

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041320\
 Data File : VY002294.D
 Acq On : 13 Apr 2020 20:30
 Operator : SY/MD
 Sample : L2223-02
 Misc : 6.65G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 14 07:52:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

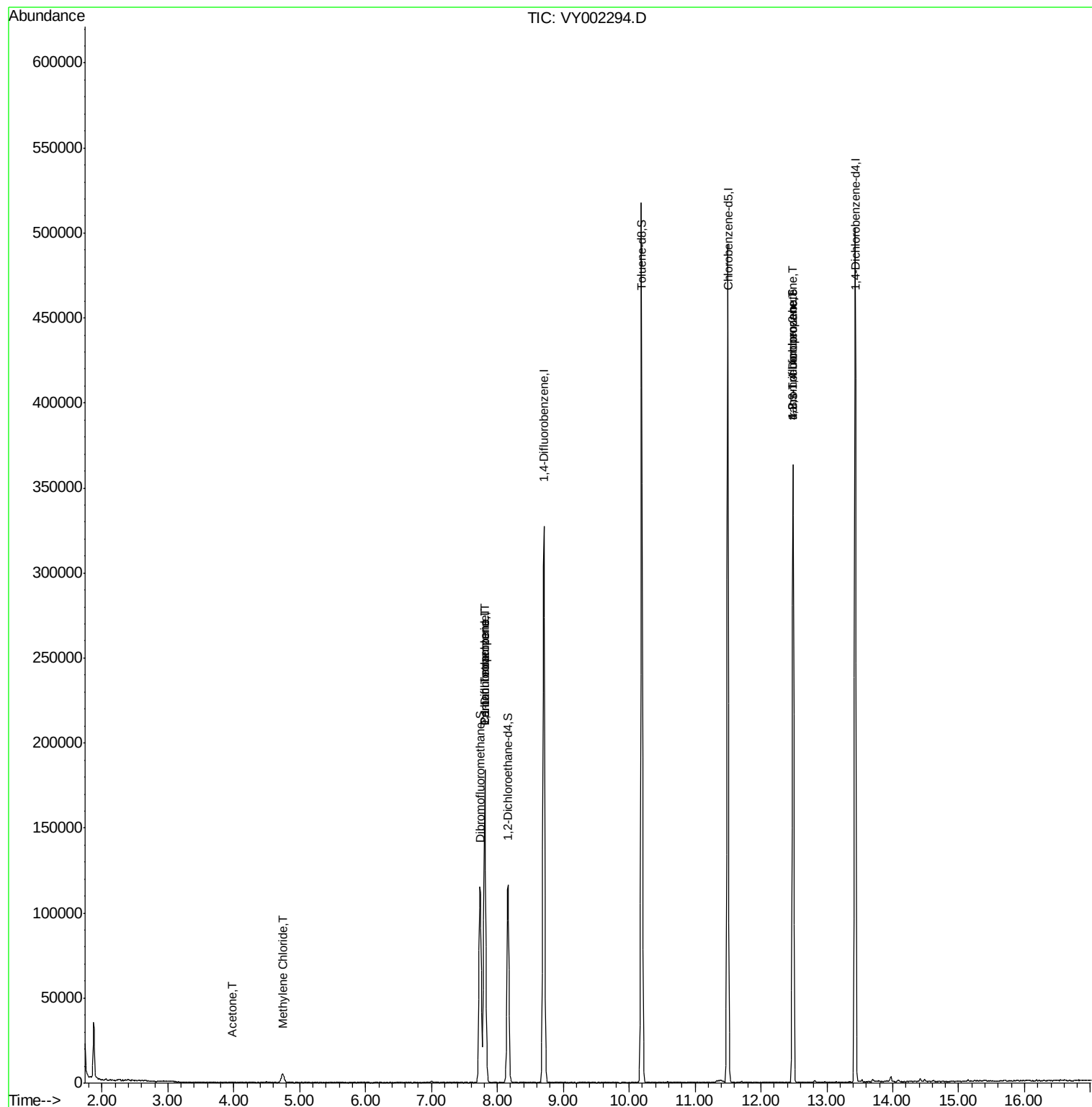
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	142037	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	285196	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	268487	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	122877	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	85332	54.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.04%	
35) Dibromofluoromethane	7.74	113	85201	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.42%	
50) Toluene-d8	10.19	98	347782	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	
62) 4-Bromofluorobenzene	12.49	95	120402	51.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.76%	
Target Compounds				Qvalue		
16) Acetone	3.97	43	553	1.329	ug/l #	79
20) Methylene Chloride	4.74	84	3915	1.915	ug/l	95
36) 1,1-Dichloropropene	7.80	75	11729	4.175	ug/l #	49
38) Carbon Tetrachloride	7.80	117	14419	6.001	ug/l #	15
76) 1,2,3-Trichloropropane	12.49	75	58541	41.027	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	58541	79.798	ug/l #	19

