

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040120\
 Data File : VY002179.D
 Acq On : 01 Apr 2020 21:17
 Operator : SY/MD
 Sample : L2132-10
 Misc : 3.89G/5ML/MSVOA Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 02 06:25:53 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

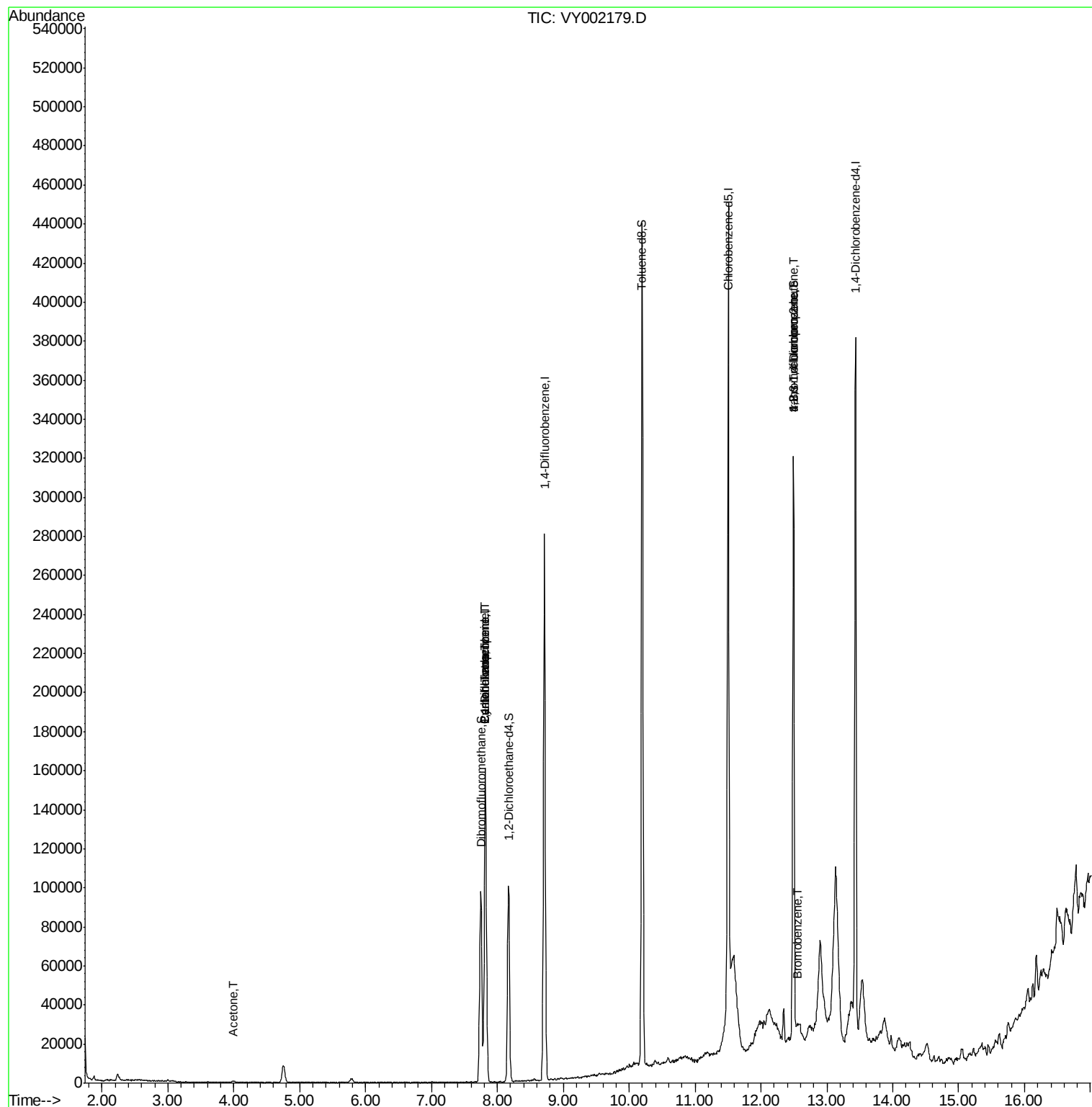
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	117335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	234864	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	214024	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	84327	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	74655	57.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.12%	
35) Dibromofluoromethane	7.75	113	68353	51.94	ug/l	0.01
Spiked Amount 50.000			Recovery	=	103.88%	
50) Toluene-d8	10.20	98	285448	52.21	ug/l	0.01
Spiked Amount 50.000			Recovery	=	104.42%	
62) 4-Bromofluorobenzene	12.49	95	94435	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.78%	
Target Compounds						
					Qvalue	
16) Acetone	3.99	43	1413	3.877	ug/l #	70
20) Methylene Chloride	4.76	84	6262	Below Cal		95
31) Cyclohexane	7.82	56	3011	1.114	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	10168	4.577	ug/l #	51
38) Carbon Tetrachloride	7.82	117	12291	6.521	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	48963	51.907	ug/l #	100
77) Bromobenzene	12.55	156	4388	3.286	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.49	75	48963	100.563	ug/l #	18

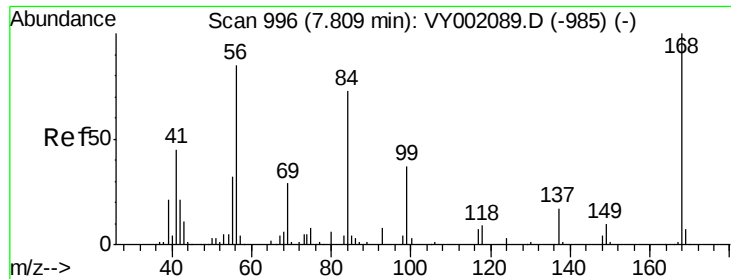
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY040120\
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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: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002179.D

Acq: 01 Apr 2020 21:17

Instrument :

