

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040220\
 Data File : VY002198.D
 Acq On : 02 Apr 2020 17:28
 Operator : SY/MD
 Sample : L2132-11
 Misc : 3.82G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 03 03:17:17 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

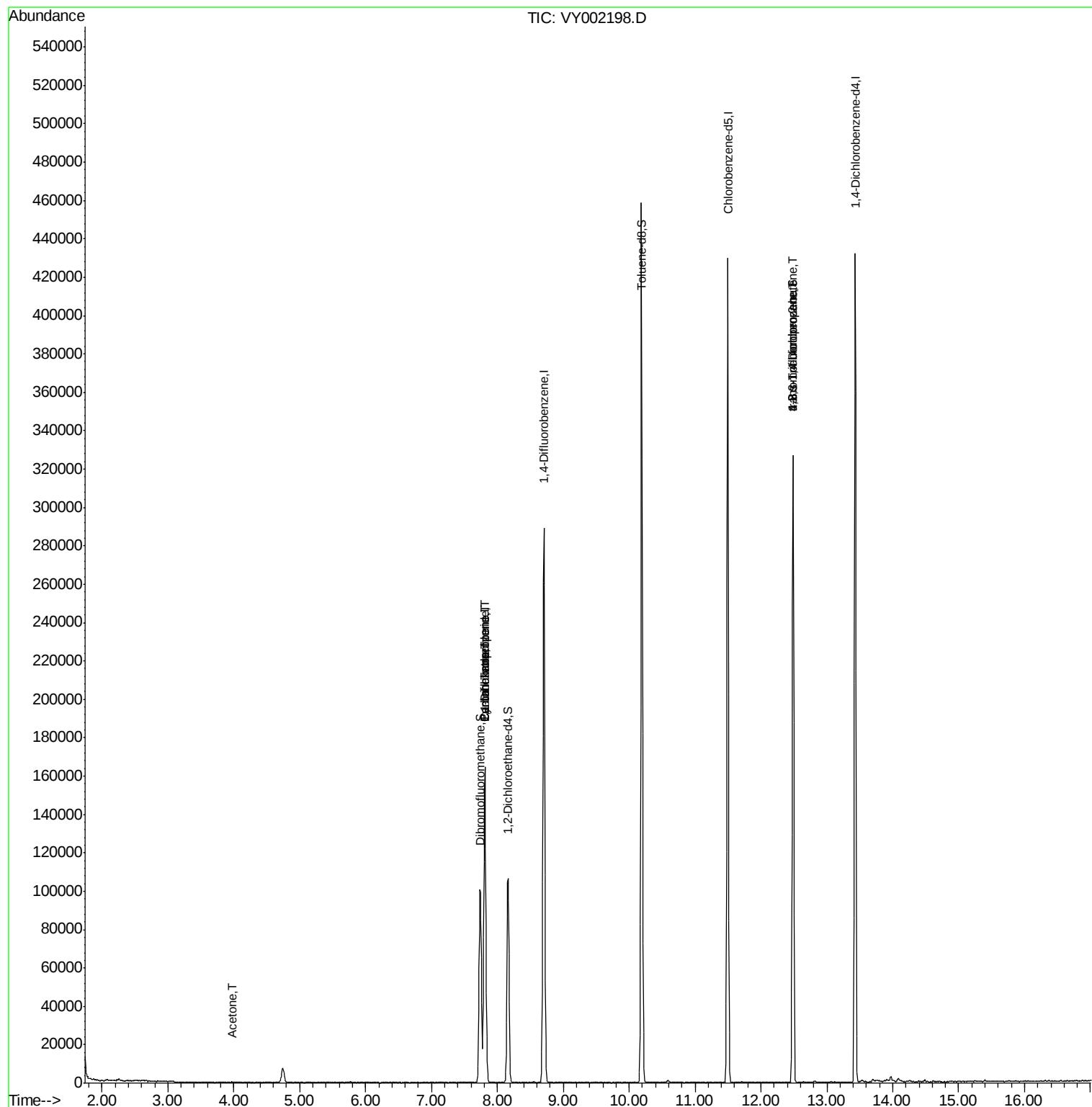
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	121308	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	242738	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	229342	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	101602	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	81035	60.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.86%	
35) Dibromofluoromethane	7.74	113	73006	53.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.36%	
50) Toluene-d8	10.19	98	296843	52.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.08%	
62) 4-Bromofluorobenzene	12.49	95	103076	52.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.32%	
Target Compounds				Qvalue		
16) Acetone	3.98	43	508	1.348	ug/l	94
20) Methylene Chloride	4.74	84	5436	Below Cal		95
31) Cyclohexane	7.81	56	3042	1.089	ug/l #	6
36) 1,1-Dichloropropene	7.80	75	10750	4.682	ug/l #	49
38) Carbon Tetrachloride	7.81	117	12529	6.432	ug/l #	17
76) 1,2,3-Trichloropropane	12.49	75	55317	48.673	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	55317	94.296	ug/l #	17

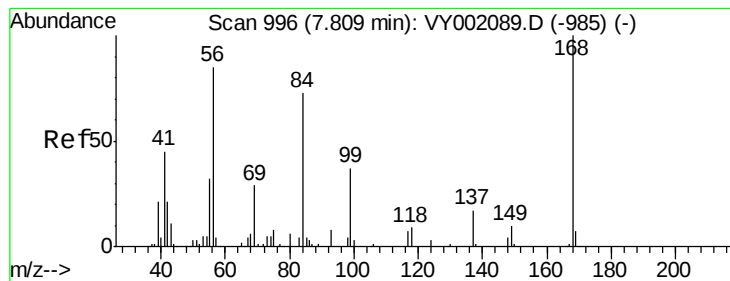
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 27 07:11:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY002198.D