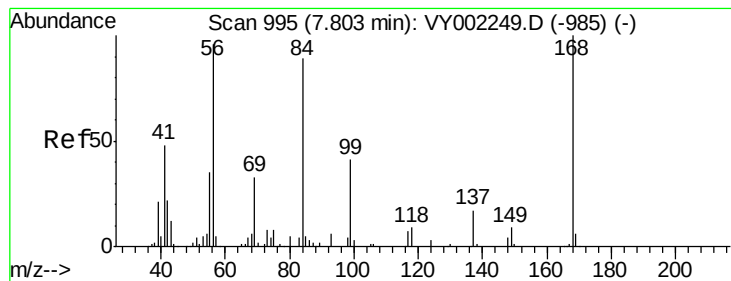
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY041320\
Data File : VY002294.D
Acq On : 13 Apr 2020 20:30
Operator : SY/MD
Sample : L2223-02
Misc : 6.65G/5ML/MSVOA Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Apr 14 07:52:58 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 08 15:15:02 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002294.D

Acq: 13 Apr 2020 20:30

Instrument :

MSVOA_Y

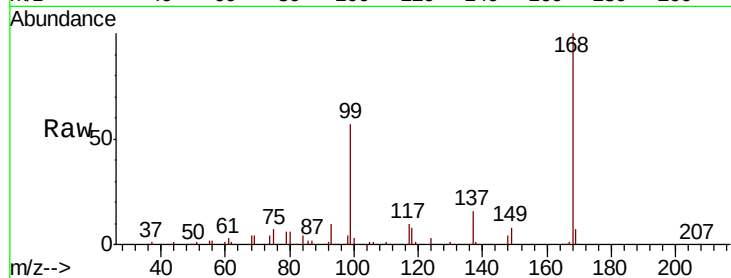
ClientSampled :

Tot Ion:168 Resp: 142037

Ion Ratio Lower Upper

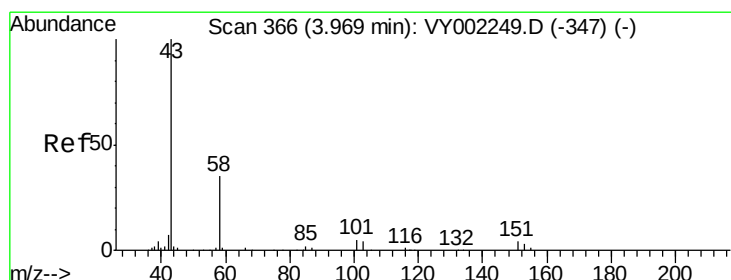
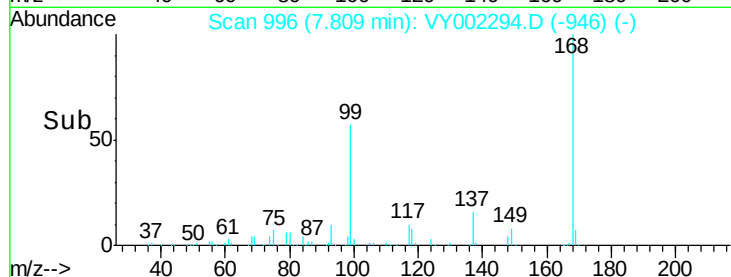
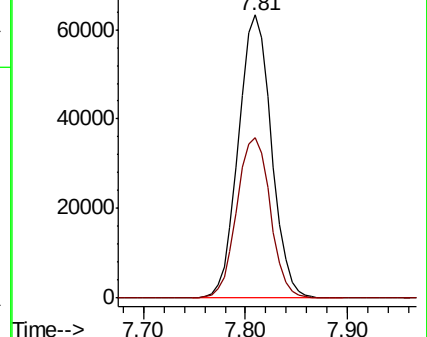
168 100

99 56.5 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002294.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002294.D (-985) (-)



#16

Acetone

Concen: 1.329 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.00 min

Lab File: VY002294.D

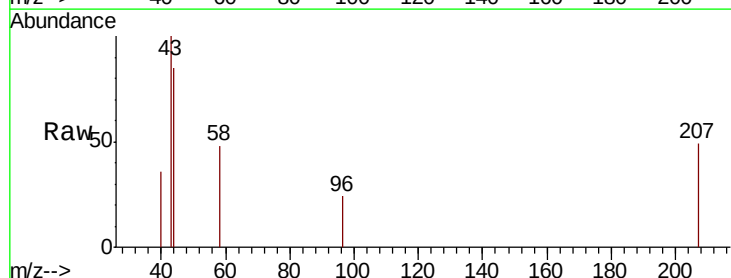
Acq: 13 Apr 2020 20:30

Tgt Ion: 43 Resp: 553

Ion Ratio Lower Upper

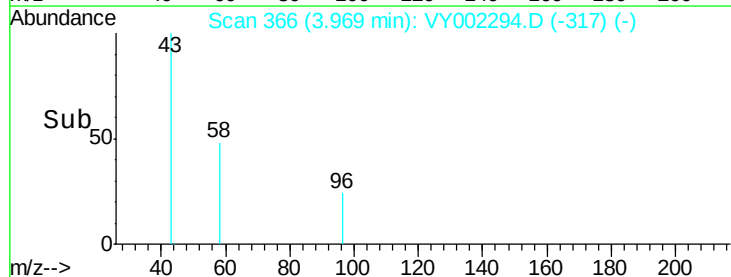
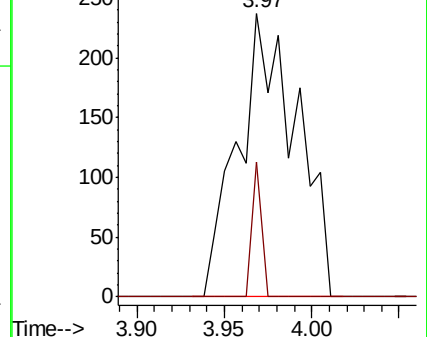
43 100