MSVOA_Y

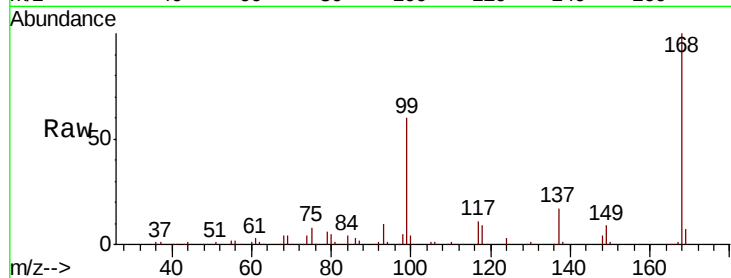
ClientSampleId :

Tot Ion:168 Resp: 117335

Ion Ratio Lower Upper

168 100

99 59.7 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002089.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002089.D (-985) (-)

7.82

60000

50000

40000

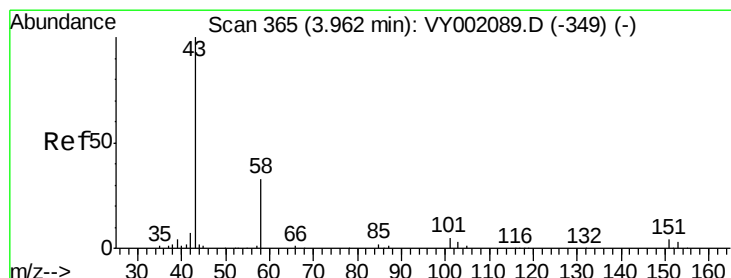
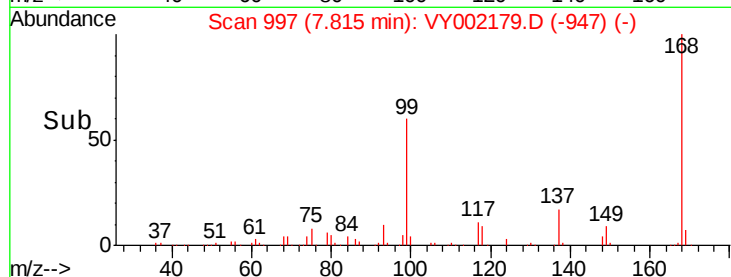
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 3.877 ug/l

RT: 3.99 min Scan# 369

Delta R.T. 0.02 min

Lab File: VY002179.D

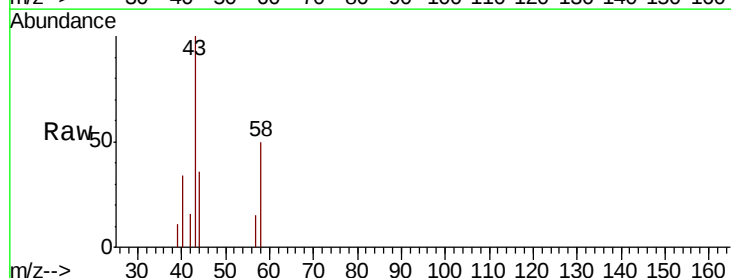
Acq: 01 Apr 2020 21:17

Tgt Ion: 43 Resp: 1413

Ion Ratio Lower Upper

43 100

58 49.8 26.3 39.5#



Abundance Ion 43.00 (42.70 to 43.70): VY002089.D (-349) (-)

Ion 58.00 (57.70 to 58.70): VY002089.D (-349) (-)

3.99

500

400

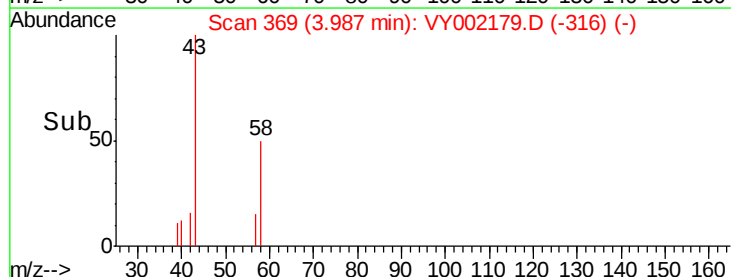
300

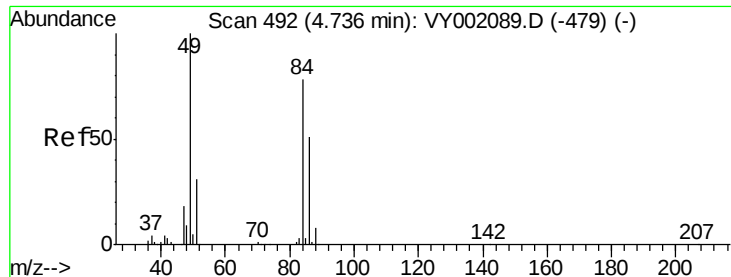
200

100

0

Time-->

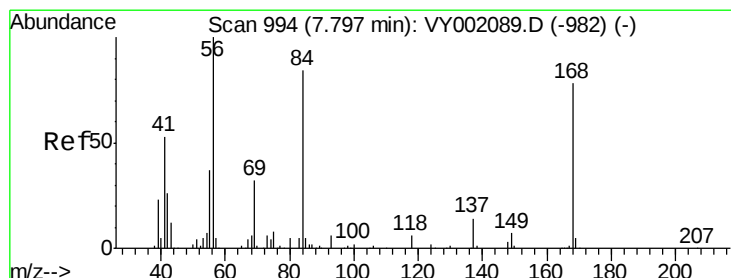
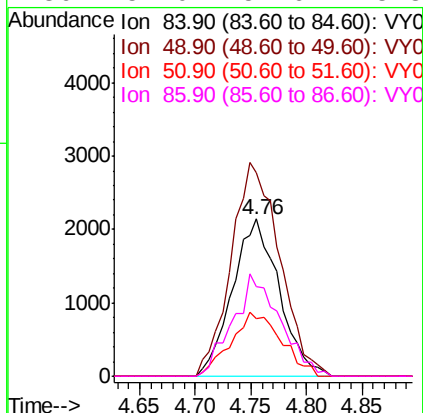
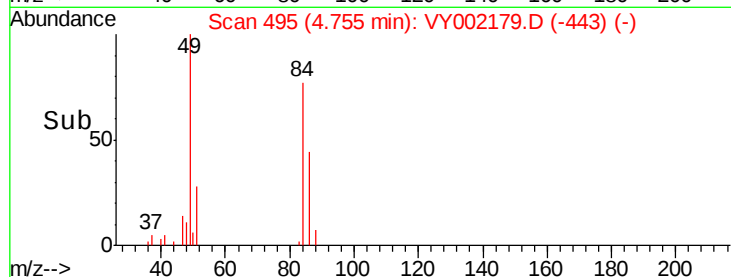
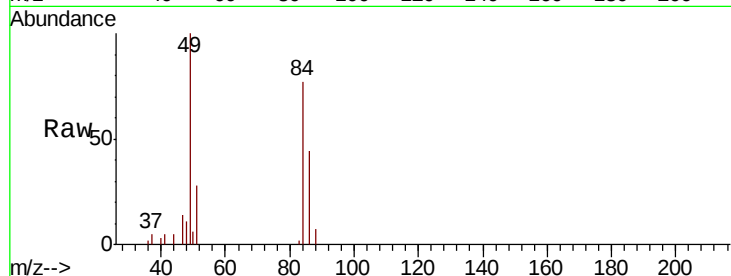




