

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY032420\
 Data File : VY002052.D
 Acq On : 24 Mar 2020 15:48
 Operator : SY/MD
 Sample : L2020-02RE
 Misc : 5.21G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 5TH-STREET-SUBRE

Quant Time: Mar 24 16:58:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	82342	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	153210	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.50	117	137092	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	59490	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	50231	57.14	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	114.28%	
35) Dibromofluoromethane	7.73	113	44018	52.62	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	105.24%	
50) Toluene-d8	10.19	98	185258	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	
62) 4-Bromofluorobenzene	12.49	95	62582	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	

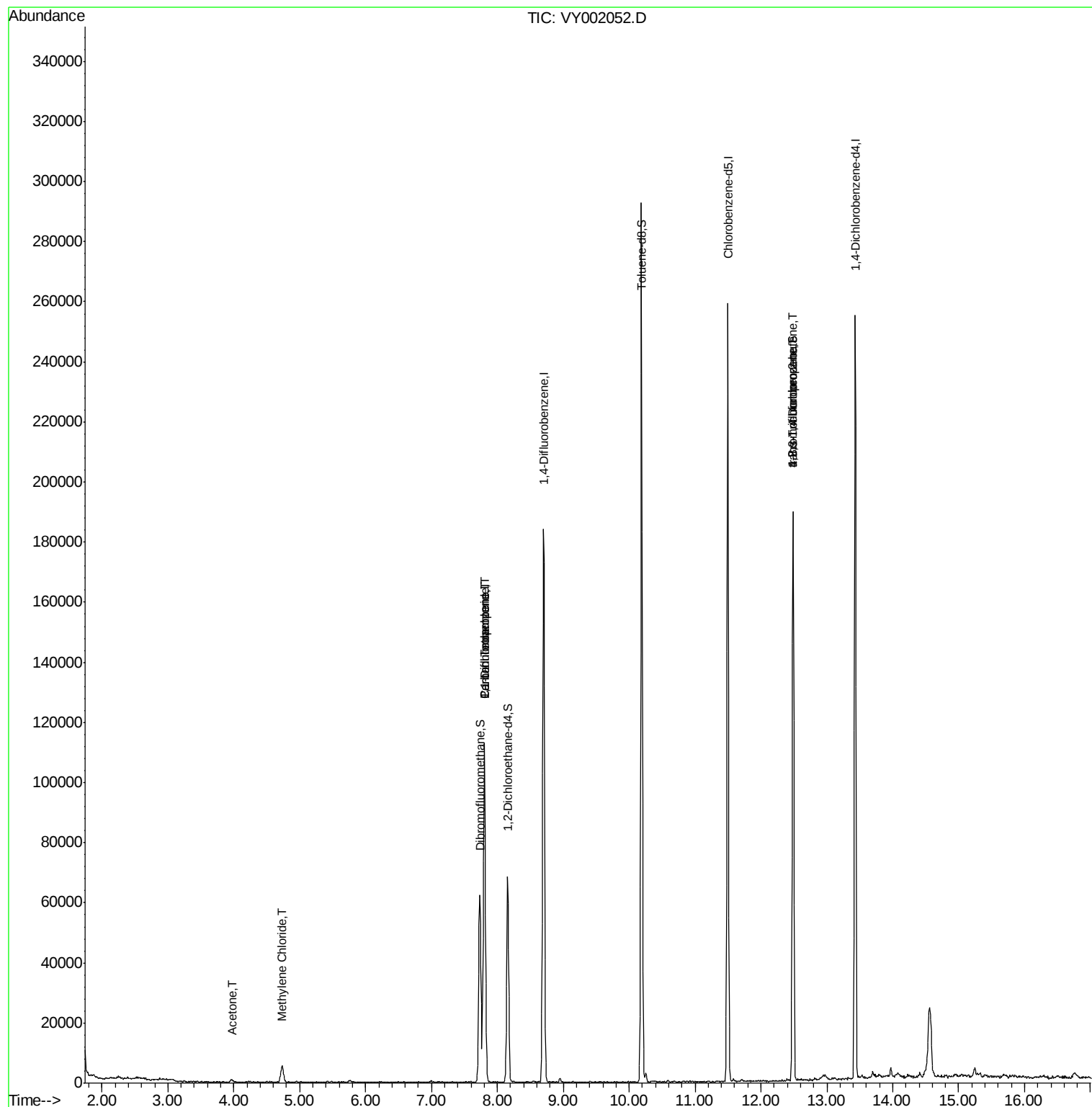
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.94	59	43	Below Cal	#	74
16) Acetone	3.97	43	1525	5.96	ug/l	97
20) Methylene Chloride	4.74	84	3871	3.53	ug/l	95
36) 1,1-Dichloropropene	7.80	75	7198	4.88	ug/l	# 50
38) Carbon Tetrachloride	7.80	117	8903	7.07	ug/l	# 16
76) 1,2,3-Trichloropropane	12.49	75	31470	44.58	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.49	75	31470	90.05	ug/l	# 17

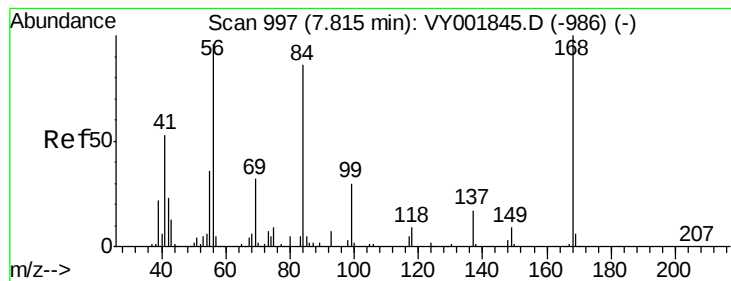
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002052.D

