

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY013120\
 Data File : VY001455.D
 Acq On : 31 Jan 2020 15:08
 Operator : SY/MD
 Sample : L1331-03
 Misc : 8.12G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C-3_013020

Quant Time: Jan 31 16:07:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	156755	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	288862	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	267909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	123900	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.18	65	94339	55.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.62%	
35) Dibromofluoromethane	7.75	113	85727	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
50) Toluene-d8	10.20	98	343693	52.18	ug/l	0.01
Spiked Amount	50.000		Recovery	=	104.36%	
62) 4-Bromofluorobenzene	12.49	95	127568	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	

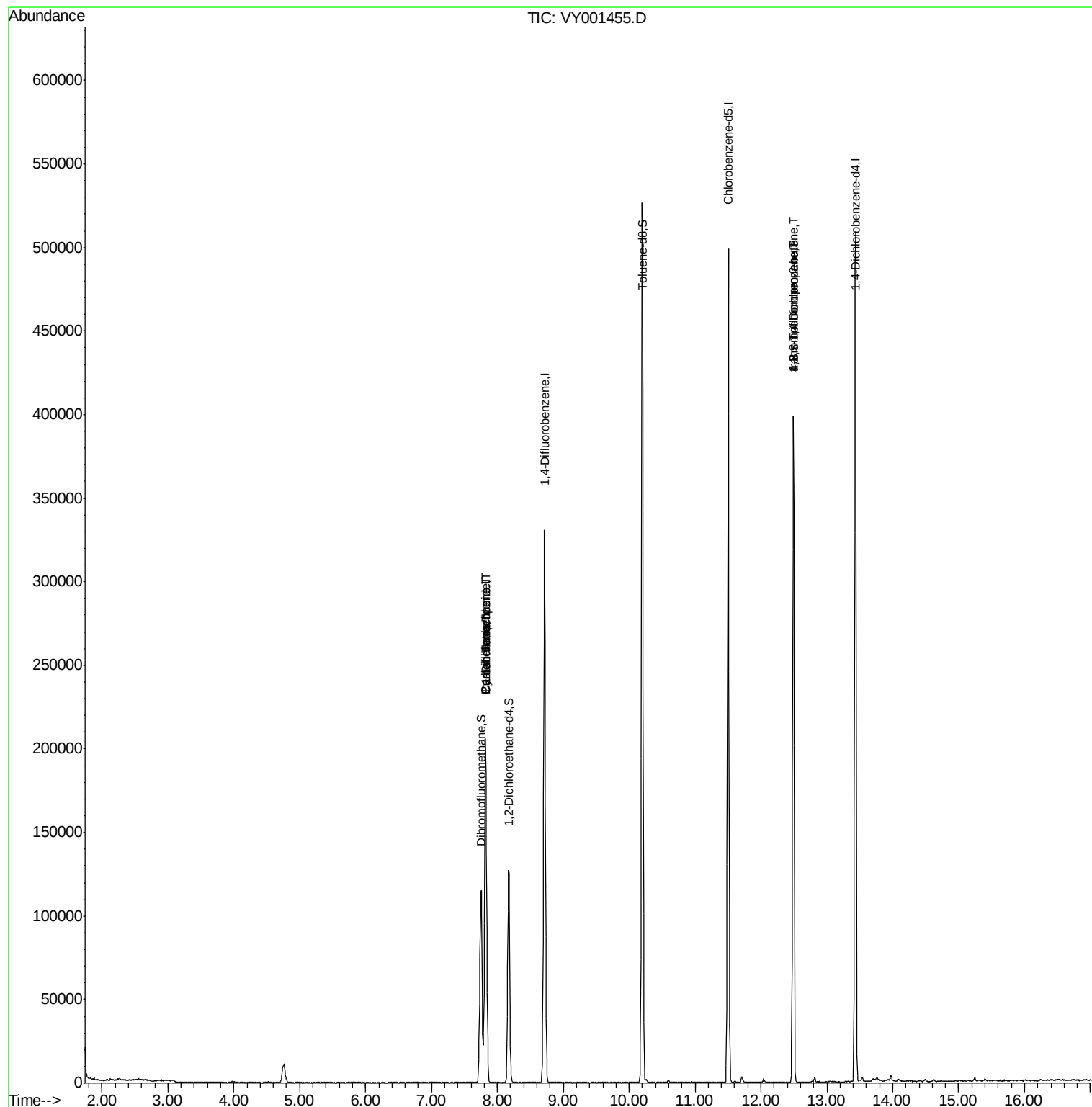
Target Compounds						Qvalue
11) Tert butyl alcohol	5.02	59	46	Below Cal	#	74
16) Acetone	3.99	43	1207	Below Cal	#	84
20) Methylene Chloride	4.76	84	8898	Below Cal	#	89
31) Cyclohexane	7.82	56	3320	1.01	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	12063	4.42	ug/l #	50
38) Carbon Tetrachloride	7.82	117	15073	6.20	ug/l #	17
76) 1,2,3-Trichloropropane	12.49	75	63335	42.42	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	63335	80.28	ug/l #	14

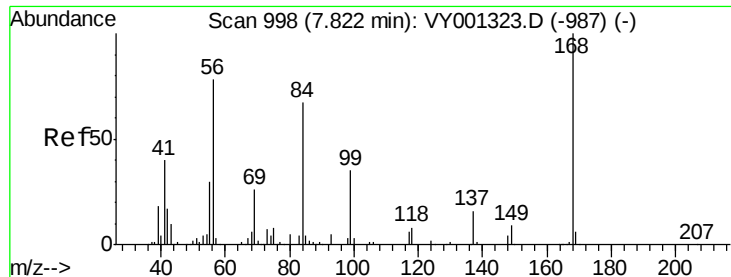
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY013120\
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Acq On : 31 Jan 2020 15:08
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.82 min Scan# 998