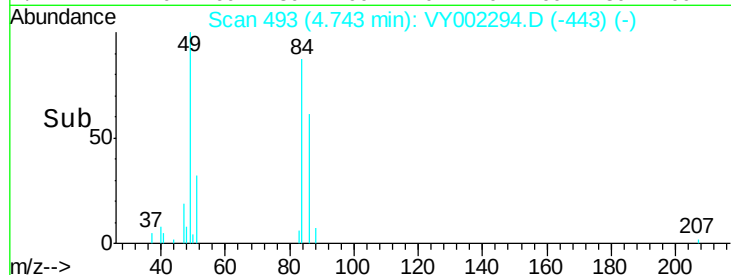
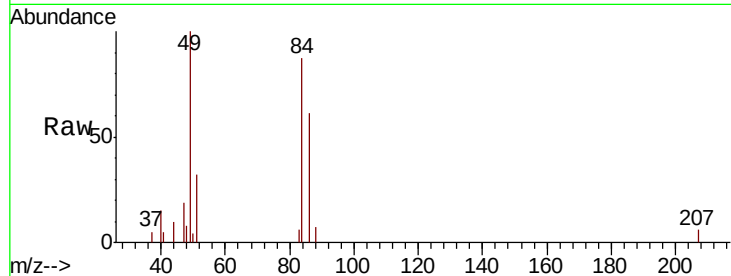
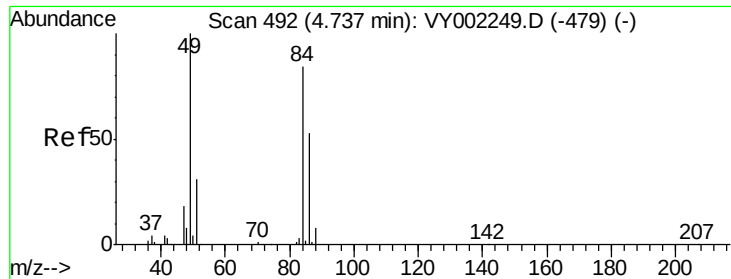
58 47.7 28.5 42.7#



Abundance Ion 43.00 (42.70 to 43.70): VY002294.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002294.D (-347) (-)

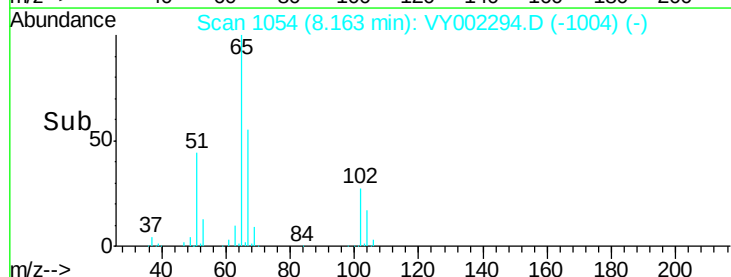
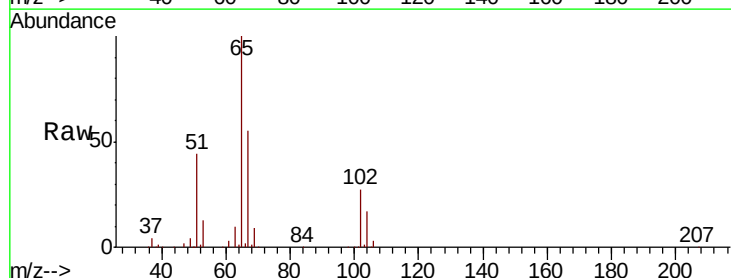
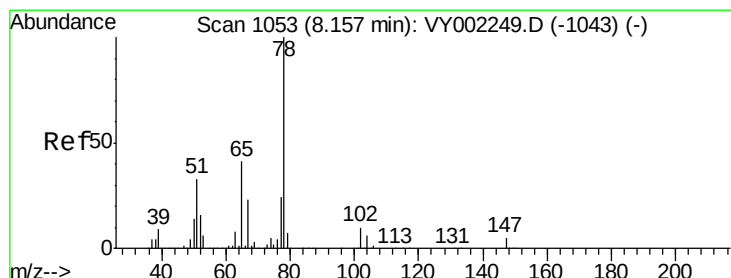
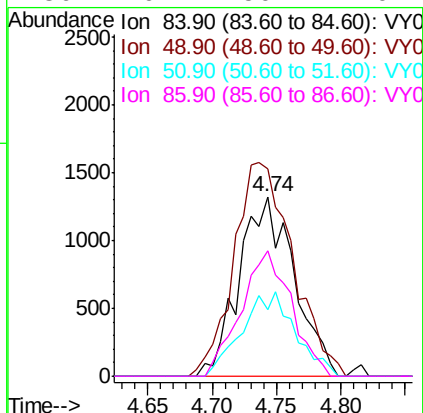




