

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040320\
 Data File : VY002214.D
 Acq On : 03 Apr 2020 12:59
 Operator : SY/MD
 Sample : L2135-04RE
 Misc : 6.91G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2E-(7-9)

Quant Time: Apr 04 00:18:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

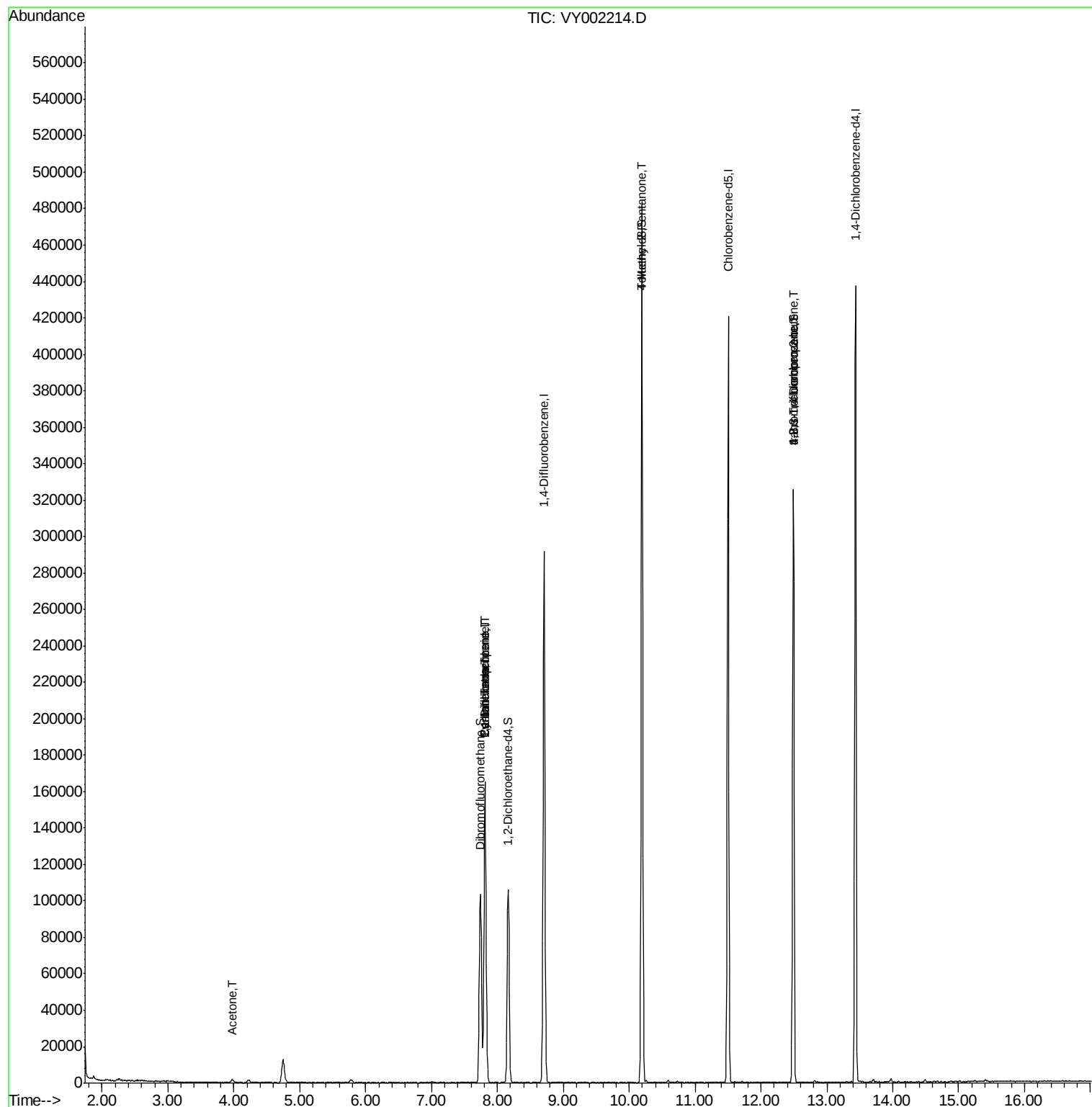
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	123749	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	247023	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	233163	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	105092	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	79395	58.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.08%	
35) Dibromofluoromethane	7.74	113	73042	52.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.54%	
50) Toluene-d8	10.19	98	305423	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	
62) 4-Bromofluorobenzene	12.49	95	107934	53.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.34%	
Target Compounds						
					Qvalue	
16) Acetone	3.97	43	3346	8.706	ug/l #	85
31) Cyclohexane	7.81	56	2896	1.016	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	10596	4.535	ug/l #	49
38) Carbon Tetrachloride	7.82	117	13024	6.570	ug/l #	17
51) 4-Methyl-2-Pentanone	10.19	43	1363	1.010	ug/l #	1
76) 1,2,3-Trichloropropane	12.49	75	55152	46.916	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	55152	90.892	ug/l #	17

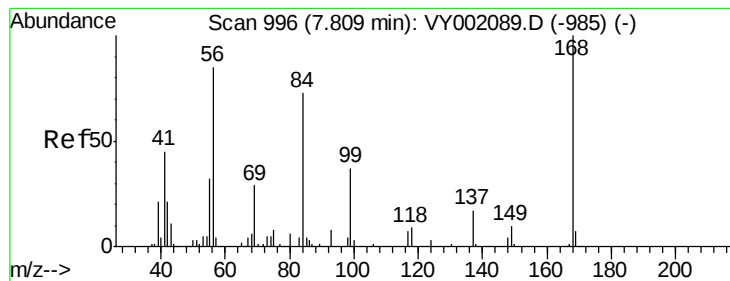
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002214.D