#20
Methylene Chloride
Concen: Below Cal
RT: 4.76 min Scan# 495
Delta R.T. 0.02 min
Lab File: VY002179.D
Acq: 01 Apr 2020 21:17

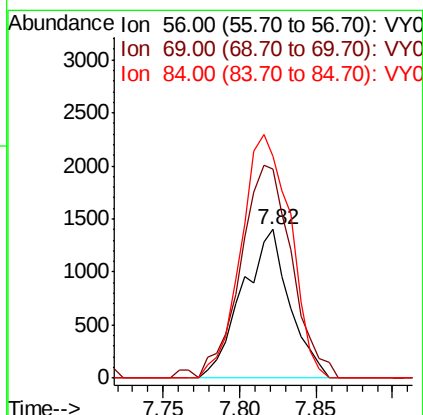
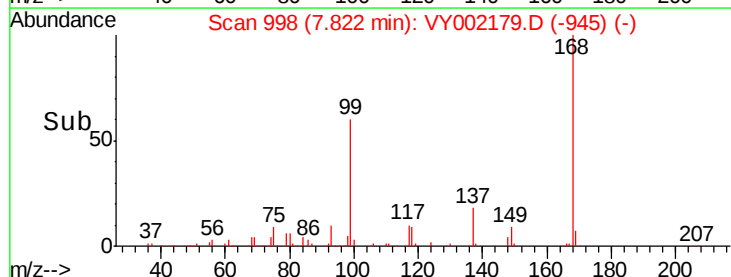
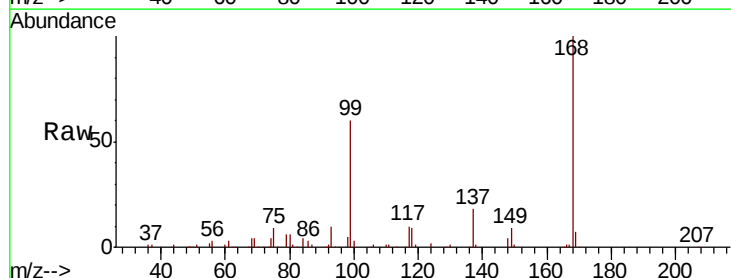
Instrument :
MSVOA_Y
ClientSampleId :

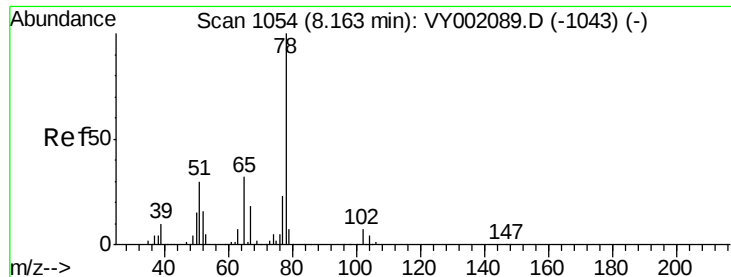
Tot Ion:	84	Resp:	6262
Ion	Ratio	Lower	Upper
84	100		
49	129.4	102.2	153.4
51	36.5	31.2	46.8
86	57.0	52.6	78.8



#31
Cyclohexane
Concen: 1.114 ug/l
RT: 7.82 min Scan# 998
Delta R.T. 0.02 min
Lab File: VY002179.D
Acq: 01 Apr 2020 21:17

Tgt Ion:	56	Resp:	3011
Ion	Ratio	Lower	Upper
56	100		
69	140.3	25.8	38.8#
84	149.6	67.1	100.7#





#33

1,2-Dichloroethane-d4

Concen: 57.555 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY002179.D

Acq: 01 Apr 2020 21:17

Instrument :

MSVOA_Y

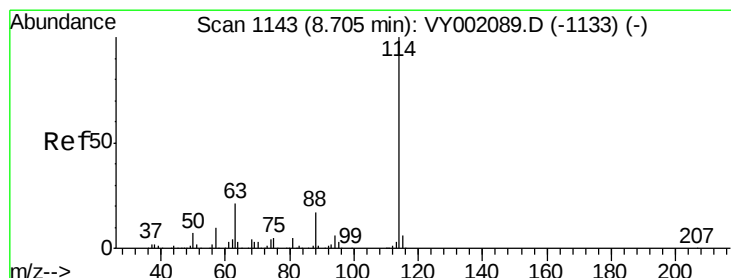
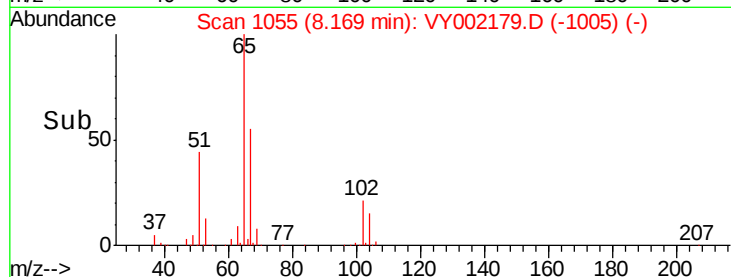
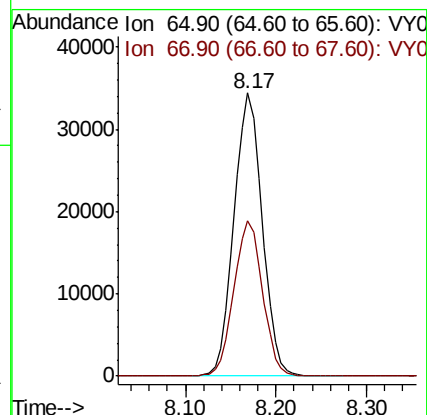
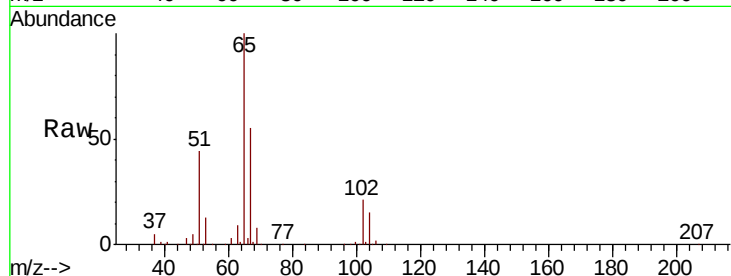
ClientSampleId :

