

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY032720\
 Data File : VY002104.D
 Acq On : 27 Mar 2020 14:46
 Operator : SY/MD
 Sample : L2049-01
 Misc : 7.92G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1-(1-3)

Quant Time: Mar 30 03:25:12 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

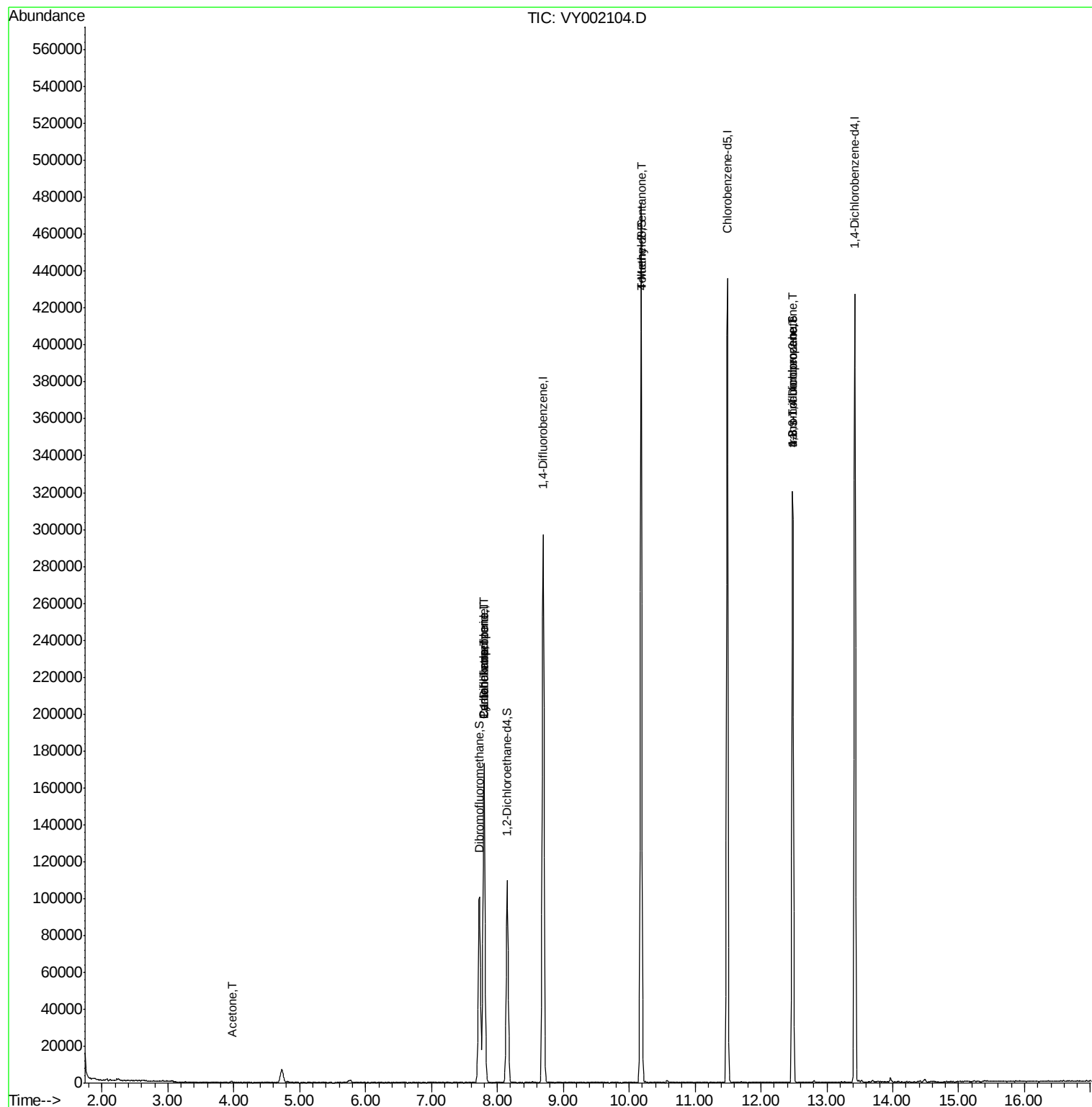
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	126281	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	246583	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	227685	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	102219	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	81551	58.42	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	116.84%	
35) Dibromofluoromethane	7.73	113	72699	52.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.24%	
50) Toluene-d8	10.18	98	299909	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	
62) 4-Bromofluorobenzene	12.48	95	103176	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
Target Compounds						
					Qvalue	
16) Acetone	3.97	43	1086	2.769	ug/l #	83
20) Methylene Chloride	4.72	84	5481	Below Cal		87
31) Cyclohexane	7.80	56	2957	1.017	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	11140	4.776	ug/l #	50
38) Carbon Tetrachloride	7.80	117	12980	6.560	ug/l #	17
51) 4-Methyl-2-Pentanone	10.18	43	1494	1.109	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	53746	47.005	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	53746	91.065	ug/l #	17

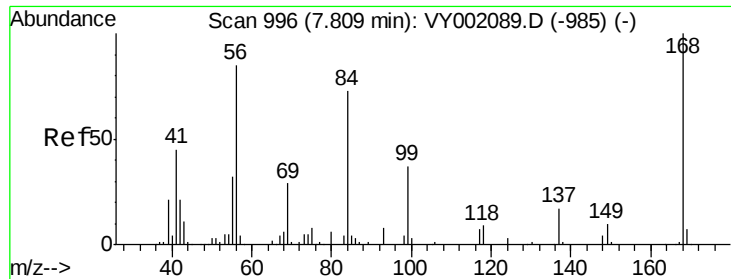
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002104.D

Acq: 27 Mar 2020 14:46

Instrument :

MSVOA_Y

ClientSampleId :