Acq: 03 Apr 2020 12:59

Instrument :

MSVOA_Y

ClientSampleId :

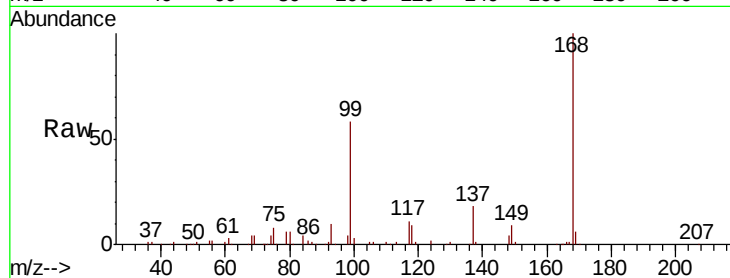
SB-2E-(7-9)

Tot Ion:168 Resp: 123749

Ion Ratio Lower Upper

168 100

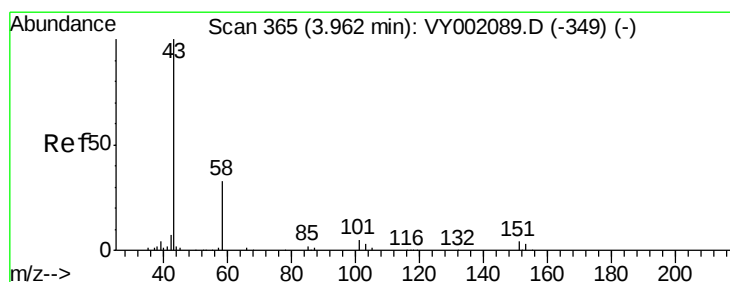
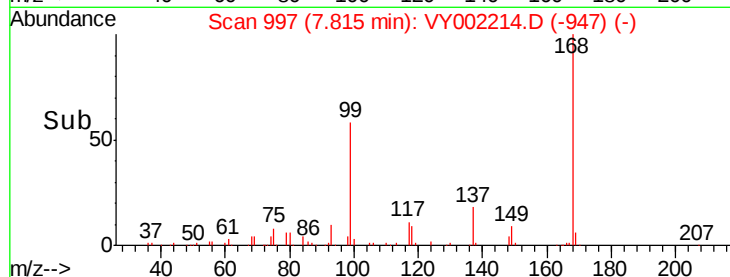
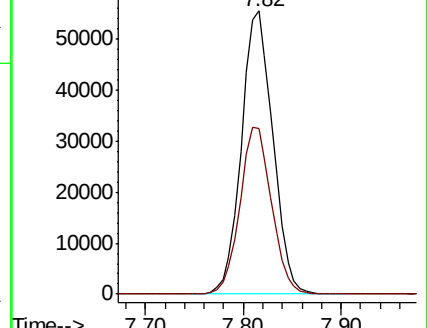
99 58.3 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002214.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002214.D (-947) (-)

7.82



#16

Acetone

Concen: 8.706 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002214.D

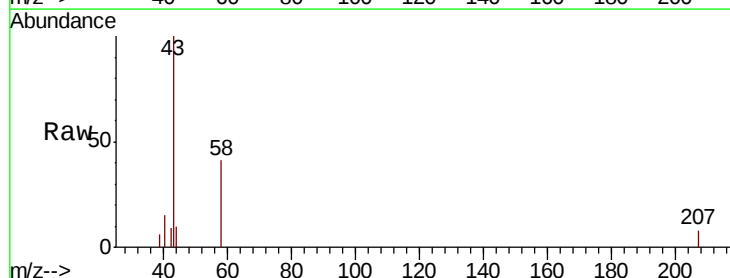
Acq: 03 Apr 2020 12:59

Tgt Ion: 43 Resp: 3346

Ion Ratio Lower Upper

43 100

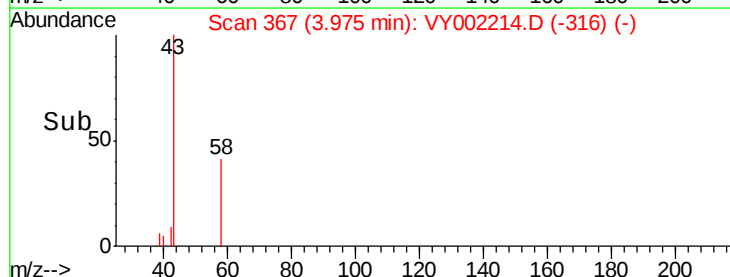
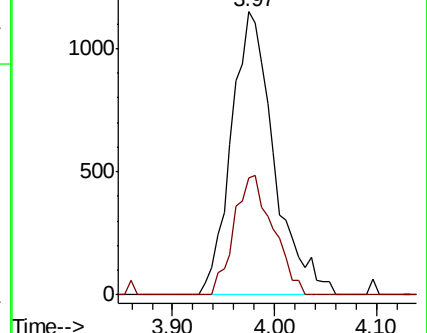
58 41.2 26.3 39.5#

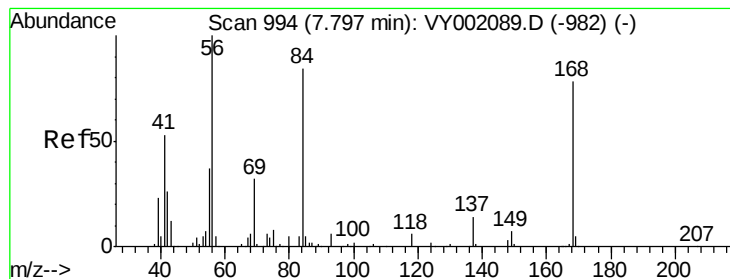


Abundance Ion 43.00 (42.70 to 43.70): VY002214.D (-316) (-)

