

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122419\
 Data File : VY001046.D
 Acq On : 24 Dec 2019 14:32
 Operator : SY/MD
 Sample : K6413-03
 Misc : 8.18G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 K005-AA-SB3

Quant Time: Dec 25 01:38:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 12:07:44 2019
 Response via : Initial Calibration

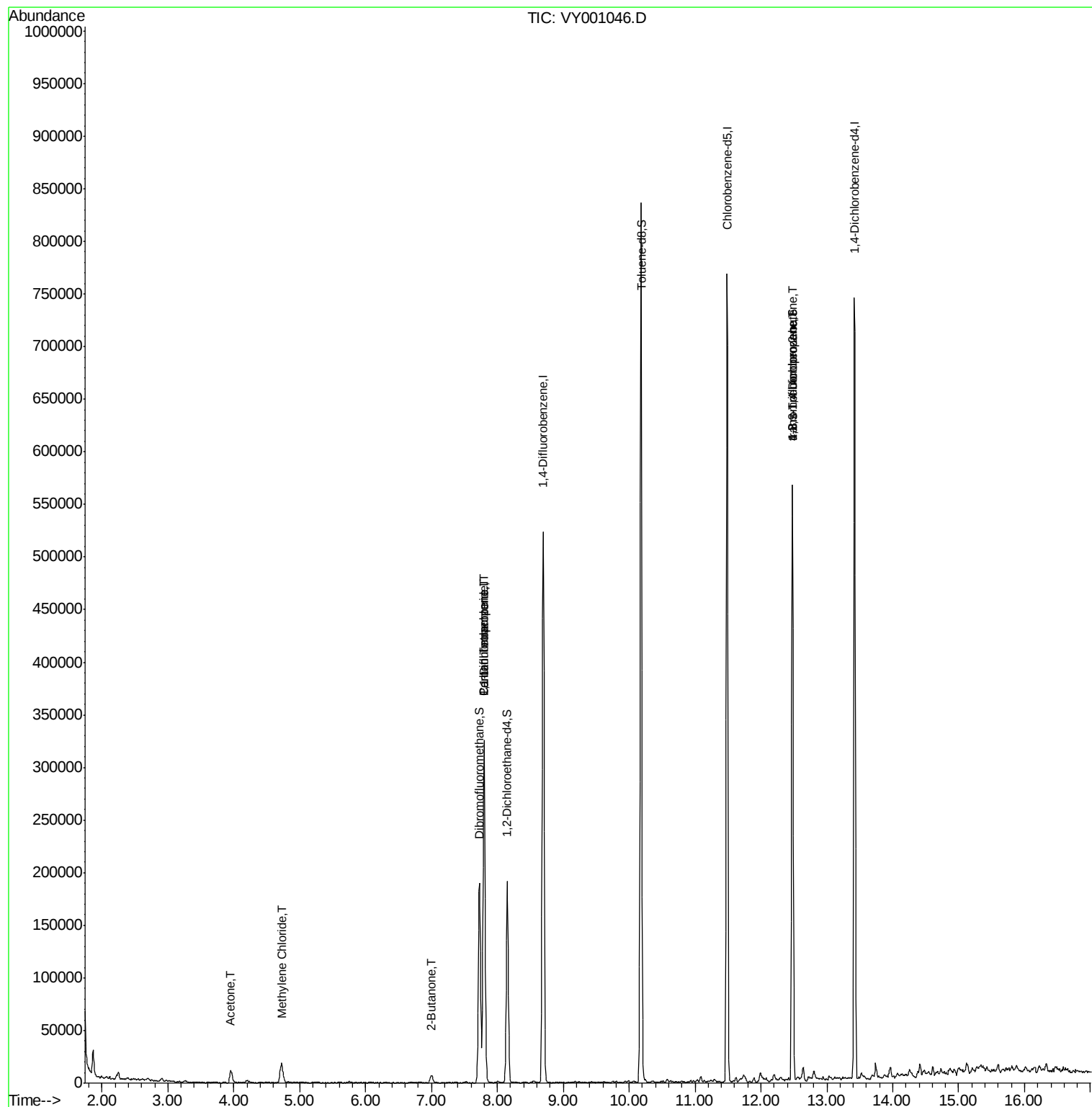
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	248607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	470384	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	417086	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	186448	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	137625	56.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.26%	
35) Dibromofluoromethane	7.73	113	137208	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.08%	
50) Toluene-d8	10.18	98	555706	51.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.68%	
62) 4-Bromofluorobenzene	12.48	95	180066	45.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.00%	
Target Compounds						
16) Acetone	3.95	43	19043	33.712	ug/l	98
20) Methylene Chloride	4.72	84	14024	4.218	ug/l #	78
25) 2-Butanone	7.00	43	5525	5.568	ug/l #	82
36) 1,1-Dichloropropene	7.80	75	19834	4.420	ug/l #	50
38) Carbon Tetrachloride	7.80	117	24442	6.217	ug/l #	17
76) 1,2,3-Trichloropropane	12.47	75	89297	38.850	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.47	75	89297	82.857	ug/l #	19

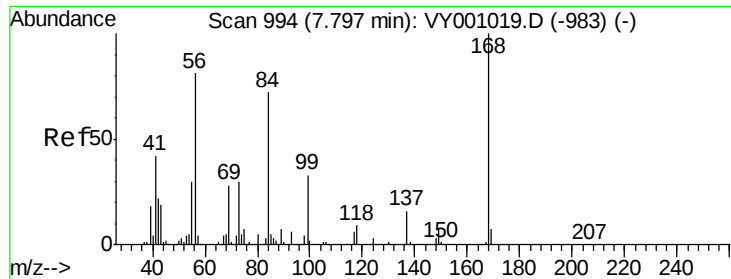
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY122419\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
Quant Title : SW846 8260
QLast Update : Mon Dec 23 12:07:44 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001046.D