Delta R.T. -0.00 min

Lab File: VY001455.D

Acq: 31 Jan 2020 15:08

Instrument :

MSVOA_Y

ClientSampleId :

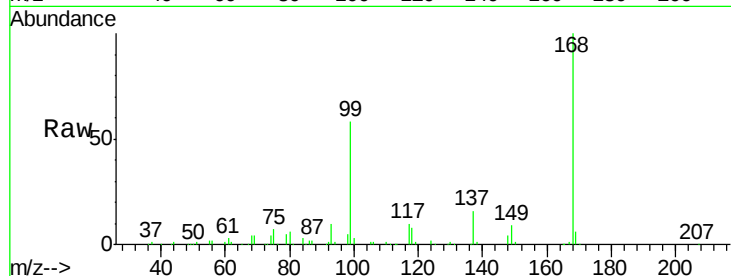
C-3_013020

Tgt Ion:168 Resp: 156755

Ion Ratio Lower Upper

168 100

99 57.8 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.82

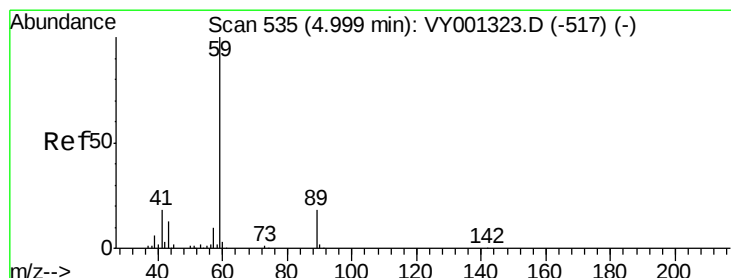
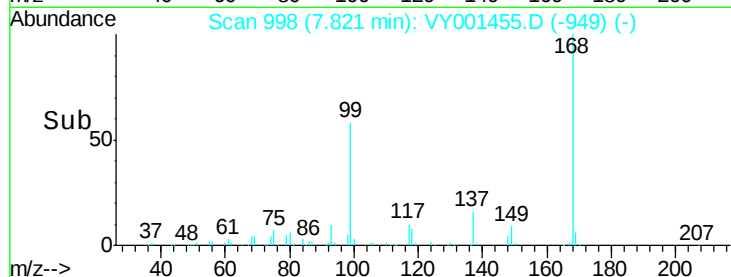
60000

40000

20000

0

Time--> 7.70 7.80 7.90



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.02 min Scan# 539

Delta R.T. 0.02 min

Lab File: VY001455.D

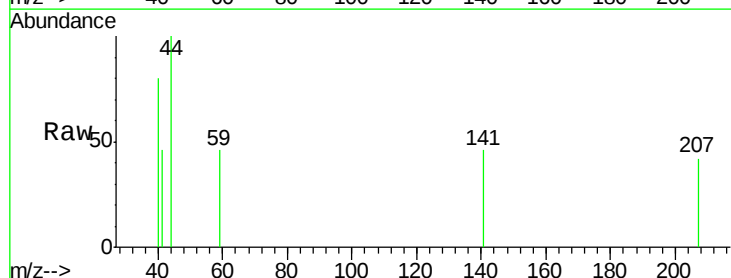
Acq: 31 Jan 2020 15:08

Tgt Ion: 59 Resp: 46

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY0

Ion 57.00 (56.70 to 57.70): VY0

5.02

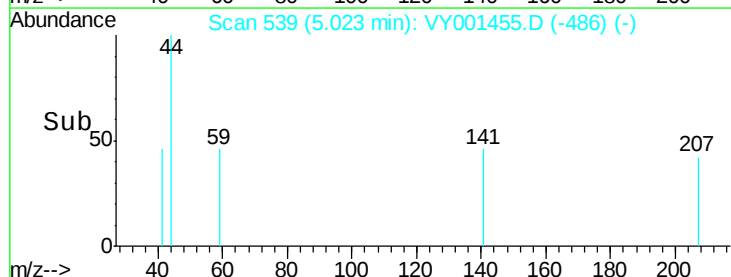
60

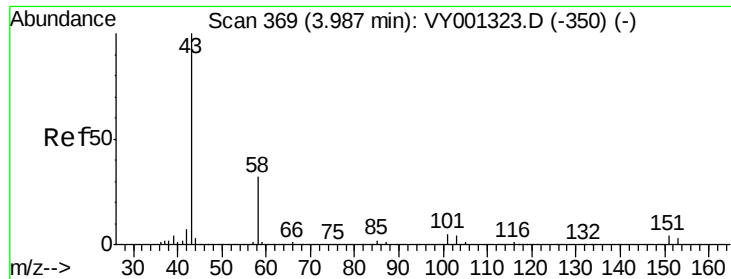
40

20

0

Time--> 5.00 5.01 5.02 5.03 5.04





#16

Acetone

Concen: Below Cal

RT: 3.99 min Scan# 370

Delta R.T. 0.01 min

Lab File: VY001455.D

Acq: 31 Jan 2020 15:08

Instrument :

MSVOA_Y

ClientSampleId :