Acq: 02 Apr 2020 17:28

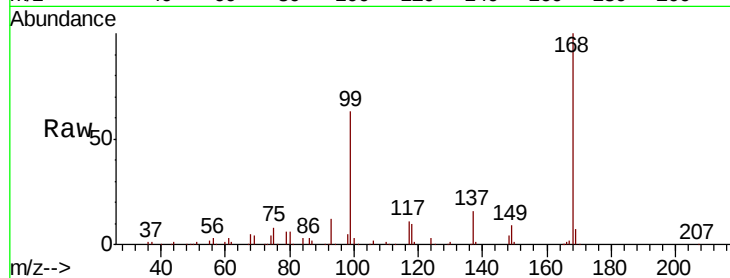
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 121308

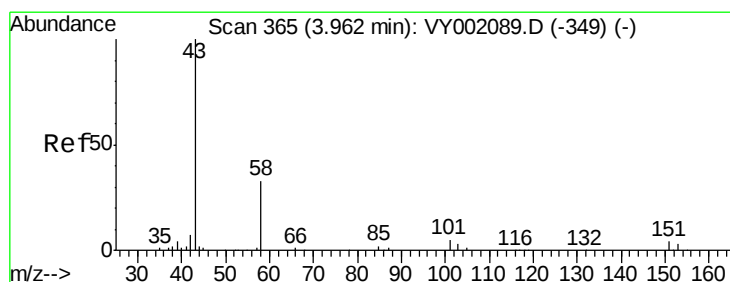
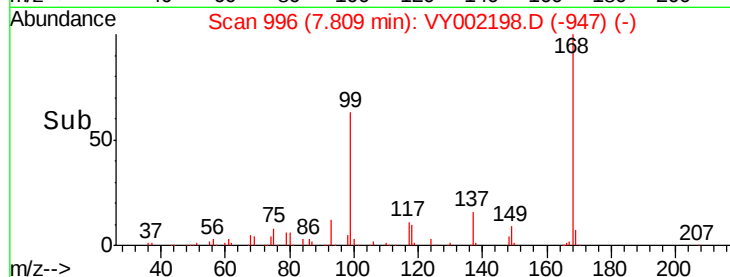
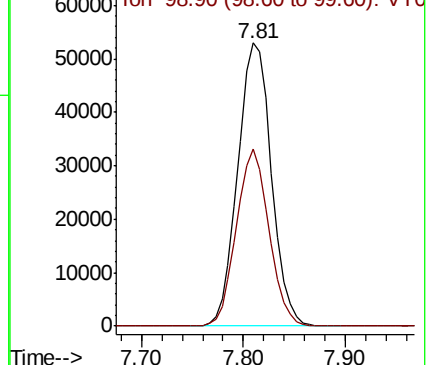
Ion Ratio Lower Upper

168 100

99 62.6 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002198.D (-947) (-)



#16

Acetone

Concen: 1.348 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.02 min

Lab File: VY002198.D

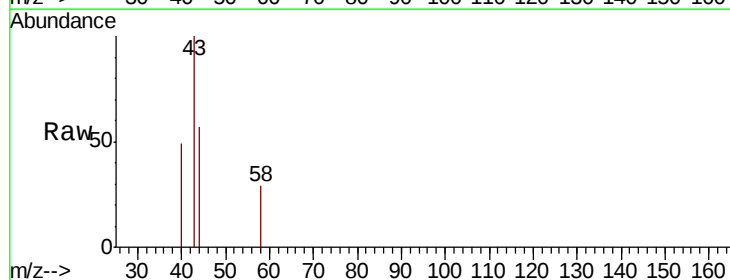
Acq: 02 Apr 2020 17:28

Tgt Ion: 43 Resp: 508

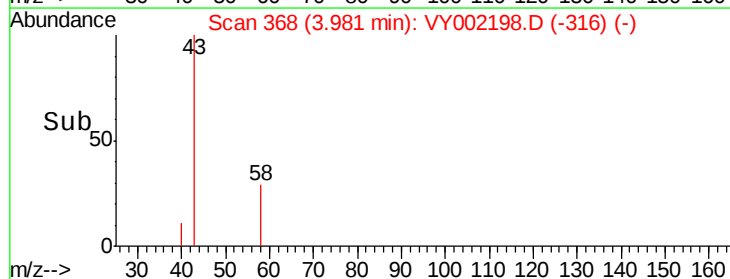
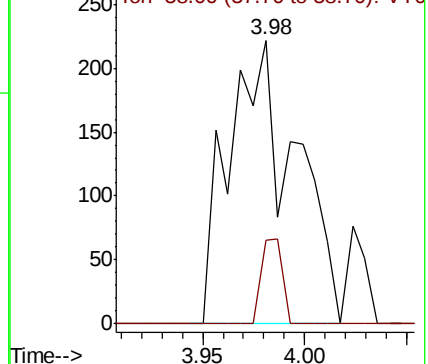
Ion Ratio Lower Upper

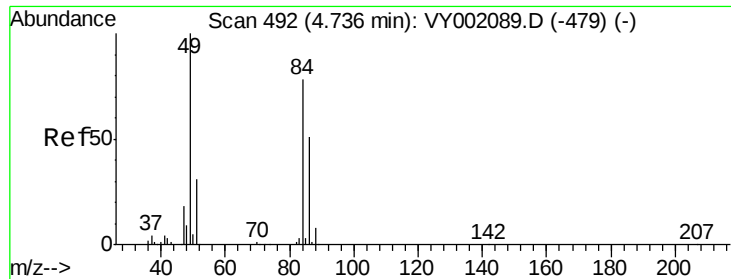
43 100

58 29.3 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VY002198.D (-316) (-)