Acq: 24 Dec 2019 14:32

Instrument :

MSVOA_Y

ClientSampleId :

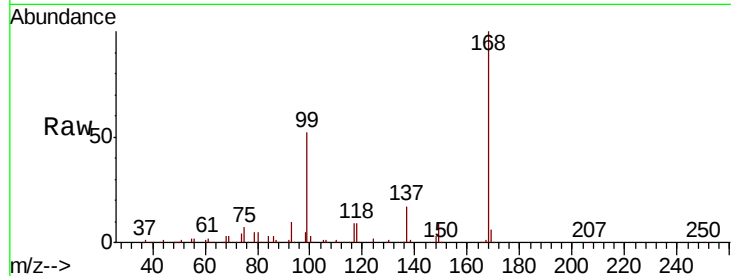
K005-AA-SB3

Tgt Ion:168 Resp: 248607

Ion Ratio Lower Upper

168 100

99 51.8 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VY001019.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001019.D (-983) (-)

7.80

120000

100000

80000

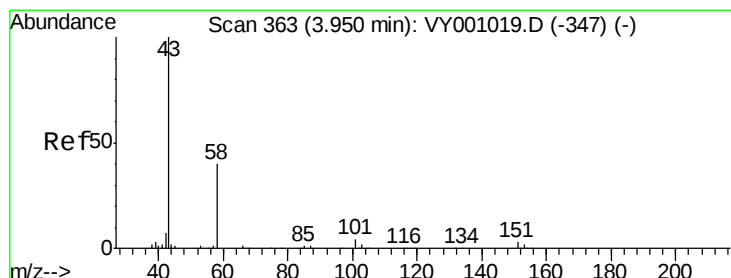
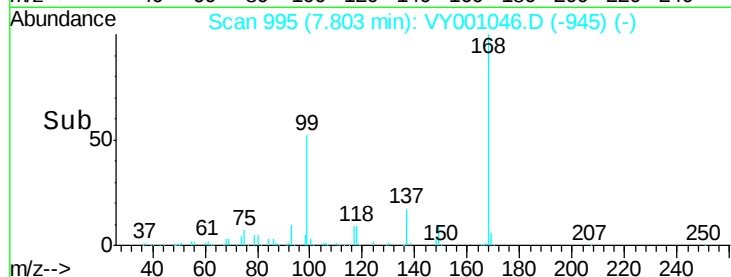
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 33.712 ug/l

RT: 3.95 min Scan# 363

Delta R.T. 0.00 min

Lab File: VY001046.D

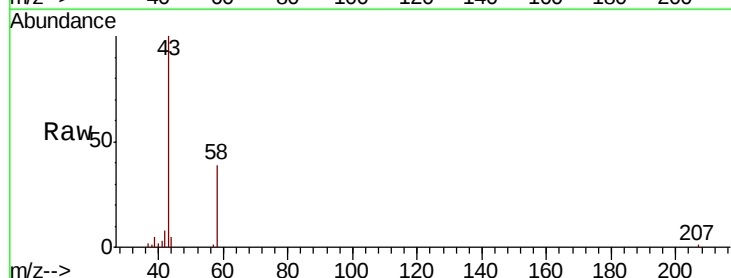
Acq: 24 Dec 2019 14:32

Tgt Ion: 43 Resp: 19043

Ion Ratio Lower Upper

43 100

58 39.2 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VY001019.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY001019.D (-347) (-)