Ion 58.00 (57.70 to 58.70): VY002214.D (-316) (-)

3.97





#31

Cyclohexane

Concen: 1.016 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002214.D

Acq: 03 Apr 2020 12:59

Instrument :

MSVOA_Y

ClientSampleId :

SB-2E-(7-9)

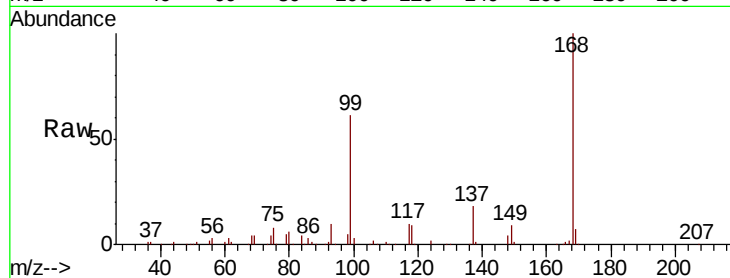
Tot Ion: 56 Resp: 2896

Ion Ratio Lower Upper

56 100

69 154.2 25.8 38.8#

84 155.6 67.1 100.7#

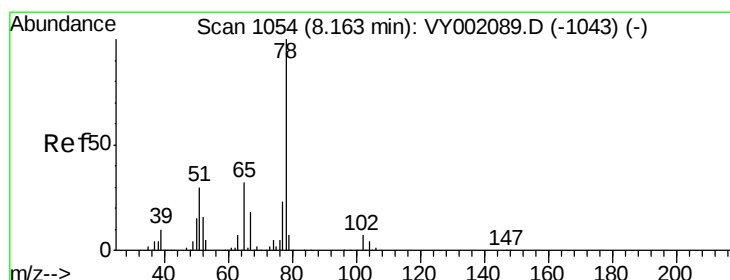
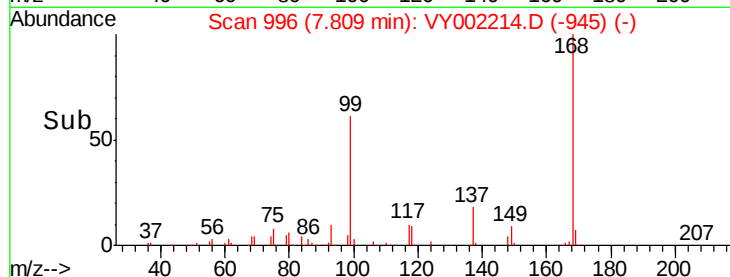
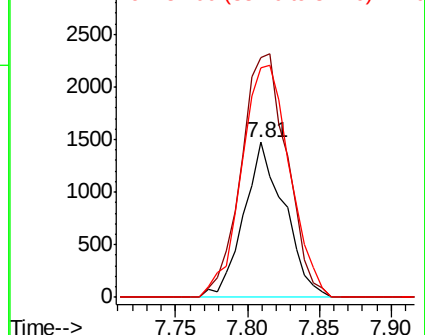


Abundance

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



#33

1,2-Dichloroethane-d4

Concen: 58.037 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VY002214.D

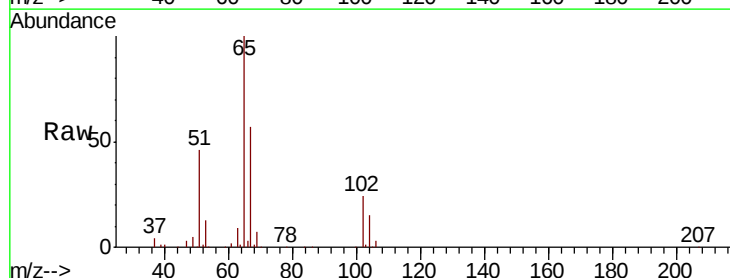
Acq: 03 Apr 2020 12:59

Tgt Ion: 65 Resp: 79395

Ion Ratio Lower Upper

65 100

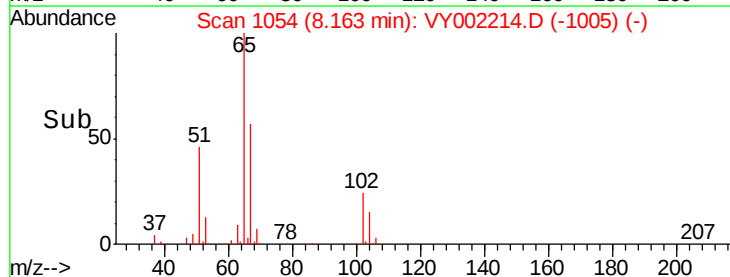
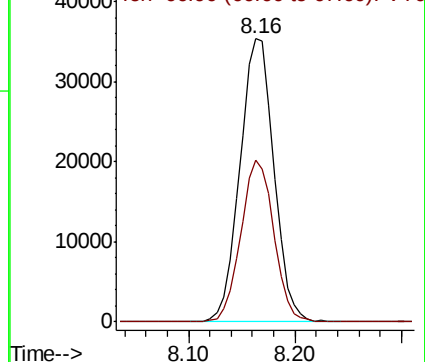
67 55.4 0.0 112.8

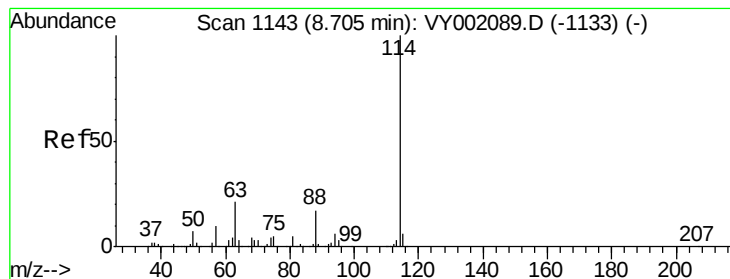


Abundance

Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY002214.D

Acq: 03 Apr 2020 12:59

Instrument :