Acq: 24 Mar 2020 15:48

Instrument :

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ClientSampleId :

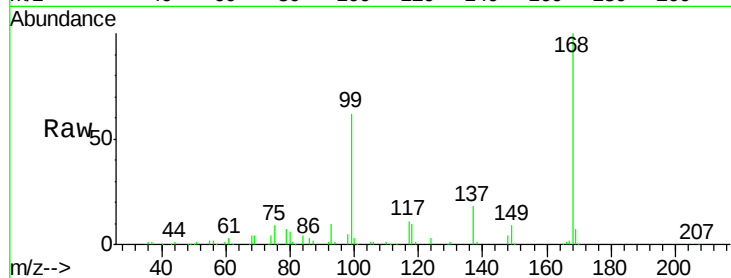
5TH-STREET-SUBRE

Tgt Ion:168 Resp: 82342

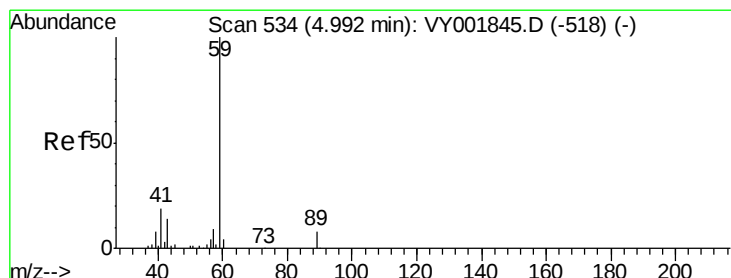
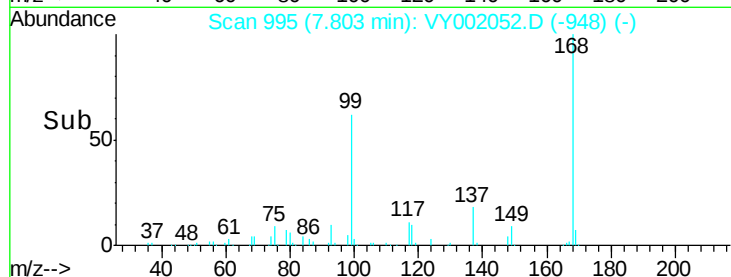
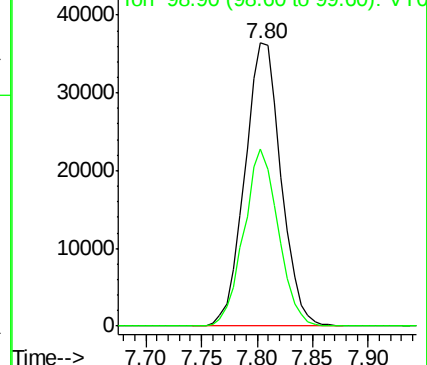
Ion Ratio Lower Upper

168 100

99 62.5 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.94 min Scan# 525

Delta R.T. -0.05 min

Lab File: VY002052.D

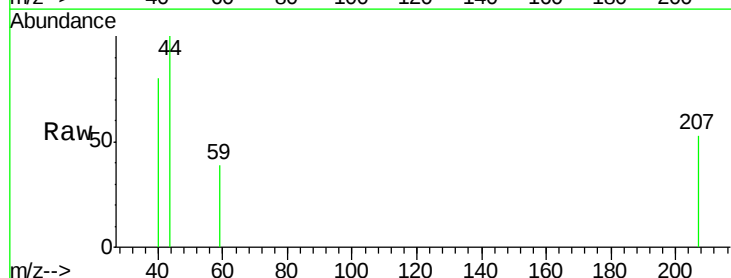
Acq: 24 Mar 2020 15:48

Tgt Ion: 59 Resp: 43

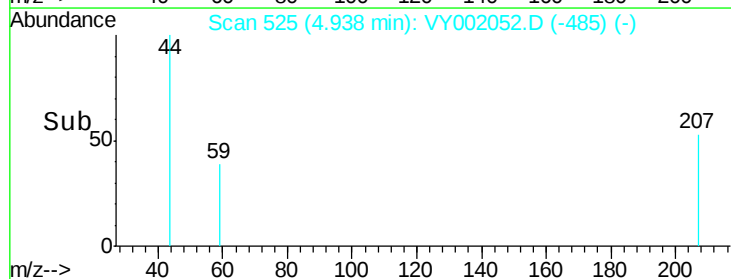
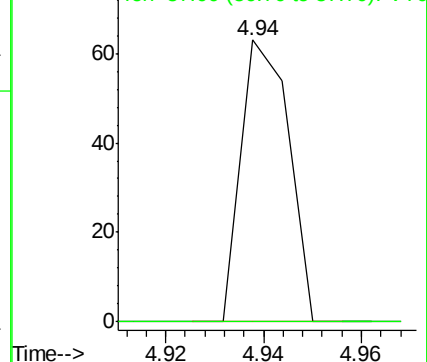
Ion Ratio Lower Upper

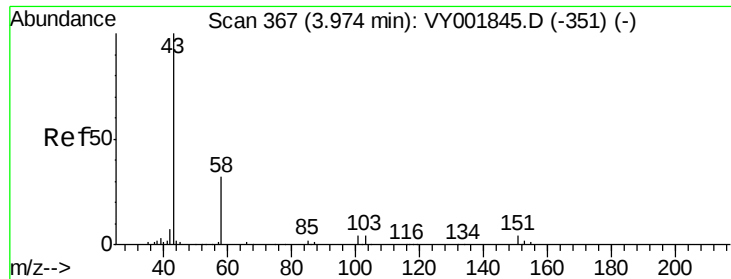
59 100

57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001845.D (-518) (-)





#16

Acetone

Concen: 5.96 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.01 min

Lab File: VY002052.D

Acq: 24 Mar 2020 15:48

Instrument :