3.95

8000

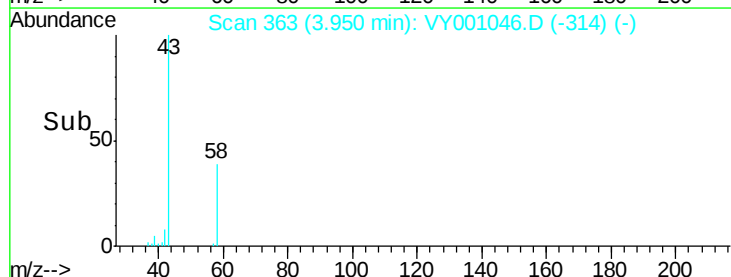
6000

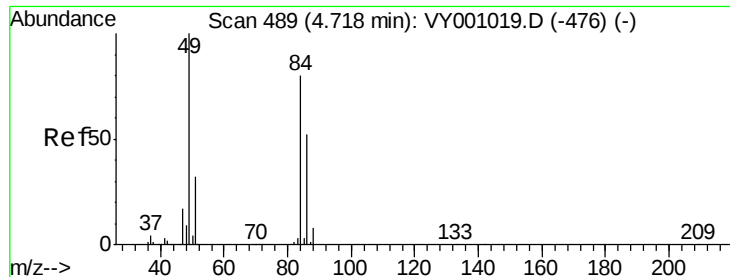
4000

2000

0

Time-->

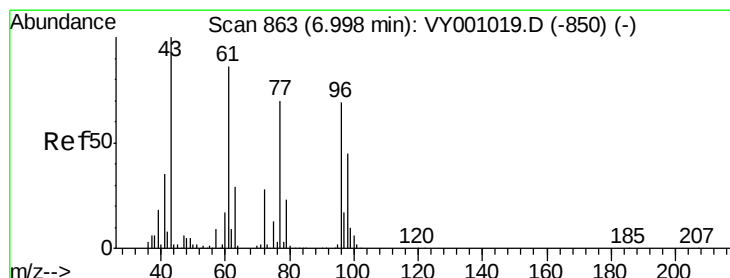
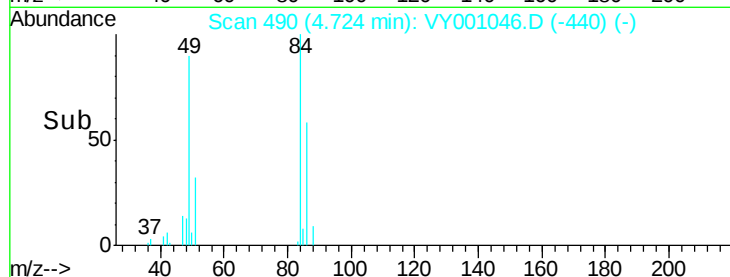
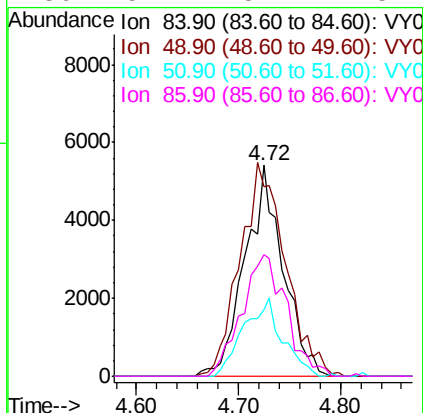
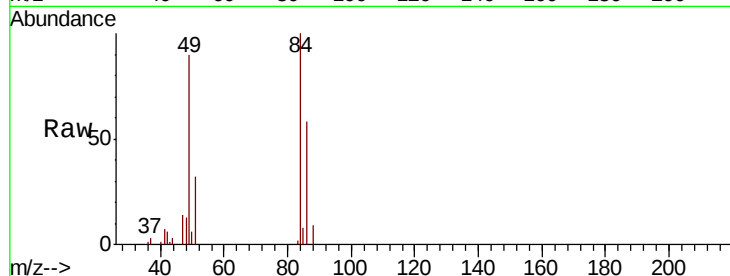




#20
Methylene Chloride
Concen: 4.218 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY001046.D
Acq: 24 Dec 2019 14:32

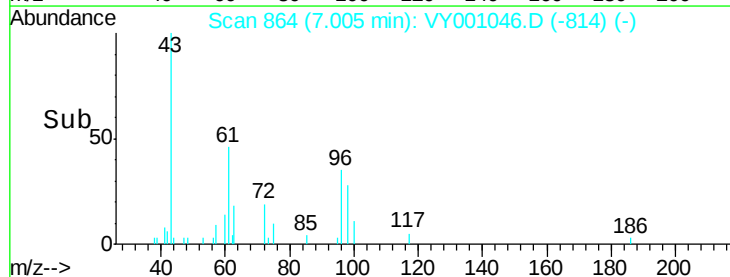
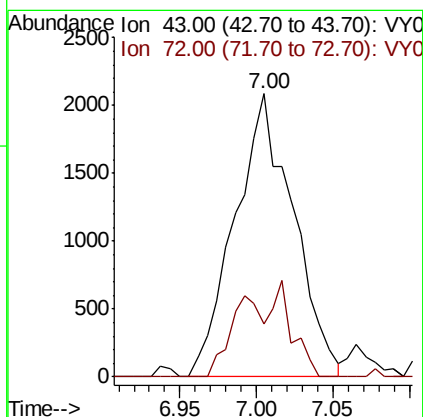
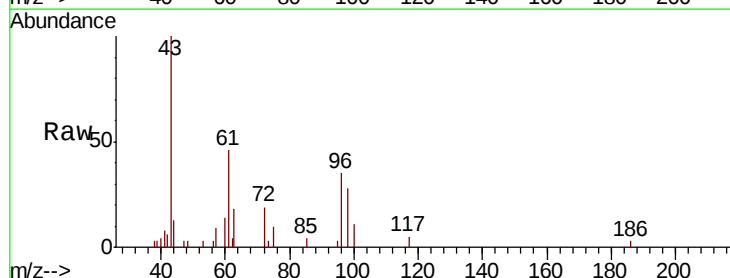
Instrument :
MSVOA_Y
ClientSampleId :
K005-AA-SB3

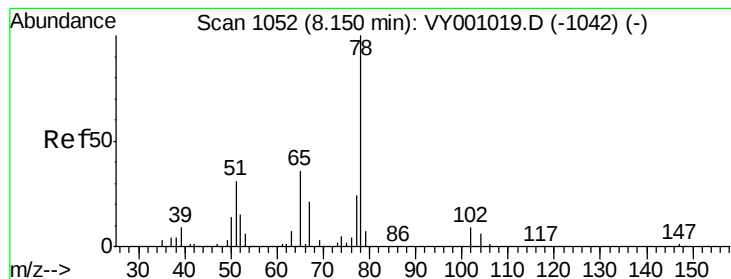
Tgt Ion: 84 Resp: 14024
Ion Ratio Lower Upper
84 100
49 89.8 99.8 149.6#
51 31.7 31.4 47.2
86 57.7 52.2 78.2



#25
2-Butanone
Concen: 5.568 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY001046.D
Acq: 24 Dec 2019 14:32

Tgt Ion: 43 Resp: 5525
Ion Ratio Lower Upper
43 100
72 18.5 22.4 33.6#





#33

1,2-Dichloroethane-d4

Concen: 56.129 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY001046.D

Acq: 24 Dec 2019 14:32

Instrument :

MSVOA_Y

ClientSampleId :