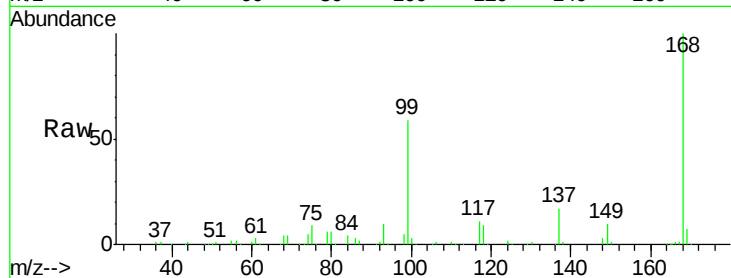
SB-1-(1-3)

Tgt Ion:168 Resp: 126281

Ion Ratio Lower Upper

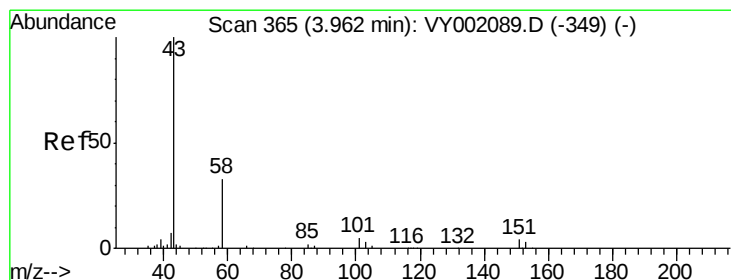
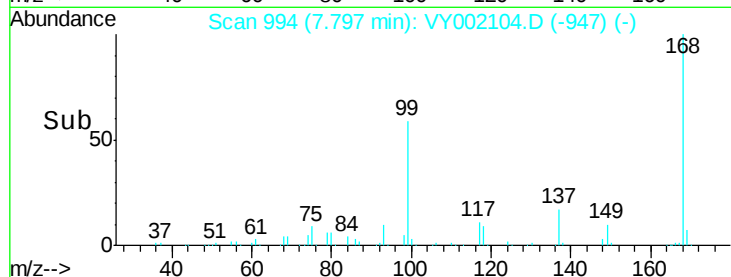
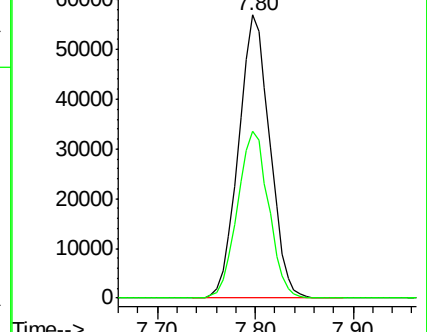
168 100

99 59.0 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002104.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002104.D (-947) (-)



#16

Acetone

Concen: 2.769 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002104.D

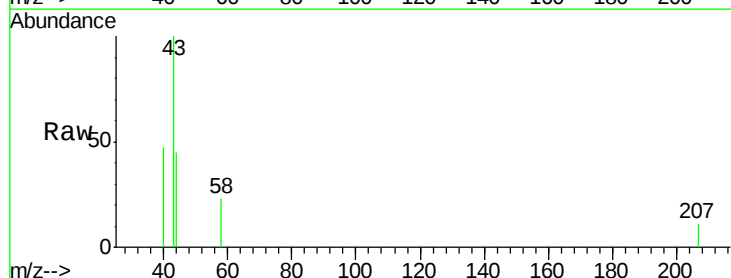
Acq: 27 Mar 2020 14:46

Tgt Ion: 43 Resp: 1086

Ion Ratio Lower Upper

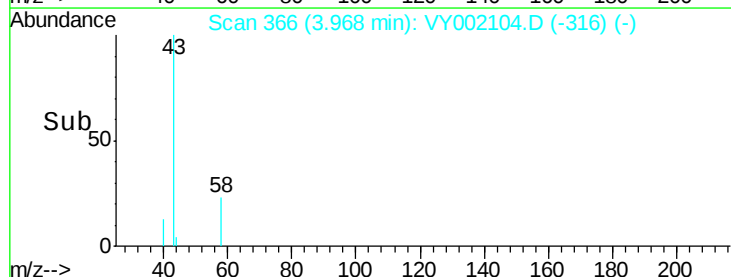
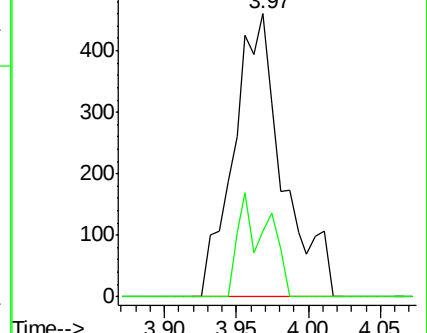
43 100

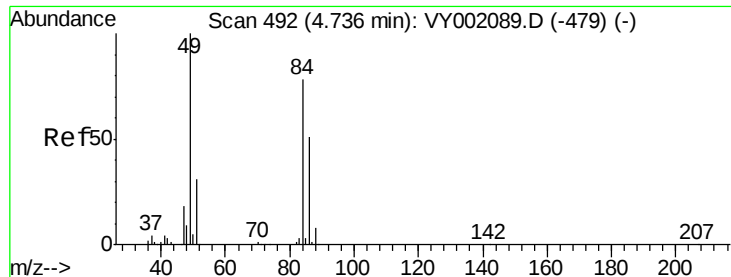
58 23.3 26.3 39.5#



Abundance Ion 43.00 (42.70 to 43.70): VY002104.D (-316) (-)

Ion 58.00 (57.70 to 58.70): VY002104.D (-316) (-)