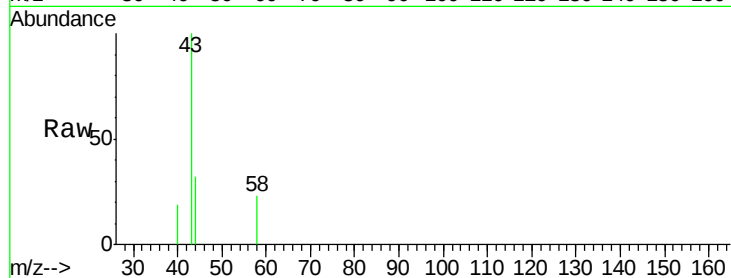
C-3_013020

Tgt Ion: 43 Resp: 1207

Ion Ratio Lower Upper

43 100

58 23.0 25.4 38.0#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

3.99

400

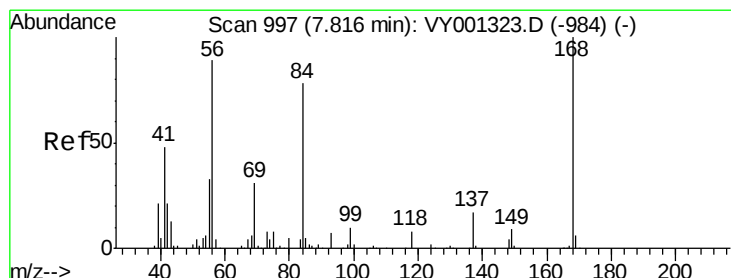
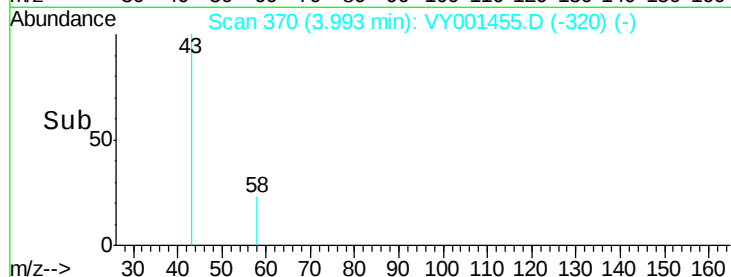
300

200

100

0

Time-->



#31

Cyclohexane

Concen: 1.01 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001455.D

Acq: 31 Jan 2020 15:08

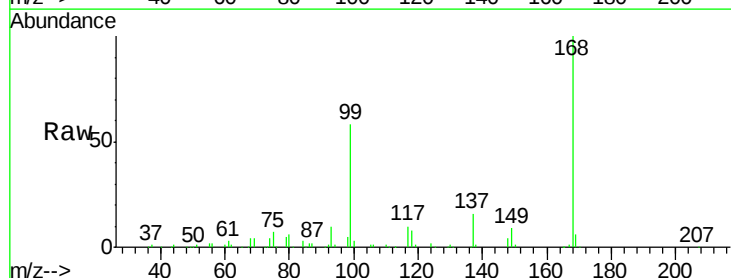
Tgt Ion: 56 Resp: 3320

Ion Ratio Lower Upper

56 100

69 204.5 27.6 41.4#

84 163.5 69.7 104.5#



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0

4000

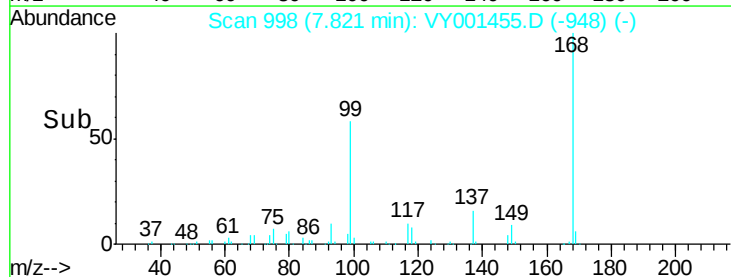
3000

2000

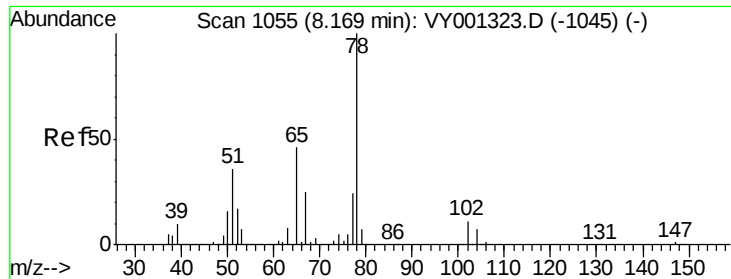
1000

0

Time-->



7.82



#33

1,2-Dichloroethane-d4

Concen: 55.31 ug/l

RT: 8.18 min Scan# 1056

Delta R.T. 0.01 min

Lab File: VY001455.D

Acq: 31 Jan 2020 15:08

Instrument :

MSVOA_Y

ClientSampleId :