MSVOA_Y

ClientSampleId :

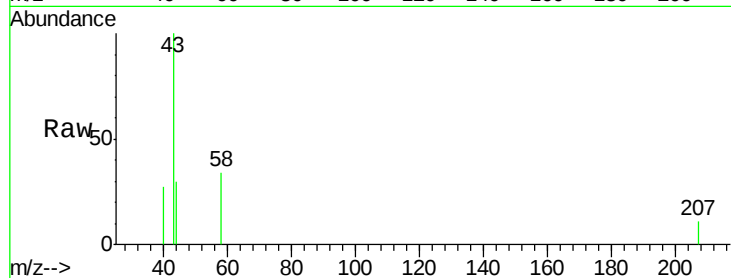
5TH-STREET-SUBRE

Tgt Ion: 43 Resp: 1525

Ion Ratio Lower Upper

43 100

58 34.2 25.9 38.9



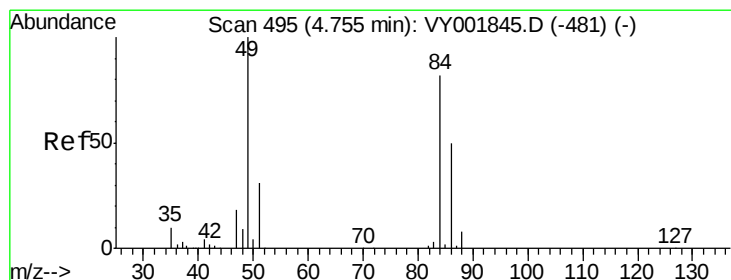
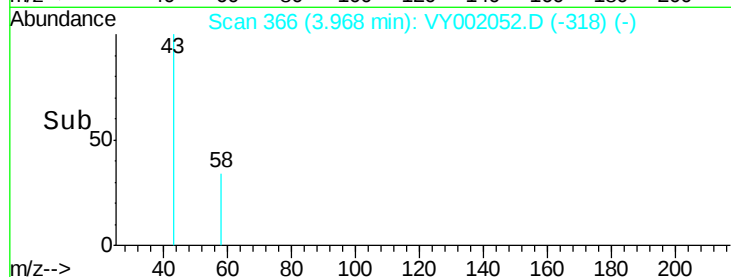
Abundance Ion 43.00 (42.70 to 43.70): VY001845.D (-351) (-)

Ion 58.00 (57.70 to 58.70): VY001845.D (-351) (-)

3.97

3.90 3.95 4.00 4.05

Time-->



#20

Methylene Chloride

Concen: 3.53 ug/l

RT: 4.74 min Scan# 492

Delta R.T. -0.02 min

Lab File: VY002052.D

Acq: 24 Mar 2020 15:48

Tgt Ion: 84 Resp: 3871

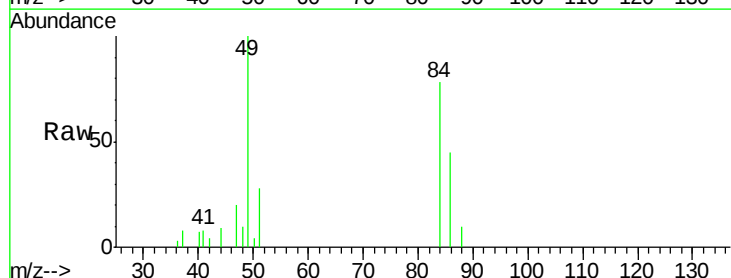
Ion Ratio Lower Upper

84 100

49 128.7 98.2 147.2

51 35.5 30.2 45.2

86 58.3 48.9 73.3



Abundance Ion 83.90 (83.60 to 84.60): VY001845.D (-481) (-)

Ion 48.90 (48.60 to 49.60): VY001845.D (-481) (-)

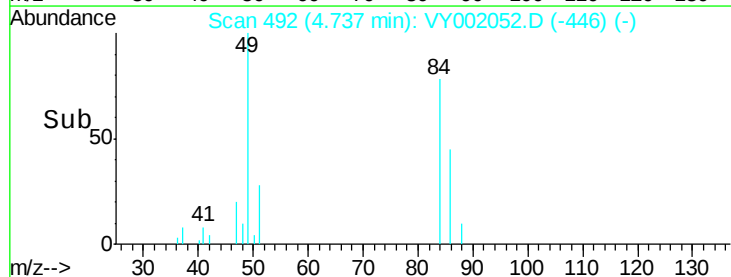
Ion 50.90 (50.60 to 51.60): VY001845.D (-481) (-)

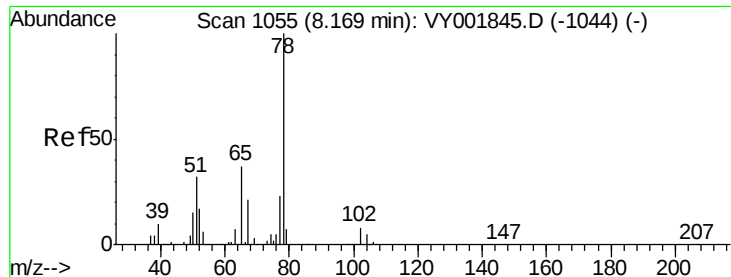
Ion 85.90 (85.60 to 86.60): VY001845.D (-481) (-)