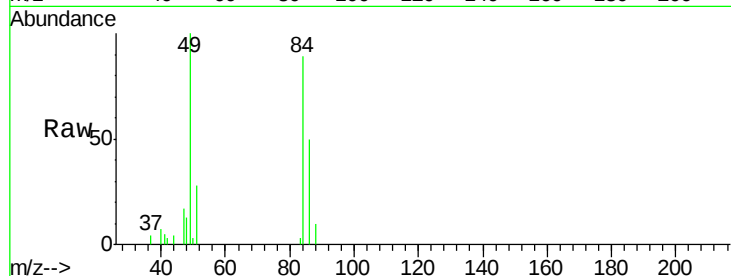




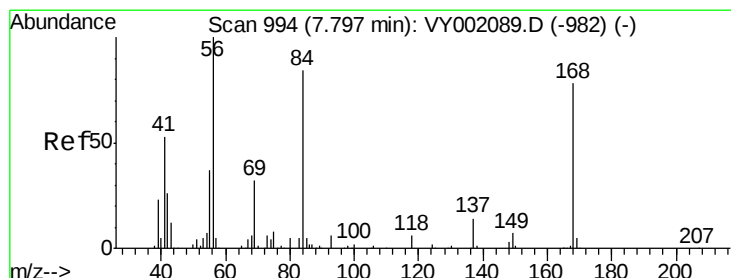
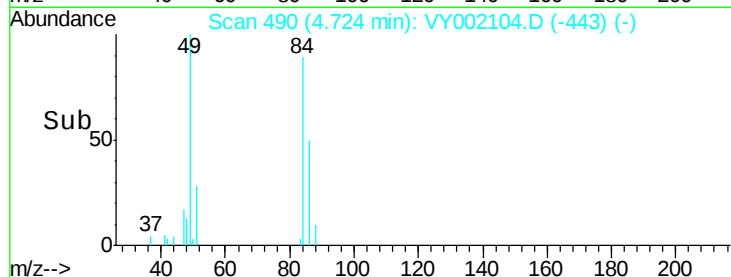
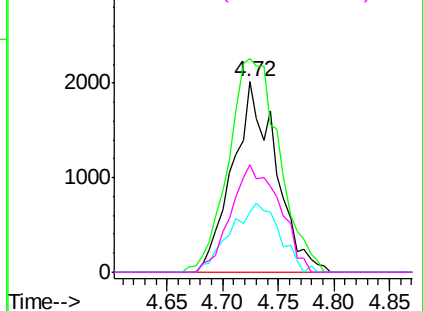
#20
Methylene Chloride
Concen: Below Cal
RT: 4.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: VY002104.D
Acq: 27 Mar 2020 14:46

Instrument :
MSVOA_Y
ClientSampleId :
SB-1-(1-3)

Tgt Ion:	84	Resp:	5481
Ion	Ratio	Lower	Upper
84	100		
49	112.3	102.2	153.4
51	31.6	31.2	46.8
86	56.6	52.6	78.8

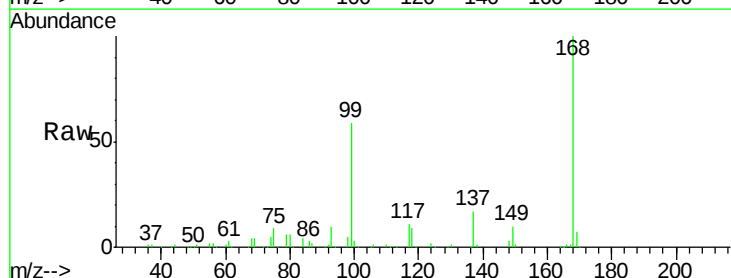


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

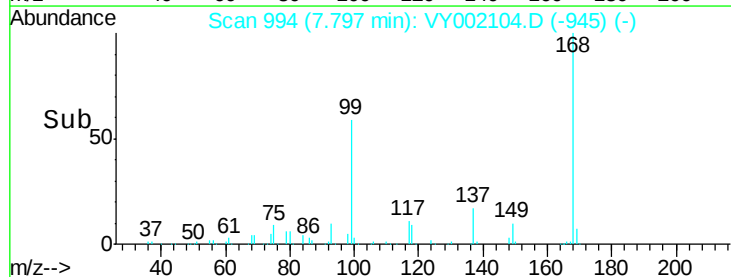
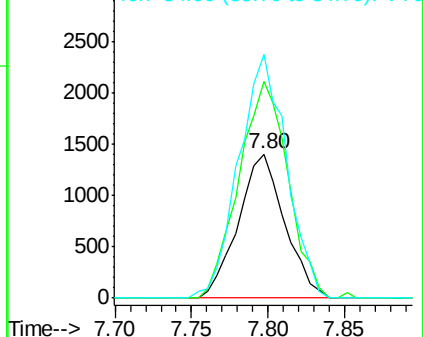


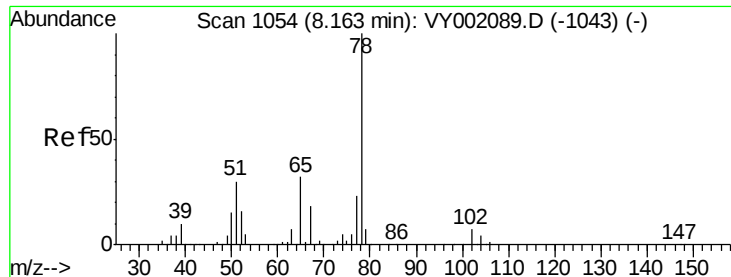
#31
Cyclohexane
Concen: 1.017 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.00 min
Lab File: VY002104.D
Acq: 27 Mar 2020 14:46

Tgt Ion:	56	Resp:	2957
Ion	Ratio	Lower	Upper
56	100		
69	150.0	25.8	38.8#
84	168.8	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: 58.418 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002104.D

Acq: 27 Mar 2020 14:46

Instrument :

MSVOA_Y

ClientSampleId :

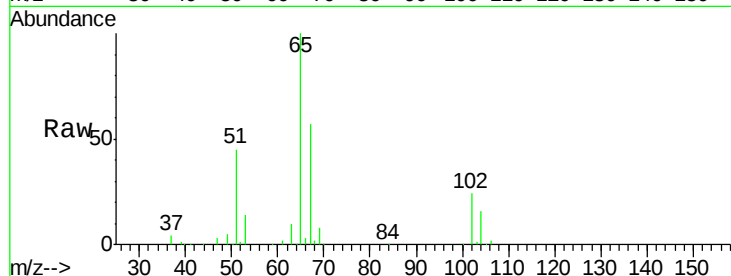
SB-1-(1-3)

