

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY033120\
 Data File : VY002131.D
 Acq On : 31 Mar 2020 14:30
 Operator : SY/MD
 Sample : L2055-08
 Misc : 7.71G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-7-(1-3)

Quant Time: Mar 31 15:01:23 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	126332	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	249823	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	228222	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	93769	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	81332	58.24	ug/l	0.00
Spiked Amount			Recovery	=	116.48%	
35) Dibromofluoromethane	7.75	113	74791	53.43	ug/l	0.01
Spiked Amount			Recovery	=	106.86%	
50) Toluene-d8	10.19	98	302380	52.00	ug/l	0.00
Spiked Amount			Recovery	=	104.00%	
62) 4-Bromofluorobenzene	12.49	95	99293	48.82	ug/l	0.00
Spiked Amount			Recovery	=	97.64%	

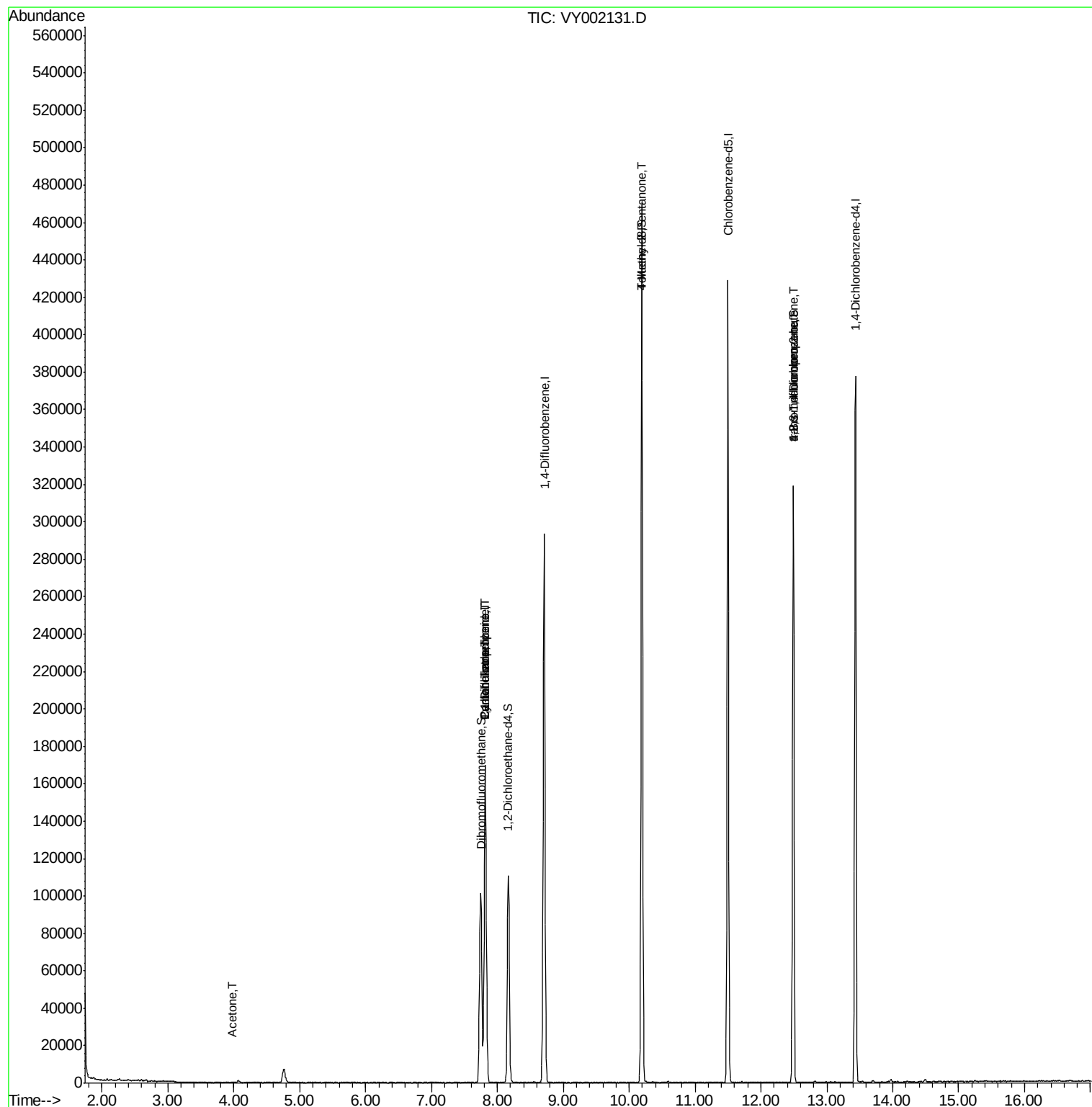
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.98	43	648	1.65	ug/l	# 73
20) Methylene Chloride	4.76	84	5399	Below Cal		# 91
31) Cyclohexane	7.81	56	3079	1.06	ug/l	# 9
36) 1,1-Dichloropropene	7.81	75	10651	4.51	ug/l	# 49
38) Carbon Tetrachloride	7.82	117	13160	6.56	ug/l	# 17
51) 4-Methyl-2-Pentanone	10.19	43	1567	1.15	ug/l	# 1
76) 1,2,3-Trichloropropane	12.49	75	50914	48.54	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.49	75	50914	94.04	ug/l	# 17

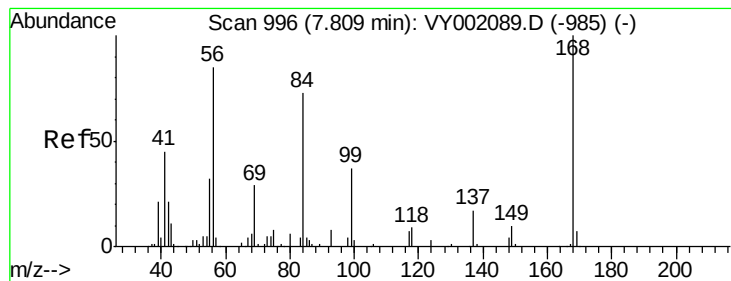
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 27 07:11:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002131.D

Acq: 31 Mar 2020 14:30

Instrument :

MSVOA_Y

ClientSampleId :