#20
Methylene Chloride
Concen: 1.915 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.01 min
Lab File: VY002294.D
Acq: 13 Apr 2020 20:30

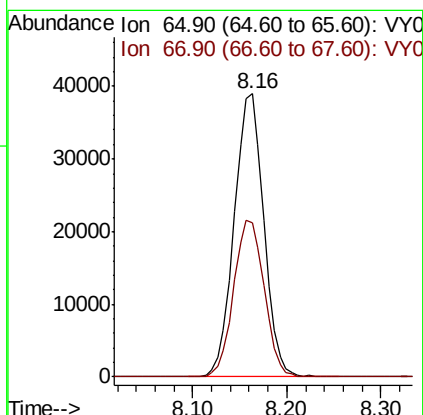
Instrument :
MSVOA_Y
ClientSampled :

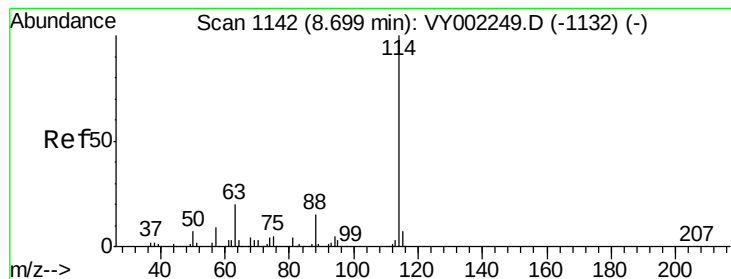
Tot Ion: 84 Resp: 3915
Ion Ratio Lower Upper
84 100
49 115.4 95.5 143.3
51 37.1 29.5 44.3
86 70.2 50.7 76.1



#33
1,2-Dichloroethane-d4
Concen: 54.023 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.01 min
Lab File: VY002294.D
Acq: 13 Apr 2020 20:30

Tgt Ion: 65 Resp: 85332
Ion Ratio Lower Upper
65 100
67 57.1 0.0 114.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. 0.01 min

Lab File: VY002294.D

Acq: 13 Apr 2020 20:30

Instrument :

MSVOA_Y

ClientSampleId :

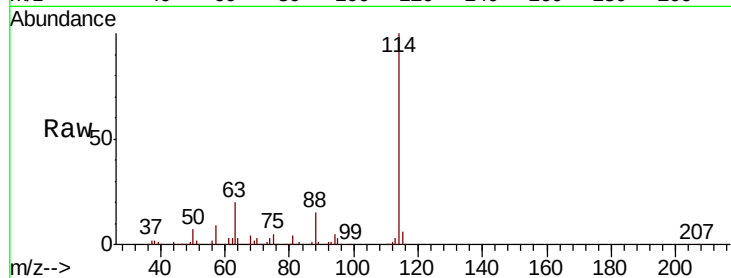
Tot Ion:114 Resp: 285196

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.0

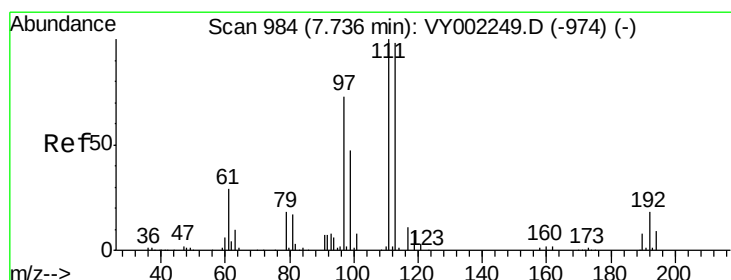
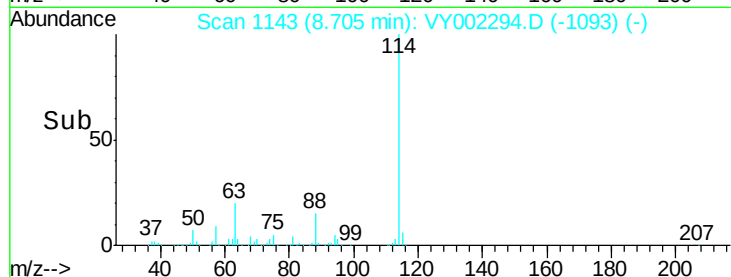
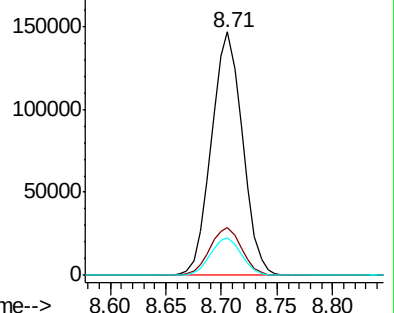
88 15.2 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 50.207 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.00 min