Tgt Ion: 65 Resp: 81551

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

8.15

40000

30000

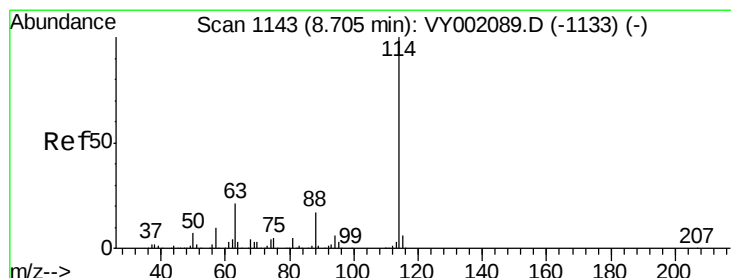
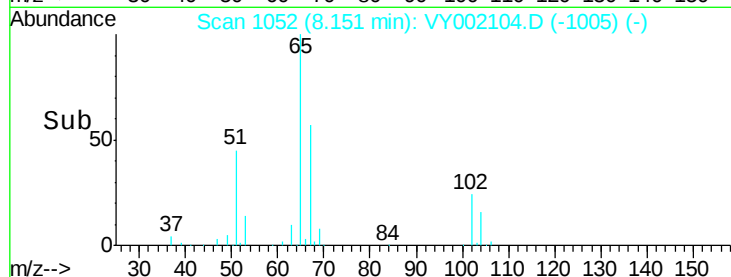
20000

10000

0

8.10 8.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY002104.D

Acq: 27 Mar 2020 14:46

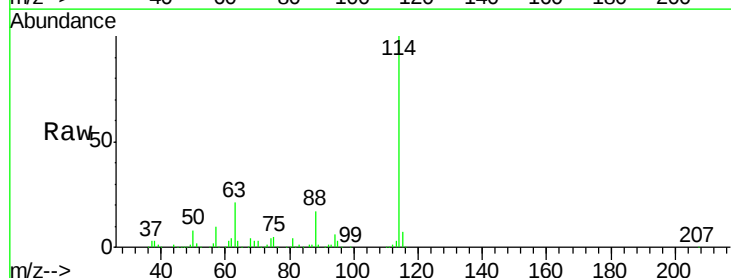
Tgt Ion: 114 Resp: 246583

Ion Ratio Lower Upper

114 100

63 21.0 0.0 41.4

88 16.6 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

150000

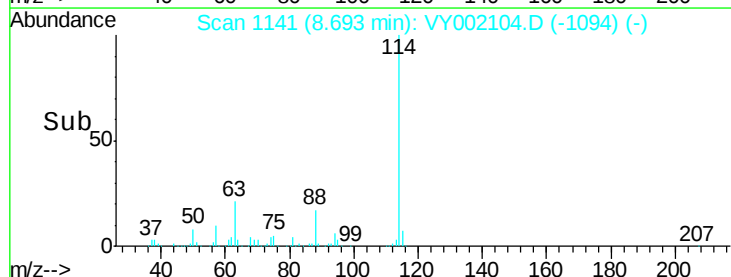
100000

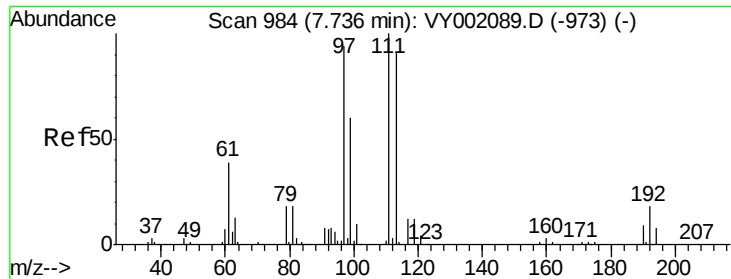
50000

0

8.60 8.65 8.70 8.75 8.80

Time-->

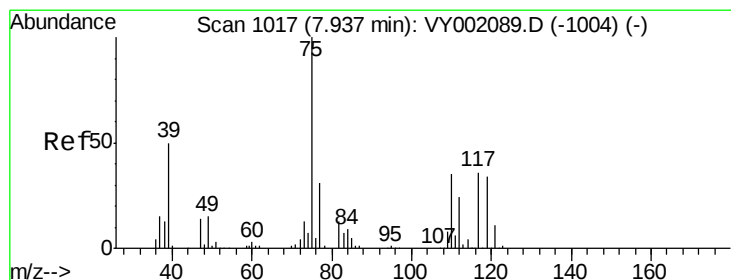
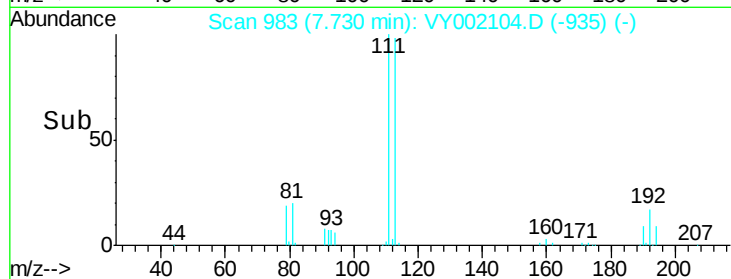
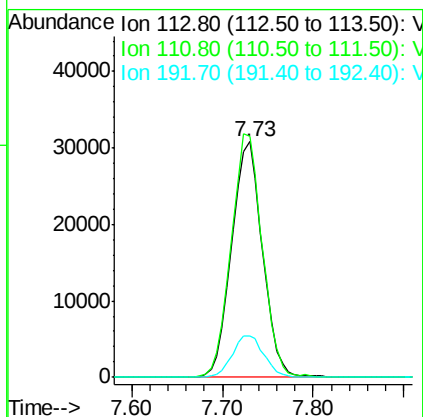
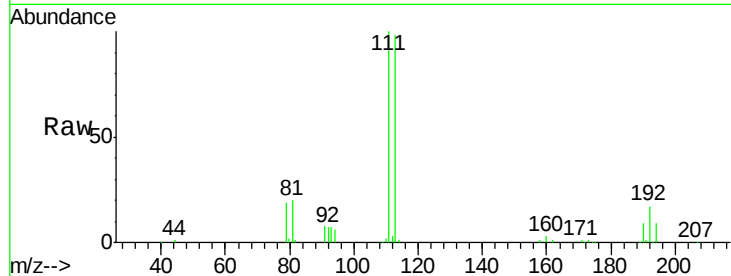