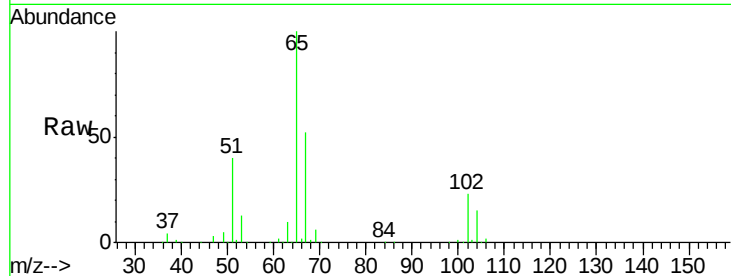
C-3_013020

Tgt Ion: 65 Resp: 94339

Ion Ratio Lower Upper

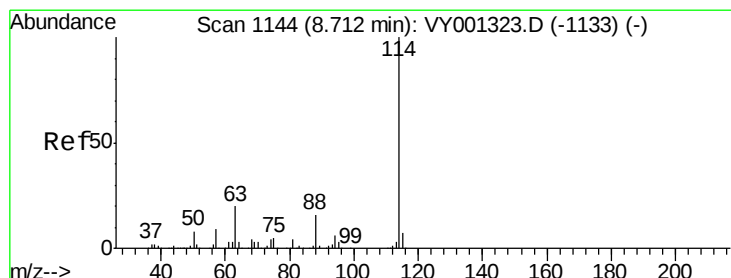
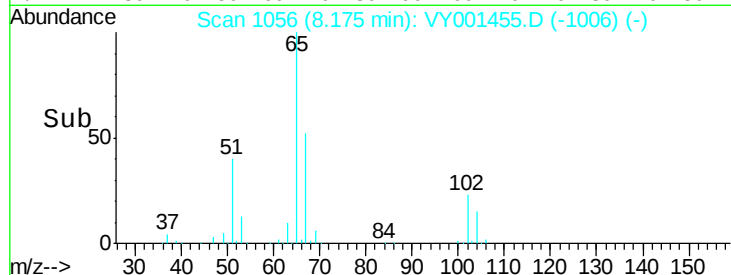
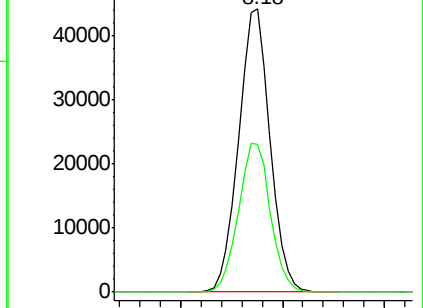
65 100

67 53.6 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.72 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VY001455.D

Acq: 31 Jan 2020 15:08

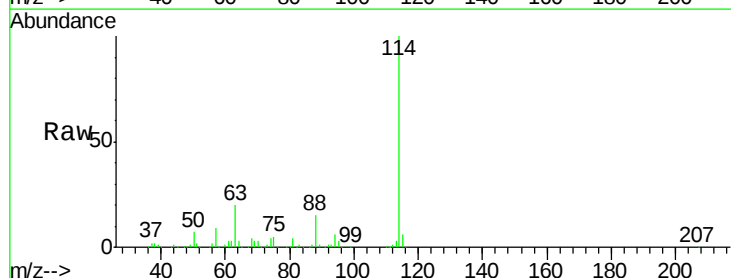
Tgt Ion: 114 Resp: 288862

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.8

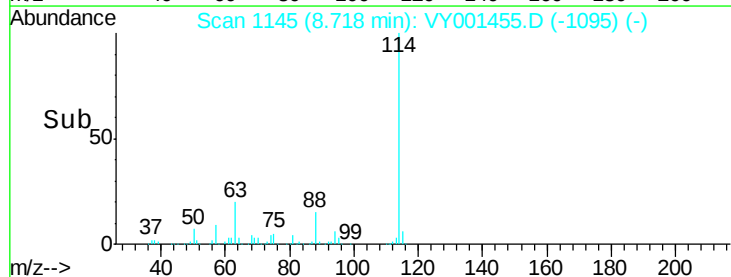
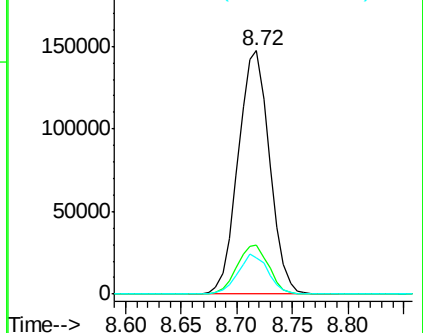
88 15.1 0.0 31.0

