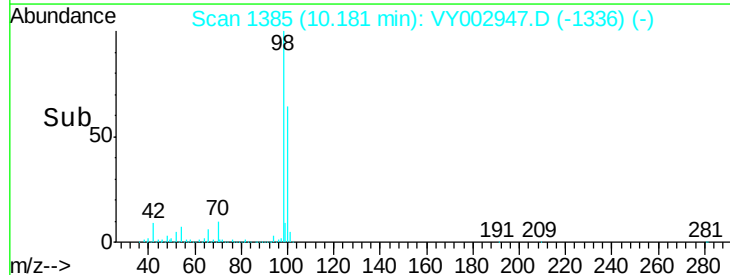
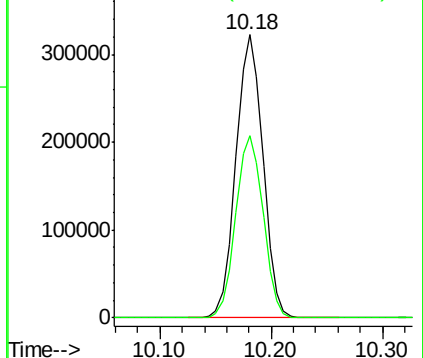
98 100

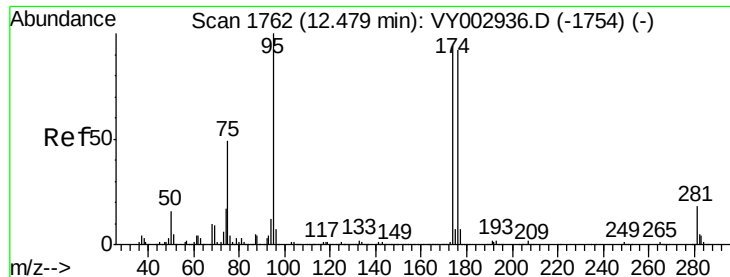
100 65.1 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

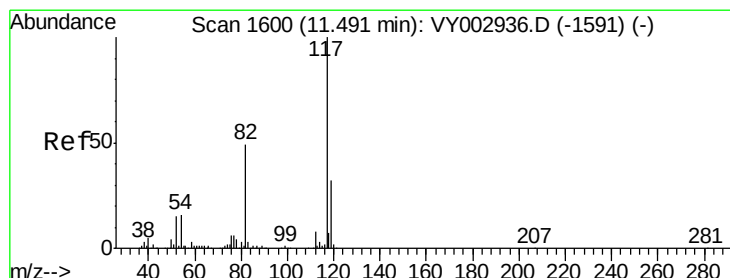
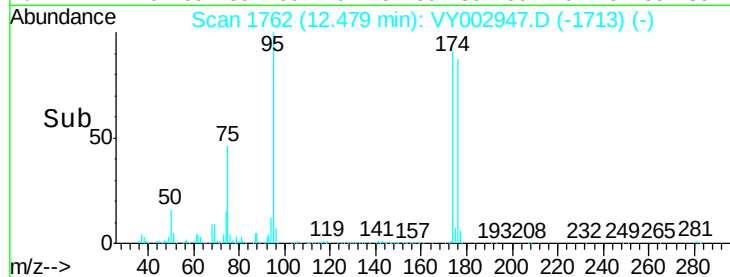
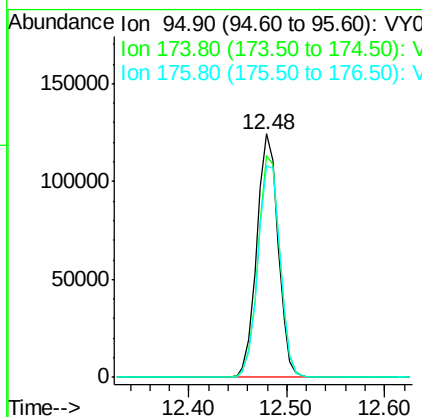
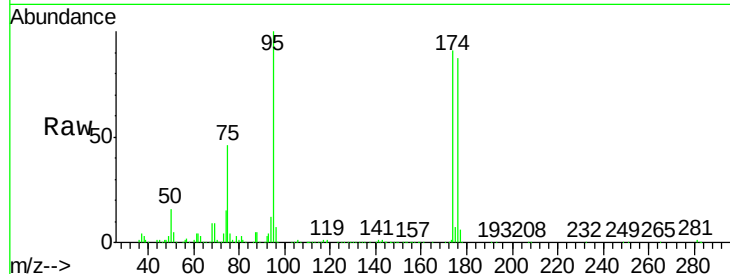




#62
4-Bromofluorobenzene
Concen: 53.141 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY002947.D
Acq: 19 Jun 2020 19:00