#35
 Dibromofluoromethane
 Concen: 52.618 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: VY002104.D
 Acq: 27 Mar 2020 14:46

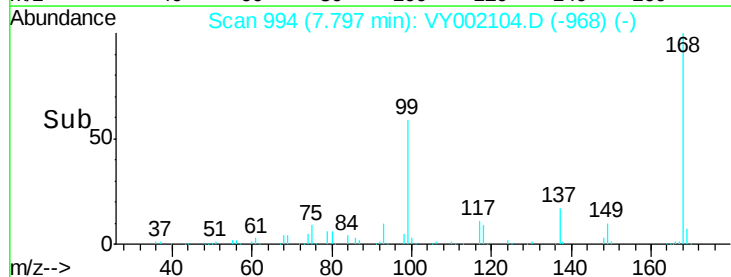
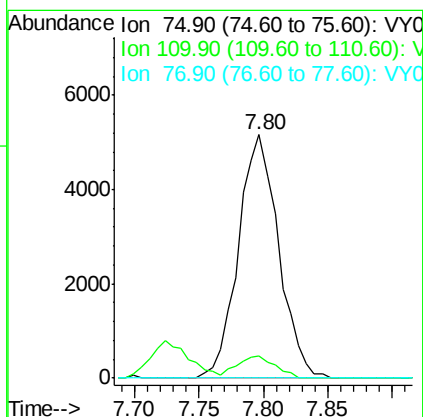
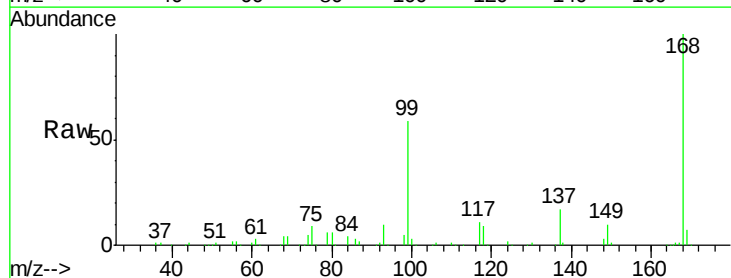
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1-(1-3)

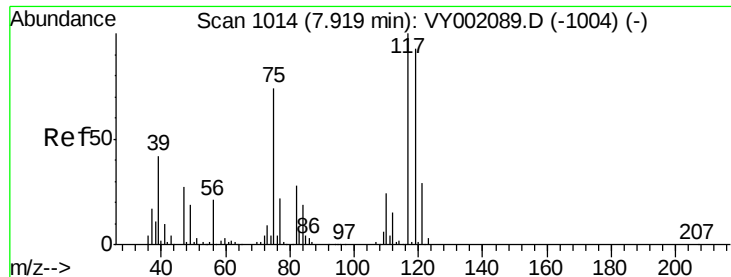
Tgt Ion:113 Resp: 72699
 Ion Ratio Lower Upper
 113 100
 111 104.1 84.4 126.6
 192 18.1 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 4.776 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.14 min
 Lab File: VY002104.D
 Acq: 27 Mar 2020 14:46

Tgt Ion: 75 Resp: 11140
 Ion Ratio Lower Upper
 75 100
 110 8.5 17.2 51.6#
 77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.560 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.12 min

Lab File: VY002104.D

Acq: 27 Mar 2020 14:46

Instrument :

MSVOA_Y

ClientSampleId :

SB-1-(1-3)

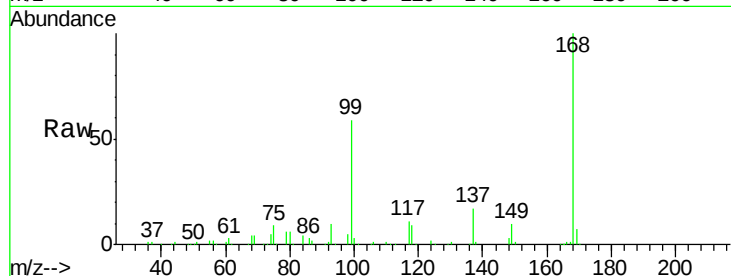
Tgt Ion:117 Resp: 12980

Ion Ratio Lower Upper

117 100

119 4.5 74.3 111.5#

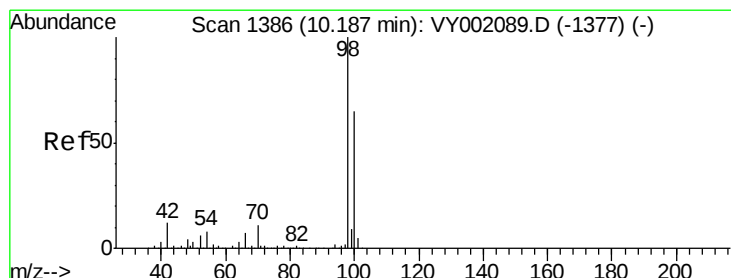
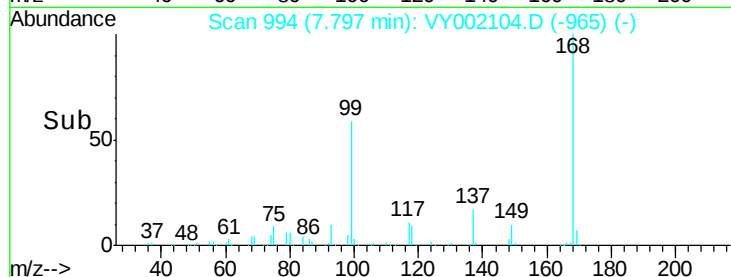
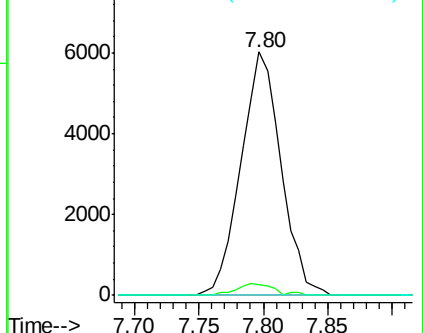
121 0.0 23.3 34.9#