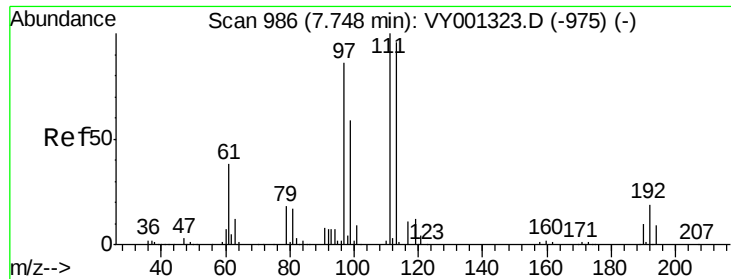


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

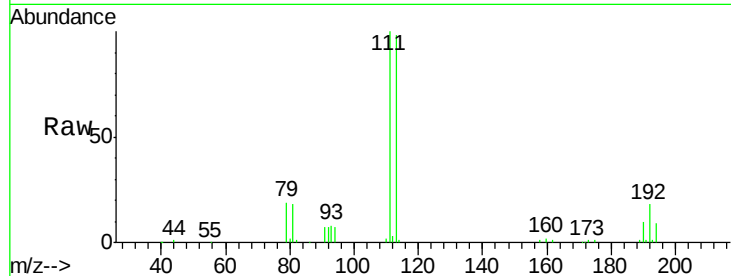




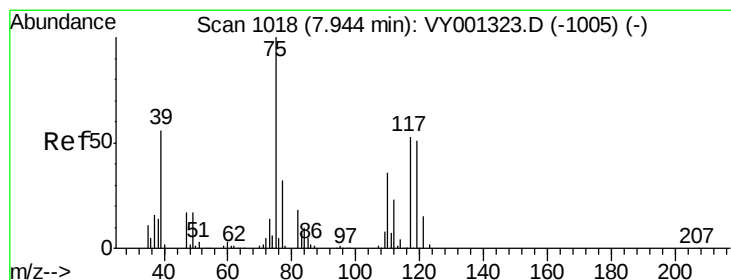
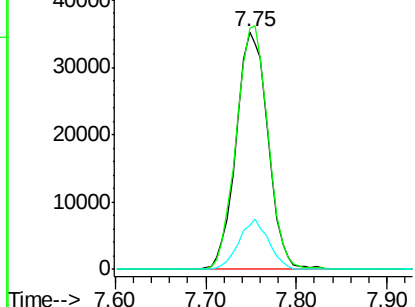
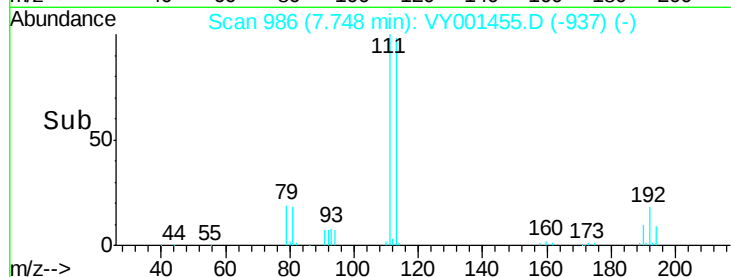
#35
 Dibromofluoromethane
 Concen: 50.57 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: VY001455.D
 Acq: 31 Jan 2020 15:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 C-3_013020

Tgt Ion: 113 Resp: 85727
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.8 124.2
 192 19.6 15.5 23.3

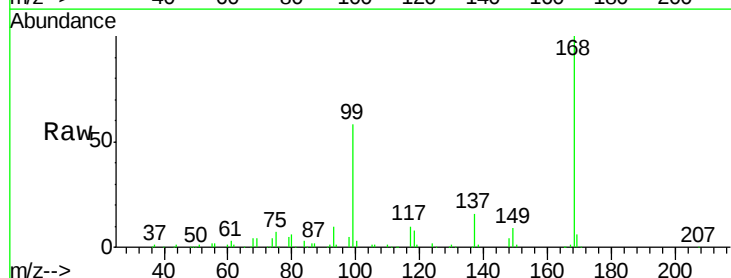


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

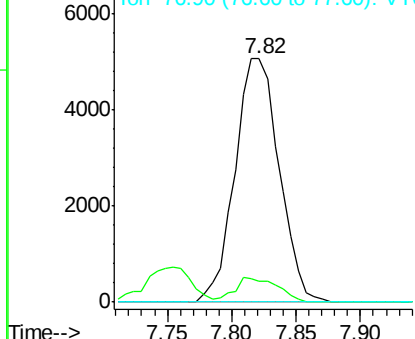
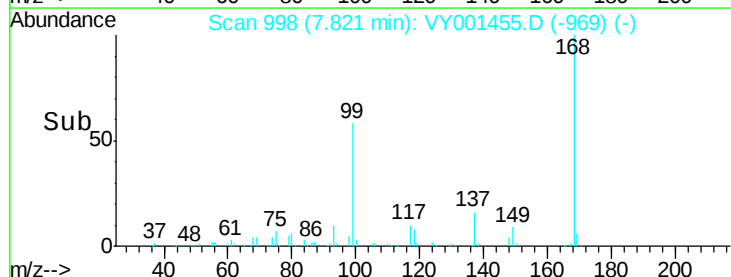


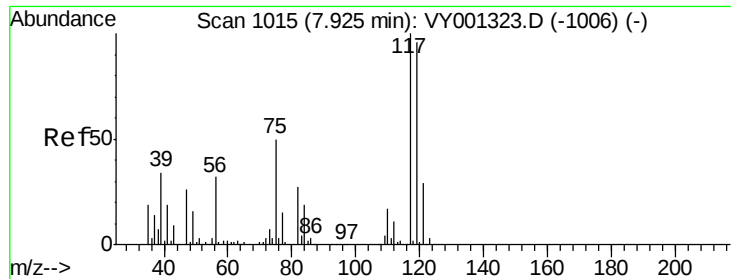
#36
 1,1-Dichloropropene
 Concen: 4.42 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. -0.12 min
 Lab File: VY001455.D
 Acq: 31 Jan 2020 15:08

Tgt Ion: 75 Resp: 12063
 Ion Ratio Lower Upper
 75 100
 110 9.7 17.6 52.8#
 77 0.0 24.7 37.1#



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: 6.20 ug/l

RT: 7.82 min Scan# 998

Delta R.T. -0.10 min

Lab File: VY001455.D

Acq: 31 Jan 2020 15:08

Instrument :

MSVOA_Y

ClientSampleId :