Tot Ion: 65 Resp: 74655

Ion Ratio Lower Upper

65 100

67 55.5 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: VY002179.D

Acq: 01 Apr 2020 21:17

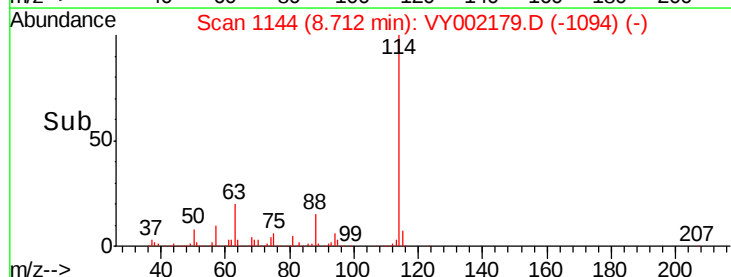
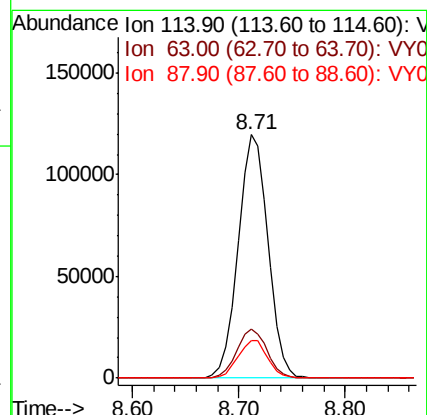
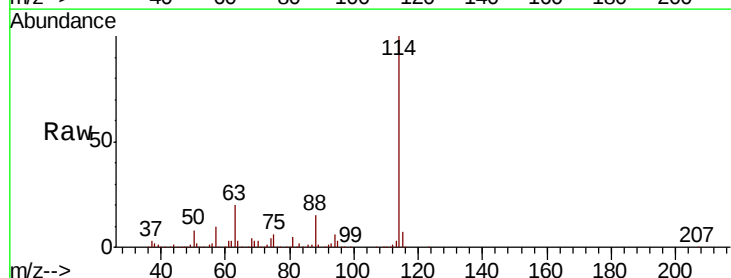
Tgt Ion: 114 Resp: 234864

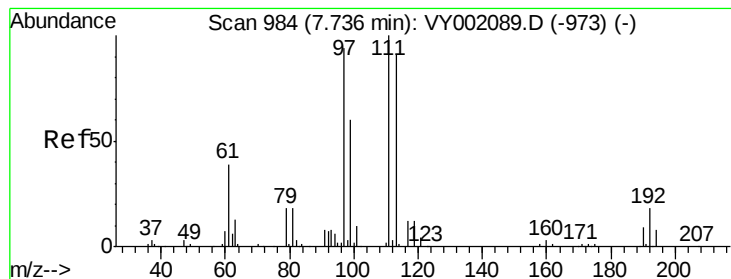
Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.4

88 15.4 0.0 33.0





#35

Dibromofluoromethane

Concen: 51.941 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.01 min

Lab File: VY002179.D

Acq: 01 Apr 2020 21:17

Instrument :

MSVOA_Y

ClientSampleId :

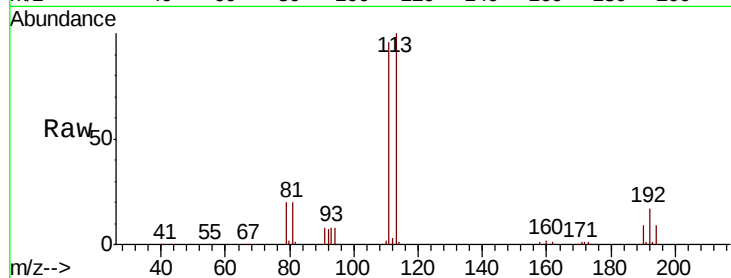
Tot Ion:113 Resp: 68353

Ion Ratio Lower Upper

113 100

111 102.8 84.4 126.6

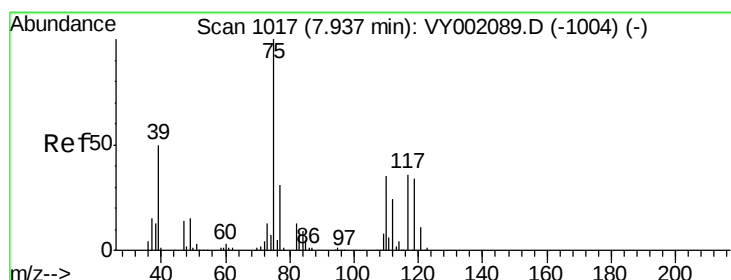
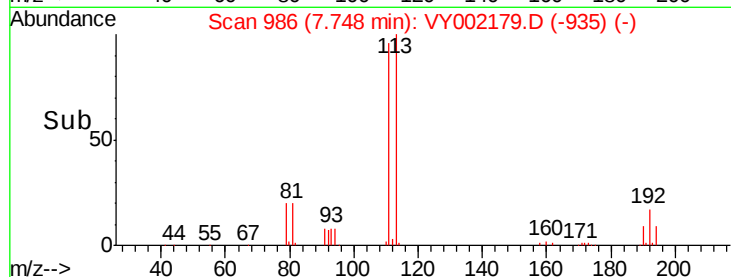
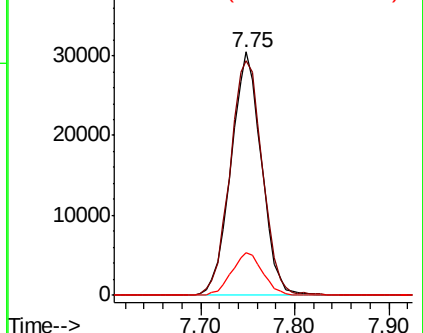
192 17.9 14.6 21.8