MSVOA_Y

ClientSampleId :

SB-2E-(7-9)

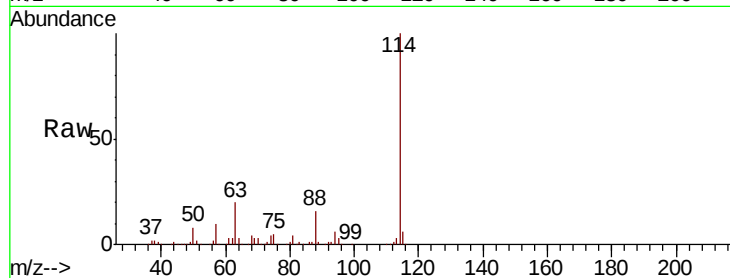
Tot Ion:114 Resp: 247023

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.4

88 15.7 0.0 33.0



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

8.71

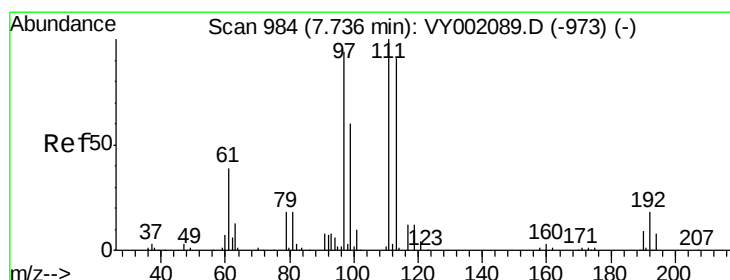
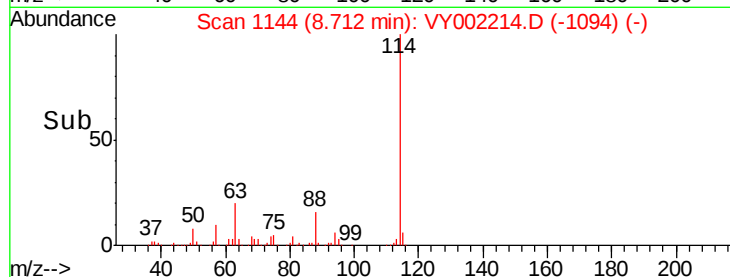
150000

