

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040120\
 Data File : VY002159.D
 Acq On : 01 Apr 2020 13:50
 Operator : SY/MD
 Sample : L2108-01
 Misc : 7.04G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 02 06:22:19 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

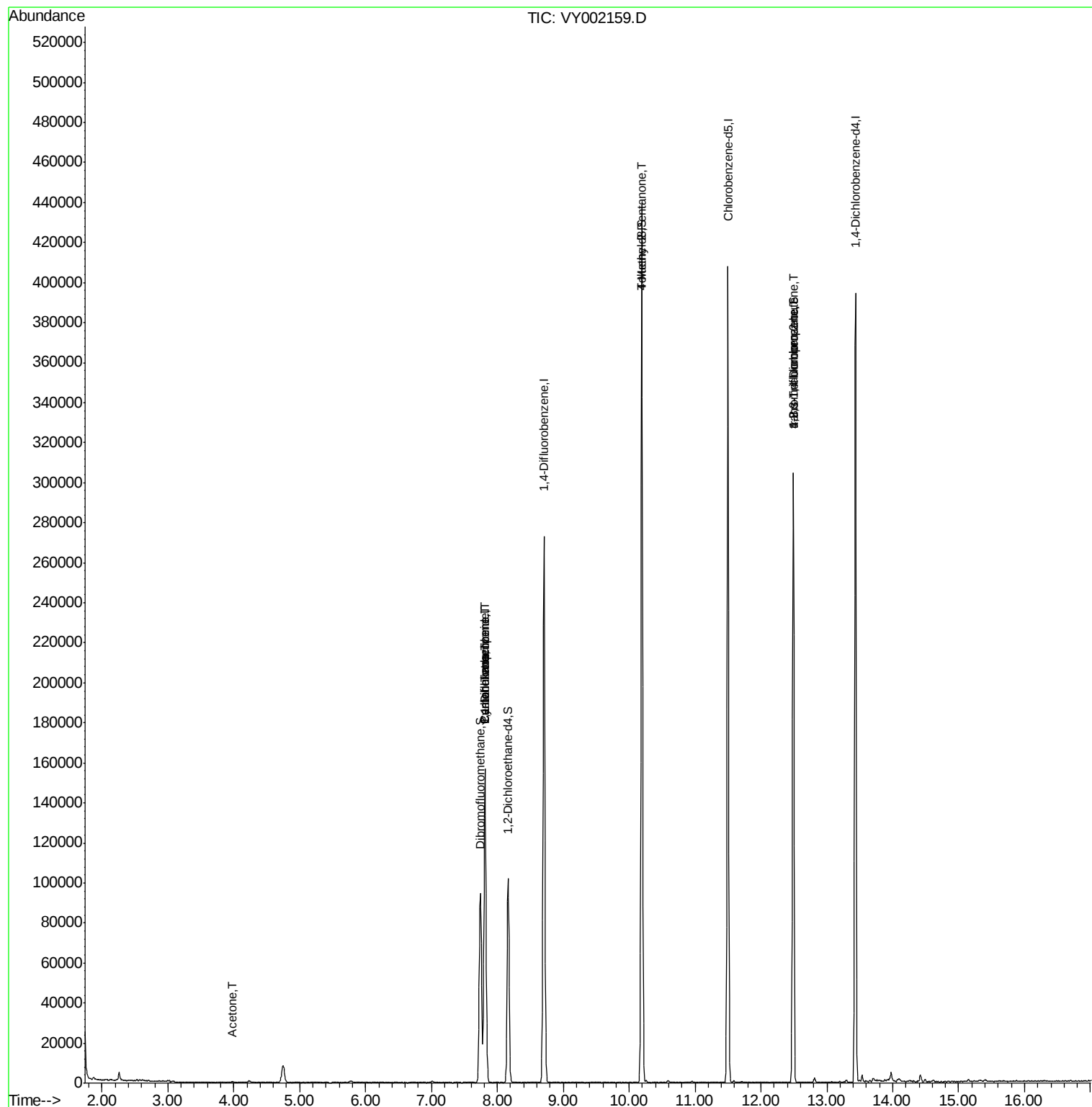
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	119149	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	231234	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	216024	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	93392	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	74820	56.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.60%	
35) Dibromofluoromethane	7.74	113	68424	52.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.62%	
50) Toluene-d8	10.19	98	285483	53.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.08%	
62) 4-Bromofluorobenzene	12.49	95	95101	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
Target Compounds						
					Qvalue	
16) Acetone	3.98	43	938	2.535	ug/l #	83
20) Methylene Chloride	4.74	84	6341	Below Cal	#	89
31) Cyclohexane	7.82	56	2887	1.052	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	10084	4.611	ug/l #	49
38) Carbon Tetrachloride	7.81	117	12554	6.765	ug/l #	18
51) 4-Methyl-2-Pentanone	10.19	43	1378	1.091	ug/l #	1
76) 1,2,3-Trichloropropane	12.49	75	49544	47.425	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	49544	91.879	ug/l #	17

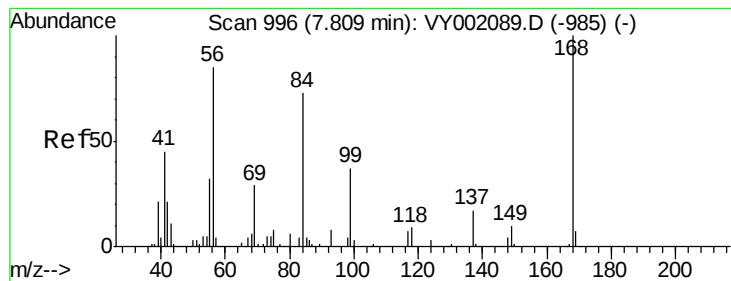
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY040120\
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Apr 02 06:22:19 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
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: VY002159.D