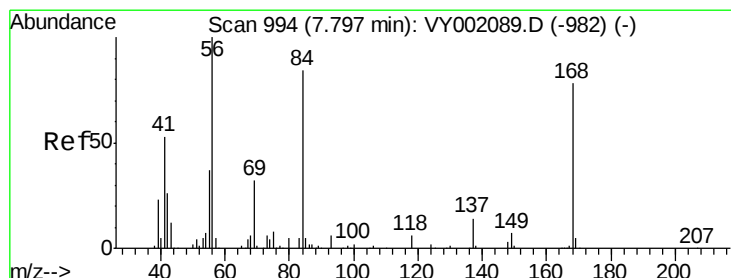
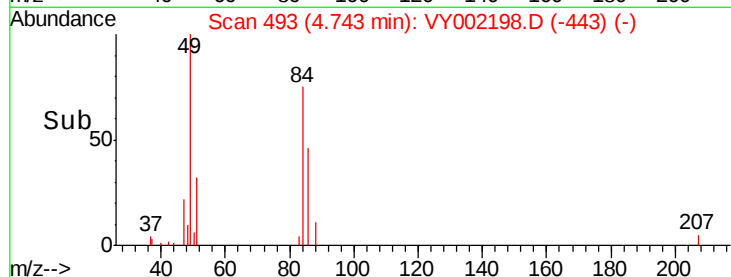
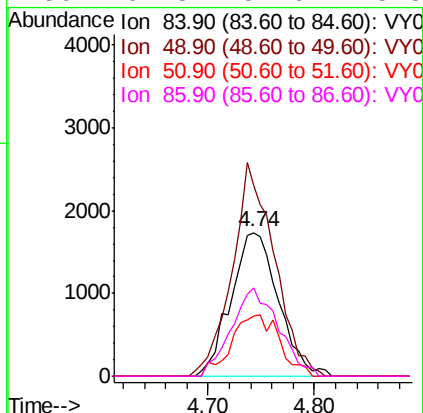
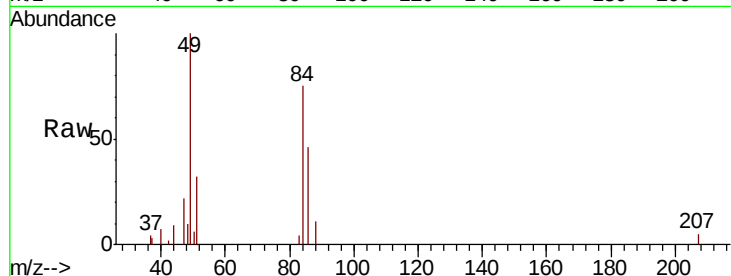




#20
Methylene Chloride
Concen: Below Cal
RT: 4.74 min Scan# 493
Delta R.T. 0.01 min
Lab File: VY002198.D
Acq: 02 Apr 2020 17:28

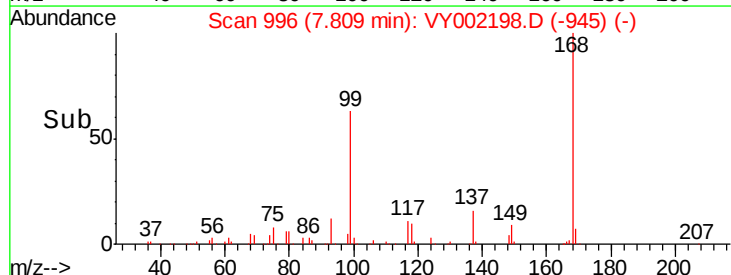
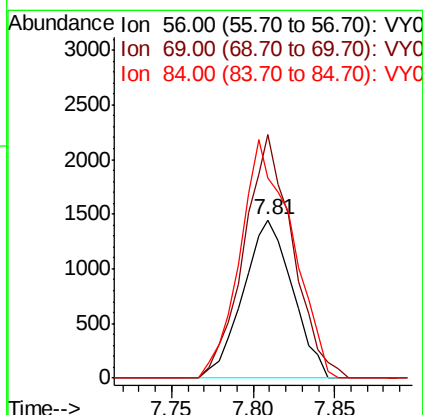
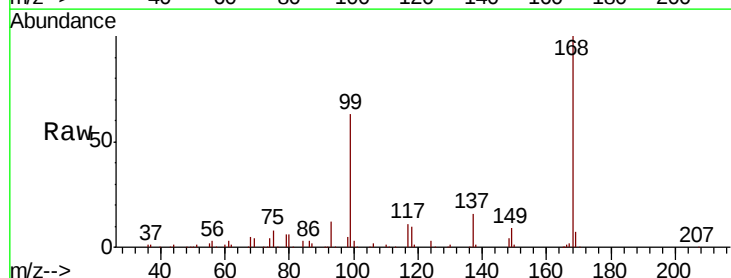
Instrument :
MSVOA_Y
ClientSampleId :

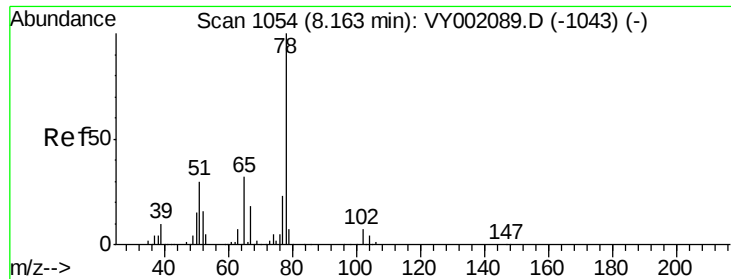
Tot Ion:	84	Resp:	5436
Ion	Ratio	Lower	Upper
84	100		
49	133.2	102.2	153.4
51	42.2	31.2	46.8
86	61.8	52.6	78.8



#31
Cyclohexane
Concen: 1.089 ug/l
RT: 7.81 min Scan# 996
Delta R.T. 0.01 min
Lab File: VY002198.D
Acq: 02 Apr 2020 17:28

Tgt Ion:	56	Resp:	3042
Ion	Ratio	Lower	Upper
56	100		
69	153.7	25.8	38.8#
84	125.9	67.1	100.7#