4.74

4.65 4.70 4.75 4.80 4.85

Time-->

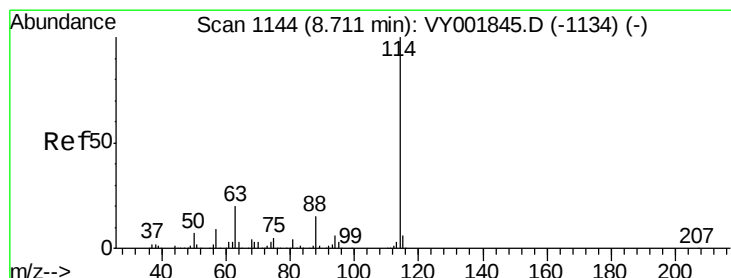
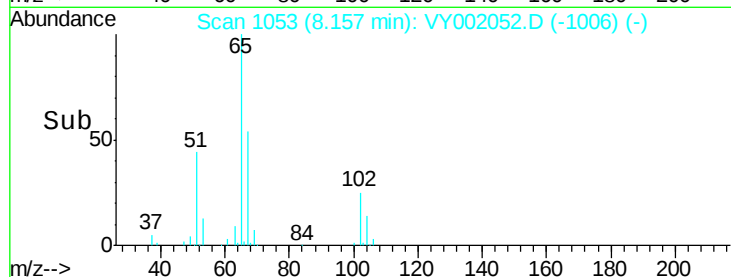
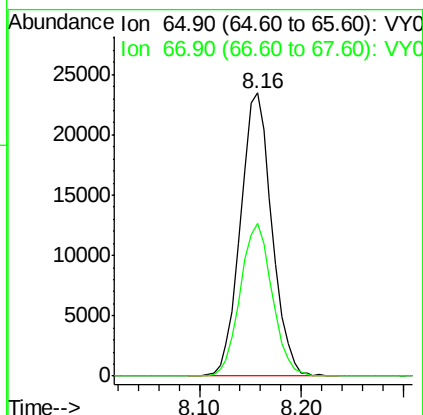
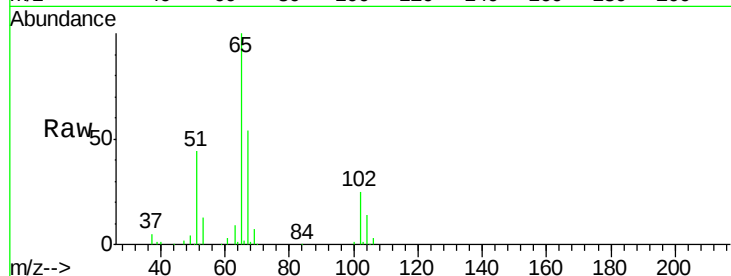




#33
 1,2-Dichloroethane-d4
 Concen: 57.14 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY002052.D
 Acq: 24 Mar 2020 15:48

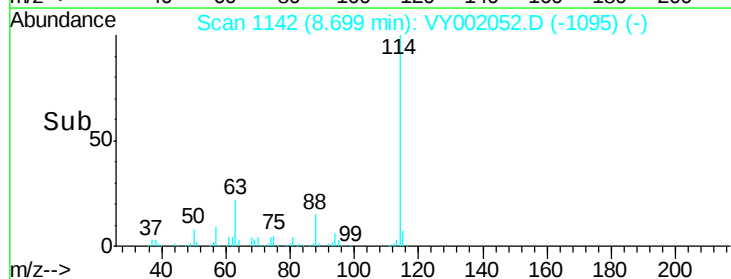
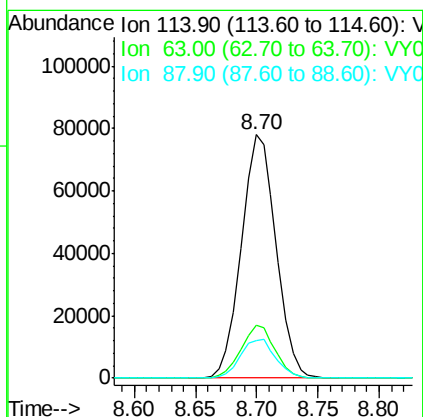
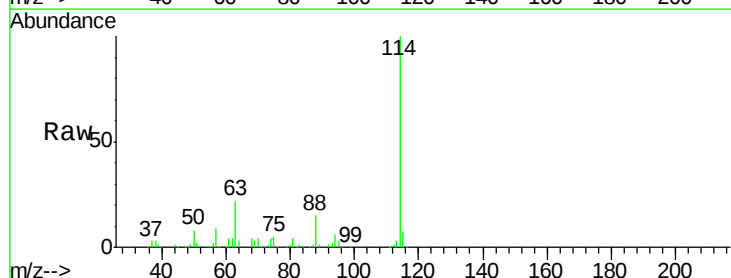
Instrument :
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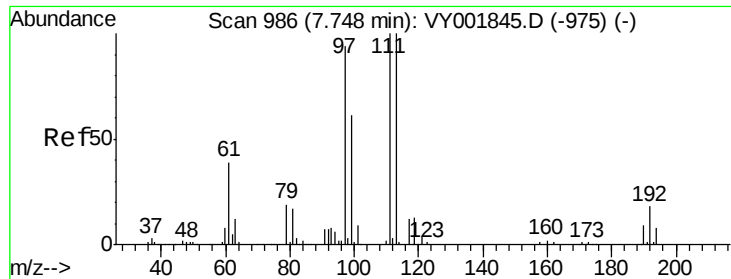
Tgt Ion: 65 Resp: 50231
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002052.D
 Acq: 24 Mar 2020 15:48

Tgt Ion: 114 Resp: 153210
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 39.4
 88 15.2 0.0 30.4