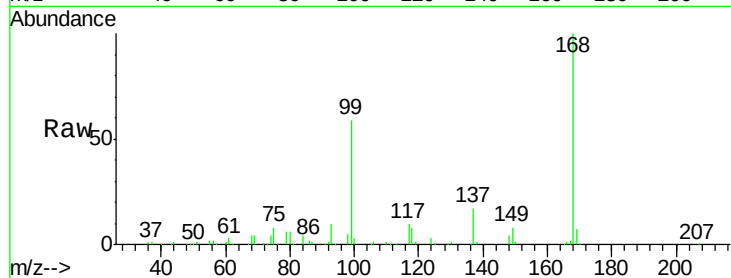
SB-7-(1-3)

Tgt Ion:168 Resp: 126332

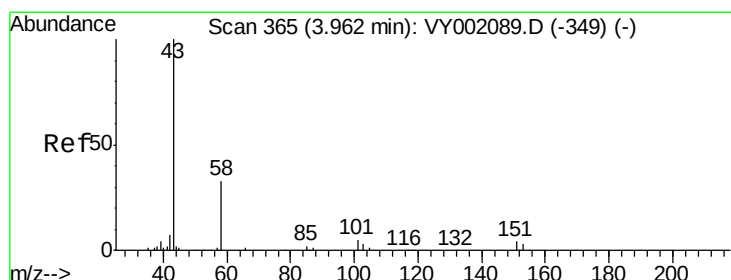
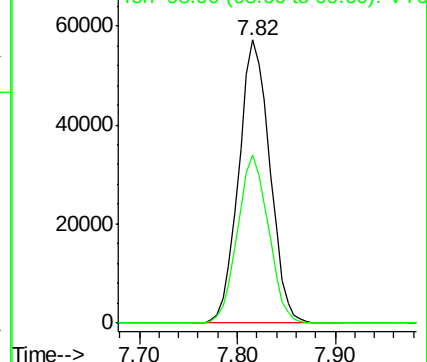
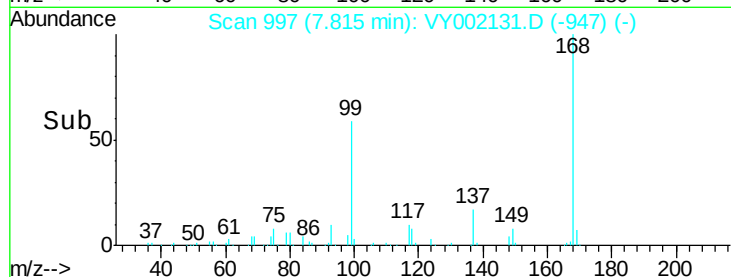
Ion Ratio Lower Upper

168 100

99 59.2 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002131.D (-947) (-)



#16

Acetone

Concen: 1.65 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.02 min

Lab File: VY002131.D

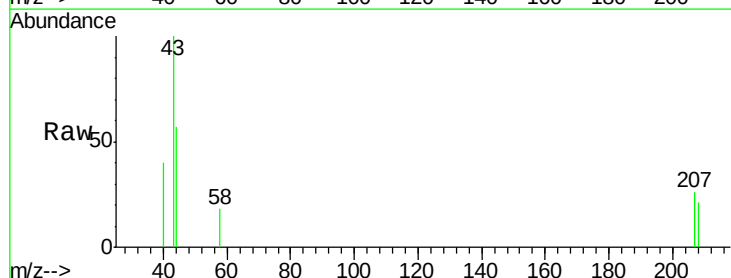
Acq: 31 Mar 2020 14:30

Tgt Ion: 43 Resp: 648

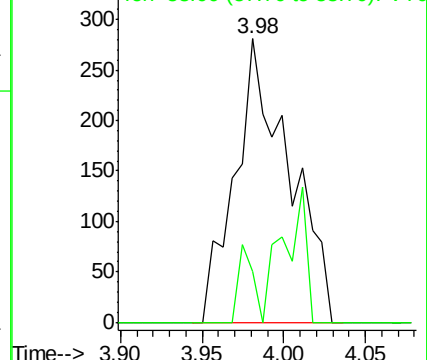
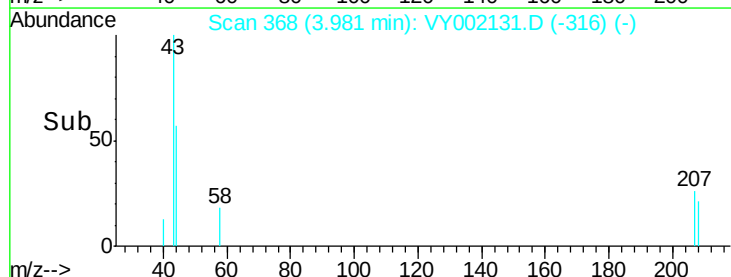
Ion Ratio Lower Upper

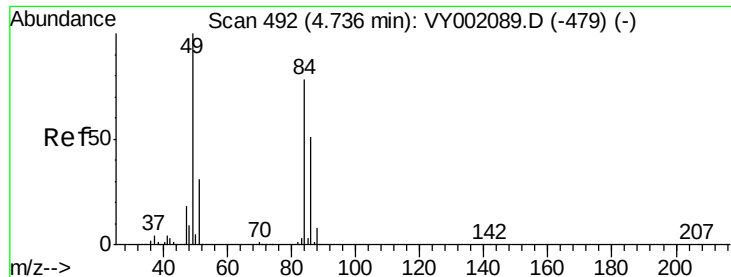
43 100

58 17.8 26.3 39.5#



Abundance Ion 43.00 (42.70 to 43.70): VY002131.D (-316) (-)