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: 4.577 ug/l

RT: 7.82 min Scan# 998

Delta R.T. -0.12 min

Lab File: VY002179.D

Acq: 01 Apr 2020 21:17

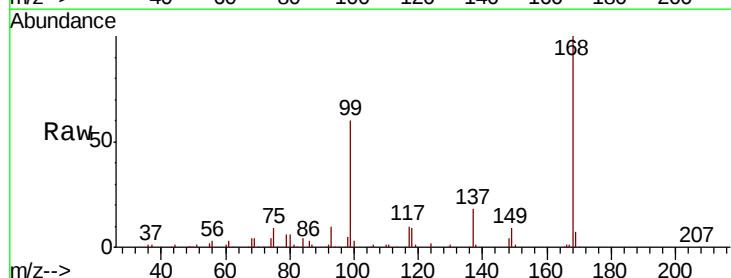
Tgt Ion: 75 Resp: 10168

Ion Ratio Lower Upper

75 100

110 9.9 17.2 51.6#

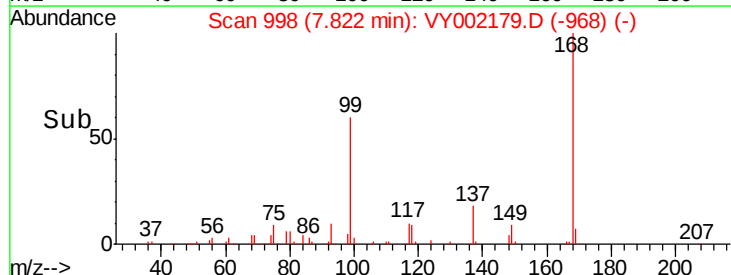
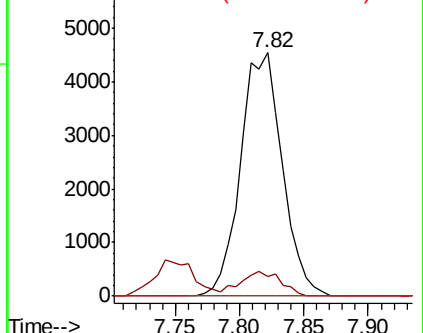
77 0.0 24.7 37.1#

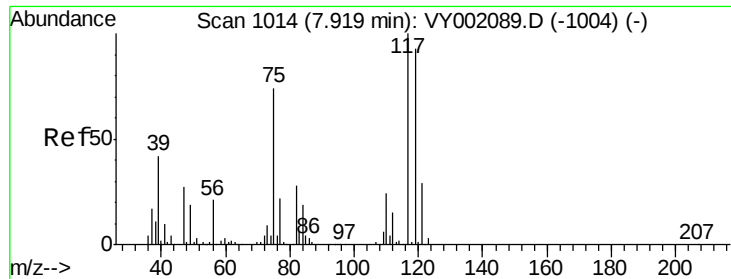


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#38

Carbon Tetrachloride

Concen: 6.521 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.10 min

Lab File: VY002179.D

Acq: 01 Apr 2020 21:17

Instrument :

MSVOA_Y

ClientSampled :

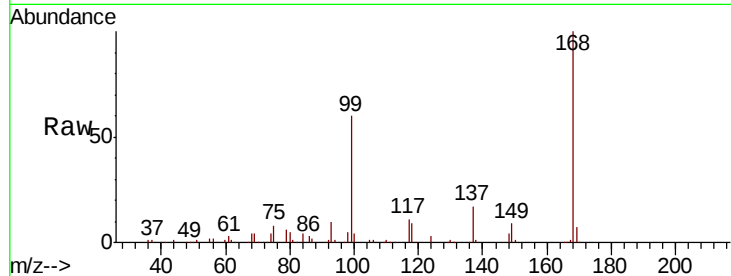
Tot Ion:117 Resp: 12291

Ion Ratio Lower Upper

117 100

119 3.7 74.3 111.5#

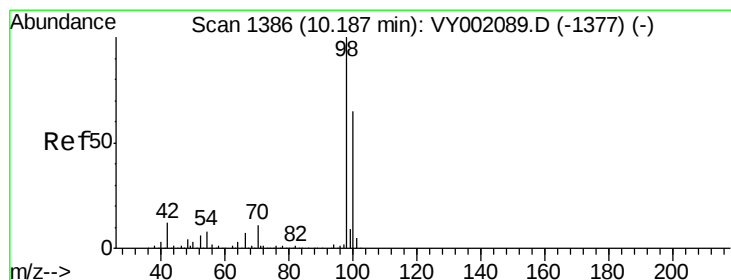
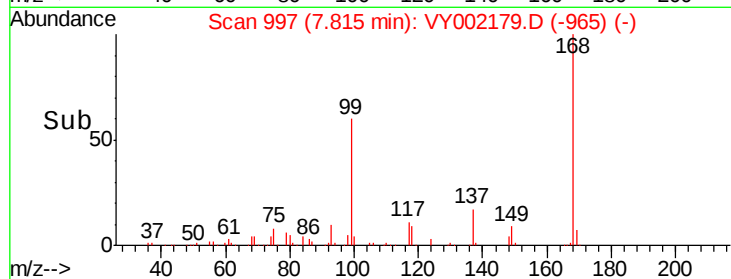
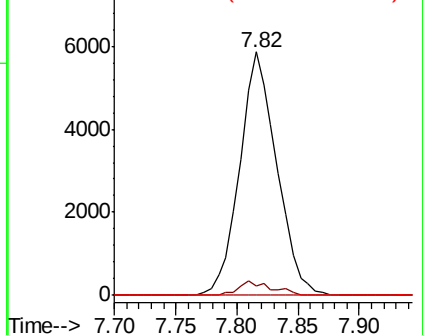
121 0.0 23.3 34.9#