Lab File: VY002294.D

Acq: 13 Apr 2020 20:30

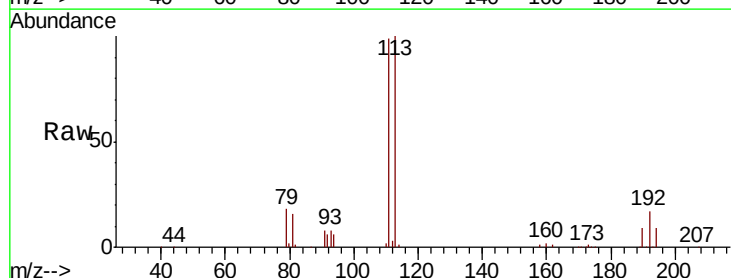
Tgt Ion:113 Resp: 85201

Ion Ratio Lower Upper

113 100

111 101.9 83.5 125.3

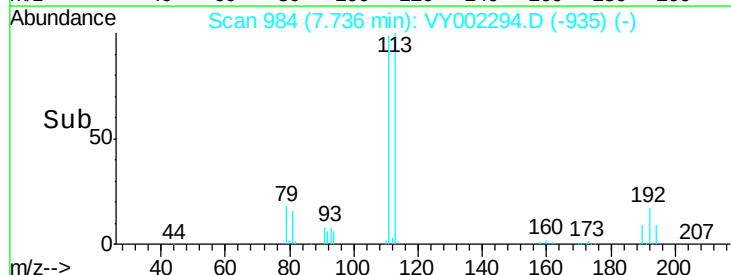
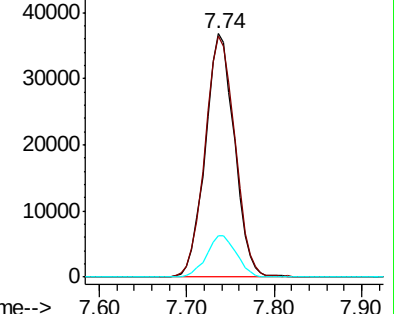
192 17.6 14.7 22.1

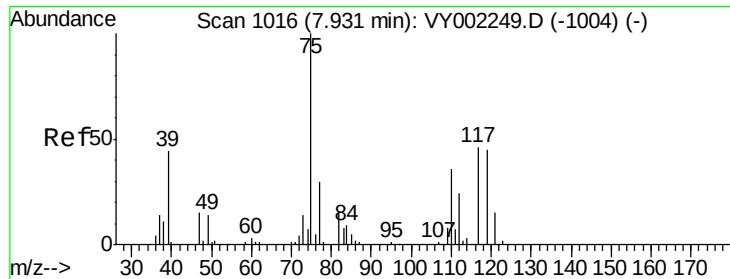


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.175 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.13 min

Lab File: VY002294.D

Acq: 13 Apr 2020 20:30

Instrument :

MSVOA_Y

ClientSampleId :

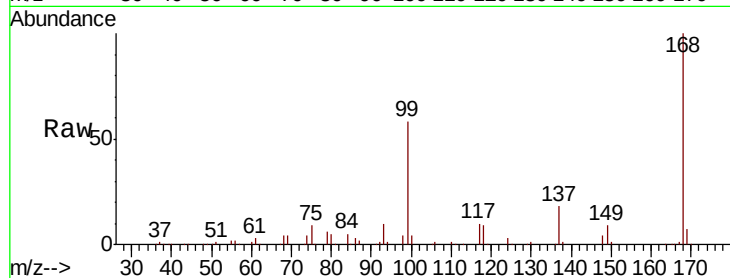
Tot Ion: 75 Resp: 11729

Ion Ratio Lower Upper

75 100

110 8.5 17.8 53.3#

77 0.0 24.4 36.6#

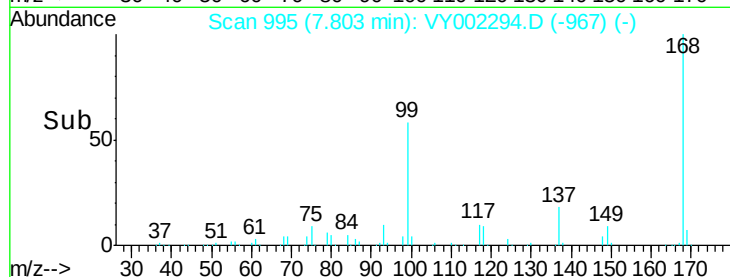


Abundance Ion 74.90 (74.60 to 75.60): VY002294.D (-967) (-)

Ion 109.90 (109.60 to 110.60): VY002294.D (-967) (-)

Ion 76.90 (76.60 to 77.60): VY002294.D (-967) (-)

Time-->

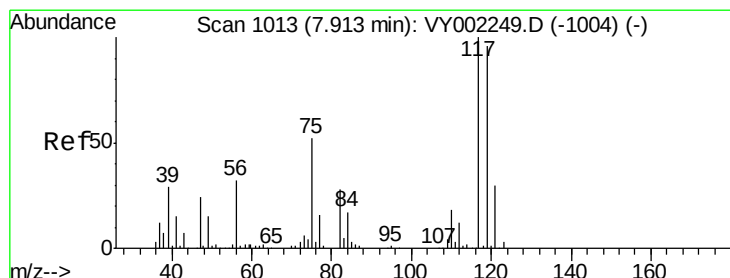


Abundance Ion 74.90 (74.60 to 75.60): VY002294.D (-967) (-)

Ion 109.90 (109.60 to 110.60): VY002294.D (-967) (-)