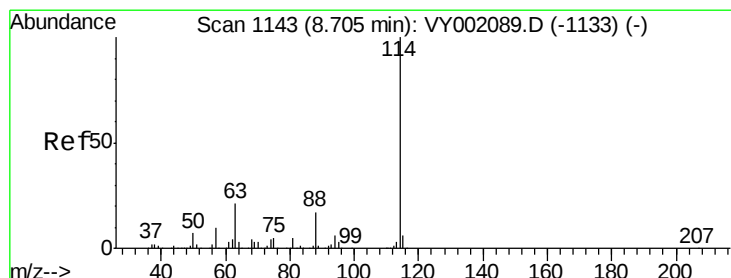
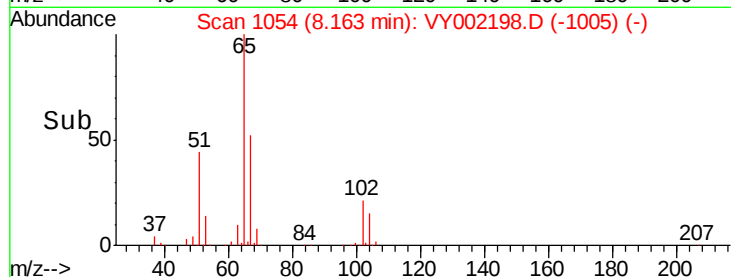
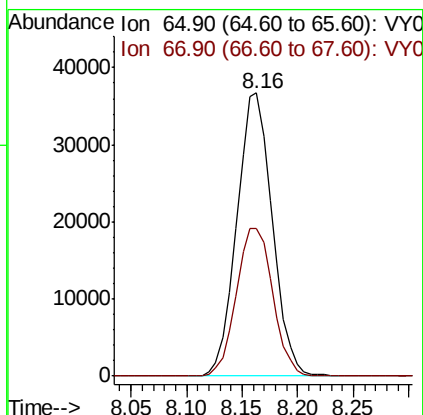
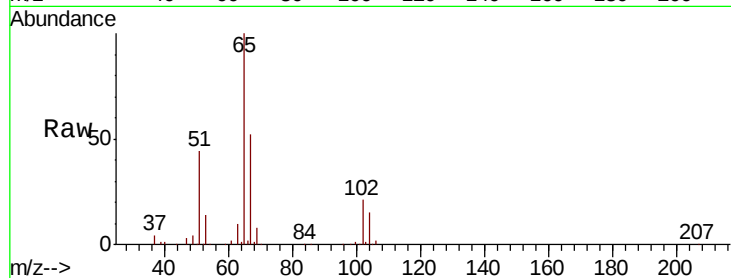




#33
 1,2-Dichloroethane-d4
 Concen: 60.428 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: VY002198.D
 Acq: 02 Apr 2020 17:28

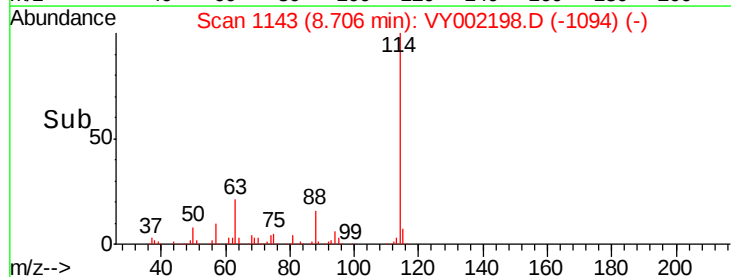
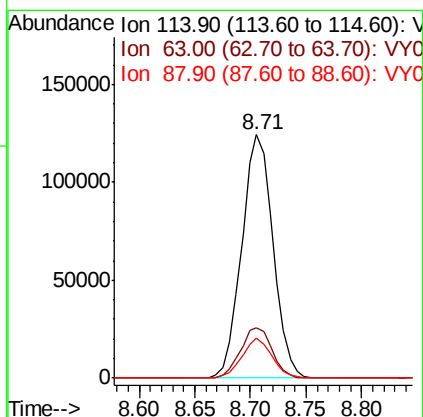
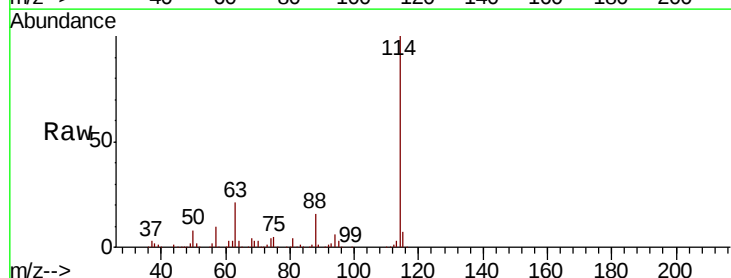
Instrument :
 MSVOA_Y
 ClientSampled :

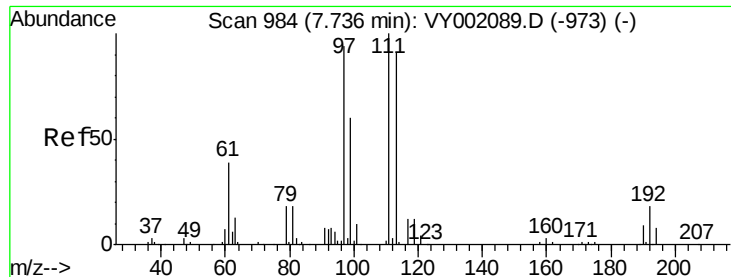
Tot Ion: 65 Resp: 81035
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY002198.D
 Acq: 02 Apr 2020 17:28

Tgt Ion: 114 Resp: 242738
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 41.4
 88 16.3 0.0 33.0