Acq: 01 Apr 2020 13:50

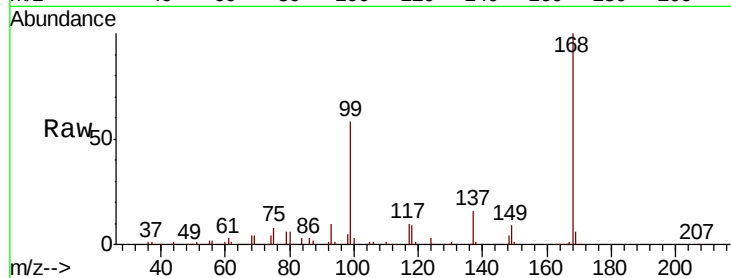
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 119149

Ion Ratio Lower Upper

168 100

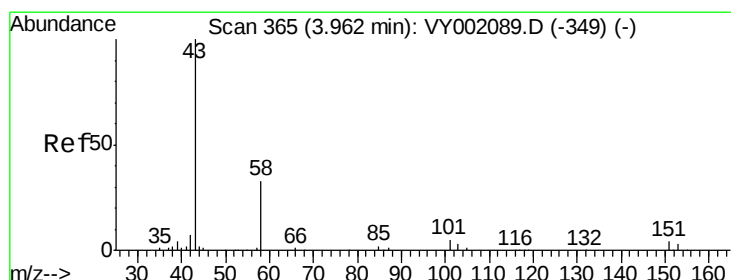
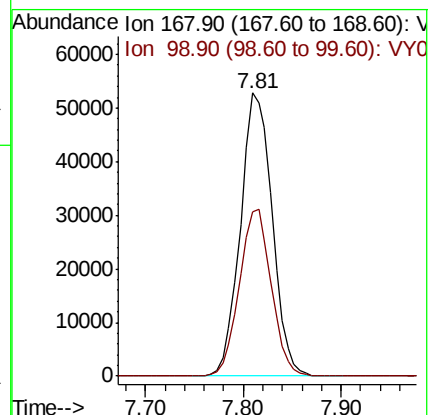
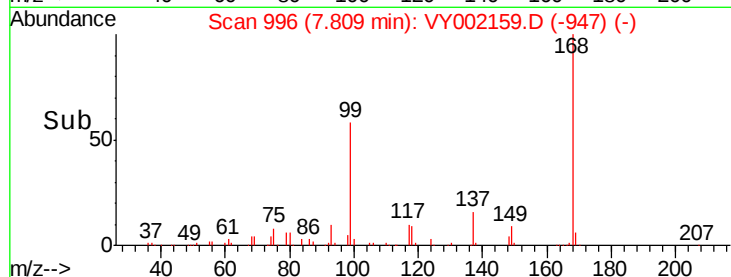
99 58.1 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002159.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002159.D (-947) (-)

7.81



#16

Acetone

Concen: 2.535 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.02 min

Lab File: VY002159.D

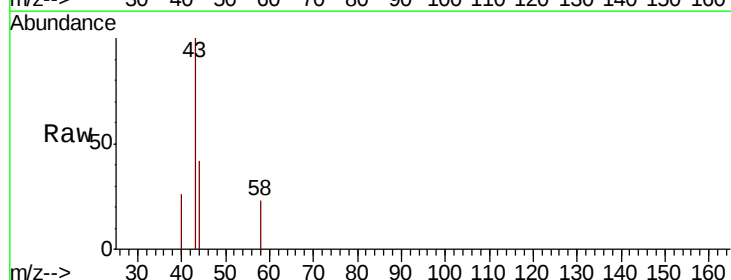
Acq: 01 Apr 2020 13:50

Tgt Ion: 43 Resp: 938

Ion Ratio Lower Upper

43 100

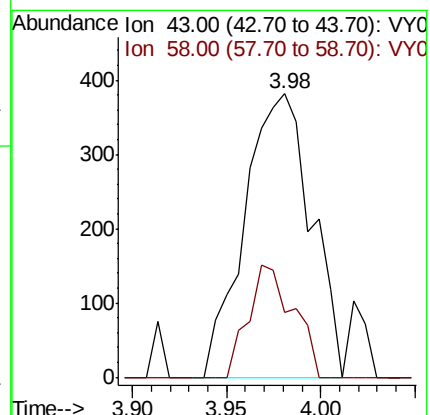
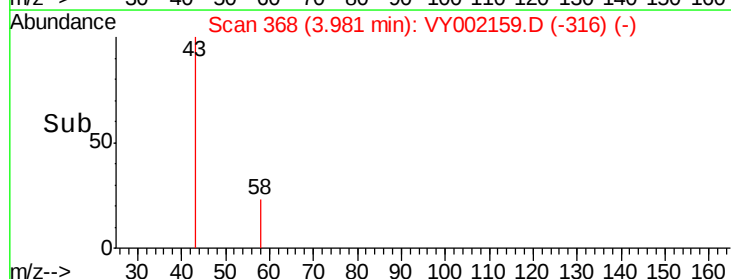
58 23.0 26.3 39.5#

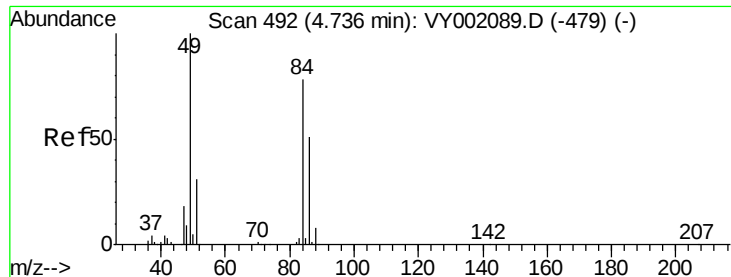


Abundance Ion 43.00 (42.70 to 43.70): VY002159.D (-316) (-)

Ion 58.00 (57.70 to 58.70): VY002159.D (-316) (-)