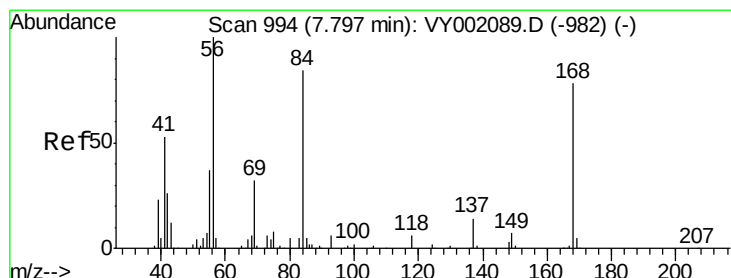
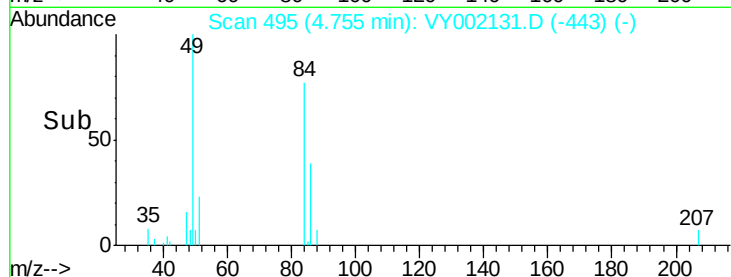
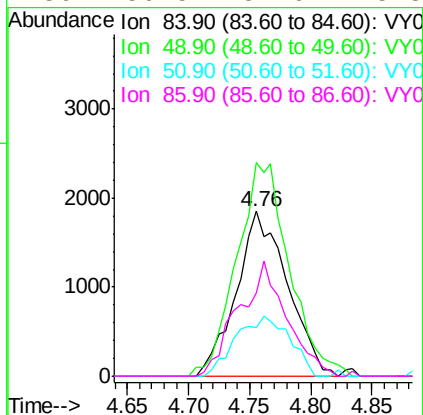
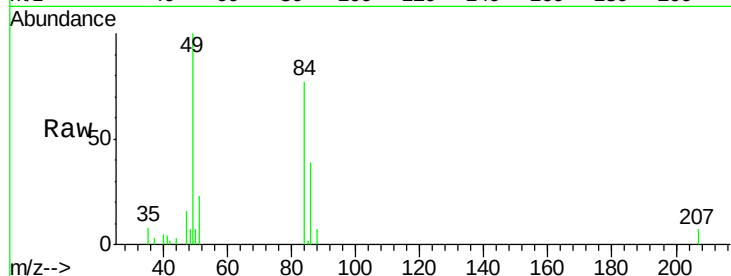




#20
Methylene Chloride
Concen: Below Cal
RT: 4.76 min Scan# 495
Delta R.T. 0.02 min
Lab File: VY002131.D
Acq: 31 Mar 2020 14:30

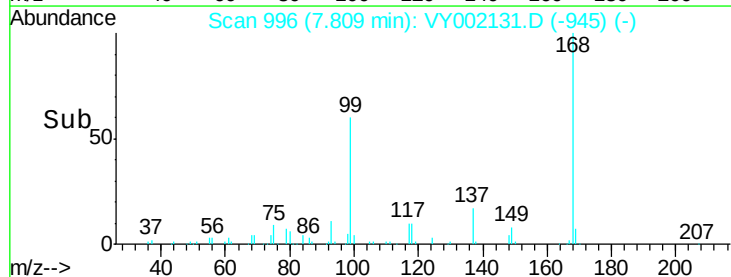
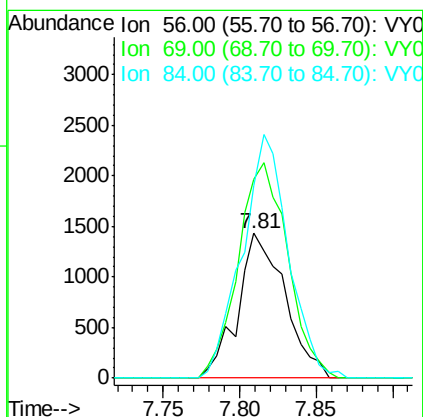
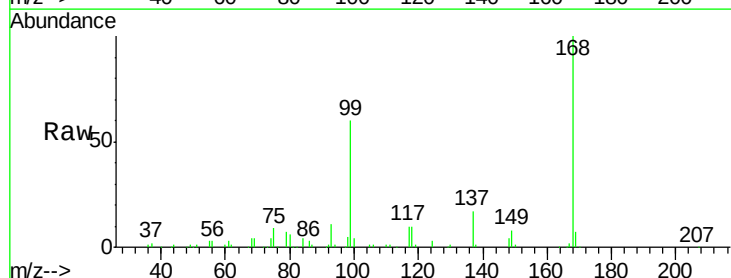
Instrument :
MSVOA_Y
ClientSampleId :
SB-7-(1-3)

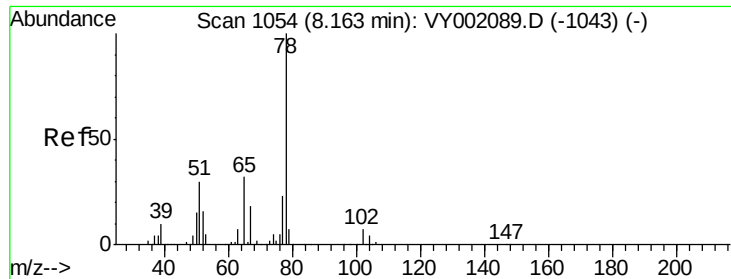
Tgt Ion: 84 Resp: 5399
Ion Ratio Lower Upper
84 100
49 129.7 102.2 153.4
51 29.5 31.2 46.8#
86 50.5 52.6 78.8#



#31
Cyclohexane
Concen: 1.06 ug/l
RT: 7.81 min Scan# 996
Delta R.T. 0.01 min
Lab File: VY002131.D
Acq: 31 Mar 2020 14:30

Tgt Ion: 56 Resp: 3079
Ion Ratio Lower Upper
56 100
69 137.3 25.8 38.8#
84 132.7 67.1 100.7#