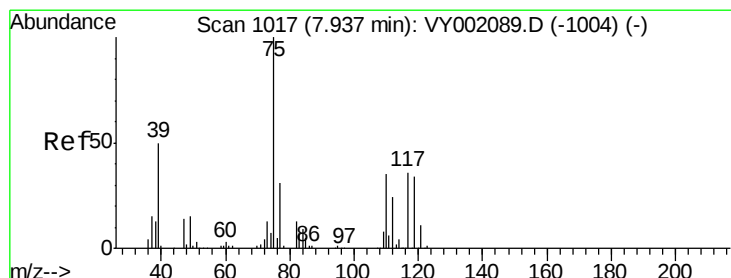
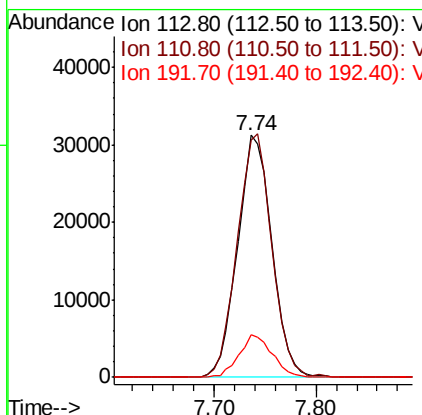
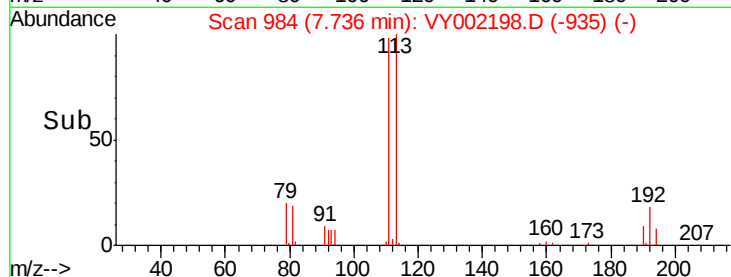
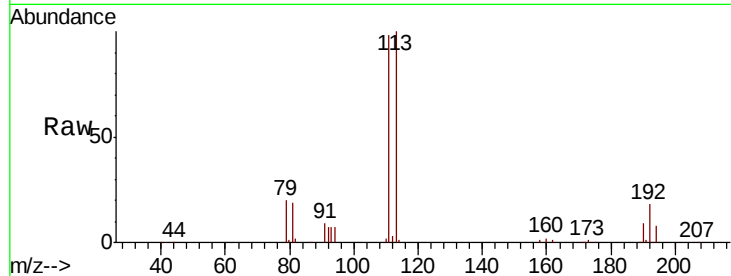




#35
 Dibromofluoromethane
 Concen: 53.677 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.00 min
 Lab File: VY002198.D
 Acq: 02 Apr 2020 17:28

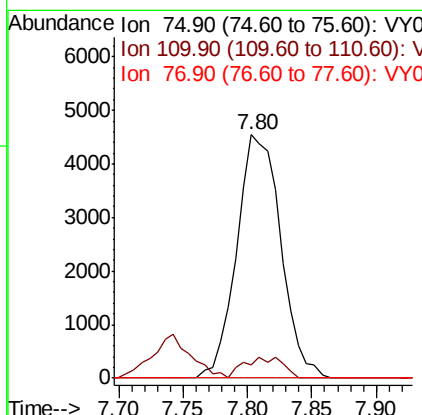
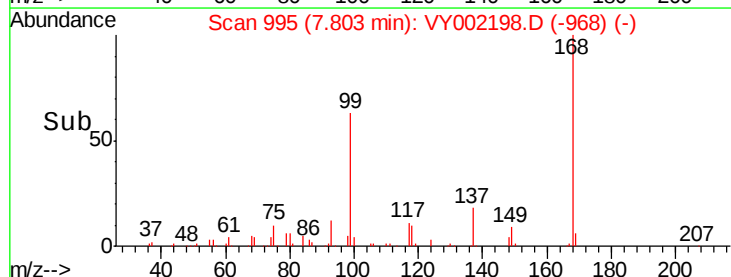
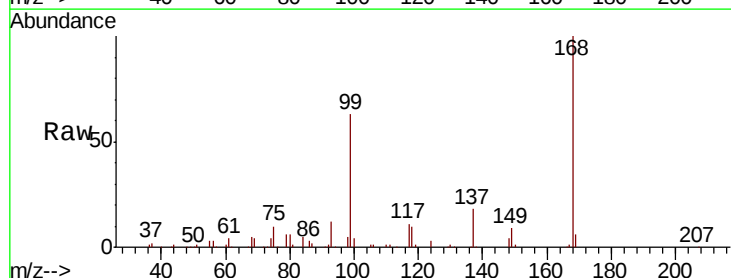
Instrument :
 MSVOA_Y
 ClientSampleId :

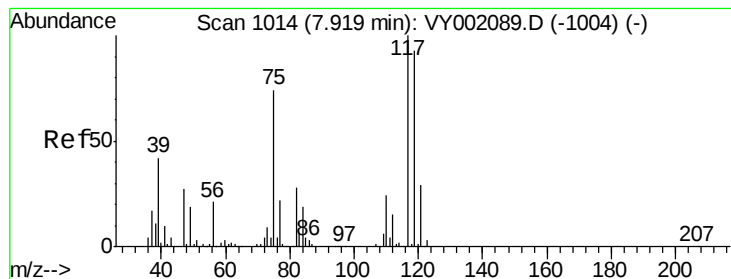
Tot Ion:113 Resp: 73006
 Ion Ratio Lower Upper
 113 100
 111 101.2 84.4 126.6
 192 16.9 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 4.682 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY002198.D
 Acq: 02 Apr 2020 17:28

Tgt Ion: 75 Resp: 10750
 Ion Ratio Lower Upper
 75 100
 110 7.6 17.2 51.6#
 77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.432 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.11 min

Lab File: VY002198.D

Acq: 02 Apr 2020 17:28

Instrument :

MSVOA_Y

ClientSampled :