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: 52.214 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY002179.D

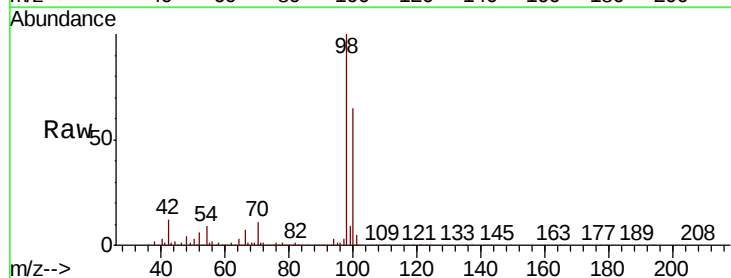
Acq: 01 Apr 2020 21:17

Tgt Ion: 98 Resp: 285448

Ion Ratio Lower Upper

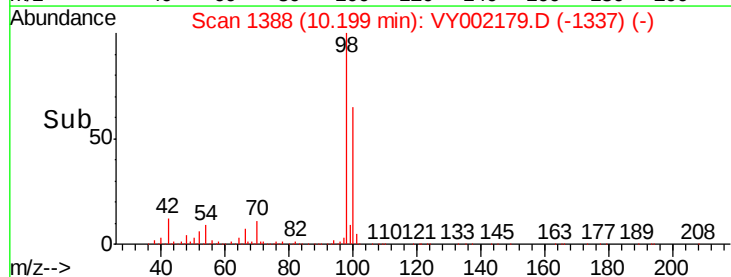
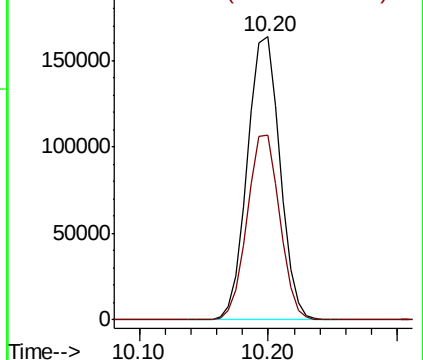
98 100

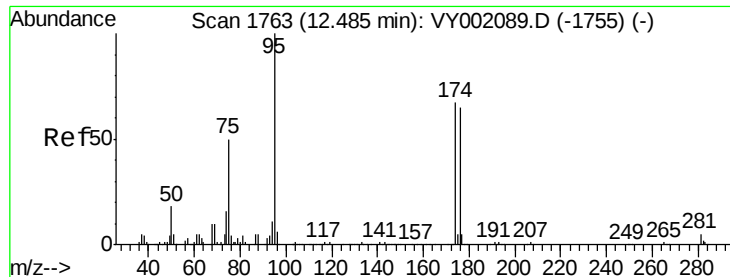
100 65.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

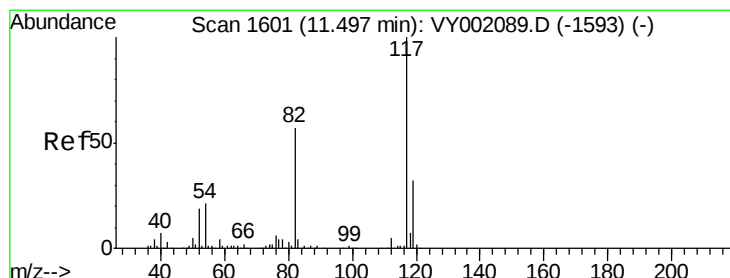
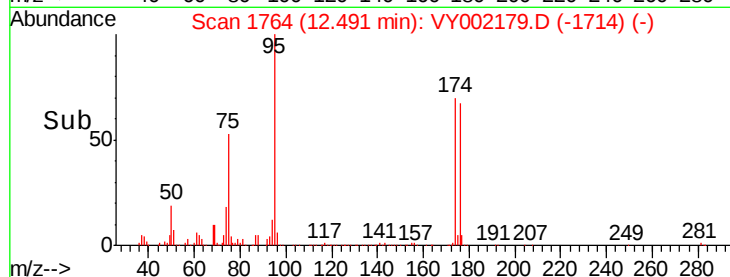
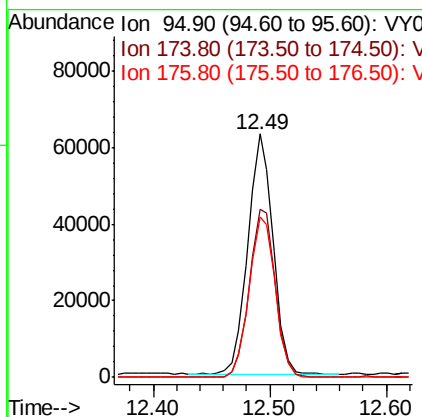
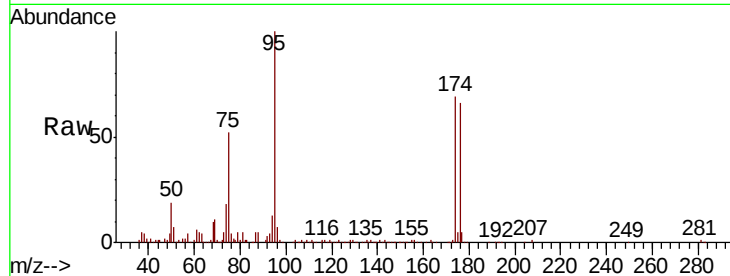




#62
4-Bromofluorobenzene
Concen: 49.392 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY002179.D
Acq: 01 Apr 2020 21:17