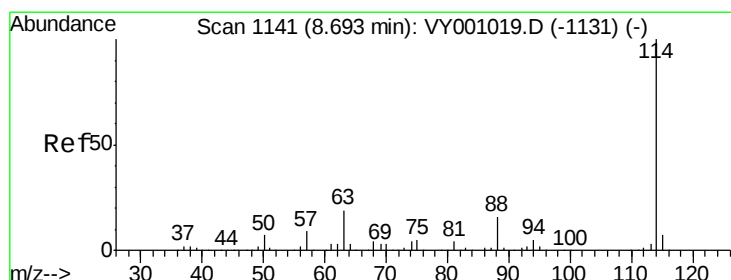
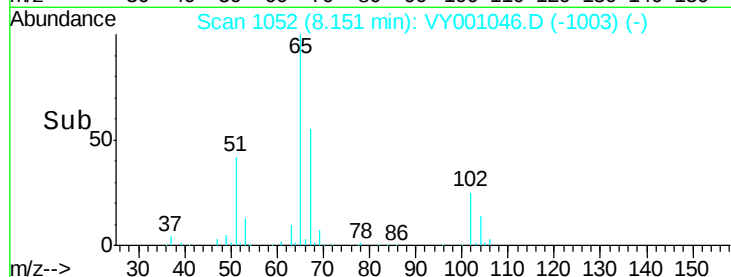
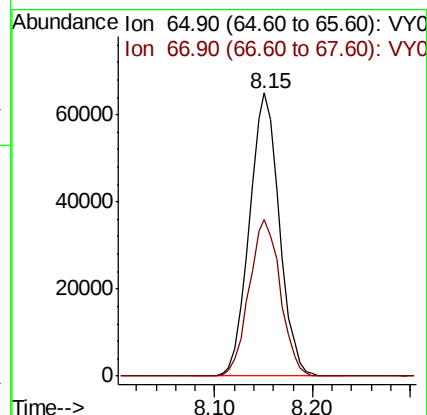
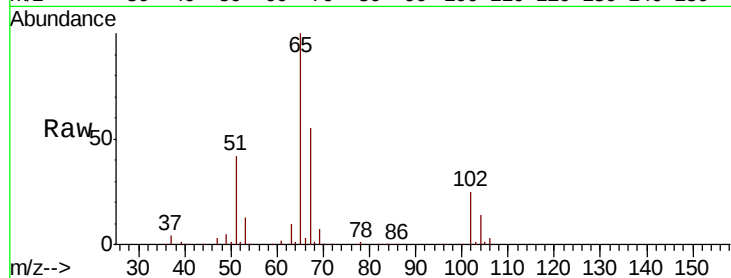
K005-AA-SB3

Tgt Ion: 65 Resp: 137625

Ion Ratio Lower Upper

65 100

67 57.7 0.0 112.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY001046.D

Acq: 24 Dec 2019 14:32

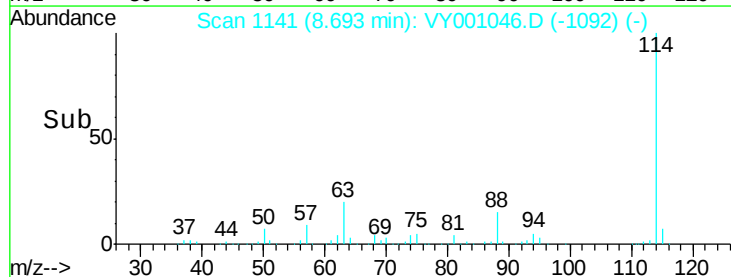
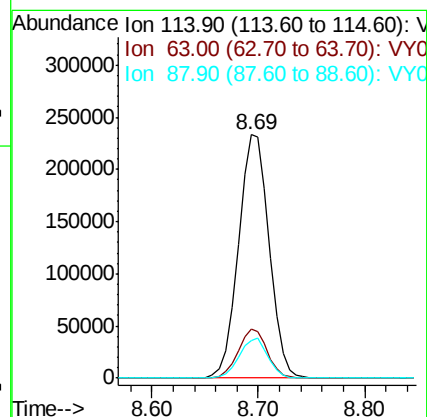
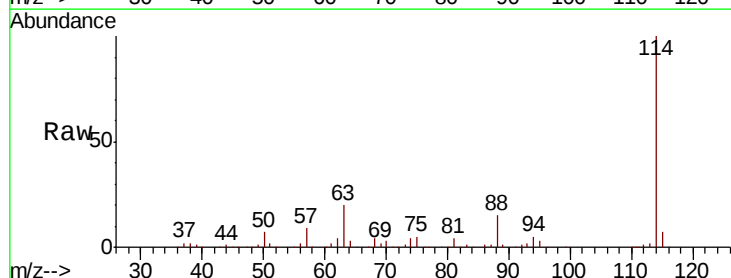
Tgt Ion: 114 Resp: 470384

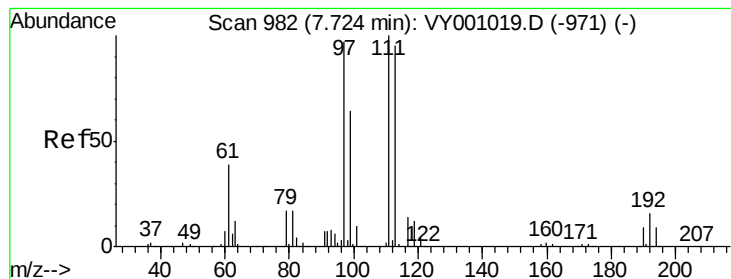
Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.0

88 15.5 0.0 32.0





#35

Dibromofluoromethane

Concen: 49.536 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001046.D

Acq: 24 Dec 2019 14:32

Instrument :

MSVOA_Y

ClientSampleId :