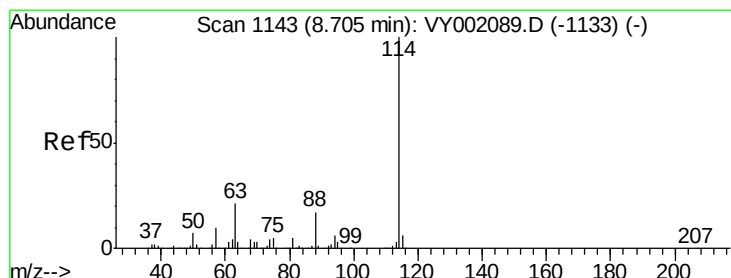
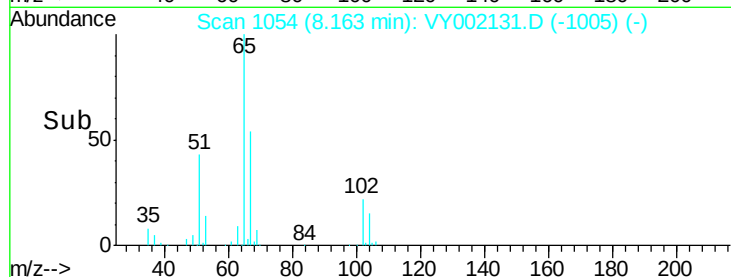
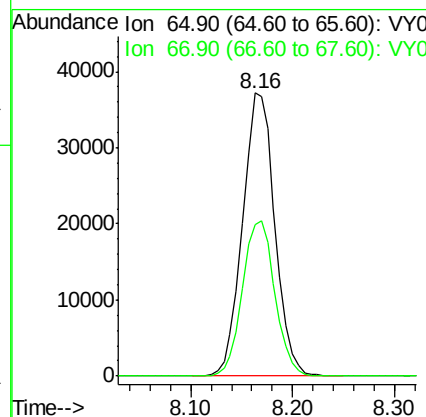
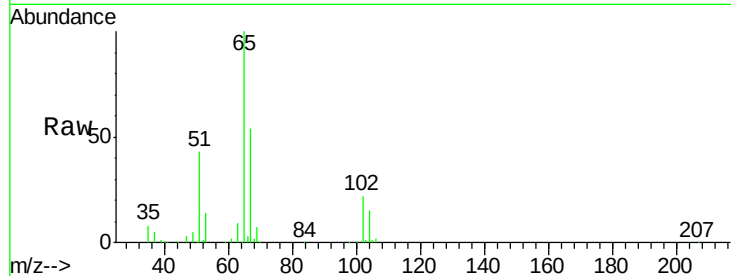




#33
 1,2-Dichloroethane-d4
 Concen: 58.24 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: VY002131.D
 Acq: 31 Mar 2020 14:30

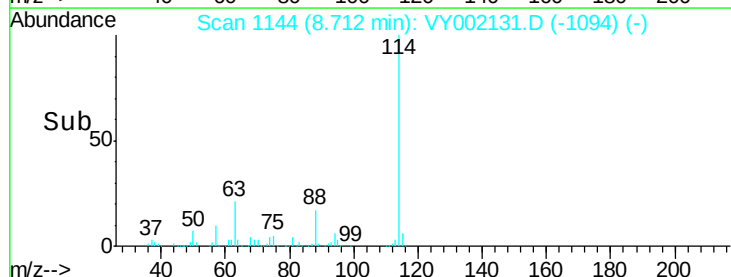
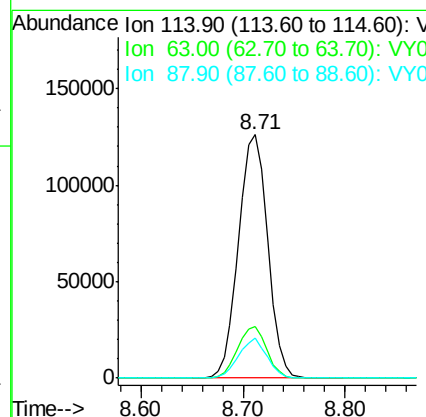
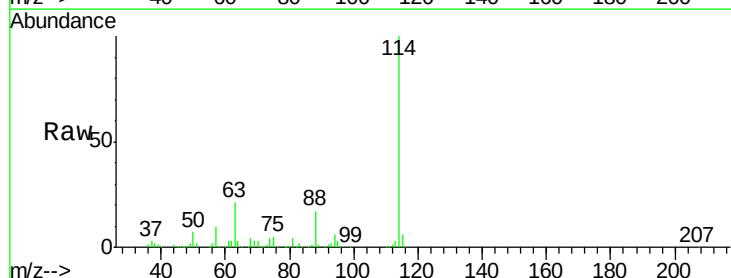
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-7-(1-3)

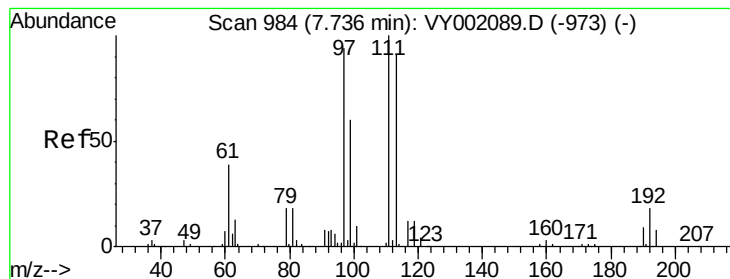
Tgt Ion: 65 Resp: 81332
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY002131.D
 Acq: 31 Mar 2020 14:30

Tgt Ion: 114 Resp: 249823
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 41.4
 88 16.6 0.0 33.0





#35

Dibromofluoromethane

Concen: 53.43 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.01 min

Lab File: VY002131.D

Acq: 31 Mar 2020 14:30

Instrument :

MSVOA_Y

ClientSampleId :

SB-7-(1-3)