C-3_013020

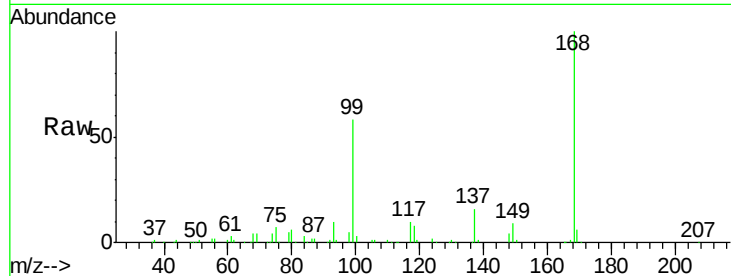
Tgt Ion:117 Resp: 15073

Ion Ratio Lower Upper

117 100

119 6.3 76.3 114.5#

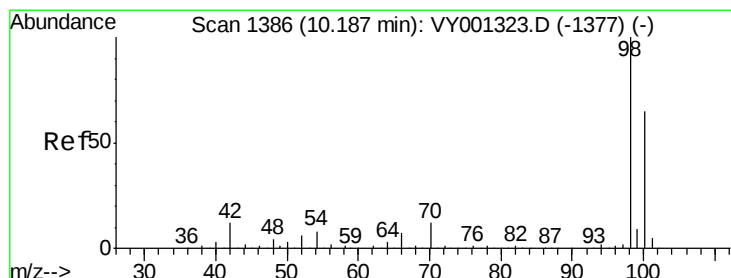
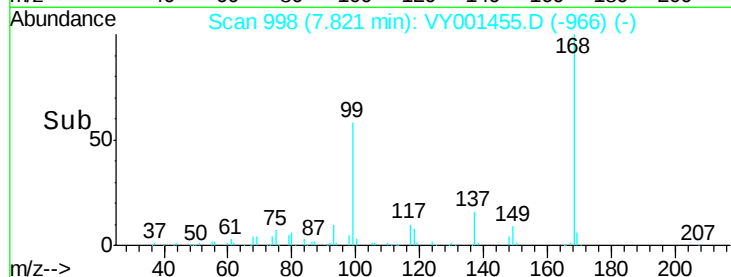
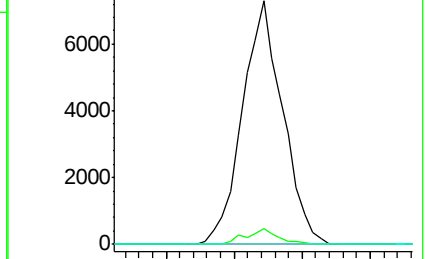
121 0.0 23.5 35.3#



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: 52.18 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001455.D

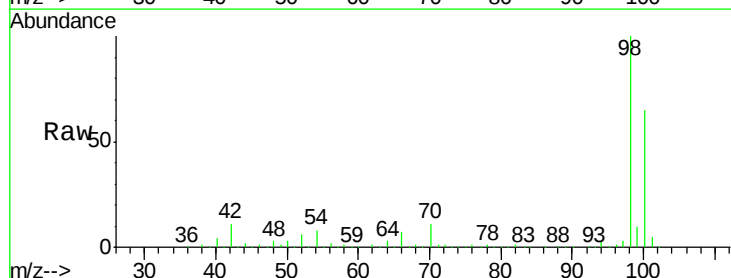
Acq: 31 Jan 2020 15:08

Tgt Ion: 98 Resp: 343693

Ion Ratio Lower Upper

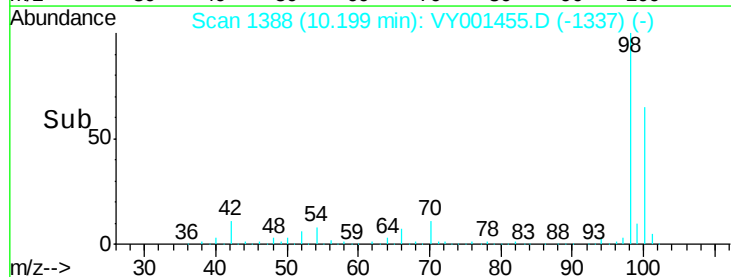
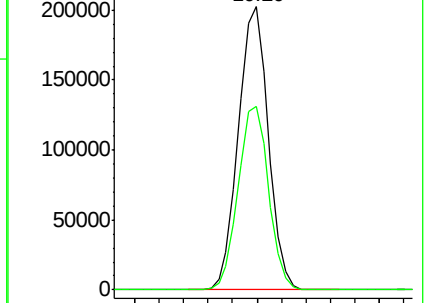
98 100

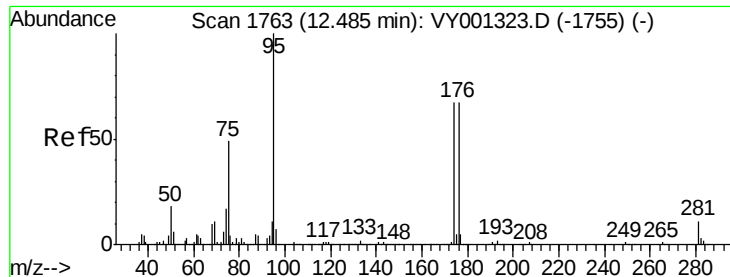
100 65.9 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