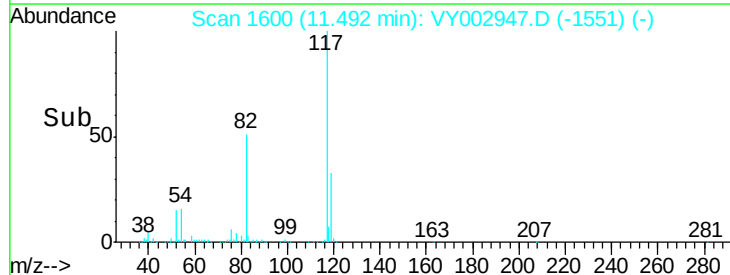
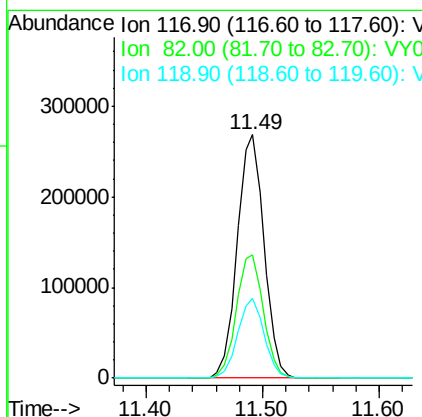
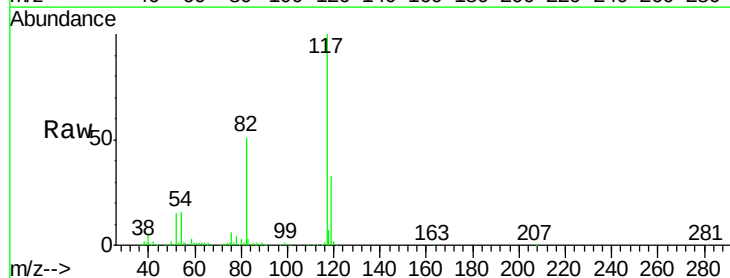
Instrument :
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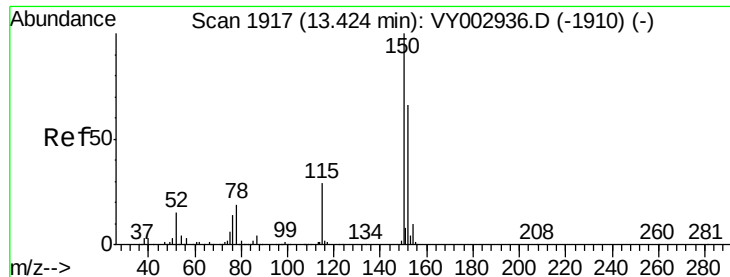
Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.7	0.0	191.2
176	90.7	0.0	186.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002947.D
Acq: 19 Jun 2020 19:00

Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.9	39.4	59.0
119	32.7	25.4	38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY002947.D

Acq: 19 Jun 2020 19:00

Instrument :

MSVOA_Y

ClientSampleId :

ISS-A-G2

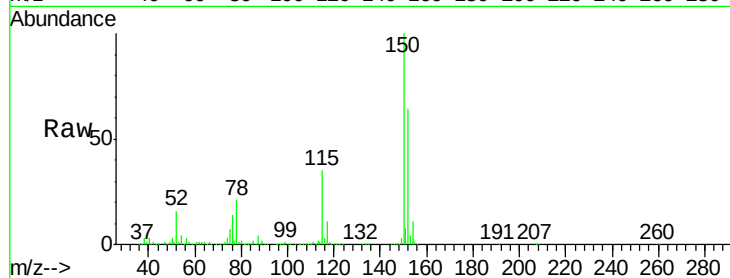
Tgt Ion:152 Resp: 219123

Ion Ratio Lower Upper

152 100

115 54.4 26.9 80.6

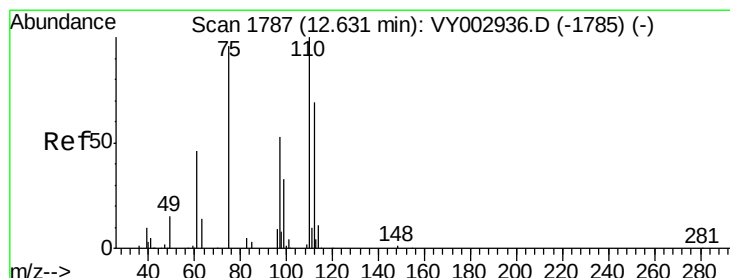
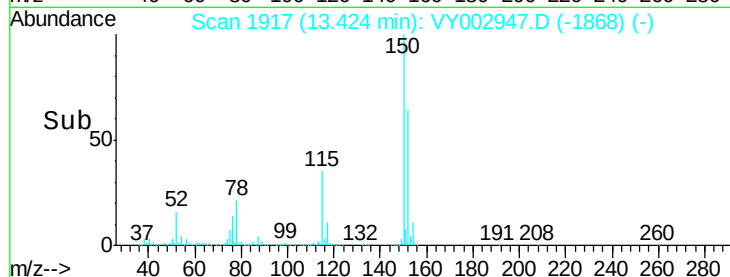
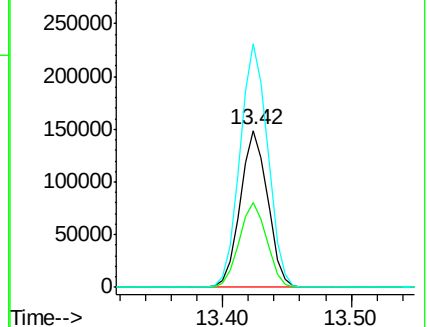
150 157.3 0.0 341.8