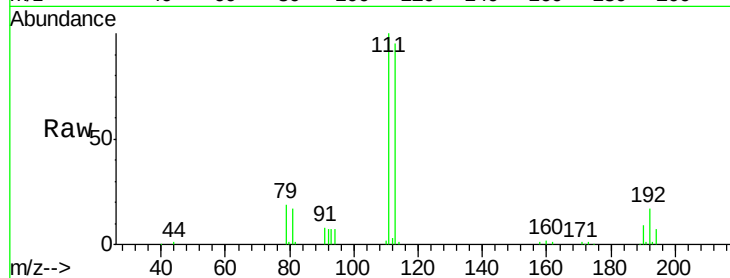
Tgt Ion:113 Resp: 74791

Ion Ratio Lower Upper

113 100

111 103.0 84.4 126.6

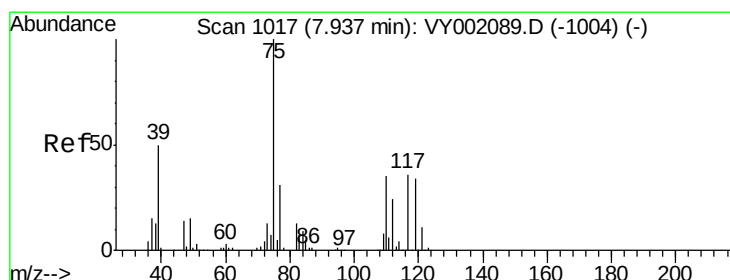
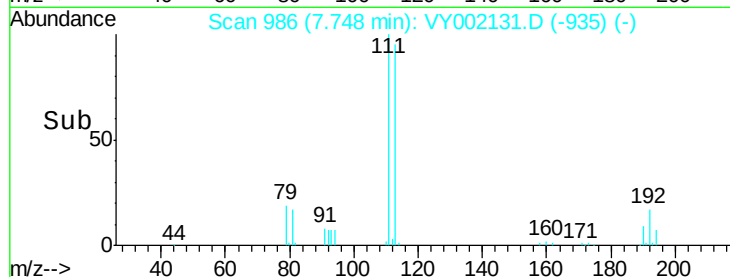
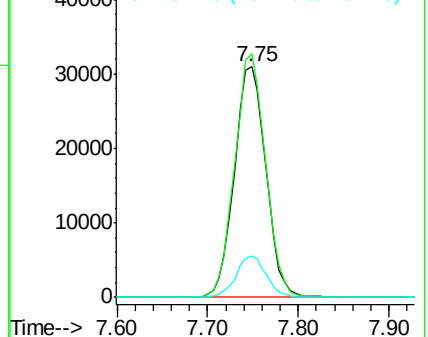
192 17.2 14.6 21.8



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



#36

1,1-Dichloropropene

Concen: 4.51 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.13 min

Lab File: VY002131.D

Acq: 31 Mar 2020 14:30

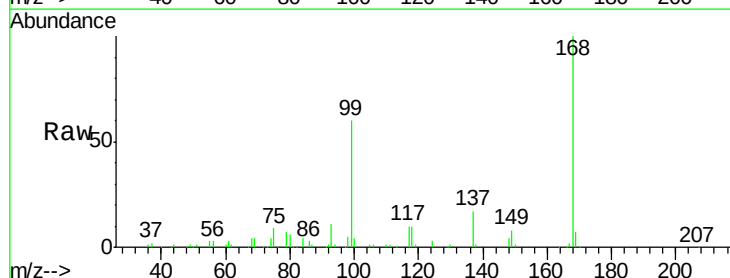
Tgt Ion: 75 Resp: 10651

Ion Ratio Lower Upper

75 100

110 8.0 17.2 51.6#

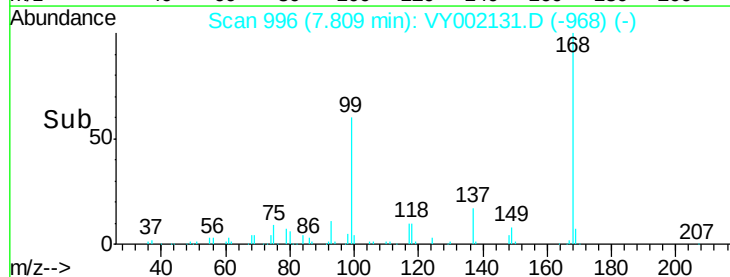
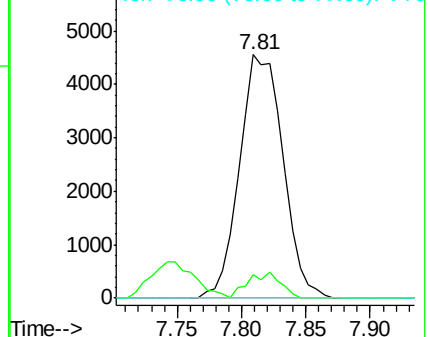
77 0.0 24.7 37.1#

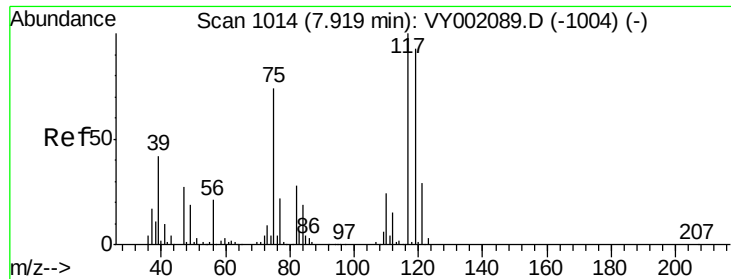


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

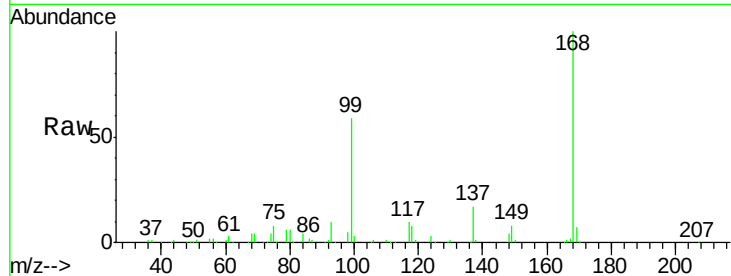




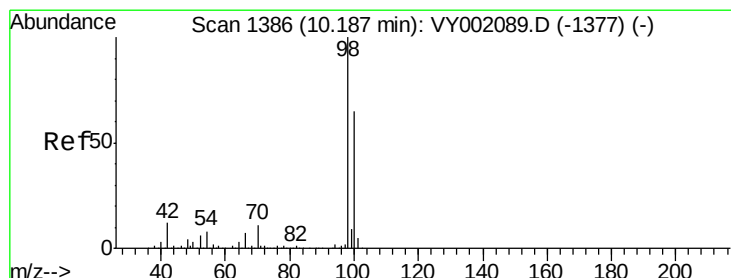
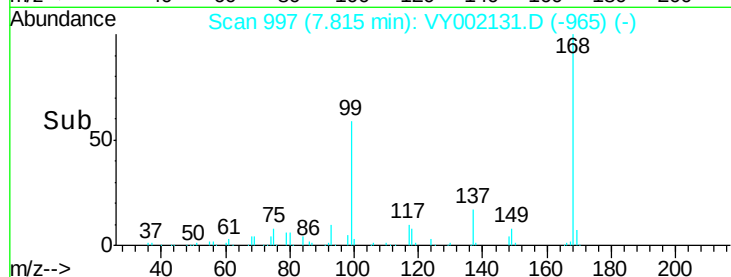
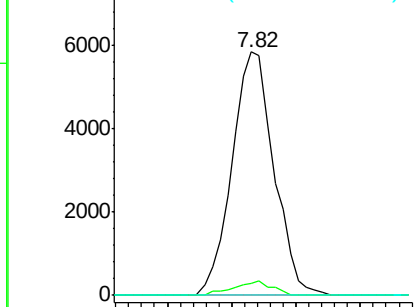
#38
Carbon Tetrachloride
Concen: 6.56 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.10 min
Lab File: VY002131.D
Acq: 31 Mar 2020 14:30