K005-AA-SB3

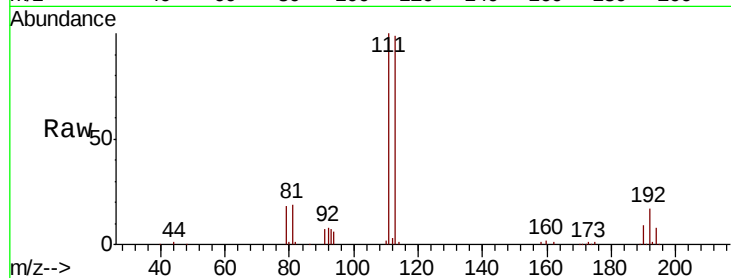
Tgt Ion:113 Resp: 137208

Ion Ratio Lower Upper

113 100

111 102.0 83.0 124.4

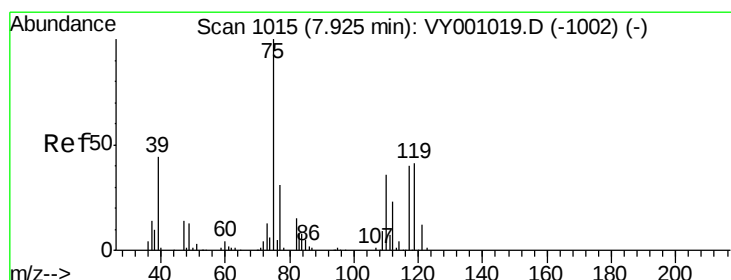
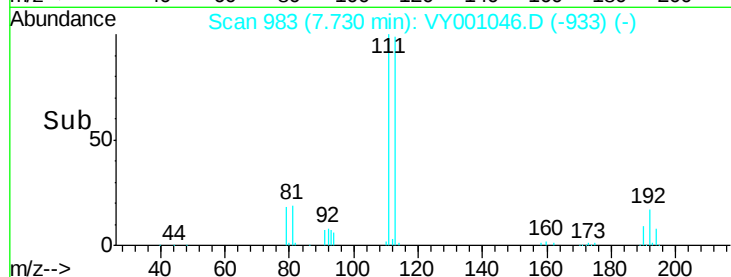
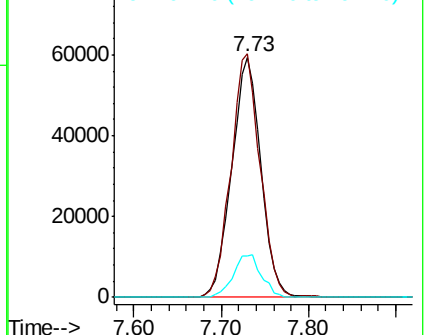
192 17.3 14.6 21.8



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: 4.420 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY001046.D

Acq: 24 Dec 2019 14:32

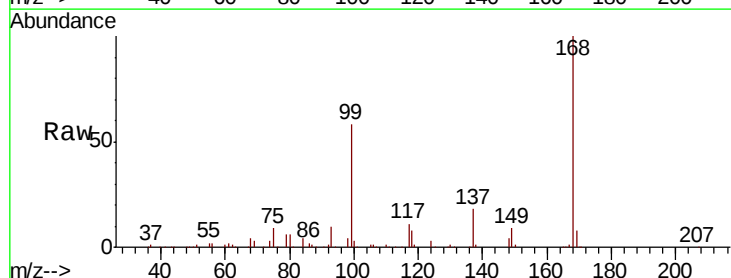
Tgt Ion: 75 Resp: 19834

Ion Ratio Lower Upper

75 100

110 9.4 18.1 54.4#

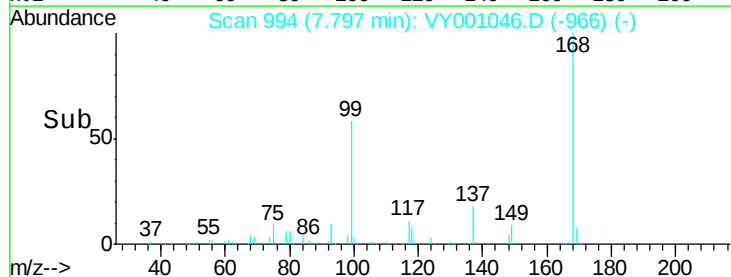
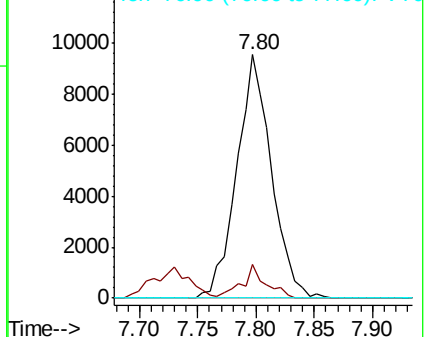
77 0.0 24.6 37.0#

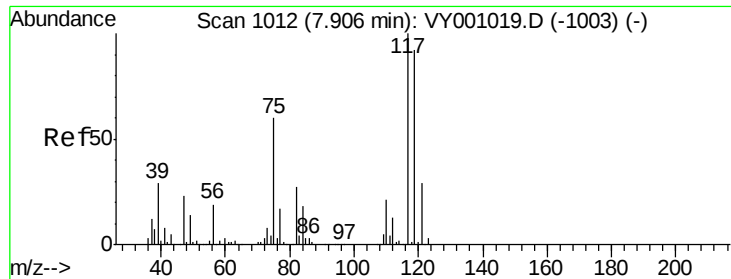


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#38

Carbon Tetrachloride

Concen: 6.217 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY001046.D

Acq: 24 Dec 2019 14:32

Instrument :

MSVOA_Y

ClientSampleId :