100000

50000

0

Time--> 8.60 8.70 8.80



#35

Dibromofluoromethane

Concen: 52.772 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002214.D

Acq: 03 Apr 2020 12:59

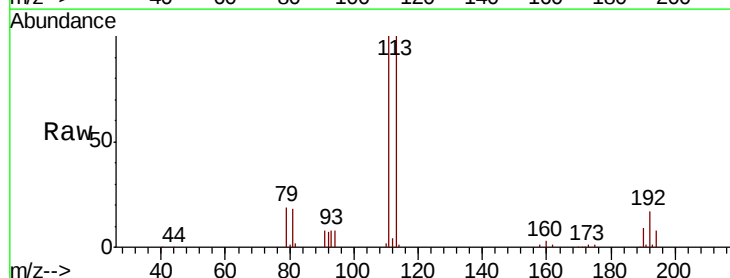
Tgt Ion:113 Resp: 73042

Ion Ratio Lower Upper

113 100

111 104.1 84.4 126.6

192 18.0 14.6 21.8



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

7.74

40000

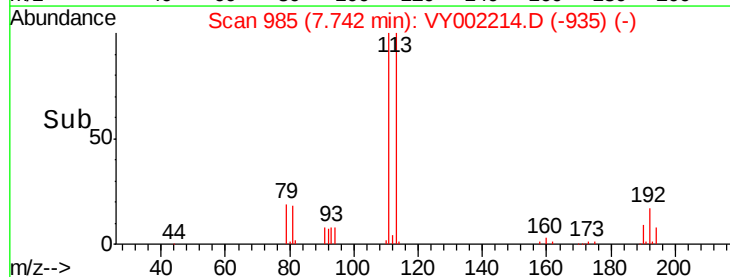
30000

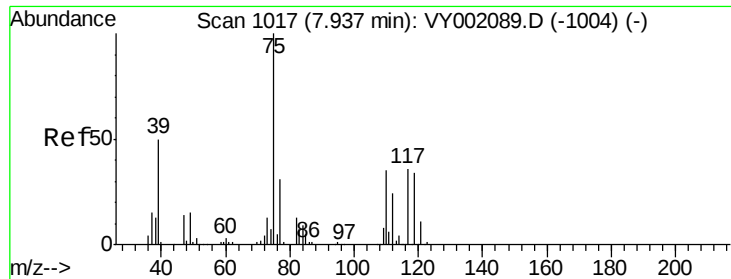
20000

10000

0

Time--> 7.65 7.70 7.75 7.80

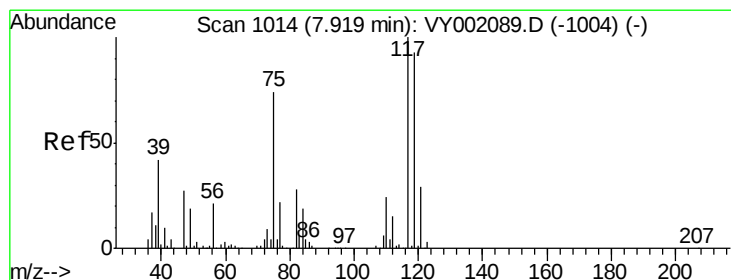
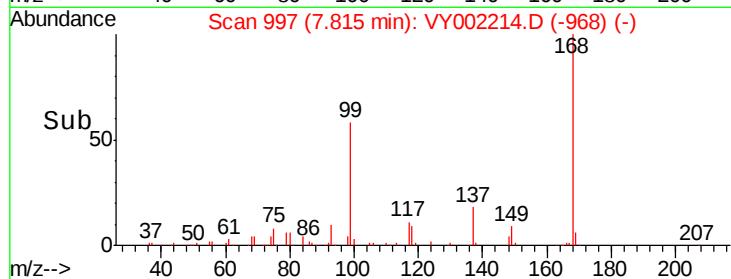
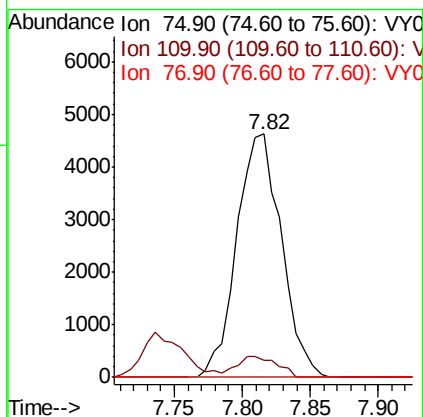
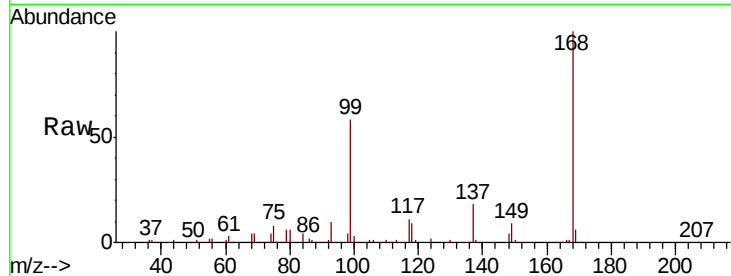




#36
 1,1-Dichloropropene
 Concen: 4.535 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.12 min
 Lab File: VY002214.D
 Acq: 03 Apr 2020 12:59

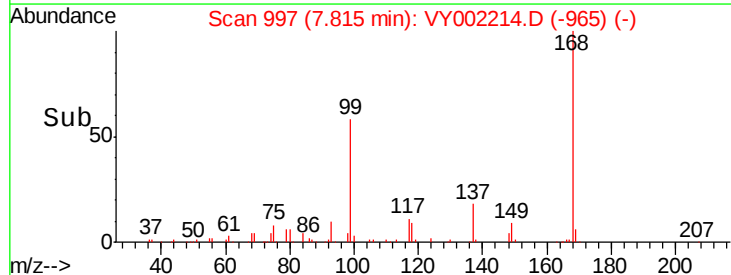
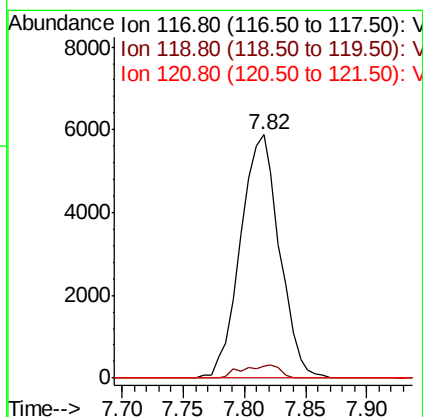
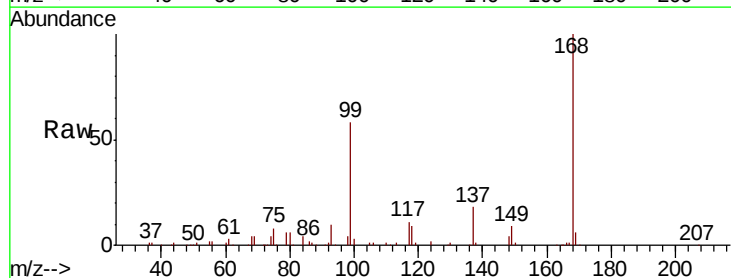
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2E-(7-9)

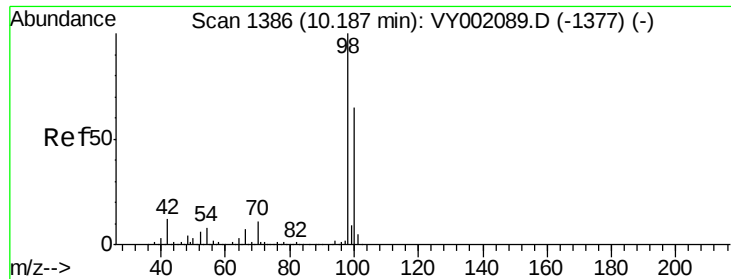
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.5	17.2	51.6#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.570 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.10 min
 Lab File: VY002214.D
 Acq: 03 Apr 2020 12:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.7	74.3	111.5#
121	0.0	23.3	34.9#





#50

Toluene-d8

Concen: 53.118 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002214.D

Acq: 03 Apr 2020 12:59

Instrument :

MSVOA_Y

ClientSampleId :

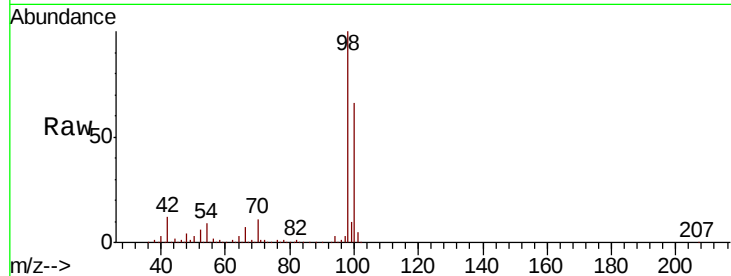
SB-2E-(7-9)