Instrument :
MSVOA_Y
ClientSampleId :
SB-7-(1-3)

Tgt Ion:117 Resp: 13160
Ion Ratio Lower Upper
117 100
119 5.0 74.3 111.5#
121 0.0 23.3 34.9#

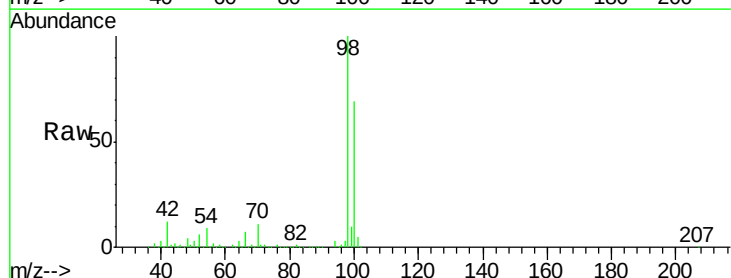


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

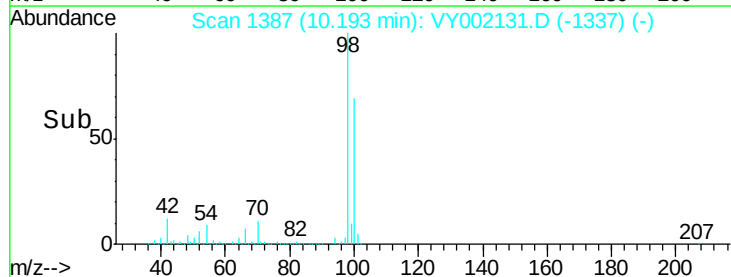
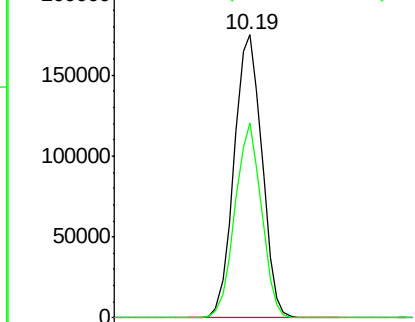


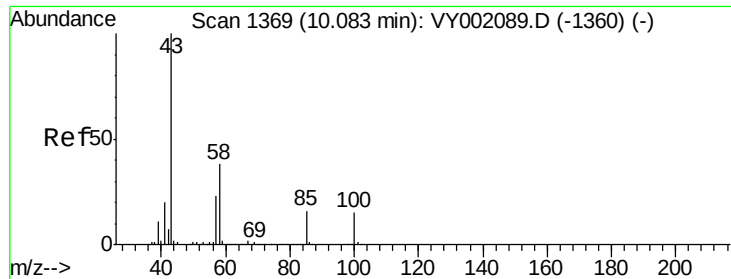
#50
Toluene-d8
Concen: 52.00 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY002131.D
Acq: 31 Mar 2020 14:30

Tgt Ion: 98 Resp: 302380
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: 1.15 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.11 min

Lab File: VY002131.D

Acq: 31 Mar 2020 14:30

Instrument :

MSVOA_Y

ClientSampleId :

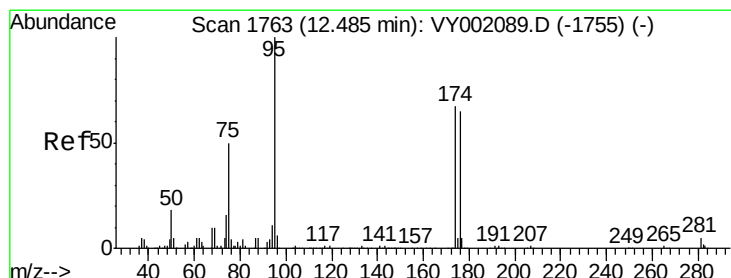
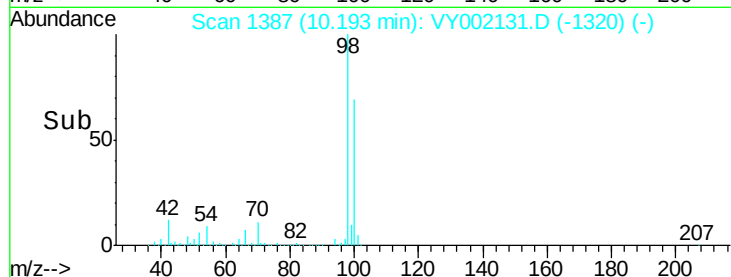
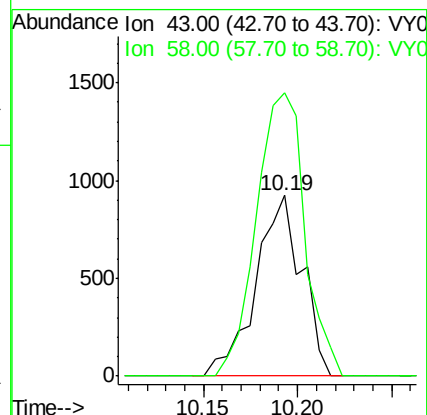
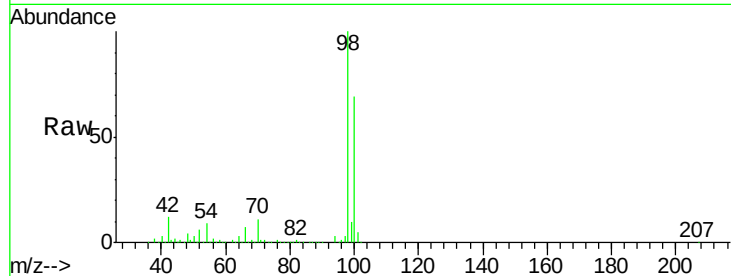
SB-7-(1-3)