K005-AA-SB3

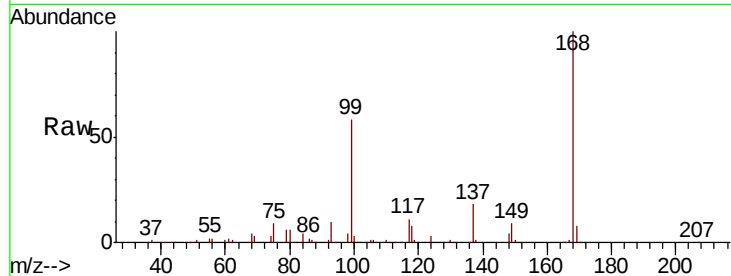
Tgt Ion:117 Resp: 24442

Ion Ratio Lower Upper

117 100

119 4.7 74.2 111.2#

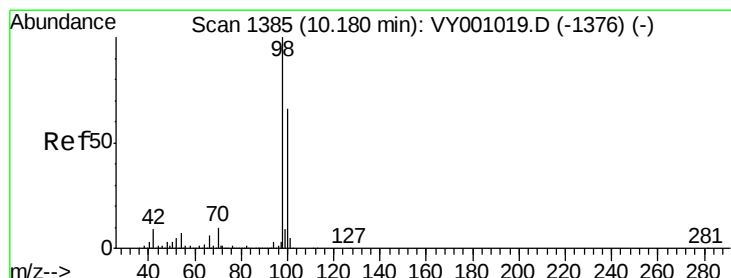
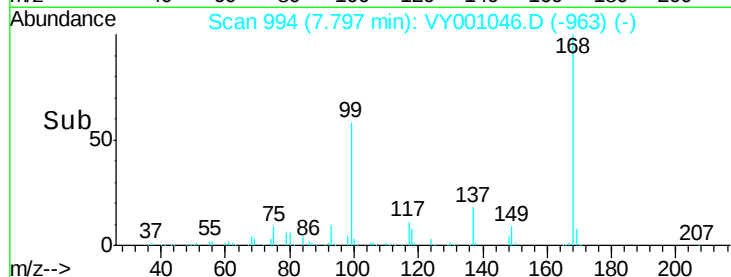
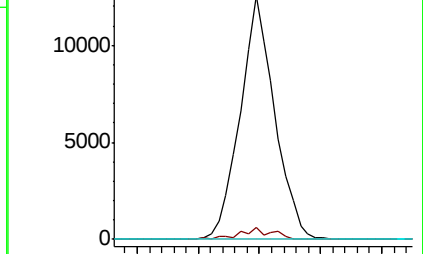
121 0.0 22.9 34.3#



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: 51.337 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001046.D

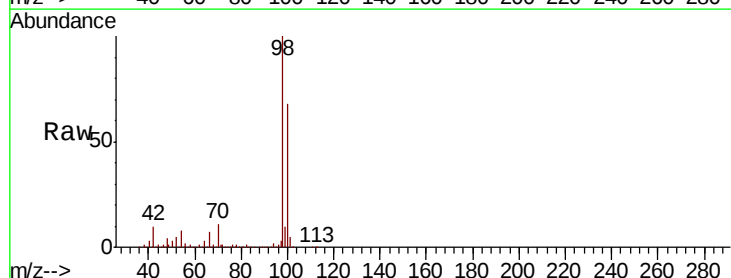
Acq: 24 Dec 2019 14:32

Tgt Ion: 98 Resp: 555706

Ion Ratio Lower Upper

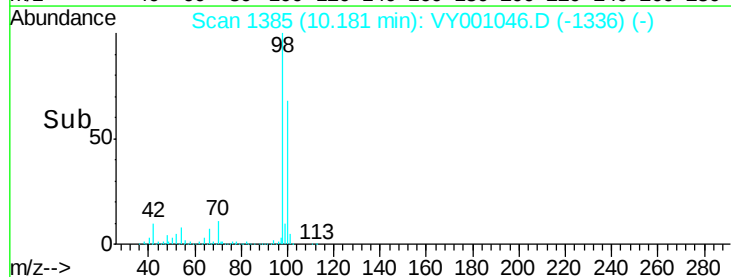
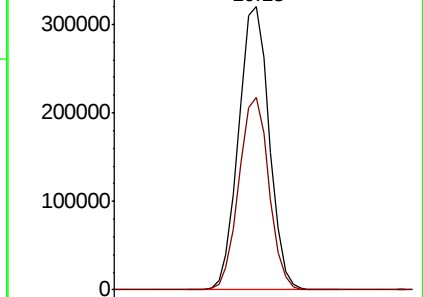
98 100

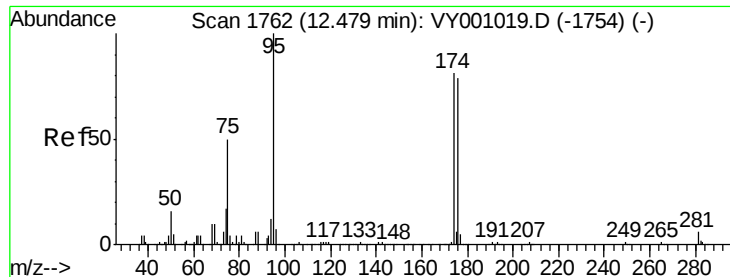
100 66.5 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 45.498 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY001046.D

Acq: 24 Dec 2019 14:32

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ClientSampleId :