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: 52.252 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002104.D

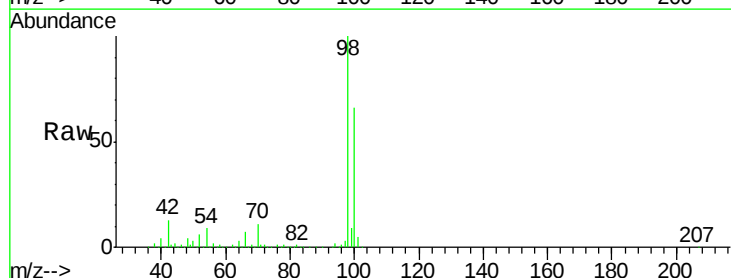
Acq: 27 Mar 2020 14:46

Tgt Ion: 98 Resp: 299909

Ion Ratio Lower Upper

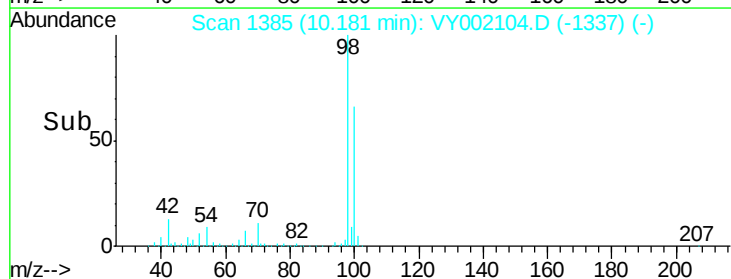
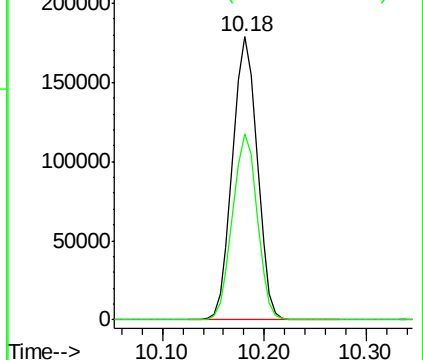
98 100

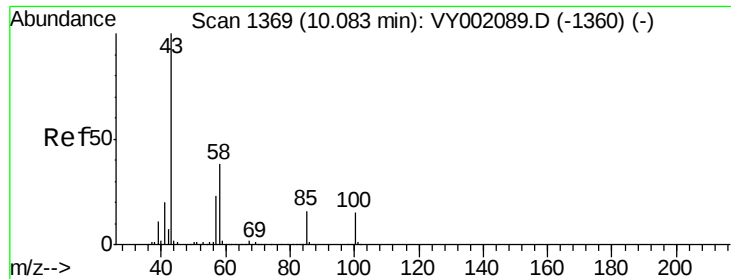
100 65.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

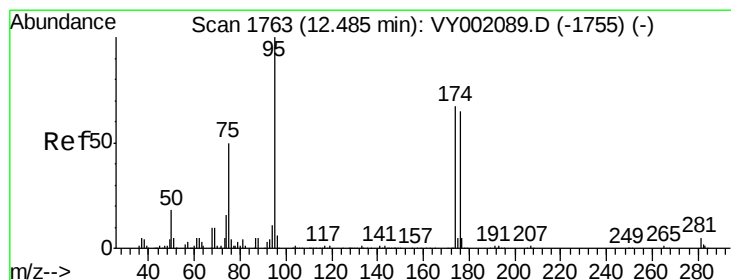
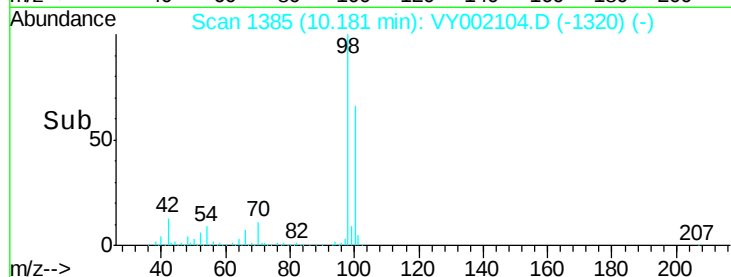
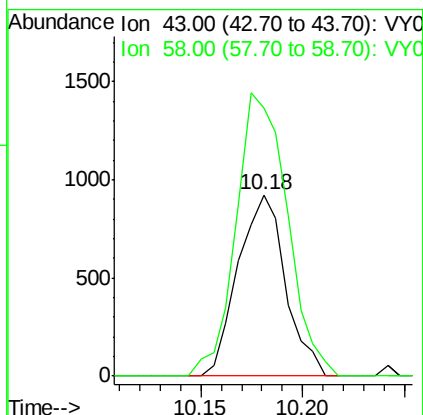
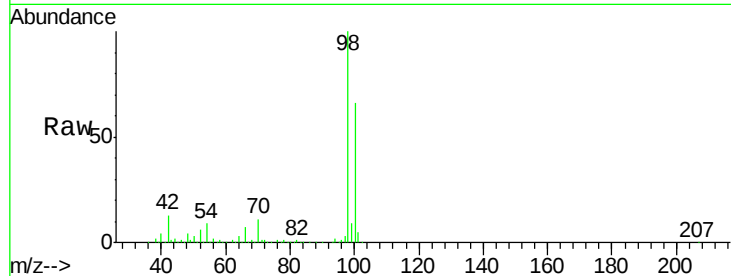