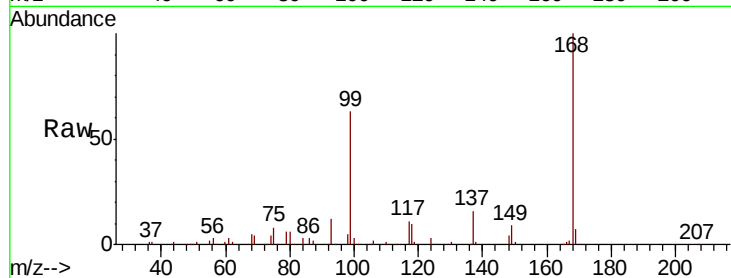
Tot Ion:117 Resp: 12529

Ion Ratio Lower Upper

117 100

119 4.8 74.3 111.5#

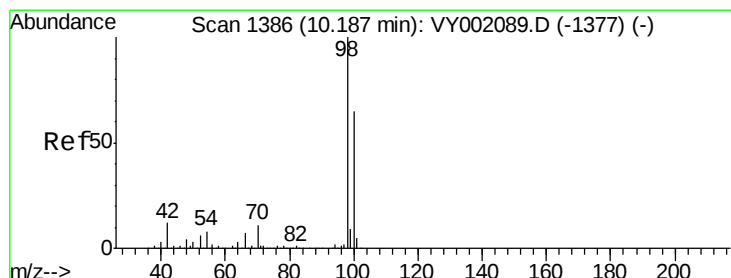
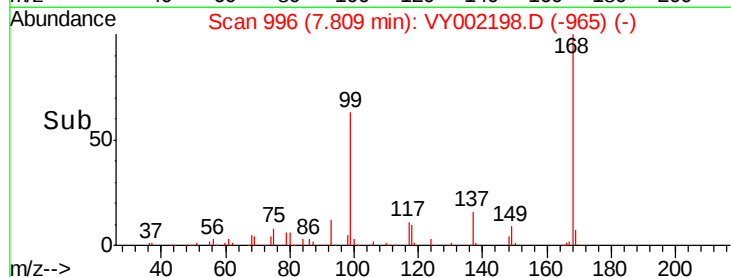
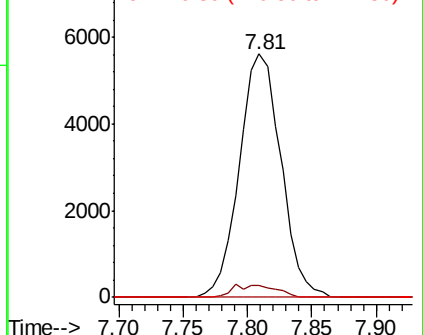
121 0.0 23.3 34.9#



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: 52.537 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY002198.D

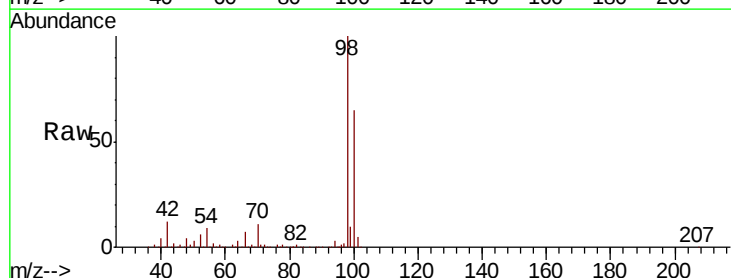
Acq: 02 Apr 2020 17:28

Tgt Ion: 98 Resp: 296843

Ion Ratio Lower Upper

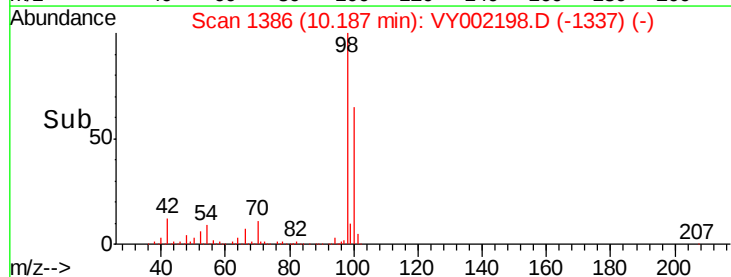
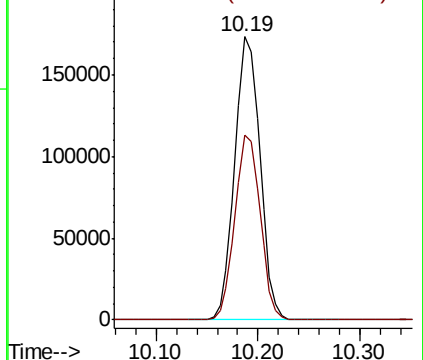
98 100

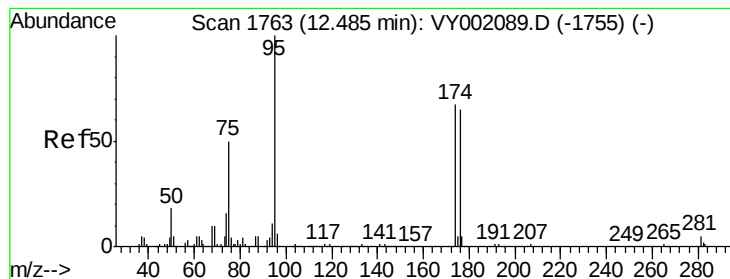
100 65.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 52.163 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY002198.D

Acq: 02 Apr 2020 17:28

Instrument :

MSVOA_Y

ClientSampleId :