K005-AA-SB3

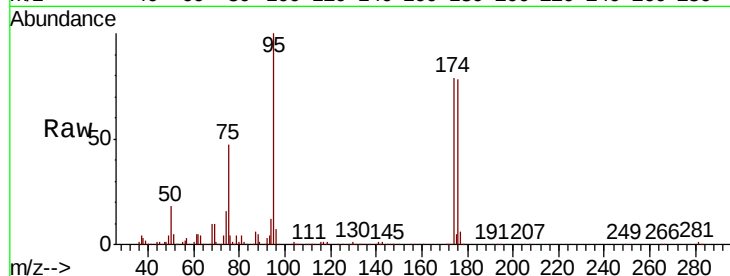
Tgt Ion: 95 Resp: 180066

Ion Ratio Lower Upper

95 100

174 77.0 0.0 156.4

176 77.5 0.0 155.0

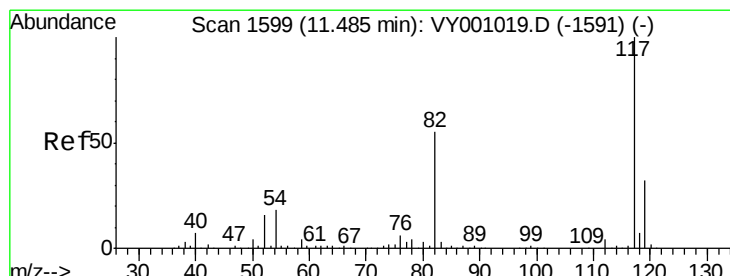
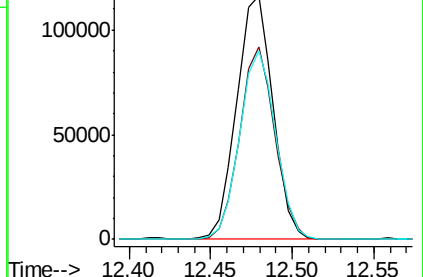
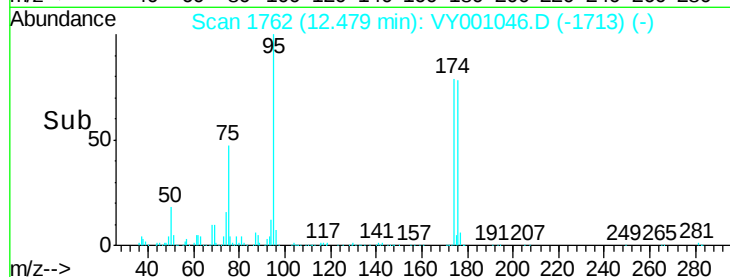


Abundance Ion 94.90 (94.60 to 95.60): VY001019.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY001019.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY001019.D (-1754) (-)

12.48



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VY001046.D

Acq: 24 Dec 2019 14:32

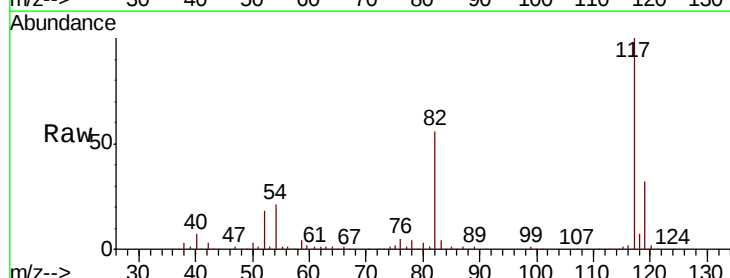
Tgt Ion: 117 Resp: 417086

Ion Ratio Lower Upper

117 100

82 56.3 43.8 65.8

119 31.9 25.8 38.6

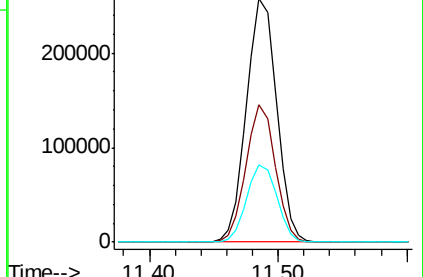
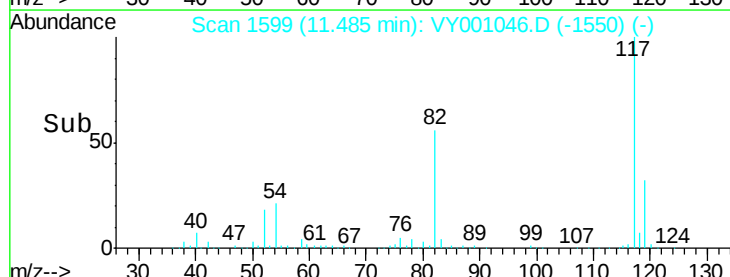


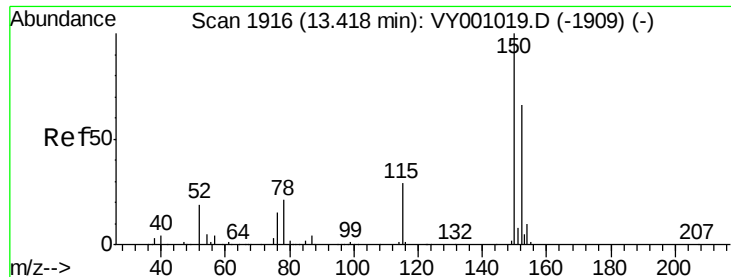
Abundance Ion 116.90 (116.60 to 117.60): VY001019.D (-1591) (-)

Ion 82.00 (81.70 to 82.70): VY001019.D (-1591) (-)

Ion 118.90 (118.60 to 119.60): VY001019.D (-1591) (-)

11.49





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VY001046.D

Acq: 24 Dec 2019 14:32

Instrument :

MSVOA_Y

ClientSampleId :