Tgt Ion: 43 Resp: 1567

Ion Ratio Lower Upper

43 100

58 164.5 31.6 47.4#



#62

4-Bromofluorobenzene

Concen: 48.82 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002131.D

Acq: 31 Mar 2020 14:30

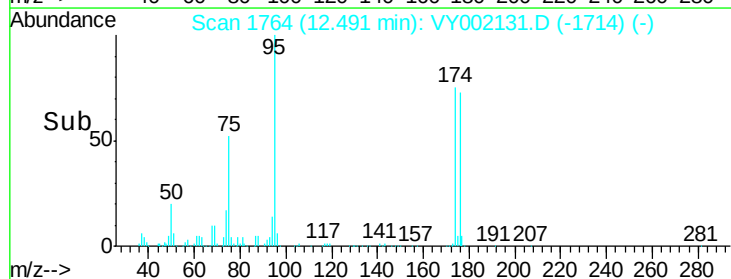
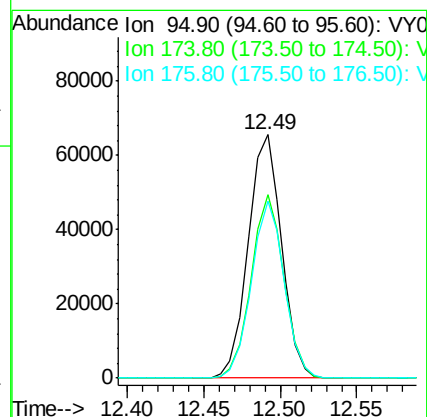
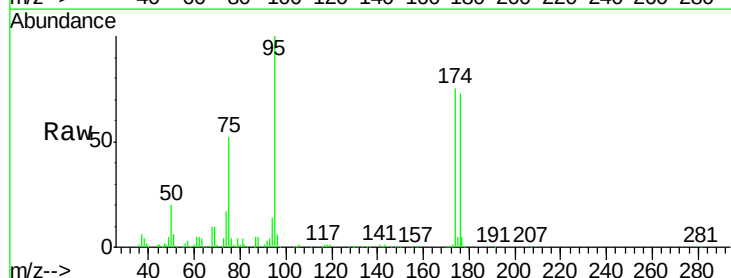
Tgt Ion: 95 Resp: 99293

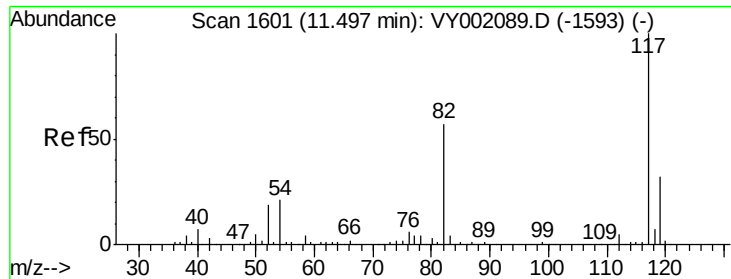
Ion Ratio Lower Upper

95 100

174 74.0 0.0 143.4

176 71.5 0.0 137.0

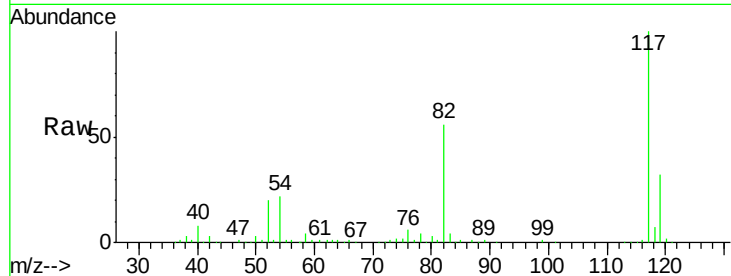




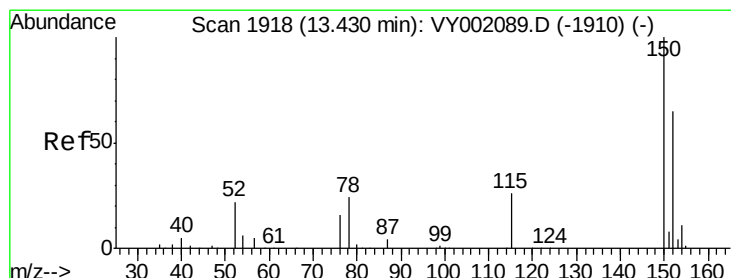
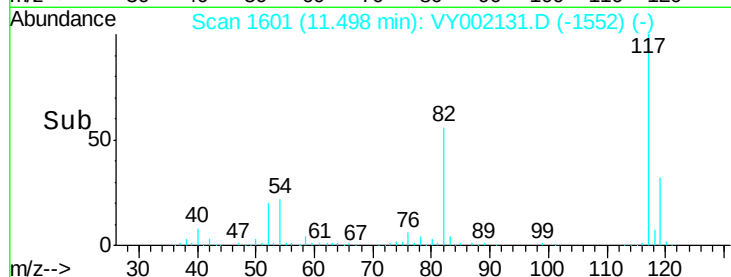
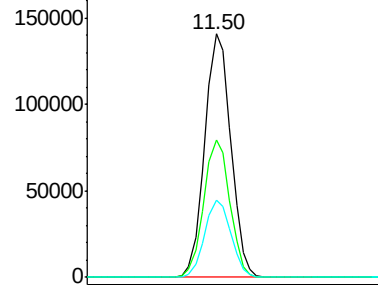
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002131.D
Acq: 31 Mar 2020 14:30

Instrument :
MSVOA_Y
ClientSampleId :
SB-7-(1-3)

Tgt Ion:117 Resp: 228222
Ion Ratio Lower Upper
117 100
82 56.3 45.4 68.2
119 31.9 25.3 37.9