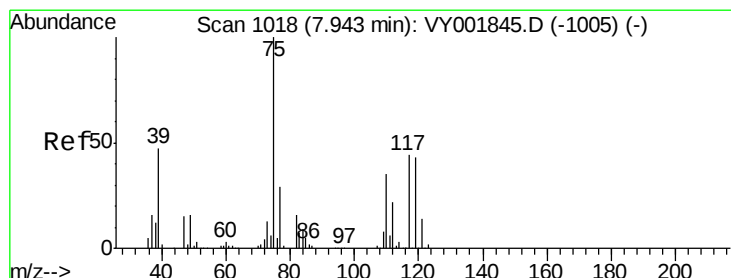
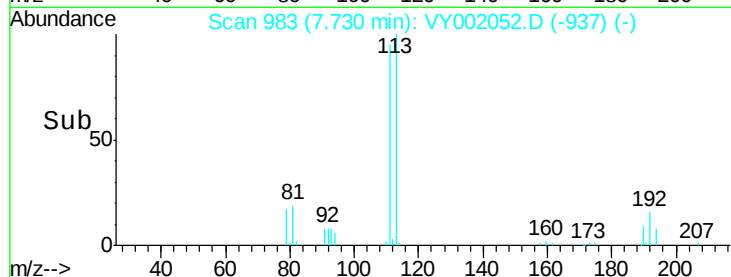
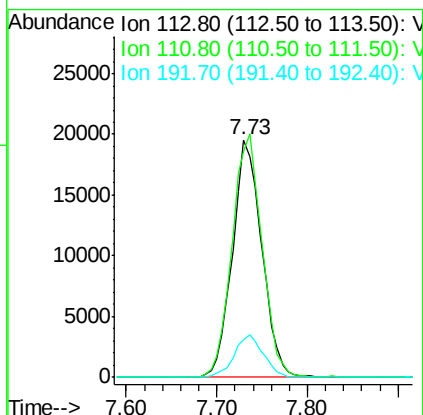
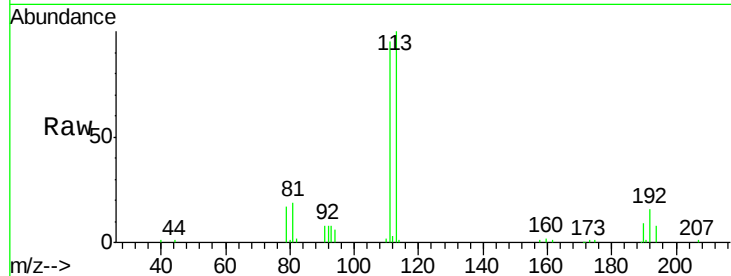




#35
 Dibromofluoromethane
 Concen: 52.62 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.02 min
 Lab File: VY002052.D
 Acq: 24 Mar 2020 15:48

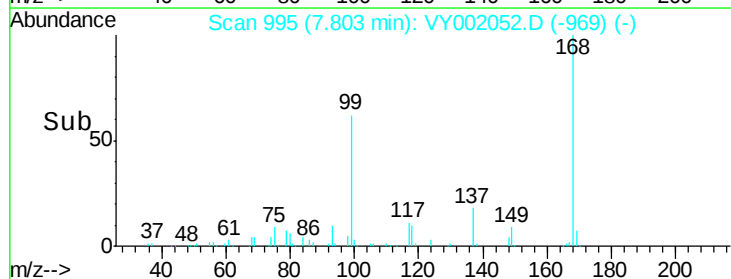
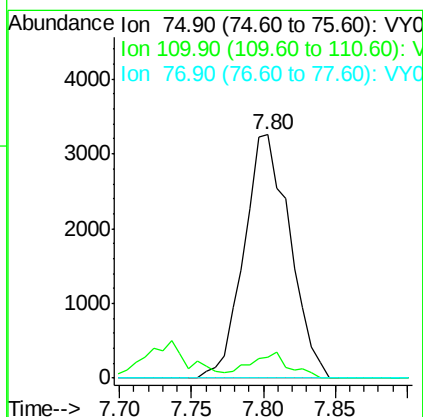
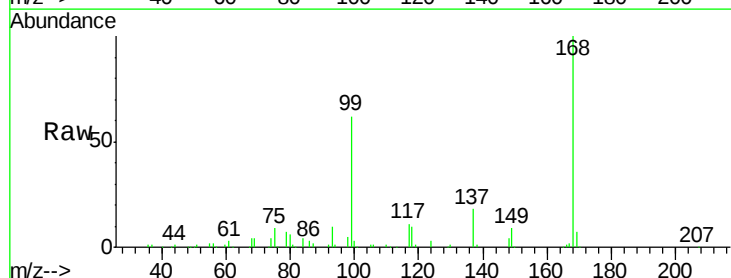
Instrument :
 MSVOA_Y
 ClientSampleId :
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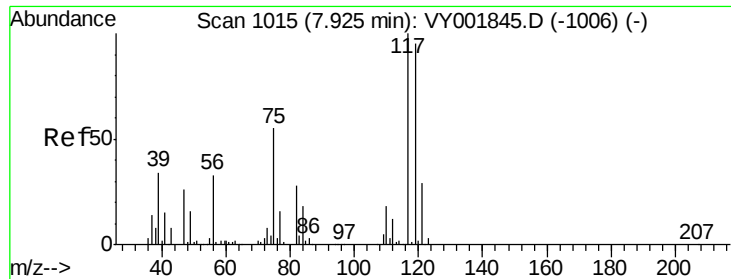
Tgt Ion:113 Resp: 44018
 Ion Ratio Lower Upper
 113 100
 111 104.2 81.8 122.8
 192 17.7 14.2 21.2



#36
 1,1-Dichloropropene
 Concen: 4.88 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.14 min
 Lab File: VY002052.D
 Acq: 24 Mar 2020 15:48

Tgt Ion: 75 Resp: 7198
 Ion Ratio Lower Upper
 75 100
 110 9.1 17.4 52.2#
 77 0.0 24.2 36.2#