Ion 76.90 (76.60 to 77.60): VY002294.D (-967) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 6.001 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.11 min

Lab File: VY002294.D

Acq: 13 Apr 2020 20:30

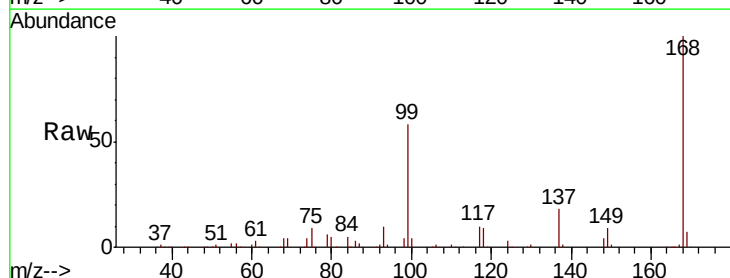
Tgt Ion: 117 Resp: 14419

Ion Ratio Lower Upper

117 100

119 4.7 77.1 115.7#

121 0.0 23.9 35.9#

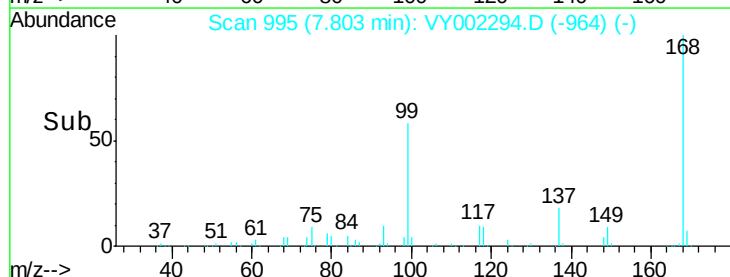


Abundance Ion 116.80 (116.50 to 117.50): VY002294.D (-964) (-)

Ion 118.80 (118.50 to 119.50): VY002294.D (-964) (-)

Ion 120.80 (120.50 to 121.50): VY002294.D (-964) (-)

Time-->

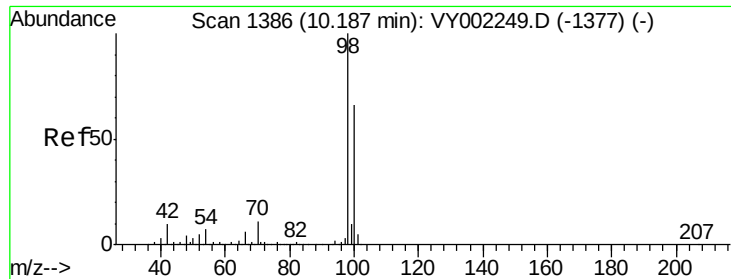


Abundance Ion 116.80 (116.50 to 117.50): VY002294.D (-964) (-)

Ion 118.80 (118.50 to 119.50): VY002294.D (-964) (-)

Ion 120.80 (120.50 to 121.50): VY002294.D (-964) (-)

Time-->



#50

Toluene-d8

Concen: 48.963 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY002294.D

Acq: 13 Apr 2020 20:30

Instrument :

MSVOA_Y

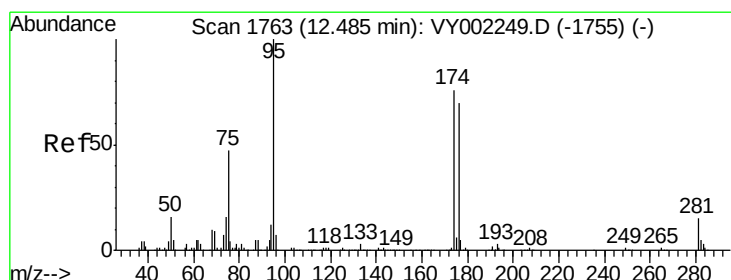
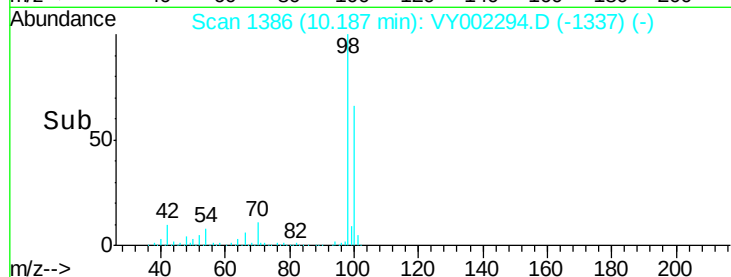
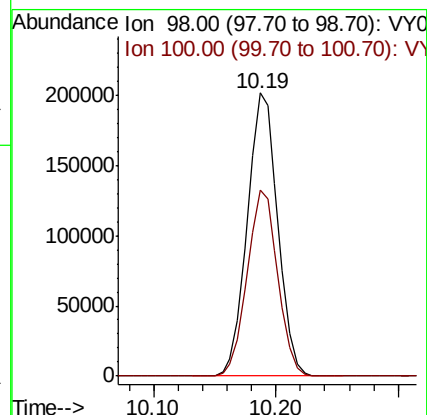
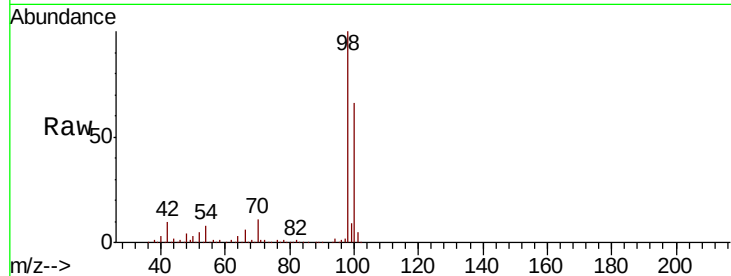
ClientSampleId :