#51
 4-Methyl-2-Pentanone
 Concen: 1.109 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. 0.10 min
 Lab File: VY002104.D
 Acq: 27 Mar 2020 14:46

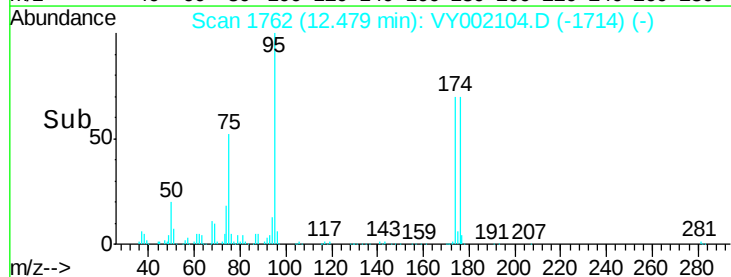
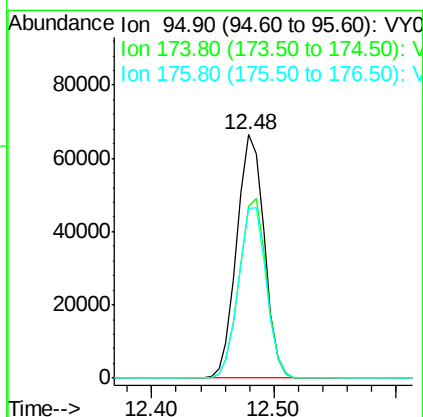
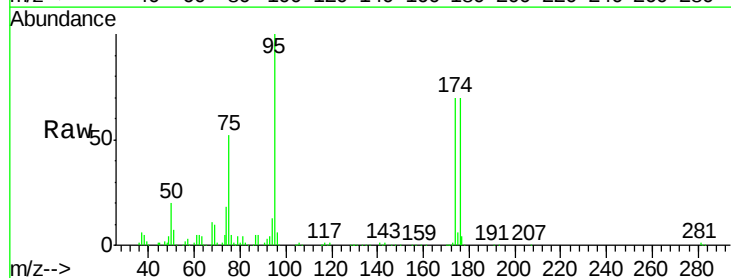
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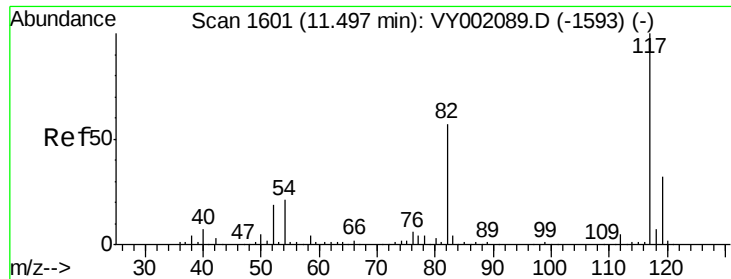
Tgt Ion: 43 Resp: 1494
 Ion Ratio Lower Upper
 43 100
 58 168.3 31.6 47.4#



#62
 4-Bromofluorobenzene
 Concen: 51.399 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: VY002104.D
 Acq: 27 Mar 2020 14:46

Tgt Ion: 95 Resp: 103176
 Ion Ratio Lower Upper
 95 100
 174 73.8 0.0 143.4
 176 71.1 0.0 137.0

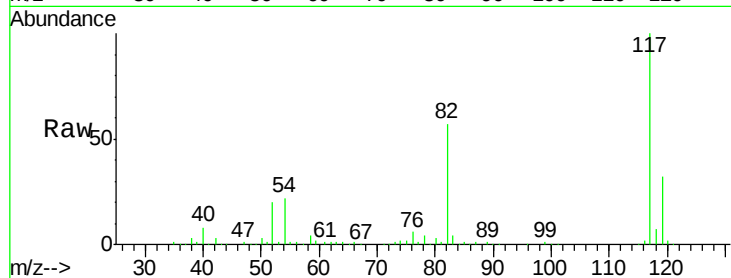




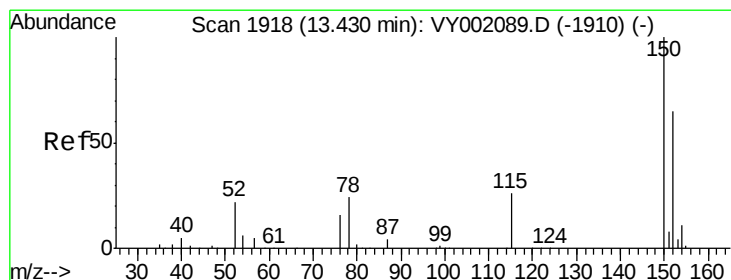
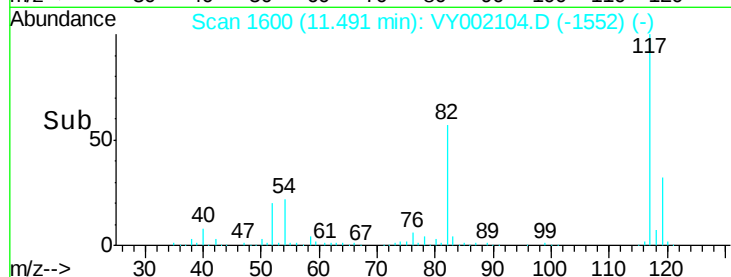
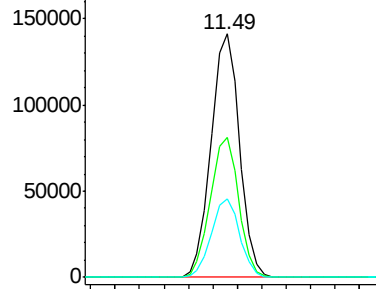
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002104.D
Acq: 27 Mar 2020 14:46

Instrument :
MSVOA_Y
ClientSampleId :
SB-1-(1-3)