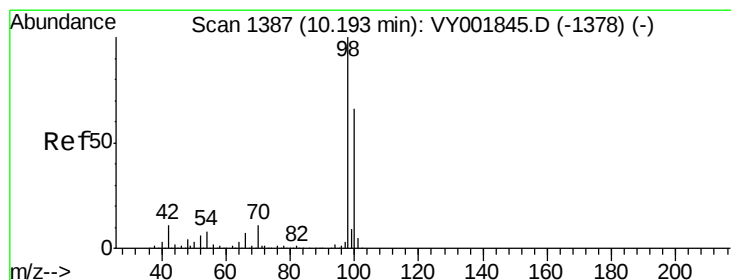
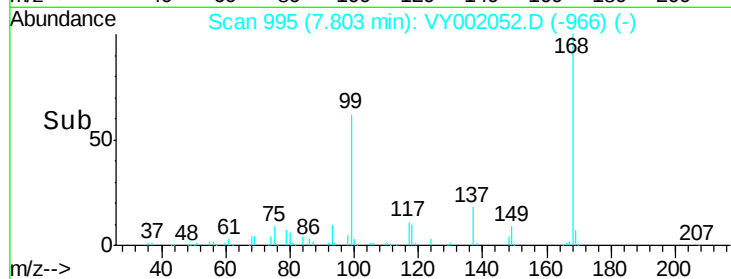
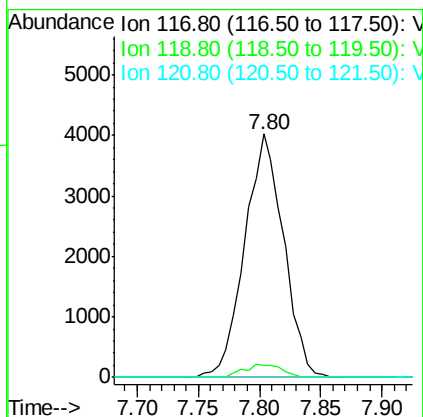
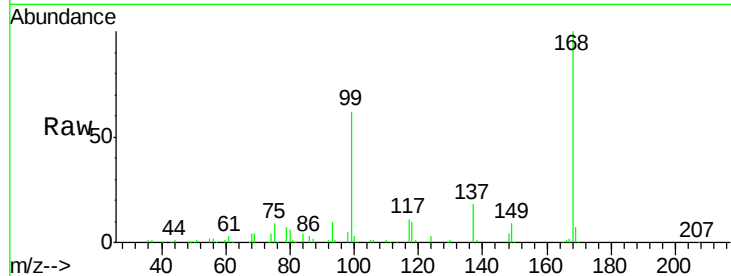




#38
Carbon Tetrachloride
Concen: 7.07 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.12 min
Lab File: VY002052.D
Acq: 24 Mar 2020 15:48

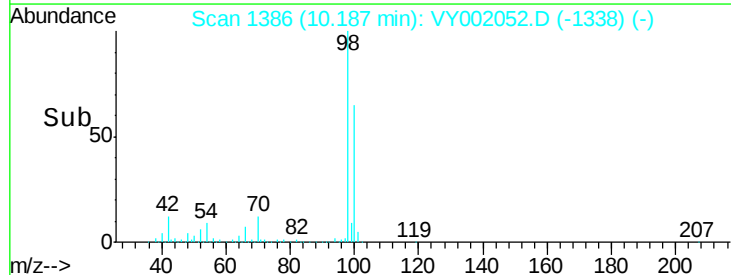
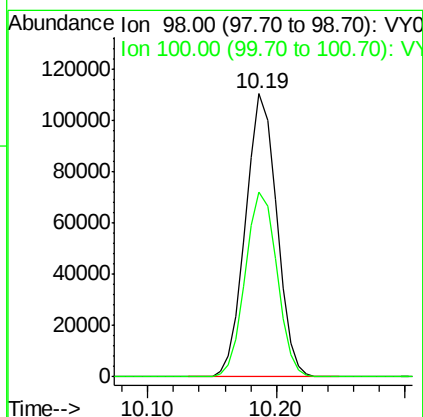
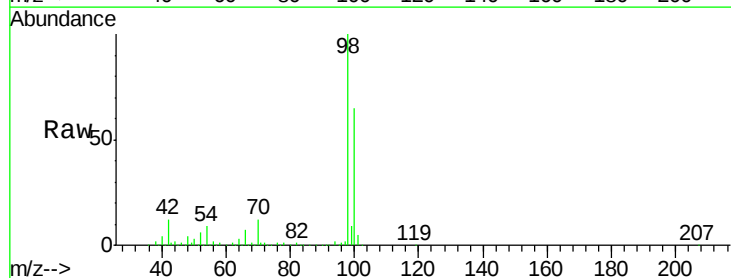
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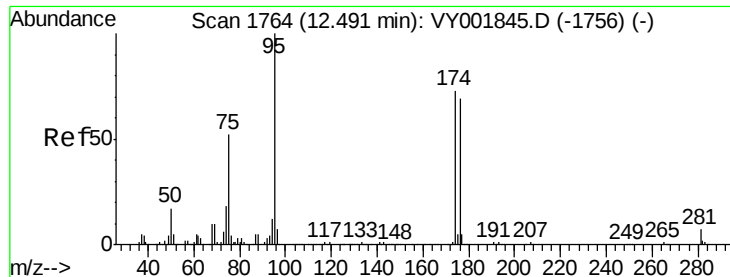
Tgt Ion:117 Resp: 8903
Ion Ratio Lower Upper
117 100
119 4.9 76.3 114.5#
121 0.0 23.5 35.3#



#50
Toluene-d8
Concen: 52.51 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY002052.D
Acq: 24 Mar 2020 15:48