Tot Ion: 98 Resp: 305423

Ion Ratio Lower Upper

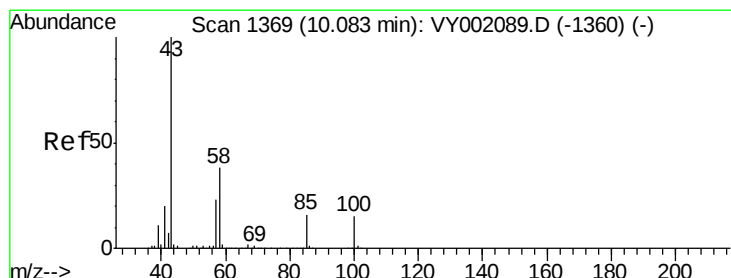
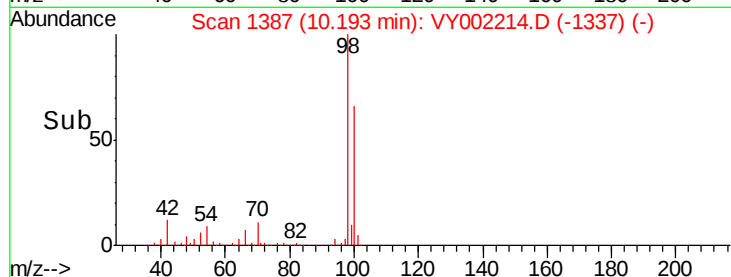
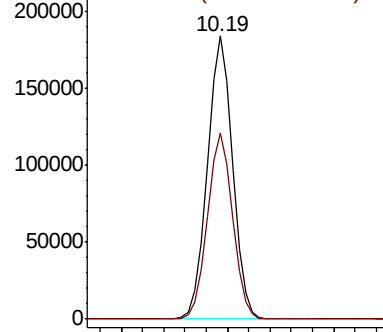
98 100

100 65.8 51.6 77.4



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: 1.010 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.10 min

Lab File: VY002214.D

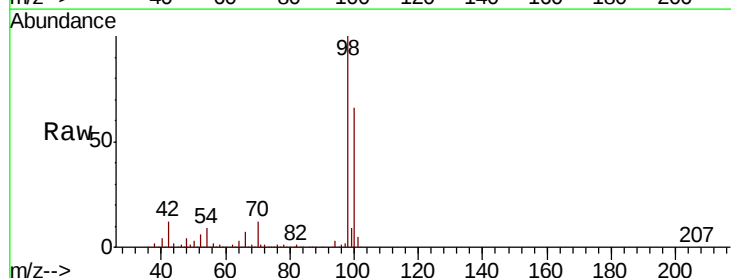
Acq: 03 Apr 2020 12:59

Tgt Ion: 43 Resp: 1363

Ion Ratio Lower Upper

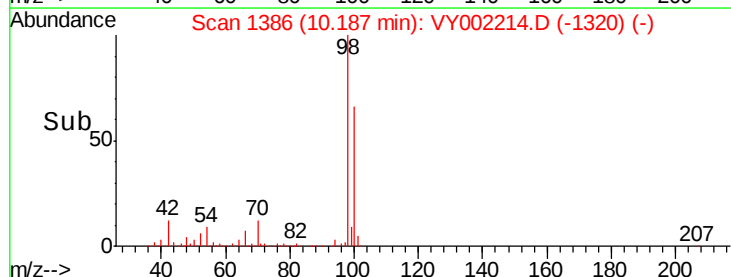
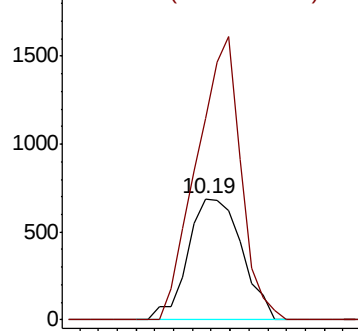
43 100

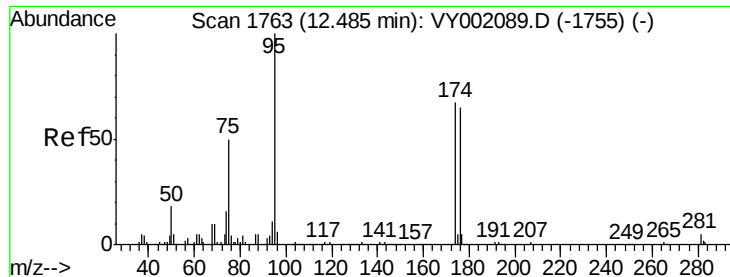
58 191.9 31.6 47.4#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