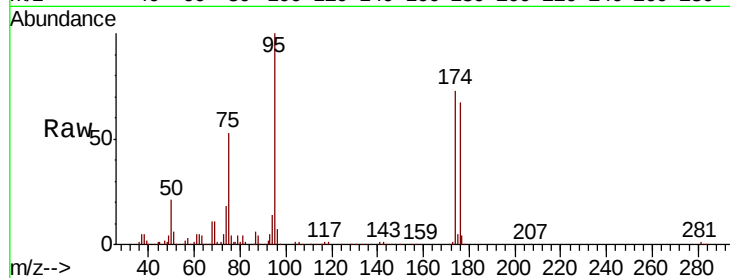
Tot Ion: 95 Resp: 103076

Ion Ratio Lower Upper

95 100

174 74.5 0.0 143.4

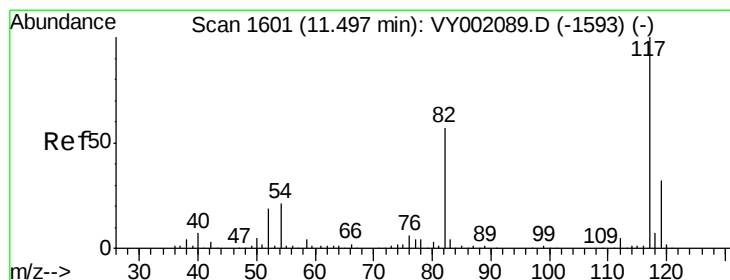
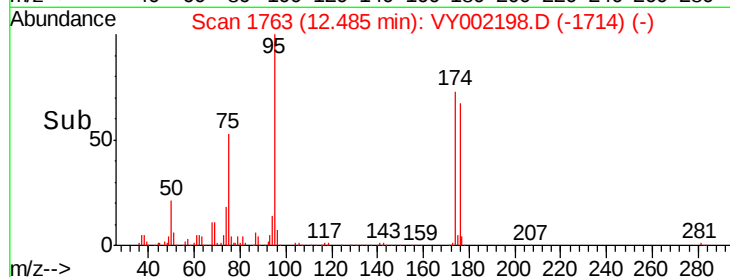
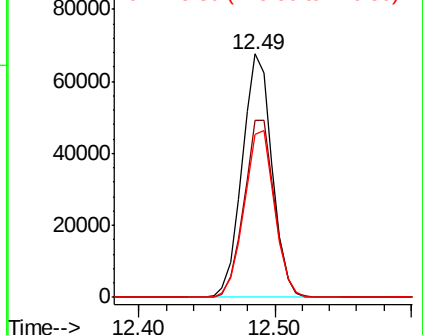
176 70.3 0.0 137.0



Abundance Ion 94.90 (94.60 to 95.60): VY002198.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY002198.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY002198.D (-1755) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1601

Delta R.T. 0.00 min

Lab File: VY002198.D

Acq: 02 Apr 2020 17:28

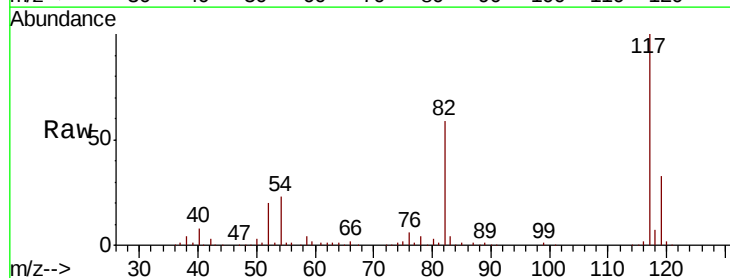
Tgt Ion: 117 Resp: 229342

Ion Ratio Lower Upper

117 100

82 58.9 45.4 68.2

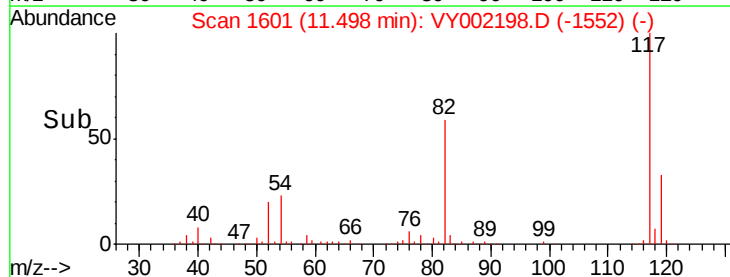
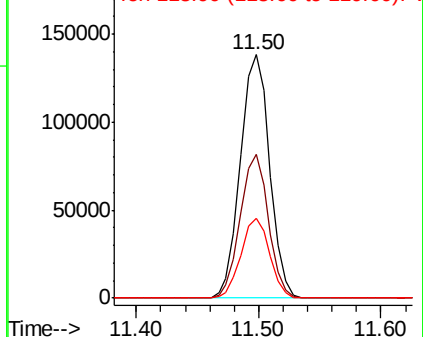
119 33.0 25.3 37.9

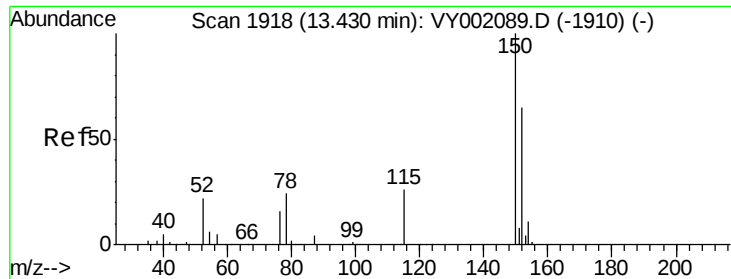


Abundance Ion 116.90 (116.60 to 117.60): VY002198.D (-1593) (-)

Ion 82.00 (81.70 to 82.70): VY002198.D (-1593) (-)

Ion 118.90 (118.60 to 119.60): VY002198.D (-1593) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY002198.D

Acq: 02 Apr 2020 17:28

Instrument :

MSVOA_Y

ClientSampleId :