3.98

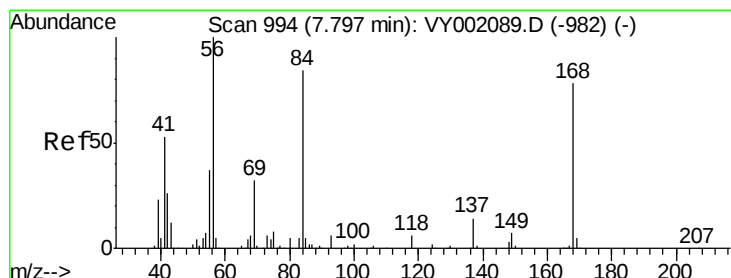
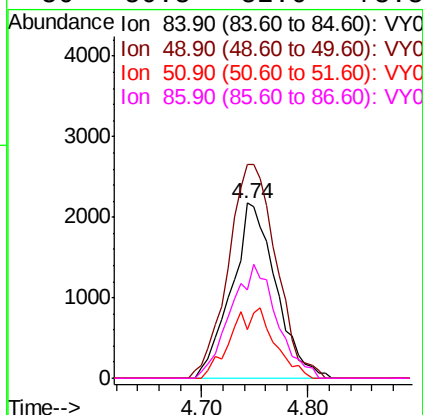
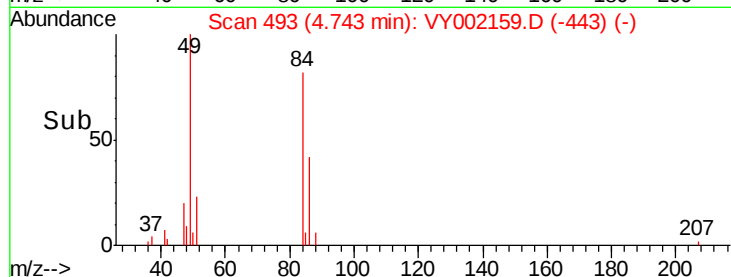
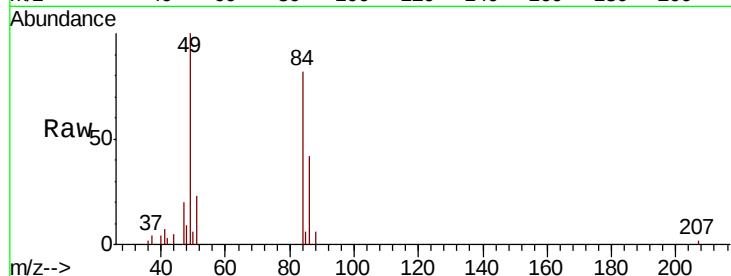




#20
Methylene Chloride
Concen: Below Cal
RT: 4.74 min Scan# 493
Delta R.T. 0.01 min
Lab File: VY002159.D
Acq: 01 Apr 2020 13:50

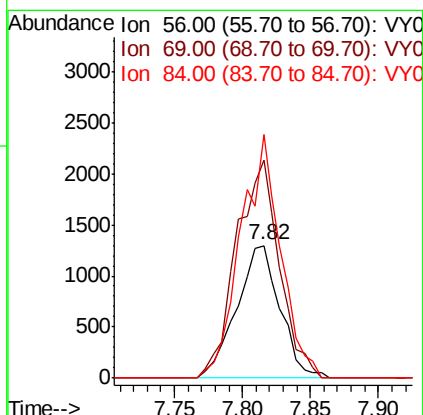
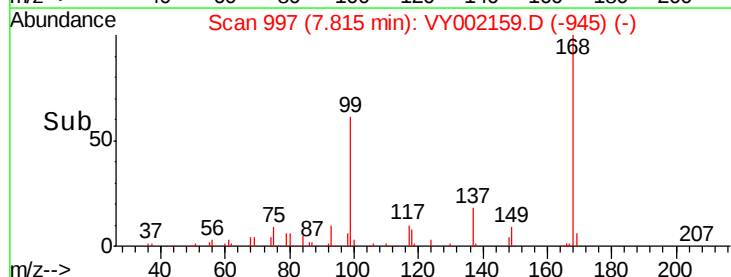
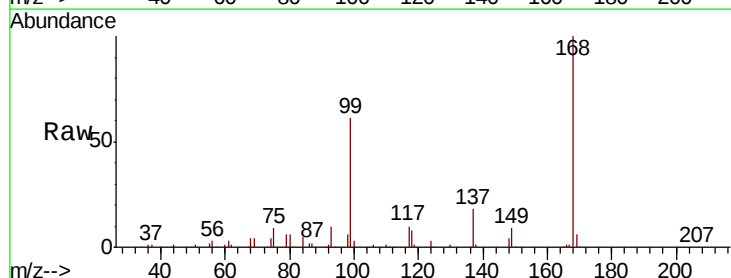
Instrument :
MSVOA_Y
ClientSampleId :

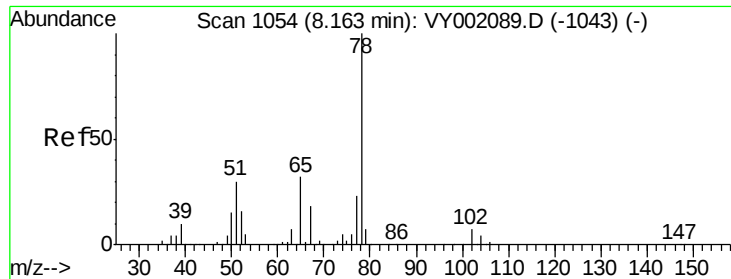
Tot Ion: 84 Resp: 6341
Ion Ratio Lower Upper
84 100
49 122.2 102.2 153.4
51 28.1 31.2 46.8#
86 50.8 52.6 78.8#



#31
Cyclohexane
Concen: 1.052 ug/l
RT: 7.82 min Scan# 997
Delta R.T. 0.02 min
Lab File: VY002159.D
Acq: 01 Apr 2020 13:50

Tgt Ion: 56 Resp: 2887
Ion Ratio Lower Upper
56 100
69 164.9 25.8 38.8#
84 184.1 67.1 100.7#