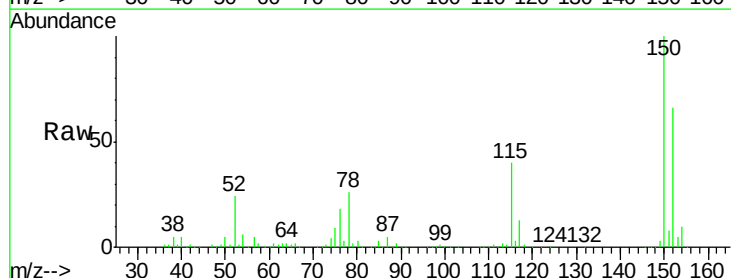


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

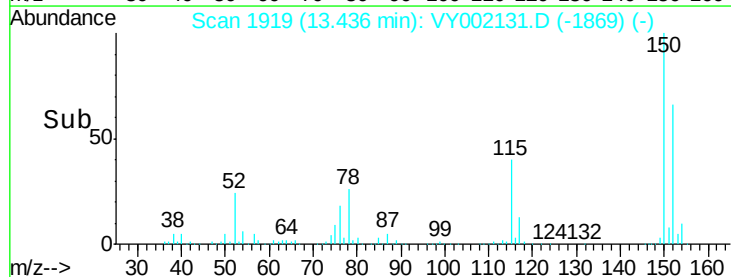
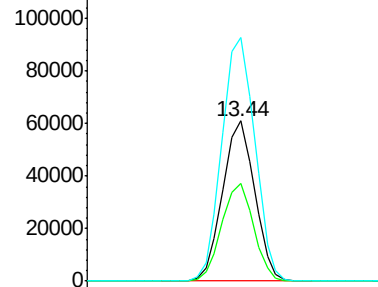


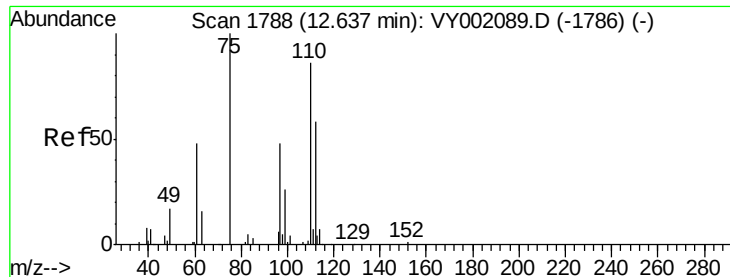
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002131.D
Acq: 31 Mar 2020 14:30

Tgt Ion:152 Resp: 93769
Ion Ratio Lower Upper
152 100
115 60.9 31.2 93.6
150 156.6 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: 48.54 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY002131.D

Acq: 31 Mar 2020 14:30

Instrument :

MSVOA_Y

ClientSampleId :

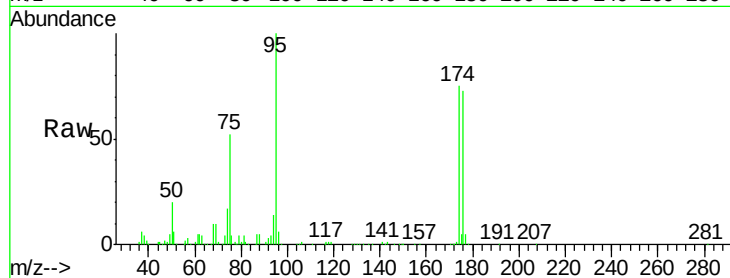
SB-7-(1-3)

Tgt Ion: 75 Resp: 50914

Ion Ratio Lower Upper

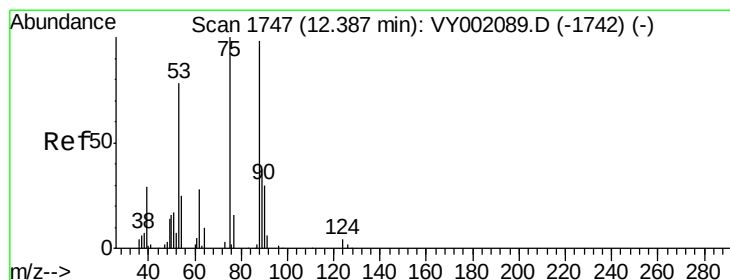
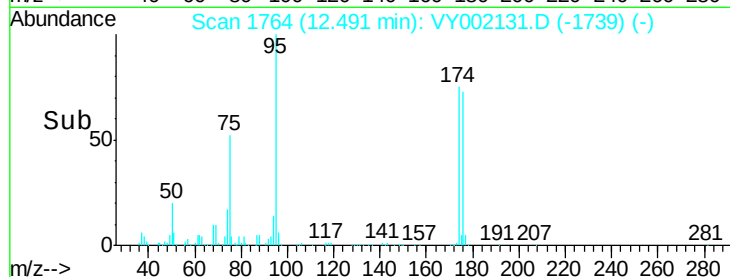
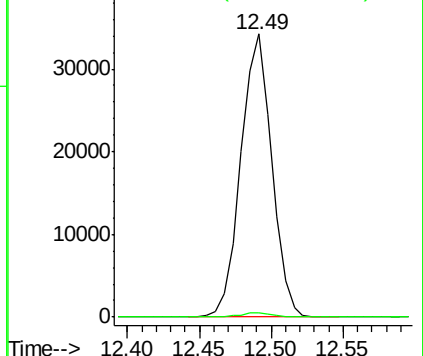
75 100

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: 94.04 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY002131.D

Acq: 31 Mar 2020 14:30

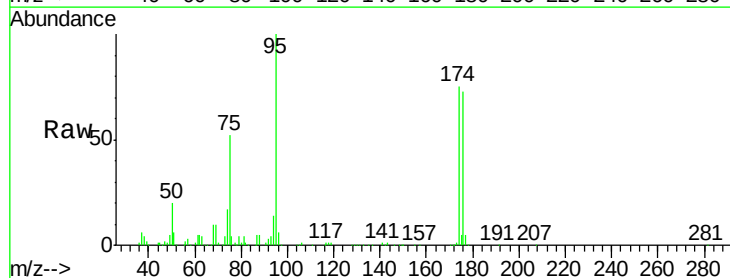
Tgt Ion: 75 Resp: 50914

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