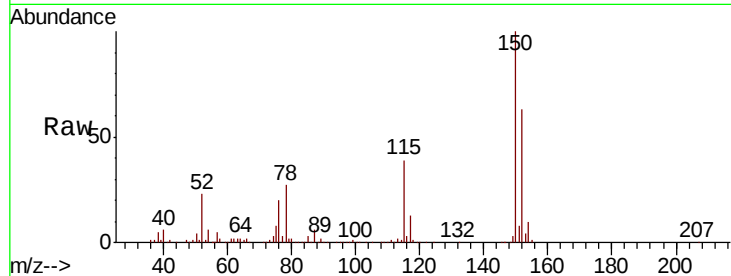
Tot Ion:152 Resp: 101602

Ion Ratio Lower Upper

152 100

115 62.1 31.2 93.6

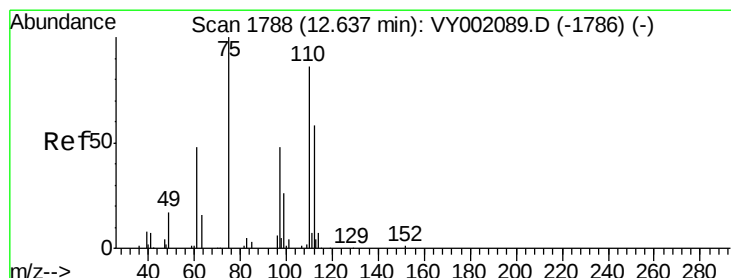
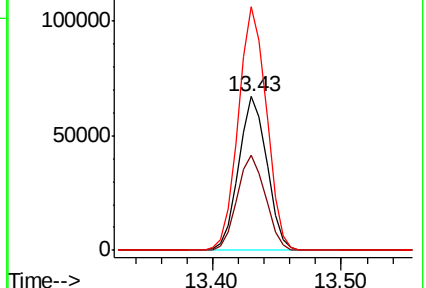
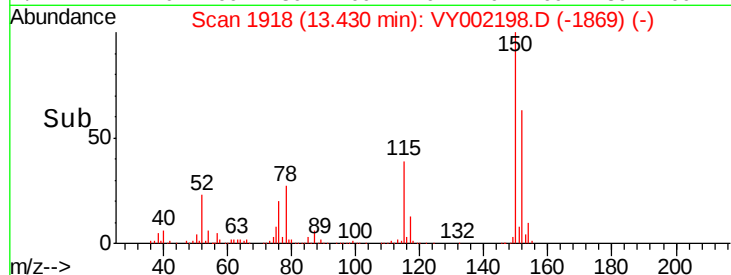
150 158.4 0.0 354.8



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: 48.673 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.15 min

Lab File: VY002198.D

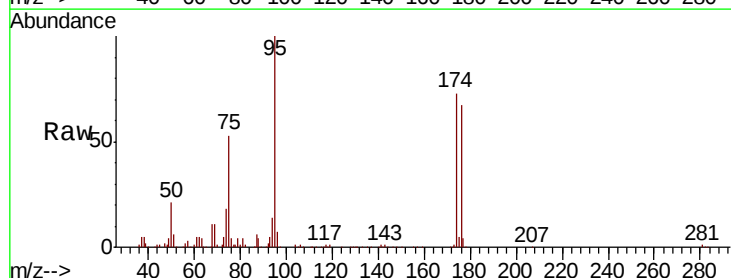
Acq: 02 Apr 2020 17:28

Tgt Ion: 75 Resp: 55317

Ion Ratio Lower Upper

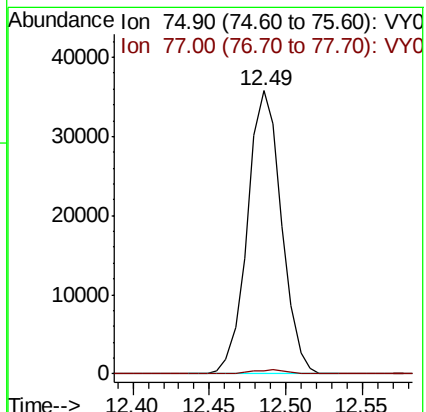
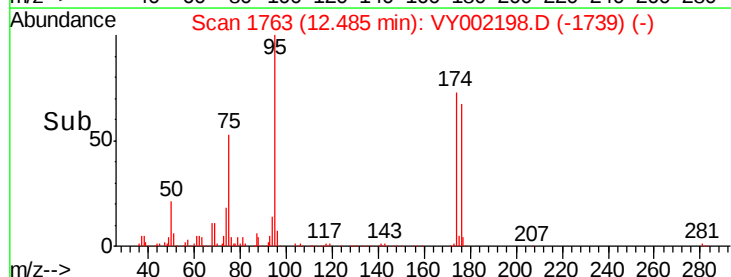
75 100

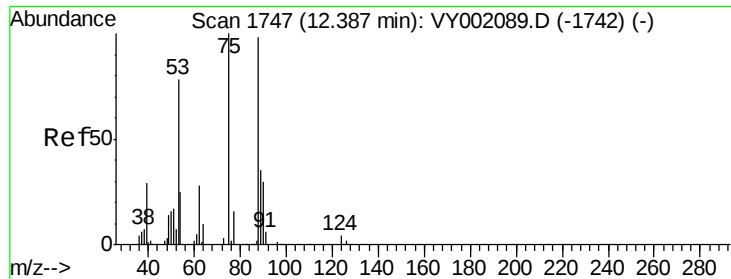
77 1.4 0.0 0.0#



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: 94.296 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002198.D

Acq: 02 Apr 2020 17:28

Instrument :

MSVOA_Y

ClientSampleId :

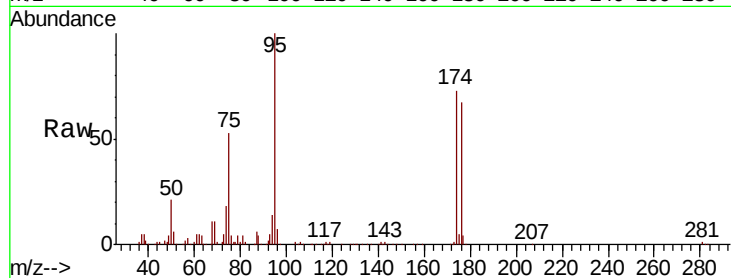
Tot Ion: 75 Resp: 55317

Ion Ratio Lower Upper

75 100

53 0.0 65.0 97.4#

89 0.1 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