Tgt Ion:117 Resp: 227685
Ion Ratio Lower Upper
117 100
82 57.4 45.4 68.2
119 32.4 25.3 37.9

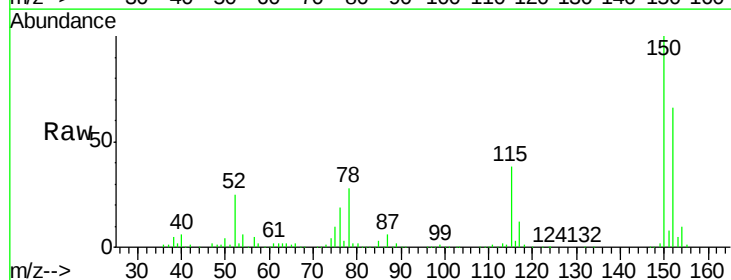


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

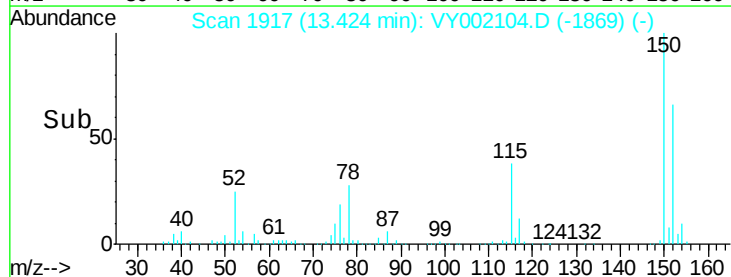
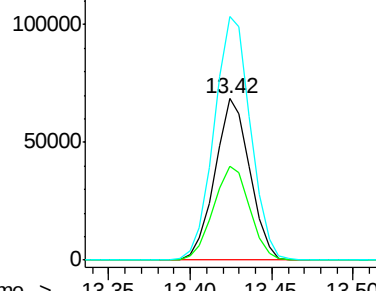


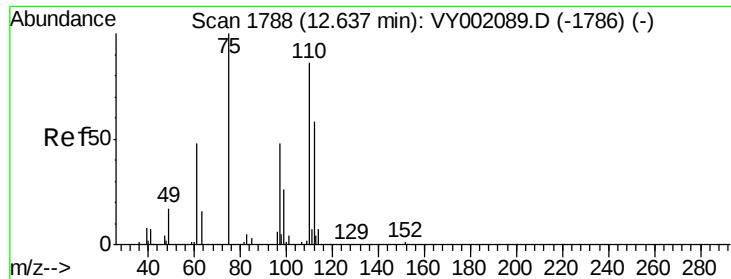
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY002104.D
Acq: 27 Mar 2020 14:46

Tgt Ion:152 Resp: 102219
Ion Ratio Lower Upper
152 100
115 60.5 31.2 93.6
150 157.1 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: 47.005 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.16 min

Lab File: VY002104.D

Acq: 27 Mar 2020 14:46

Instrument :

MSVOA_Y

ClientSampleId :

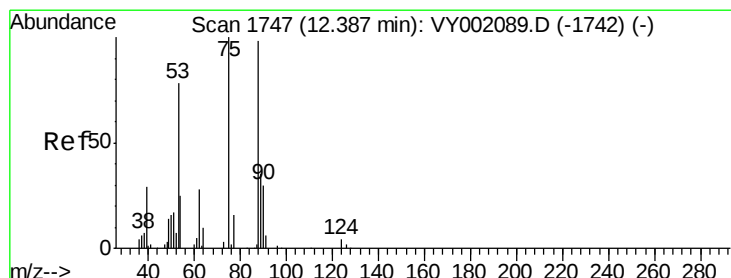
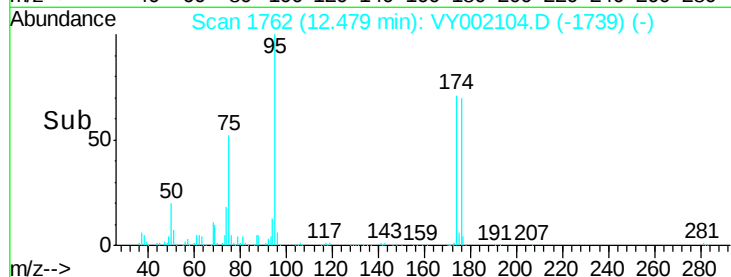
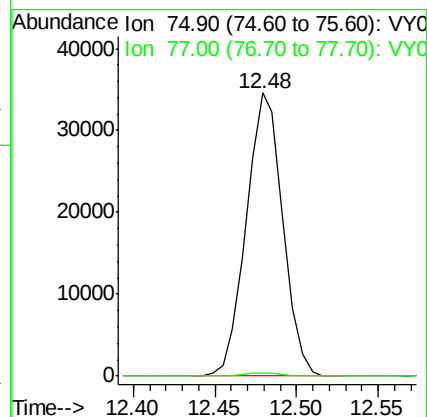
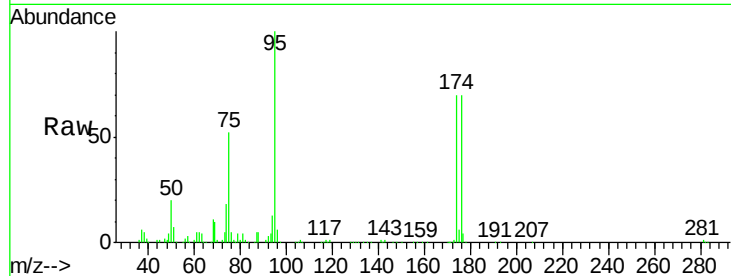
SB-1-(1-3)

Tgt Ion: 75 Resp: 53746

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 91.065 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.09 min

Lab File: VY002104.D

Acq: 27 Mar 2020 14:46

Tgt Ion: 75 Resp: 53746

Ion Ratio Lower Upper

75 100

53 0.0 65.0 97.4#

89 0.0 33.4 50.0#