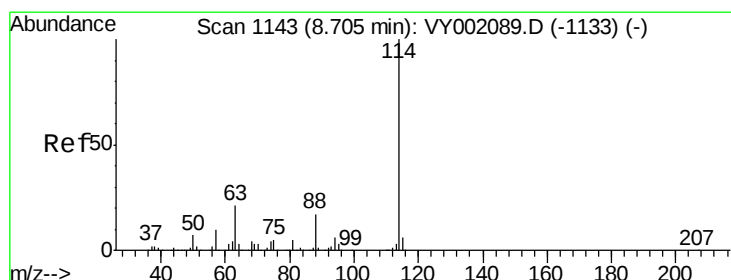
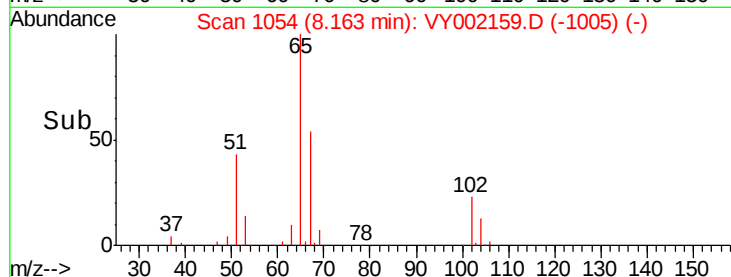
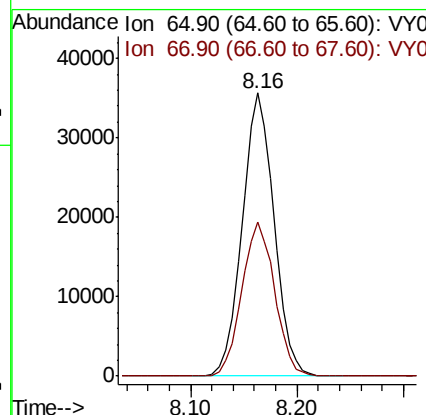
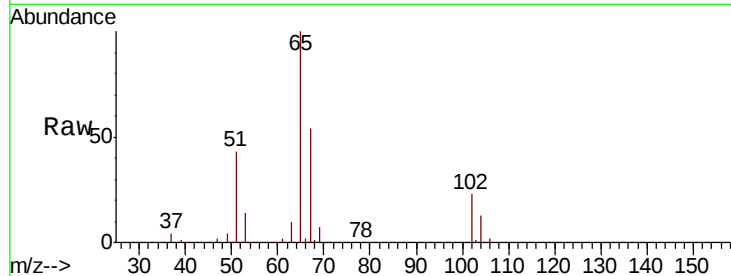




#33
 1,2-Dichloroethane-d4
 Concen: 56.804 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: VY002159.D
 Acq: 01 Apr 2020 13:50

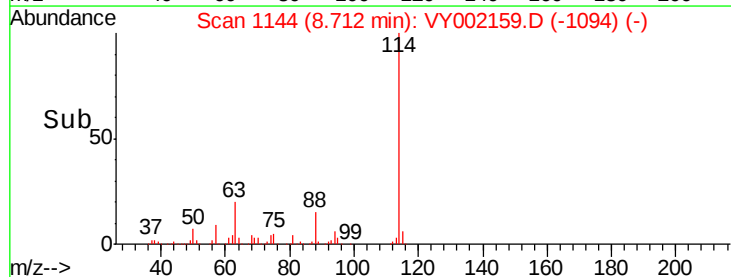
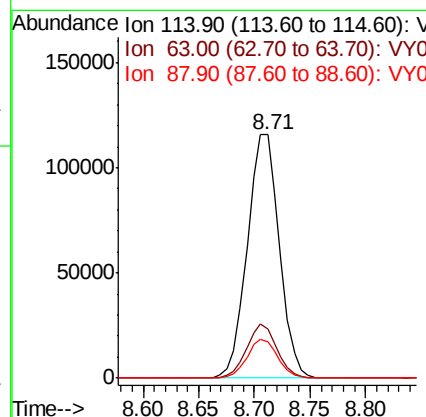
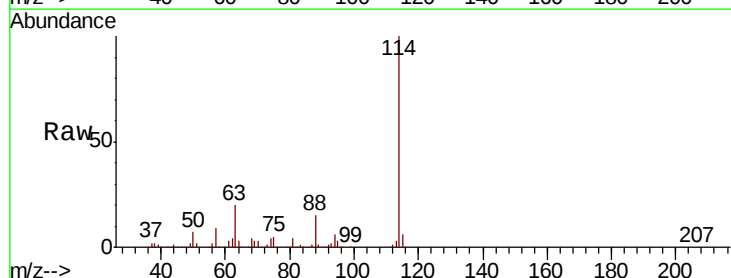
Instrument :
 MSVOA_Y
 ClientSampleId :

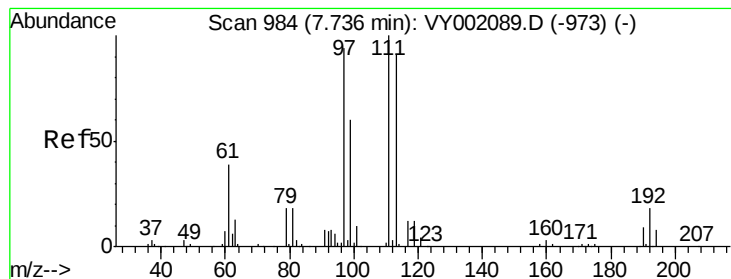
Tot Ion: 65 Resp: 74820
 Ion Ratio Lower Upper
 65 100
 67 56.2 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY002159.D
 Acq: 01 Apr 2020 13:50

Tgt Ion: 114 Resp: 231234
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.4
 88 14.6 0.0 33.0





#35

Dibromofluoromethane

Concen: 52.811 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002159.D

Acq: 01 Apr 2020 13:50

Instrument :

MSVOA_Y

ClientSampleId :