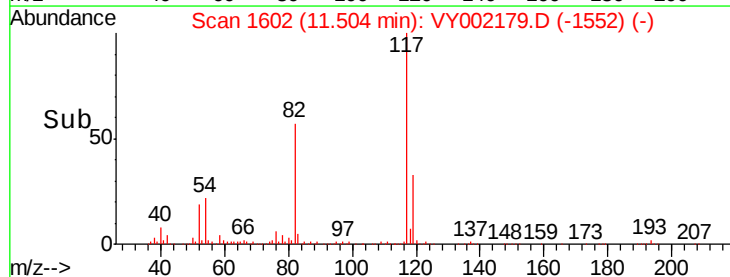
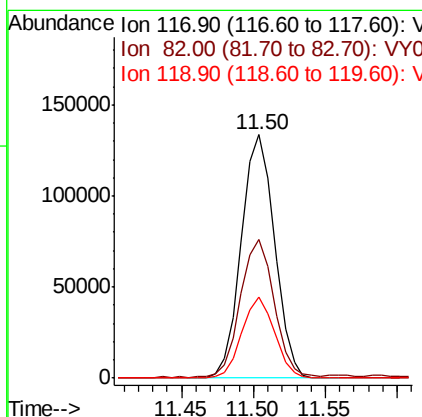
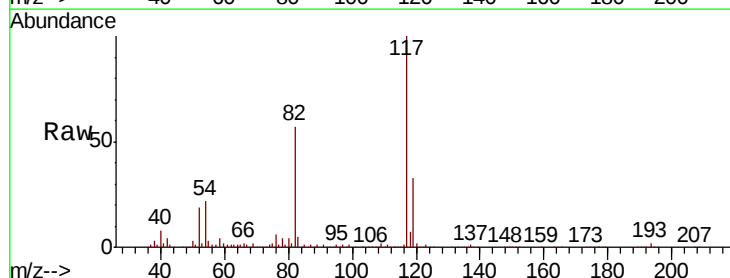
Instrument :
MSVOA_Y
ClientSampleId :

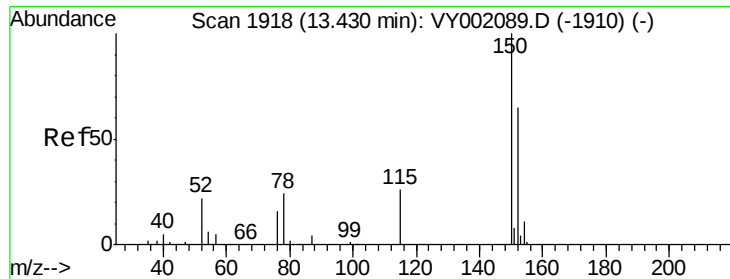
Tot Ion	95	Resp	94435
Ion Ratio	100		
Lower			
Upper			
174	72.3	0.0	143.4
176	69.5	0.0	137.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002179.D
Acq: 01 Apr 2020 21:17

Tgt Ion	117	Resp	214024
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower			
Upper			
82	56.5	45.4	68.2
119	33.0	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: VY002179.D

Acq: 01 Apr 2020 21:17

Instrument :

MSVOA_Y

ClientSampled :

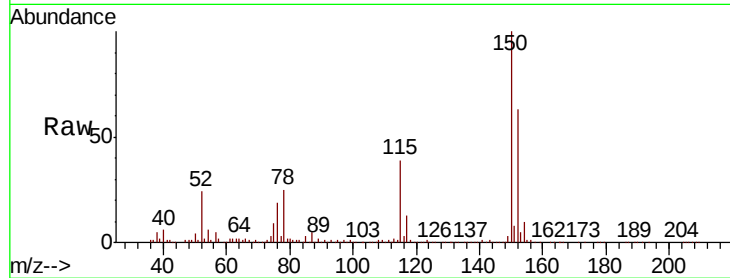
Tot Ion:152 Resp: 84327

Ion Ratio Lower Upper

152 100

115 63.2 31.2 93.6

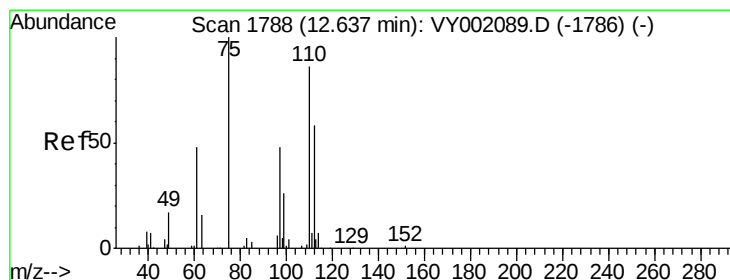
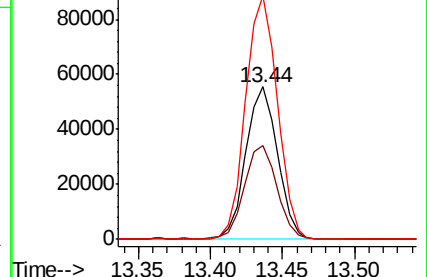
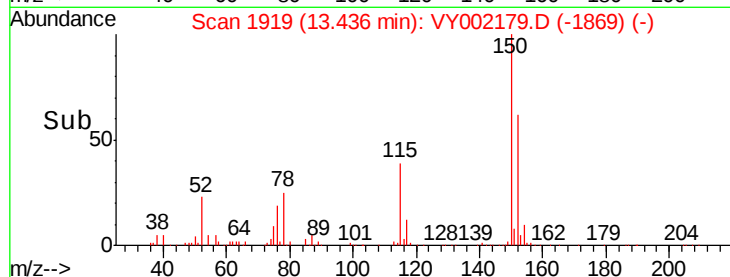
150 160.0 0.0 354.8



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: 51.907 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY002179.D