Tot Ion: 98 Resp: 347782

Ion Ratio Lower Upper

98 100

100 65.7 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 51.380 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY002294.D

Acq: 13 Apr 2020 20:30

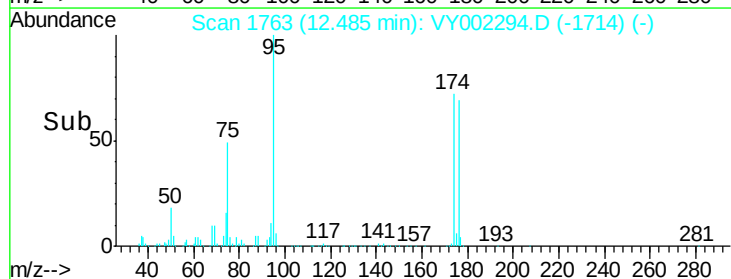
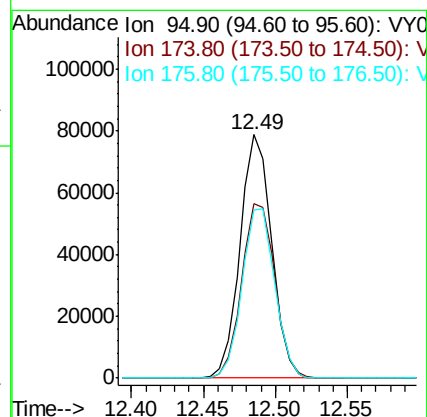
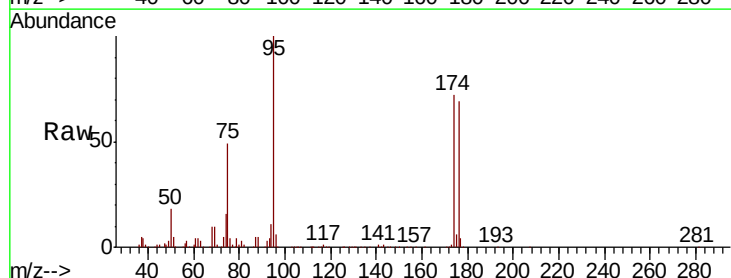
Tgt Ion: 95 Resp: 120402

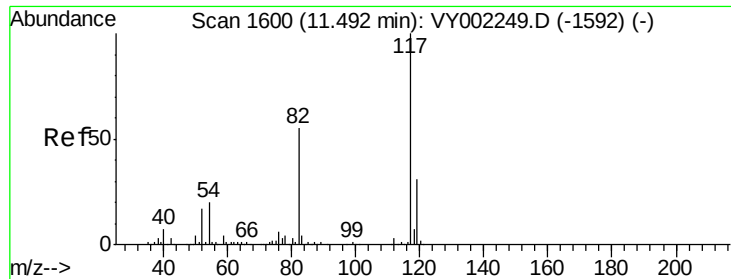
Ion Ratio Lower Upper

95 100

174 74.9 0.0 150.6

176 71.6 0.0 141.4

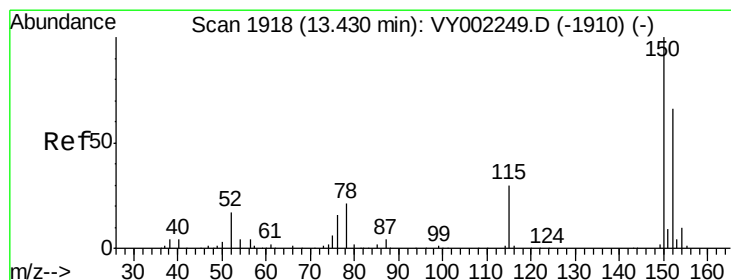
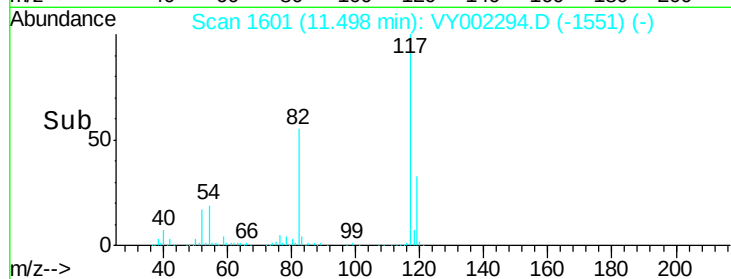
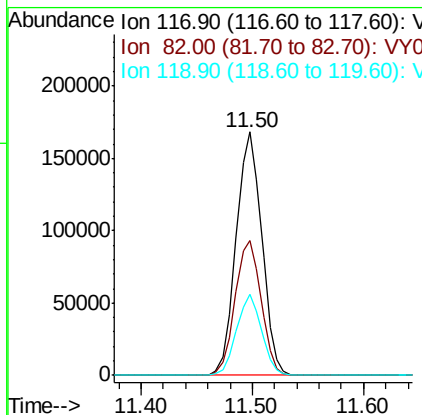
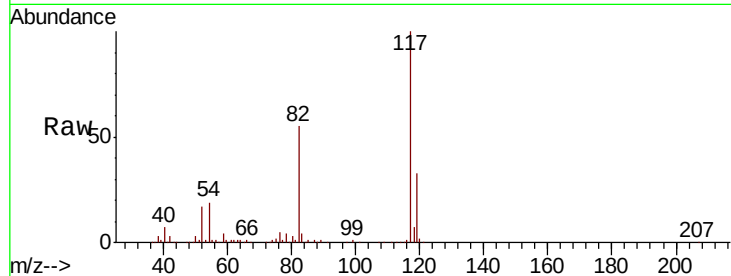