K005-AA-SB3

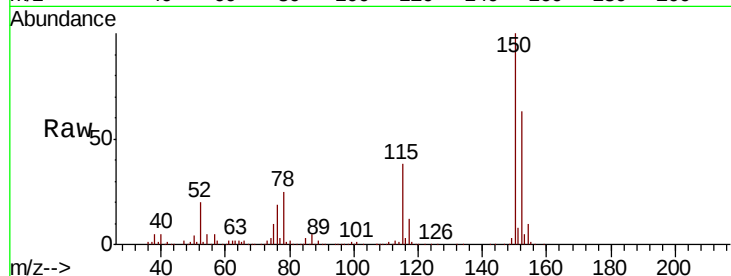
Tgt Ion:152 Resp: 186448

Ion Ratio Lower Upper

152 100

115 59.8 29.8 89.3

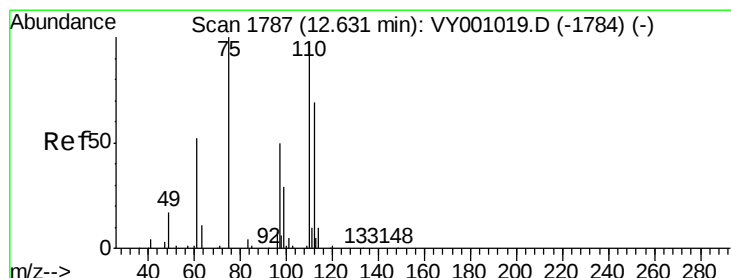
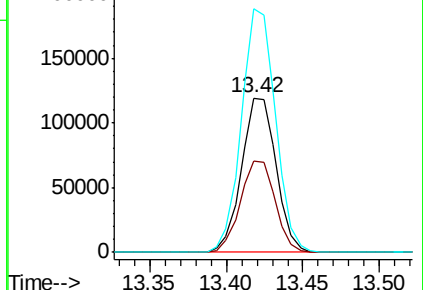
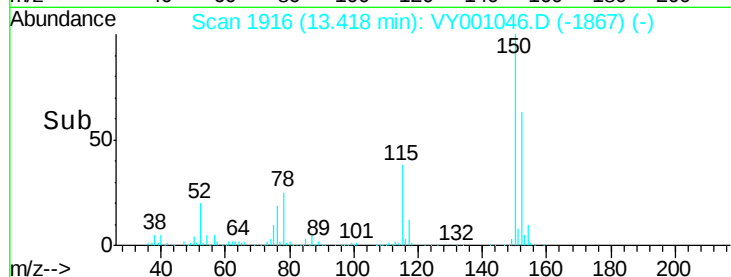
150 155.6 0.0 352.6



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: 38.850 ug/l

RT: 12.47 min Scan# 1761

Delta R.T. -0.16 min

Lab File: VY001046.D

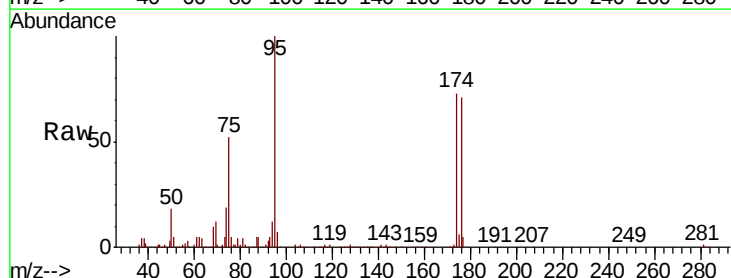
Acq: 24 Dec 2019 14:32

Tgt Ion: 75 Resp: 89297

Ion Ratio Lower Upper

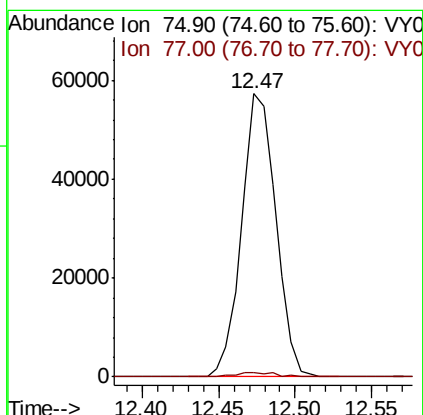
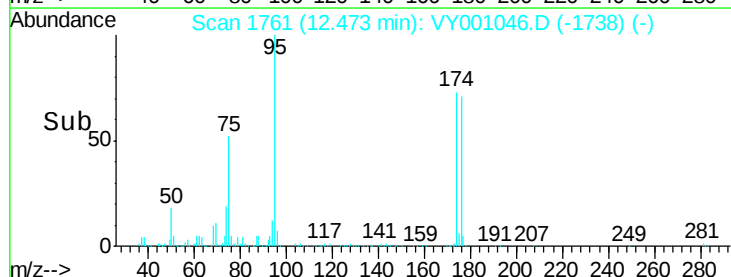
75 100

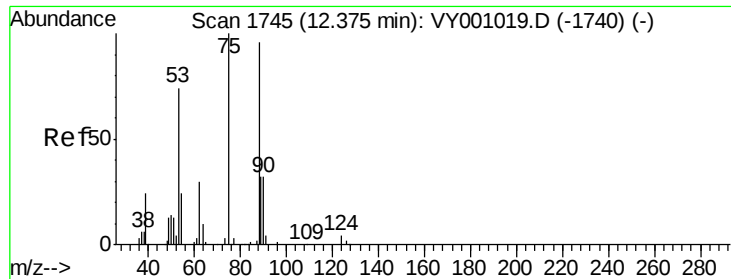
77 2.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#81

trans-1,4-Dichloro-2-butene

Concen: 82.857 ug/l

RT: 12.47 min Scan# 1761

Delta R.T. 0.10 min

Lab File: VY001046.D

Acq: 24 Dec 2019 14:32

Instrument :

MSVOA_Y

ClientSampleId :

K005-AA-SB3

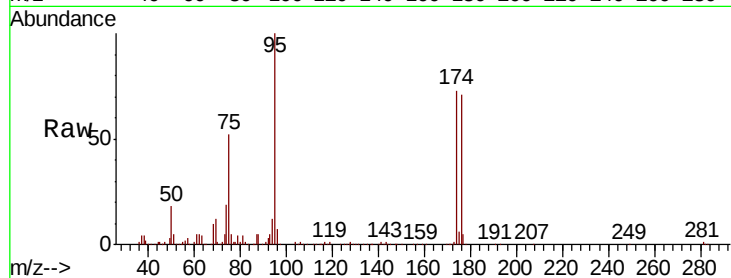
Tgt Ion: 75 Resp: 89297

Ion Ratio Lower Upper

75 100

53 0.2 60.6 91.0#

89 0.3 35.4 53.0#



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