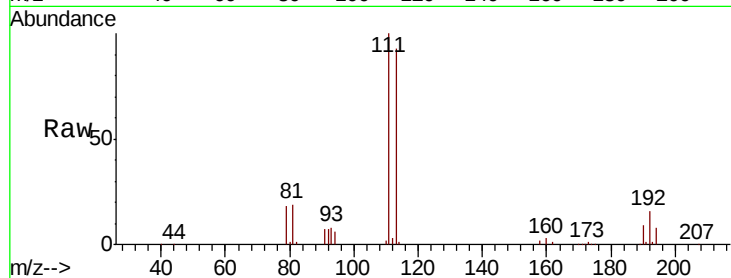
Tot Ion:113 Resp: 68424

Ion Ratio Lower Upper

113 100

111 103.5 84.4 126.6

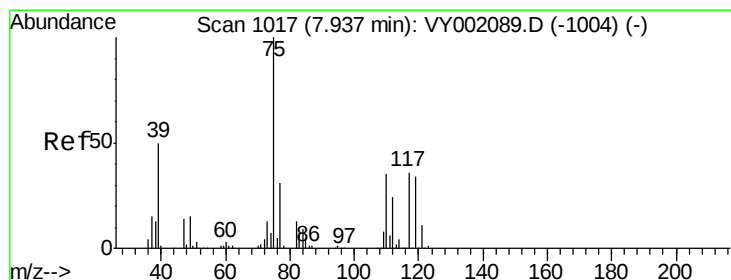
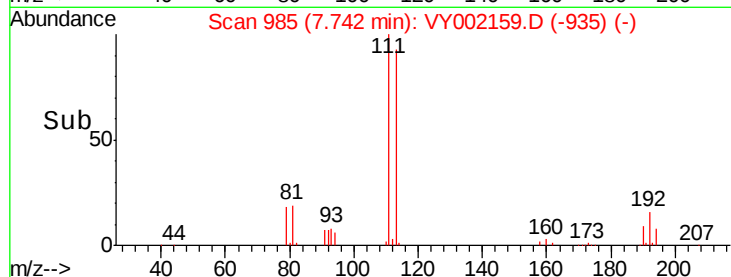
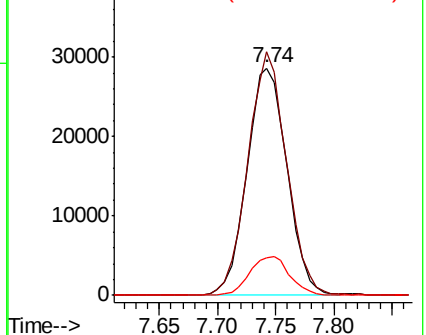
192 17.3 14.6 21.8



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: 4.611 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.12 min

Lab File: VY002159.D

Acq: 01 Apr 2020 13:50

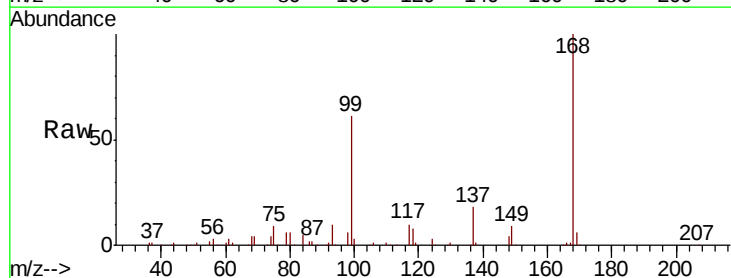
Tgt Ion: 75 Resp: 10084

Ion Ratio Lower Upper

75 100

110 7.8 17.2 51.6#

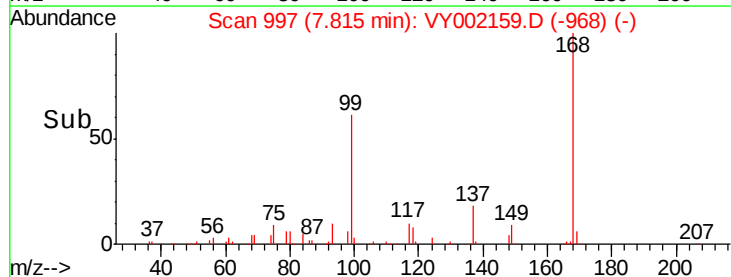
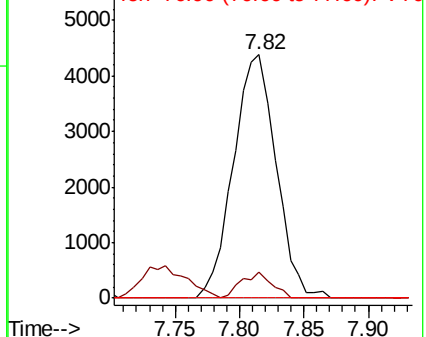
77 0.0 24.7 37.1#