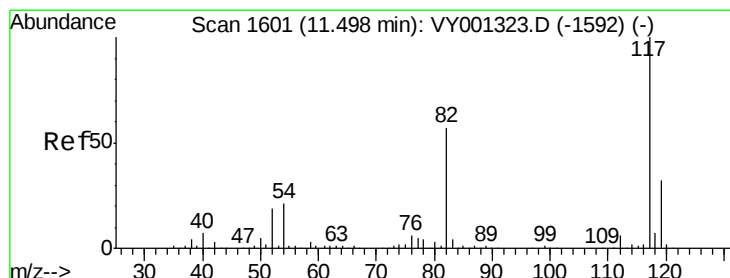
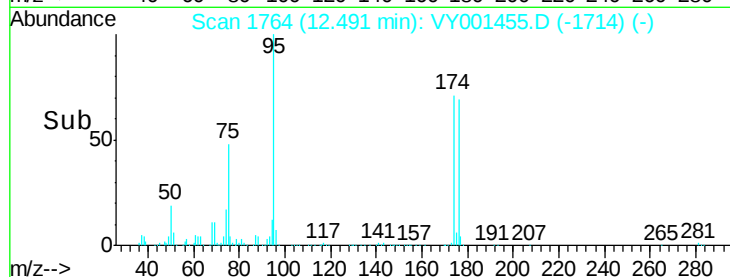
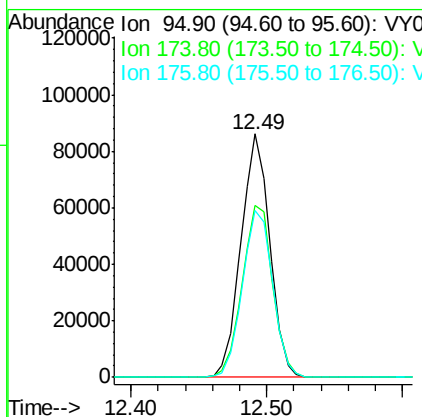
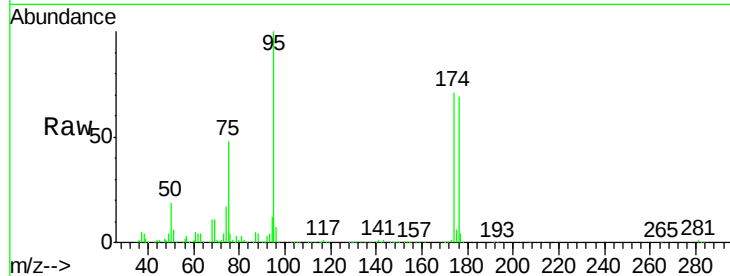




#62
4-Bromofluorobenzene
Concen: 48.63 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY001455.D
Acq: 31 Jan 2020 15:08

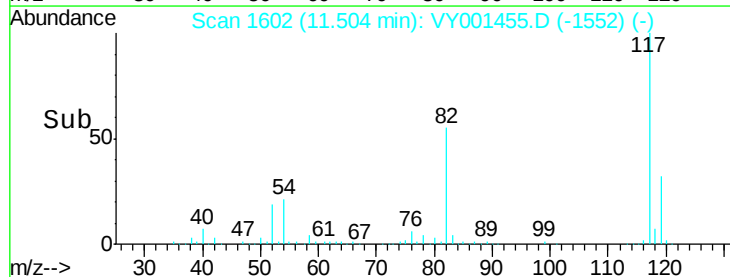
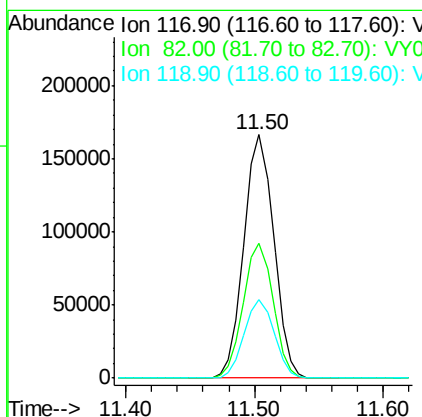
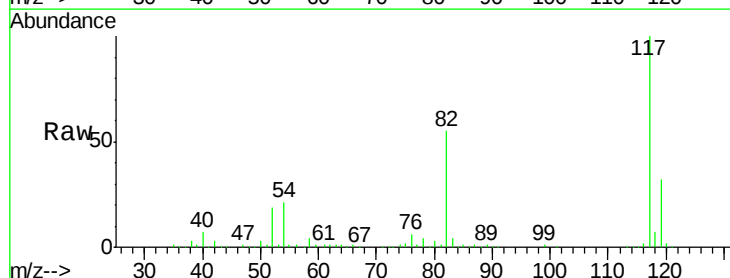
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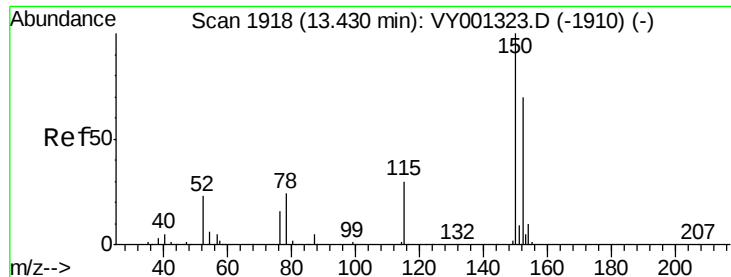
Tgt Ion: 95 Resp: 127568
Ion Ratio Lower Upper
95 100
174 74.6 0.0 142.0
176 72.4 0.0 138.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001455.D
Acq: 31 Jan 2020 15:08

Tgt Ion: 117 Resp: 267909
Ion Ratio Lower Upper
117 100
82 55.3 45.5 68.3
119 32.2 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY001455.D

Acq: 31 Jan 2020 15:08

Instrument :

MSVOA_Y

ClientSampleId :