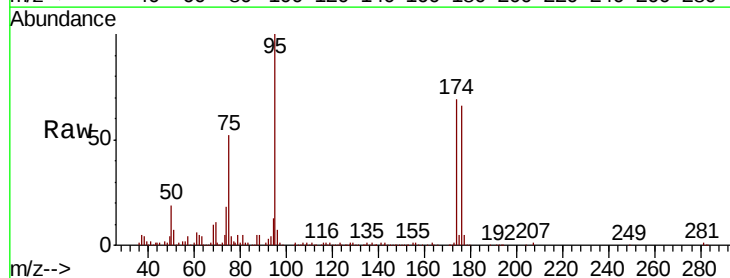
Acq: 01 Apr 2020 21:17

Tgt Ion: 75 Resp: 48963

Ion Ratio Lower Upper

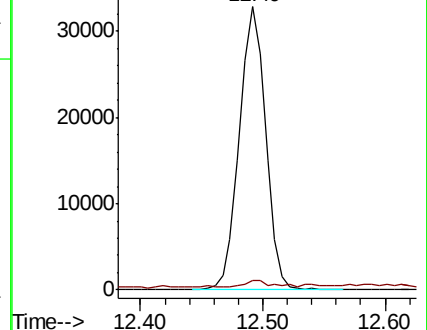
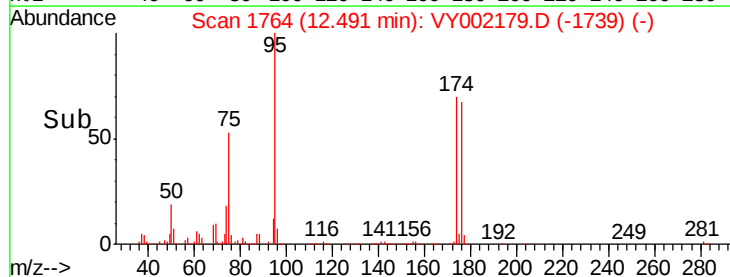
75 100

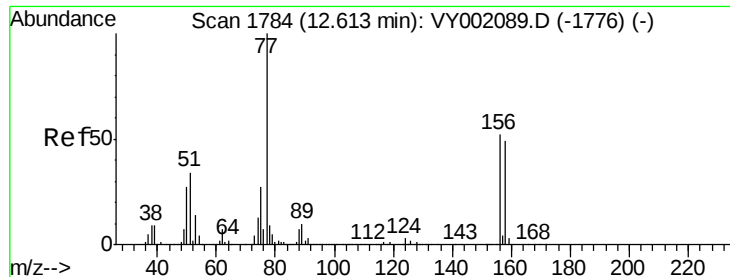
77 2.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 3.286 ug/l

RT: 12.55 min Scan# 1773

Delta R.T. -0.07 min

Lab File: VY002179.D

Acq: 01 Apr 2020 21:17

Instrument :

MSVOA_Y

ClientSampled :

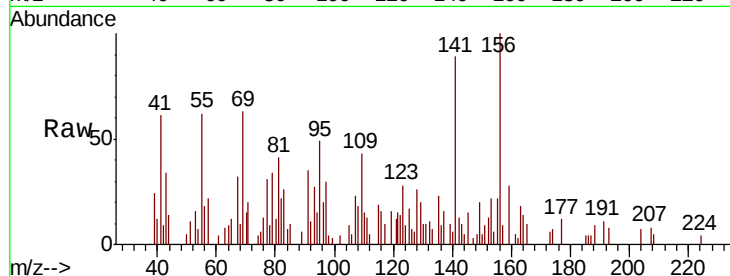
Tot Ion:156 Resp: 4388

Ion Ratio Lower Upper

156 100

77 0.0 107.8 323.6#

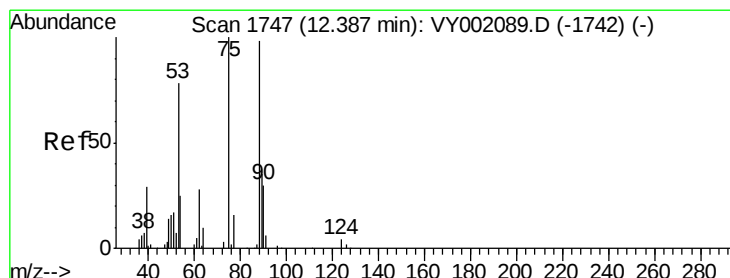
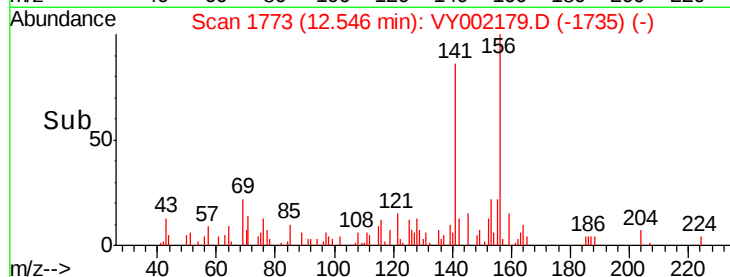
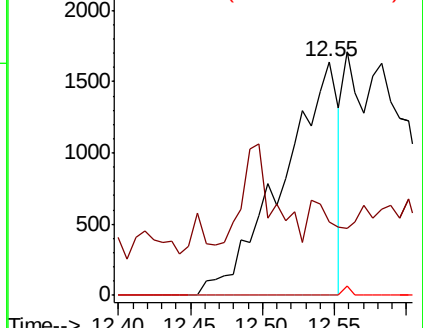
158 0.5 47.5 142.6#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#81

trans-1,4-Dichloro-2-butene

Concen: 100.563 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY002179.D

Acq: 01 Apr 2020 21:17

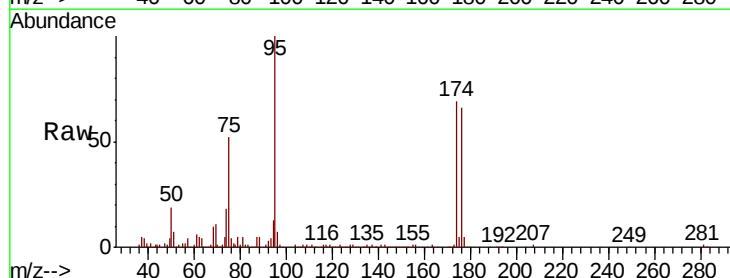
Tgt Ion: 75 Resp: 48963

Ion Ratio Lower Upper

75 100

53 0.6 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