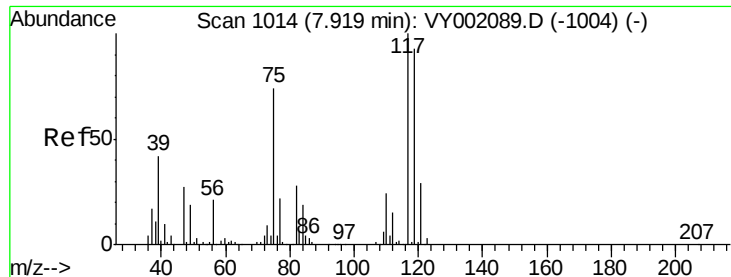


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

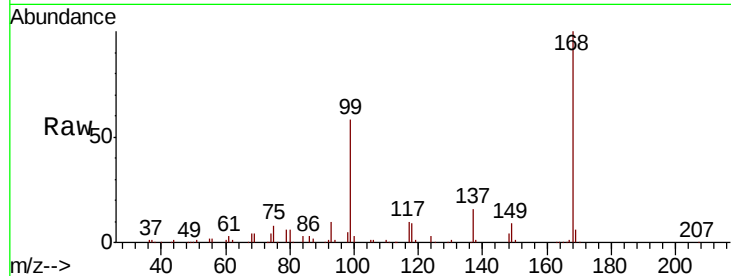




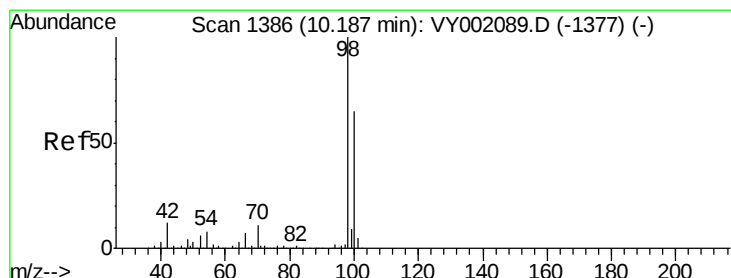
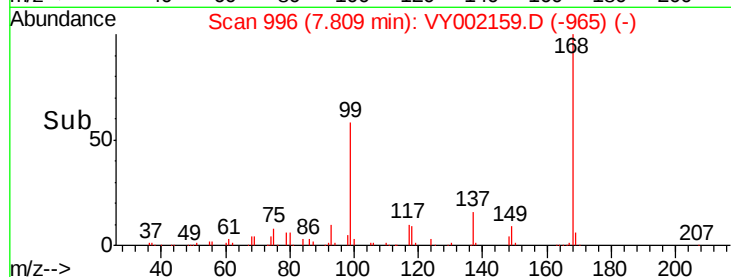
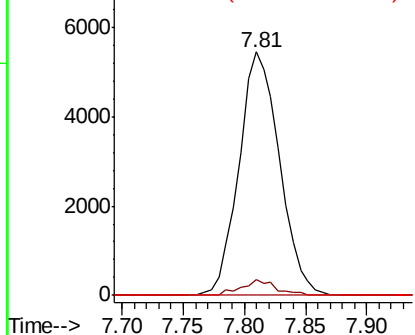
#38
Carbon Tetrachloride
Concen: 6.765 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.11 min
Lab File: VY002159.D
Acq: 01 Apr 2020 13:50

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 12554
Ion Ratio Lower Upper
117 100
119 6.6 74.3 111.5#
121 0.0 23.3 34.9#

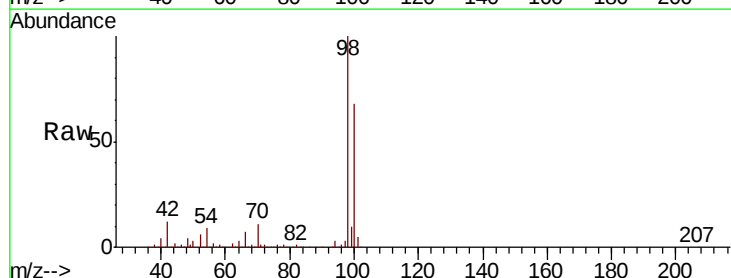


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

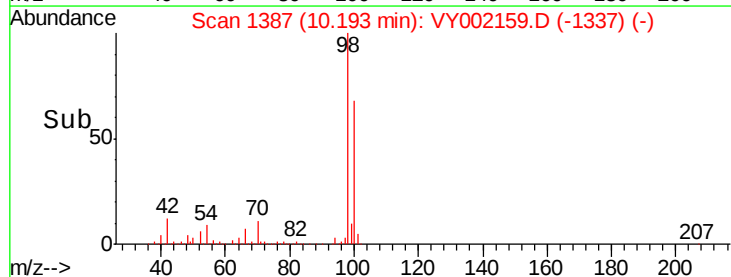
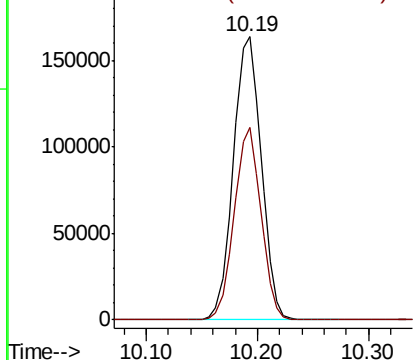


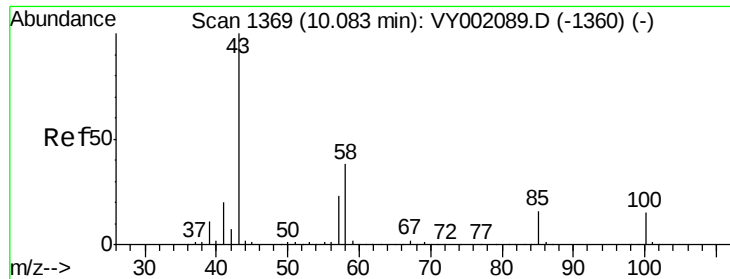
#50
Toluene-d8
Concen: 53.040 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY002159.D
Acq: 01 Apr 2020 13:50

Tgt Ion: 98 Resp: 285483
Ion Ratio Lower Upper
98 100
100 65.0 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: 1.091 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.10 min

Lab File: VY002159.D

Acq: 01 Apr 2020 13:50

Instrument :

MSVOA_Y

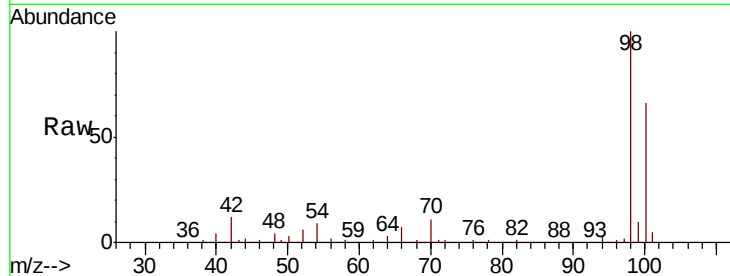
ClientSampleId :

Tot Ion: 43 Resp: 1378

Ion Ratio Lower Upper

43 100

58 166.3 31.6 47.4#



Abundance Ion 43.00 (42.70 to 43.70): VY002089.D (-1360) (-)

Ion 58.00 (57.70 to 58.70): VY002089.D (-1360) (-)

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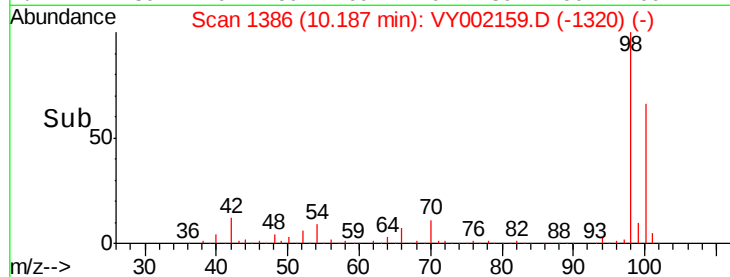
10.19