C-3_013020

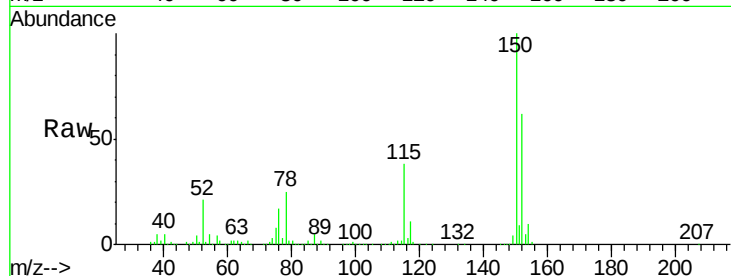
Tgt Ion:152 Resp: 123900

Ion Ratio Lower Upper

152 100

115 61.0 30.9 92.8

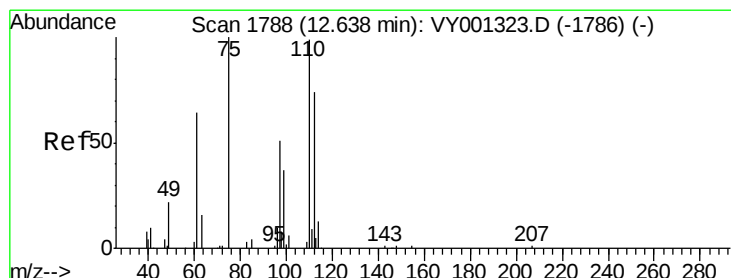
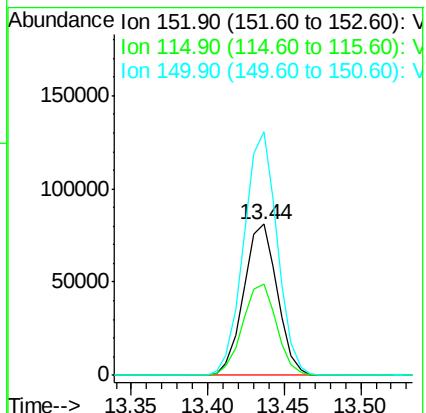
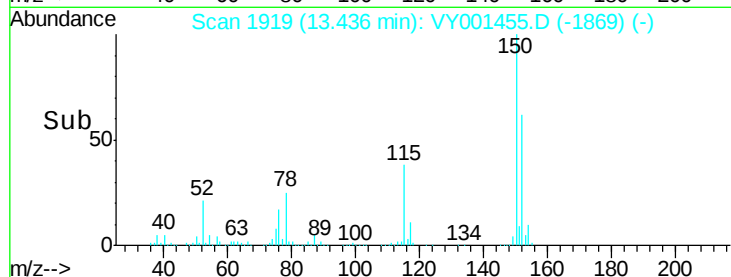
150 159.9 0.0 349.2



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: 42.42 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY001455.D

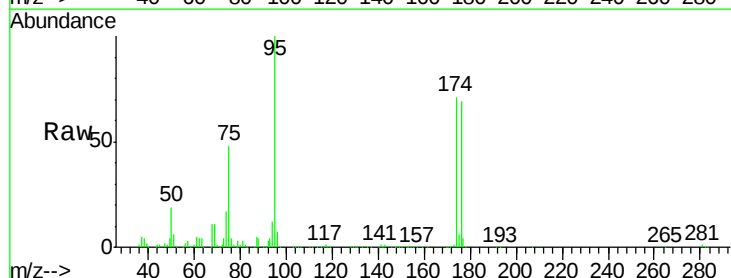
Acq: 31 Jan 2020 15:08

Tgt Ion: 75 Resp: 63335

Ion Ratio Lower Upper

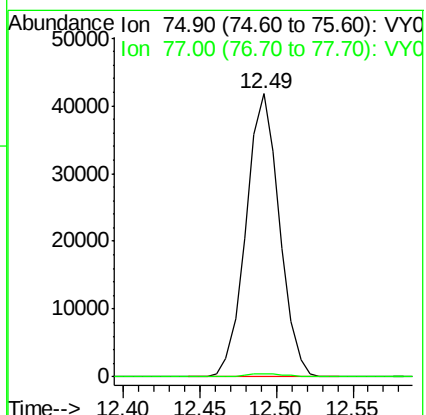
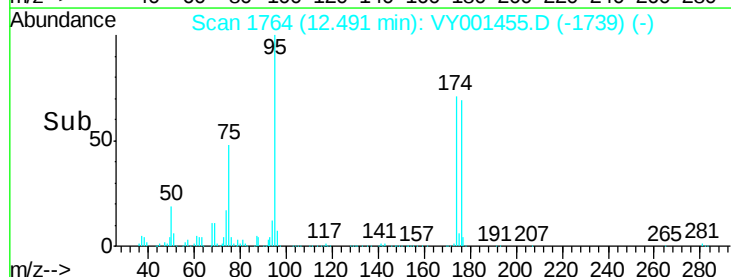
75 100

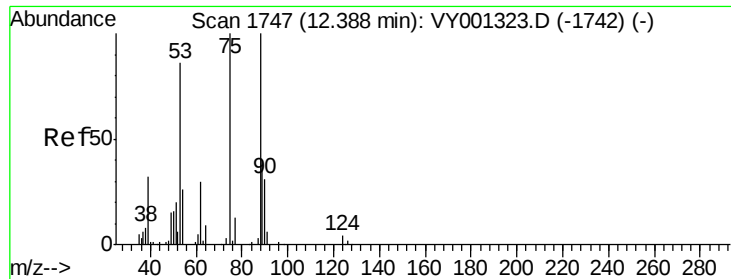
77 1.3 0.0 0.0#



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: 80.28 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY001455.D

Acq: 31 Jan 2020 15:08

Instrument :

MSVOA_Y

ClientSampleId :

C-3_013020

Tgt Ion: 75 Resp: 63335

Ion Ratio Lower Upper

75 100

53 0.0 69.9 104.9#

89 0.0 36.6 54.8#