Tgt Ion: 98 Resp: 185258
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.4

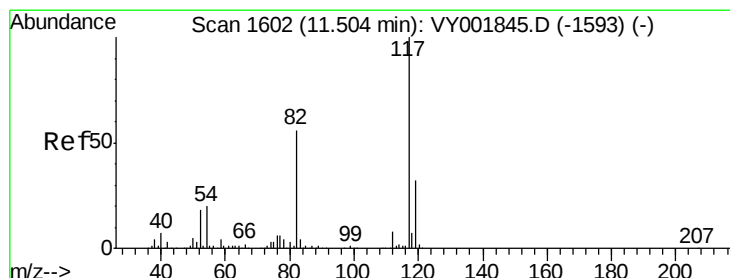
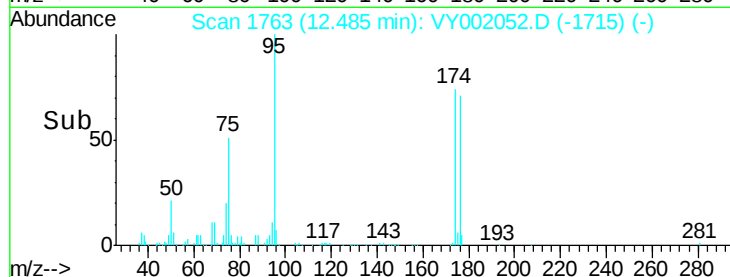
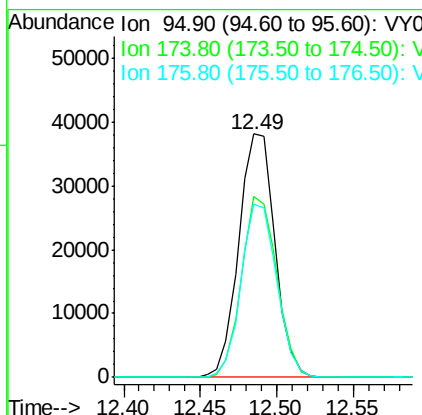
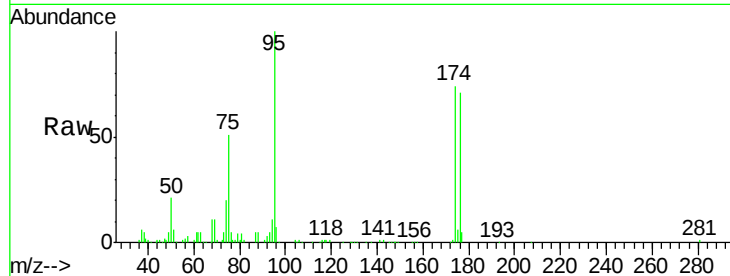




#62
4-Bromofluorobenzene
Concen: 51.02 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY002052.D
Acq: 24 Mar 2020 15:48

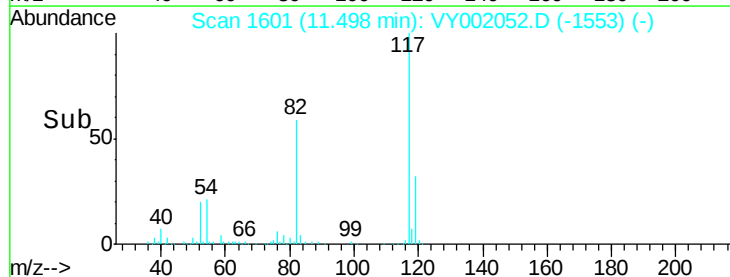
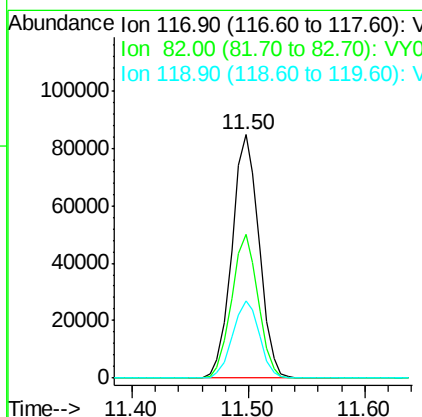
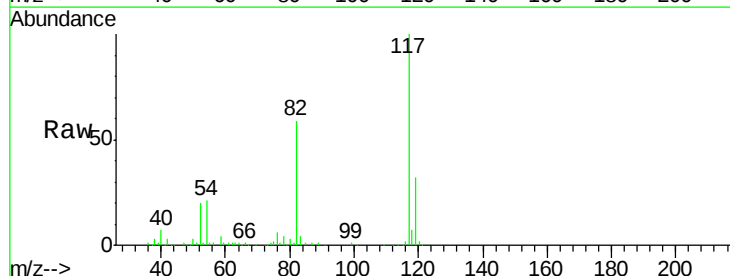
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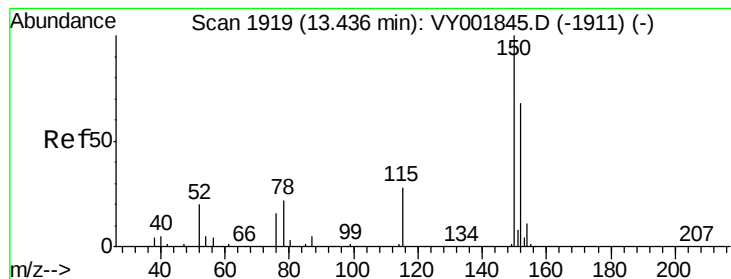
Tgt Ion: 95 Resp: 62582
Ion Ratio Lower Upper
95 100
174 72.8 0.0 145.0
176 70.4 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY002052.D
Acq: 24 Mar 2020 15:48

Tgt Ion: 117 Resp: 137092
Ion Ratio Lower Upper
117 100
82 59.0 44.5 66.7
119 31.9 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY002052.D

Acq: 24 Mar 2020 15:48

Instrument :

MSVOA_Y

ClientSampleId :