10.19

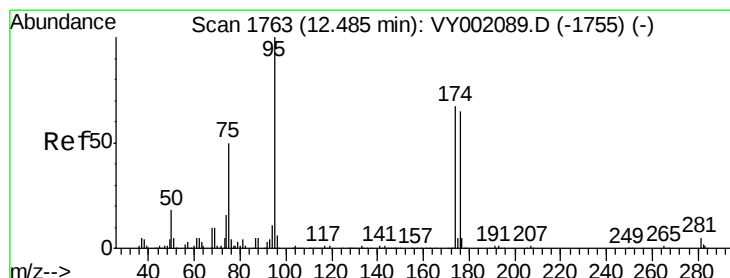
10.19

10.19

10.19



Time-->



#62

4-Bromofluorobenzene

Concen: 50.521 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002159.D

Acq: 01 Apr 2020 13:50

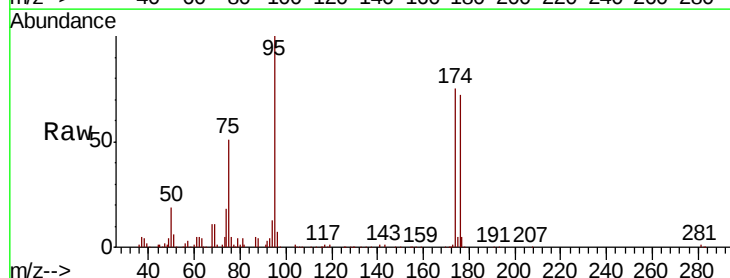
Tgt Ion: 95 Resp: 95101

Ion Ratio Lower Upper

95 100

174 74.7 0.0 143.4

176 71.5 0.0 137.0



Abundance Ion 94.90 (94.60 to 95.60): VY002089.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY002089.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY002089.D (-1755) (-)

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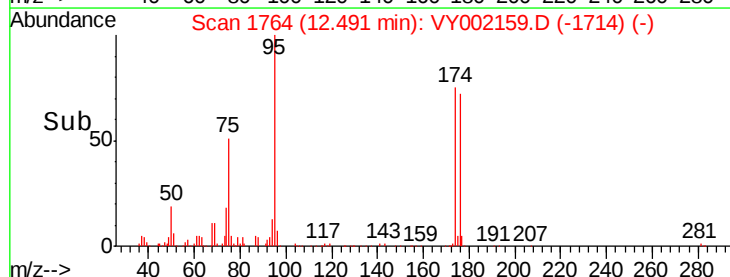
12.49

12.49

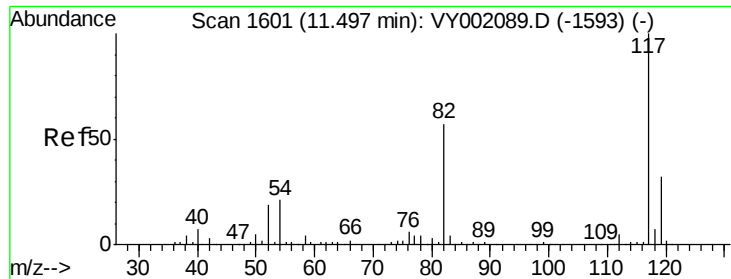
12.49

12.49

12.49



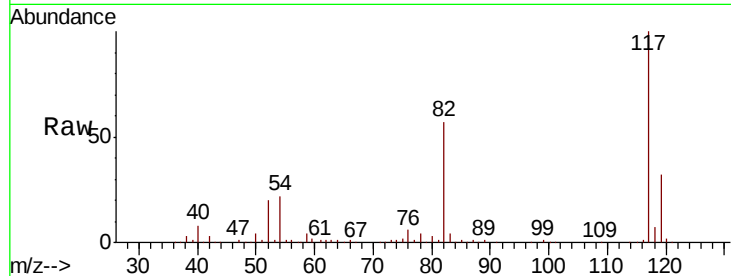
Time-->



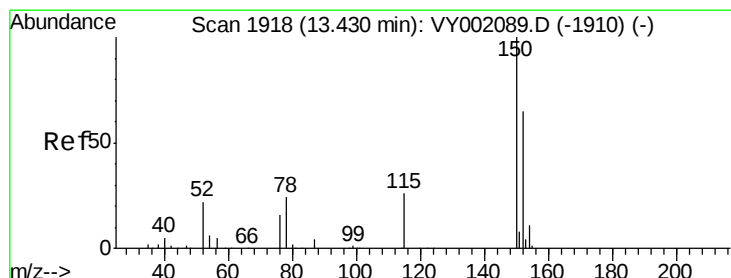
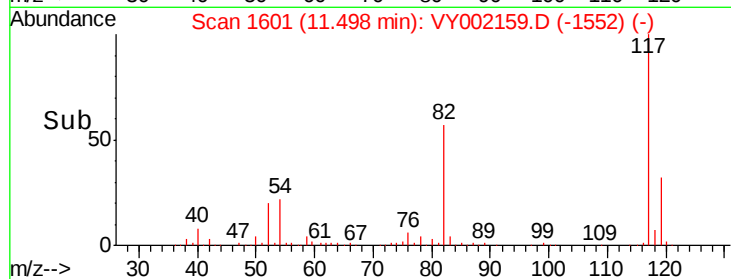
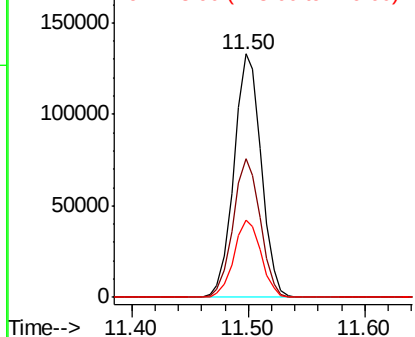
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002159.D
Acq: 01 Apr 2020 13:50

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 216024
Ion Ratio Lower Upper
117 100
82 57.2 45.4 68.2
119 31.9 25.3 37.9