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: 45.987 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY002947.D

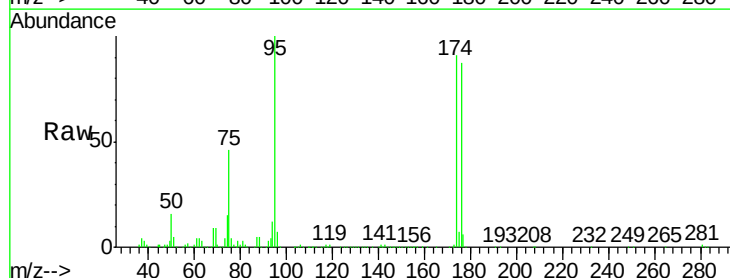
Acq: 19 Jun 2020 19:00

Tgt Ion: 75 Resp: 87758

Ion Ratio Lower Upper

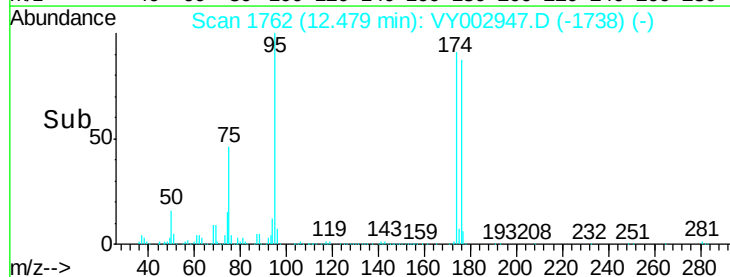
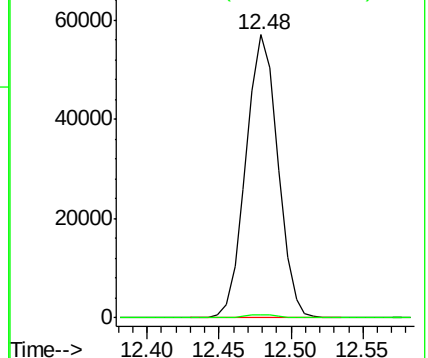
75 100

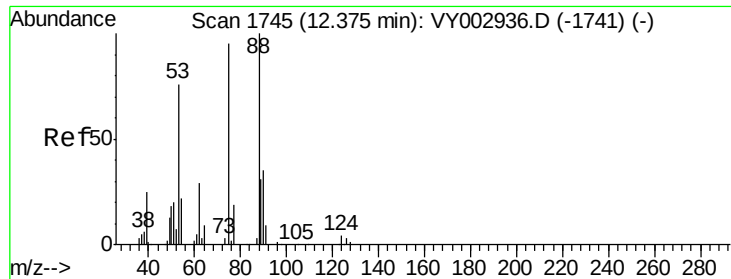
77 1.3 0.0 0.0#



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: 87.798 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002947.D

Acq: 19 Jun 2020 19:00

Instrument :

MSVOA_Y

ClientSampleId :

ISS-A-G2

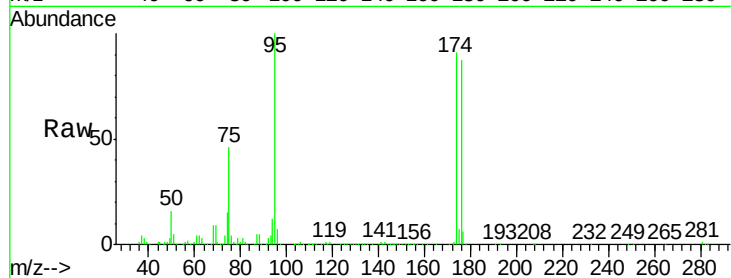
Tgt Ion: 75 Resp: 87758

Ion Ratio Lower Upper

75 100

53 0.0 65.1 97.7#

89 0.1 38.4 57.6#



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