5TH-STREET-SUBRE

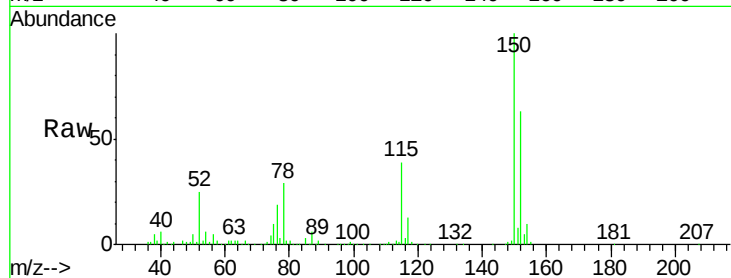
Tgt Ion:152 Resp: 59490

Ion Ratio Lower Upper

152 100

115 62.6 29.9 89.7

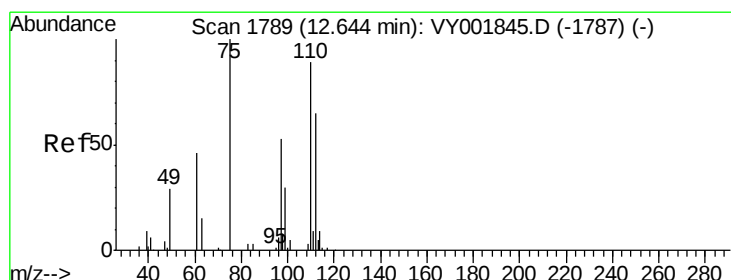
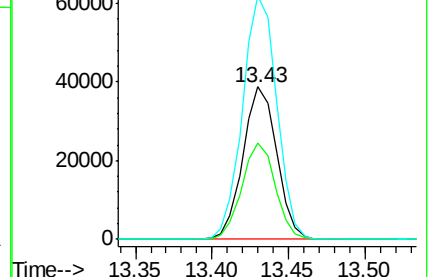
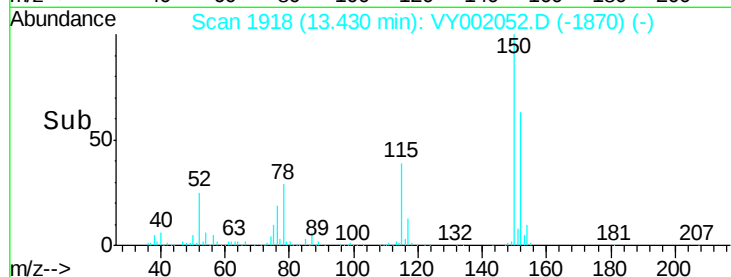
150 161.5 0.0 340.6



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: 44.58 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.16 min

Lab File: VY002052.D

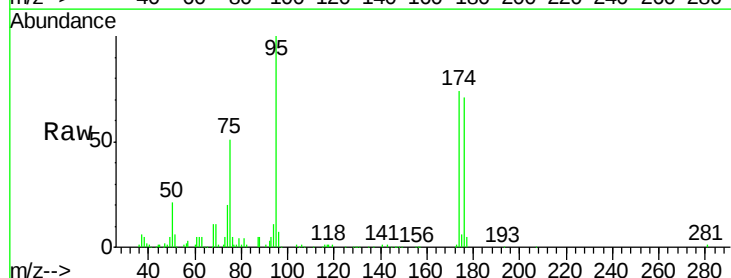
Acq: 24 Mar 2020 15:48

Tgt Ion: 75 Resp: 31470

Ion Ratio Lower Upper

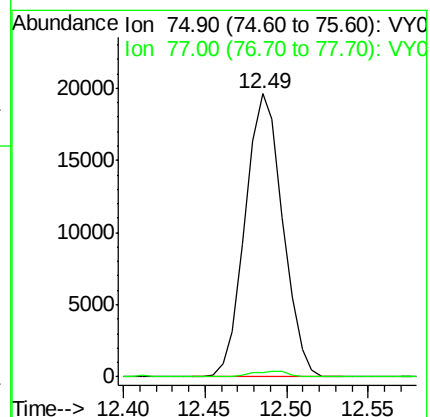
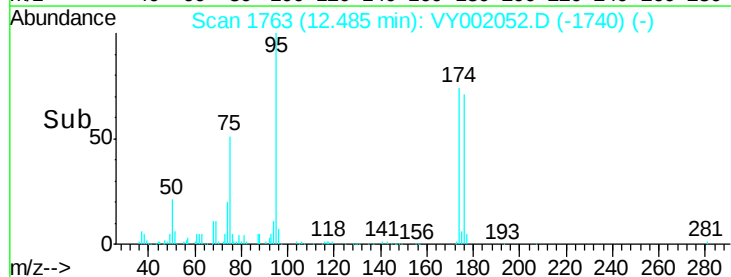
75 100

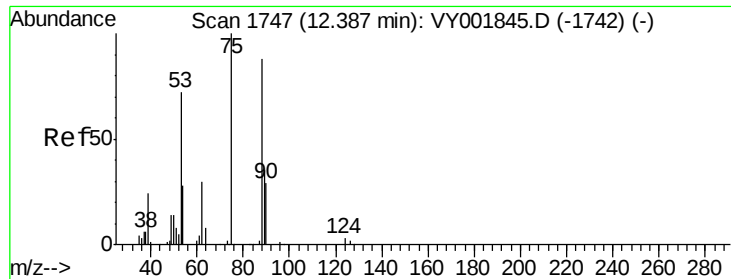
77 1.9 0.0 0.0#



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: 90.05 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002052.D

Acq: 24 Mar 2020 15:48

Instrument :

MSVOA_Y

ClientSampleId :

5TH-STREET-SUBRE

Tgt Ion: 75 Resp: 31470

Ion Ratio Lower Upper

75 100

53 0.0 65.4 98.0#

89 0.0 36.0 54.0#