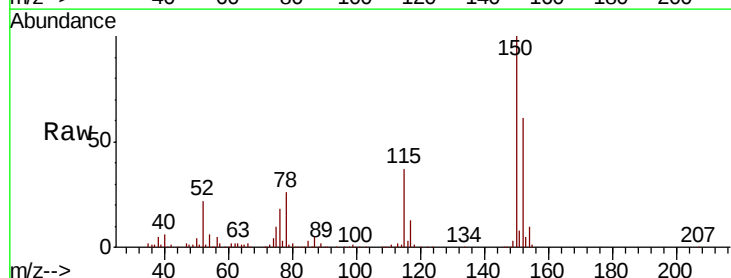


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

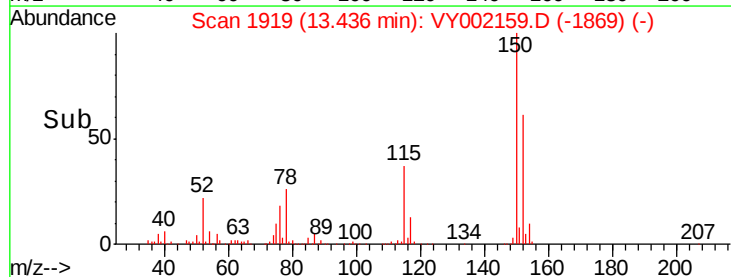
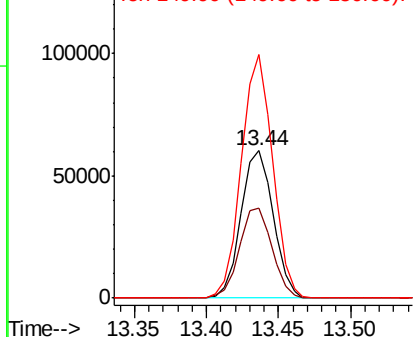


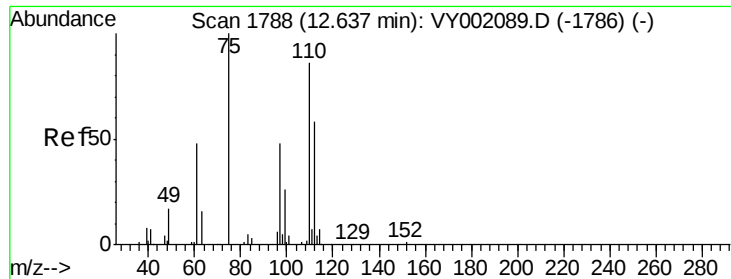
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002159.D
Acq: 01 Apr 2020 13:50

Tgt Ion:152 Resp: 93392
Ion Ratio Lower Upper
152 100
115 61.7 31.2 93.6
150 160.0 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: 47.425 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.15 min

Lab File: VY002159.D

Acq: 01 Apr 2020 13:50

Instrument :

MSVOA_Y

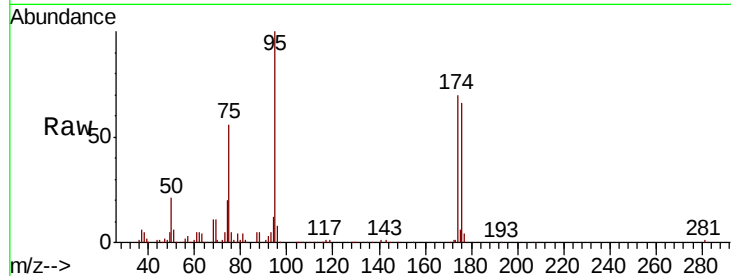
ClientSampleId :

Tot Ion: 75 Resp: 49544

Ion Ratio Lower Upper

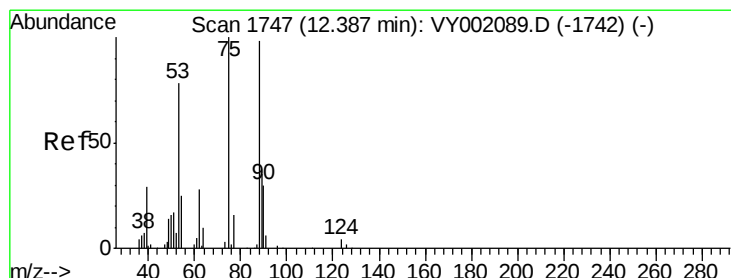
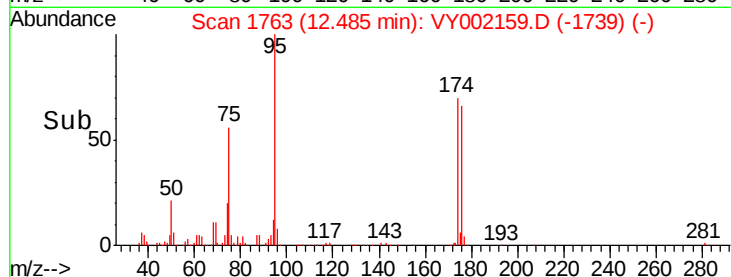
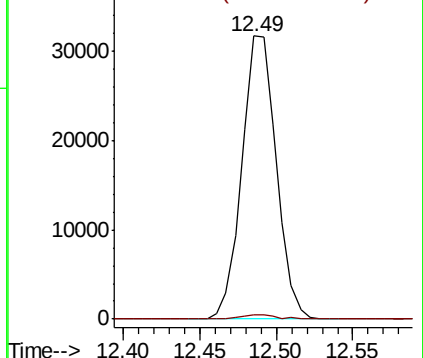
75 100

77 1.6 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: 91.879 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002159.D

Acq: 01 Apr 2020 13:50

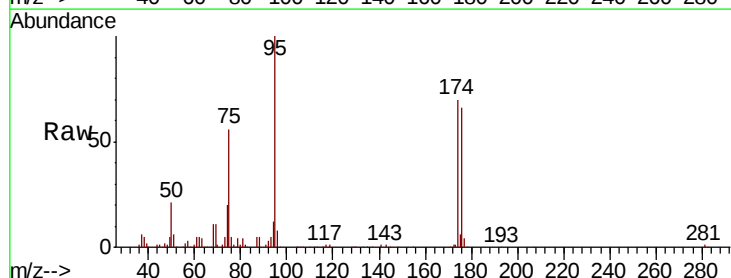
Tgt Ion: 75 Resp: 49544

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