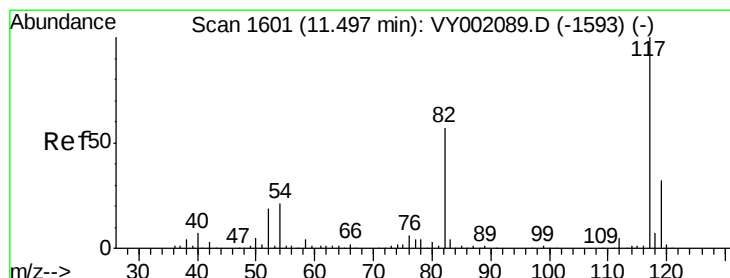
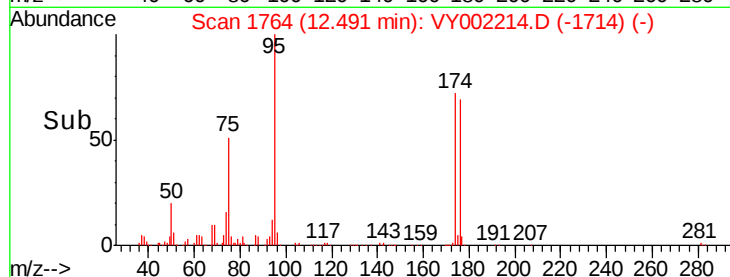
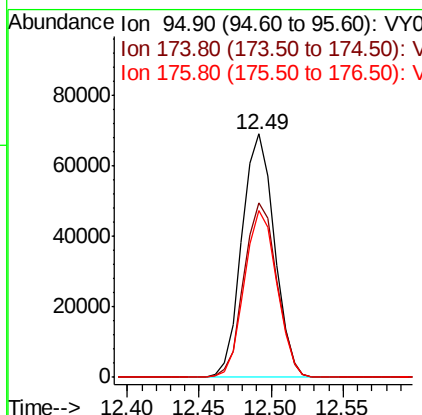
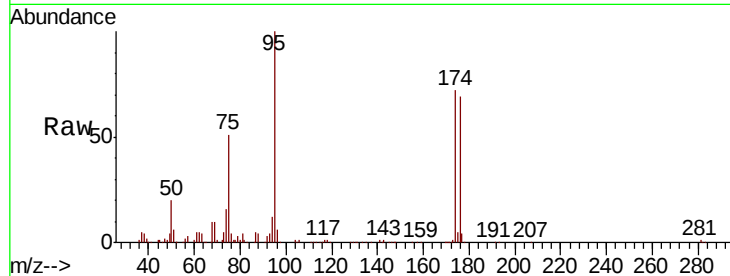




#62
4-Bromofluorobenzene
Concen: 53.673 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY002214.D
Acq: 03 Apr 2020 12:59

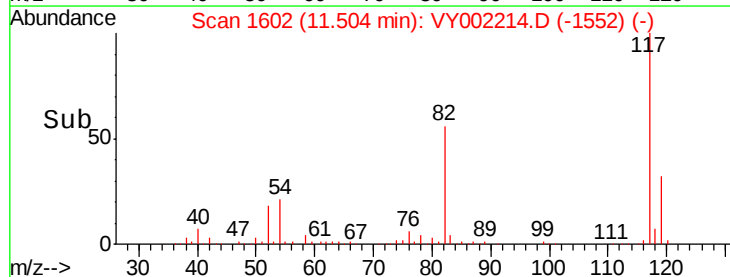
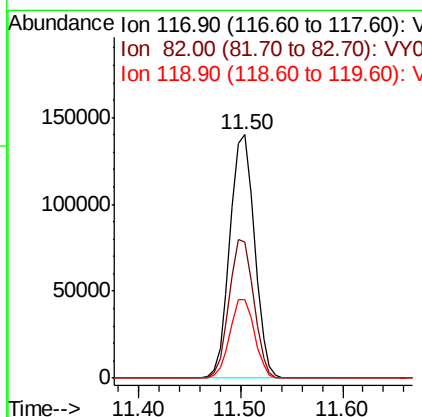
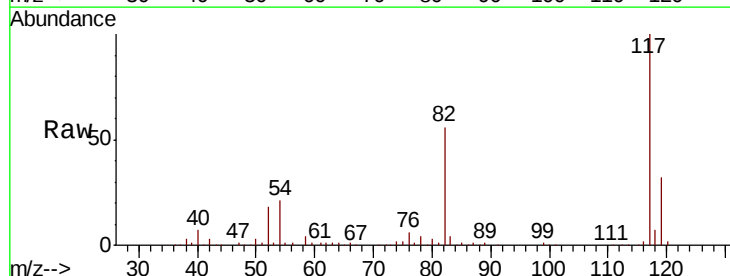
Instrument :
MSVOA_Y
ClientSampleId :
SB-2E-(7-9)

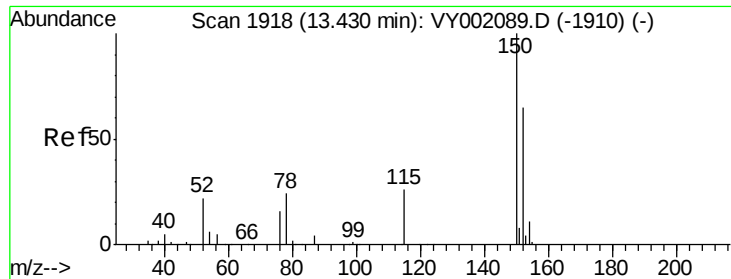
Tot Ion	95	Resp	107934
Ion Ratio	Lower	Upper	
95	100		
174	72.6	0.0	143.4
176	68.4	0.0	137.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002214.D
Acq: 03 Apr 2020 12:59

Tgt Ion	117	Resp	233163
Ion Ratio	Lower	Upper	
117	100		
82	56.1	45.4	68.2
119	32.1	25.3	37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY002214.D

Acq: 03 Apr 2020 12:59

Instrument :

MSVOA_Y

ClientSampleId :

SB-2E-(7-9)

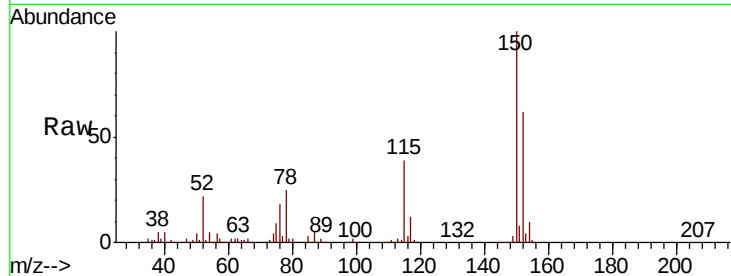
Tot Ion:152 Resp: 105092

Ion Ratio Lower Upper

152 100

115 61.7 31.2 93.6

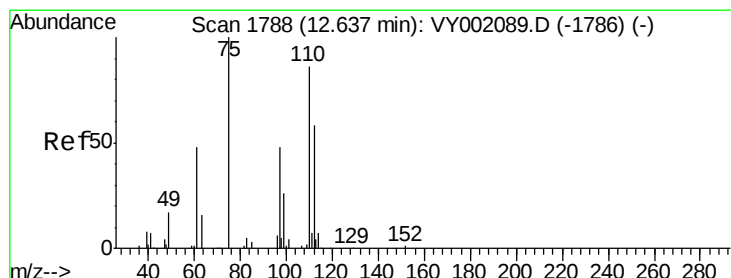
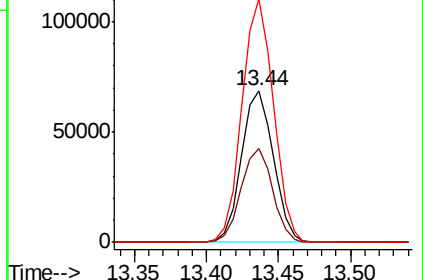
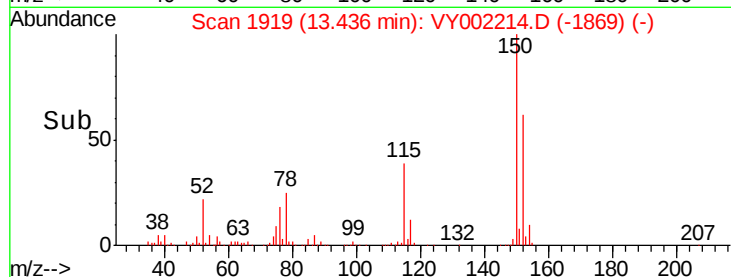
150 158.7 0.0 354.8



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: 46.916 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY002214.D

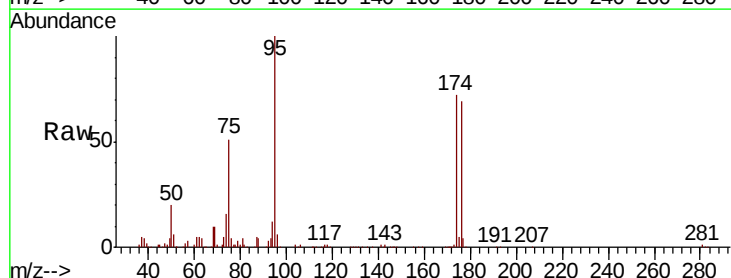
Acq: 03 Apr 2020 12:59

Tgt Ion: 75 Resp: 55152

Ion Ratio Lower Upper

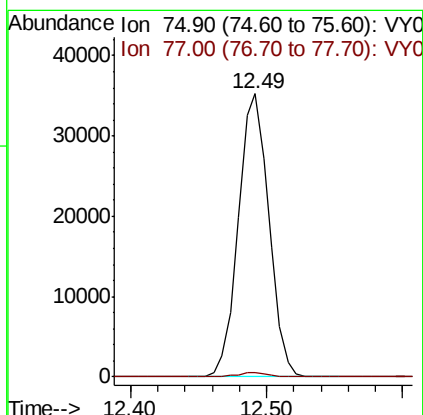
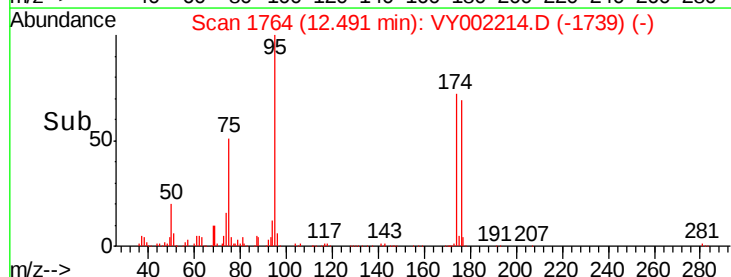
75 100

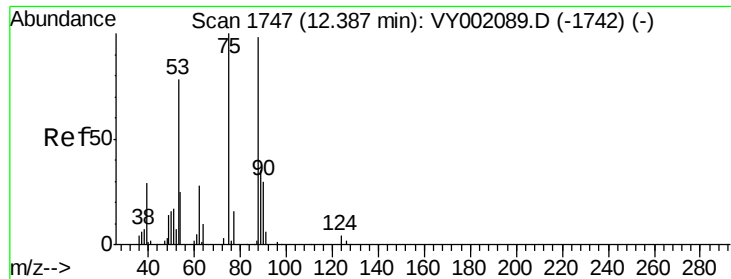
77 1.5 0.0 0.0#



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: 90.892 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY002214.D

Acq: 03 Apr 2020 12:59

Instrument :

MSVOA_Y

ClientSampleId :

SB-2E-(7-9)

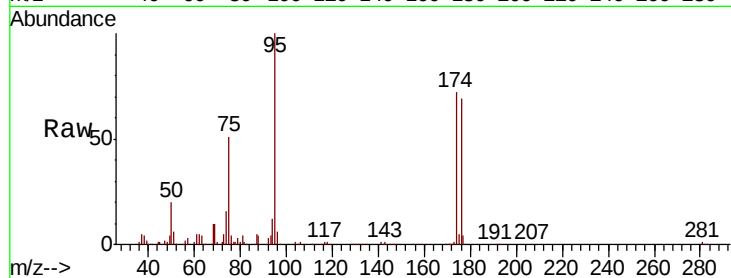
Tot Ion: 75 Resp: 55152

Ion Ratio Lower Upper

75 100

53 0.0 65.0 97.4#

89 0.0 33.4 50.0#



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