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002294.D
Acq: 13 Apr 2020 20:30

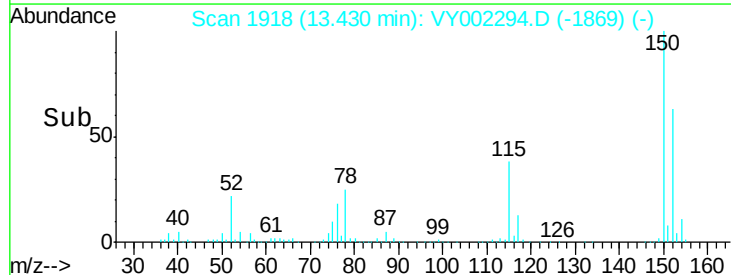
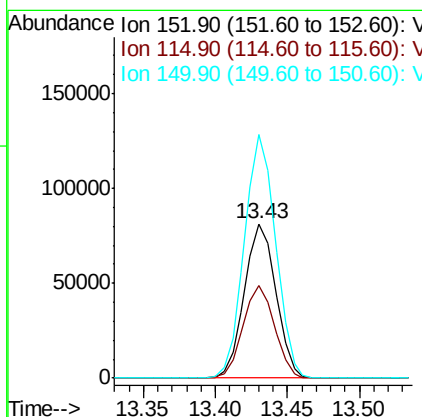
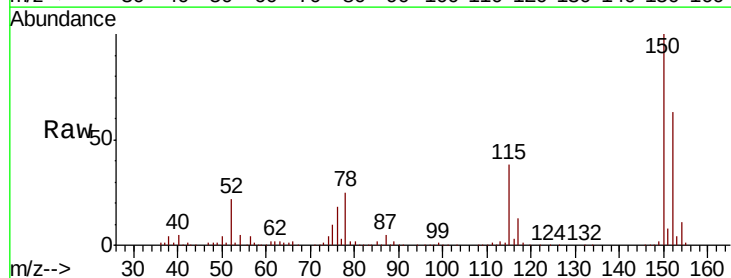
Instrument :
MSVOA_Y
ClientSampleId :

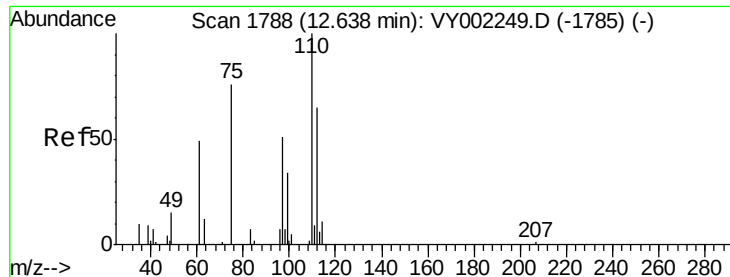
Tot Ion:117 Resp: 268487
Ion Ratio Lower Upper
117 100
82 55.5 44.2 66.4
119 33.3 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY002294.D
Acq: 13 Apr 2020 20:30

Tgt Ion:152 Resp: 122877
Ion Ratio Lower Upper
152 100
115 60.1 30.7 92.1
150 157.2 0.0 350.6





#76

1,2,3-Trichloropropane

Concen: 41.027 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.15 min

Lab File: VY002294.D

Acq: 13 Apr 2020 20:30

Instrument :

MSVOA_Y

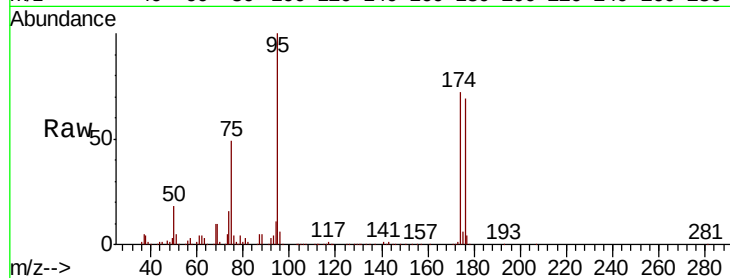
ClientSampled :

Tot Ion: 75 Resp: 58541

Ion Ratio Lower Upper

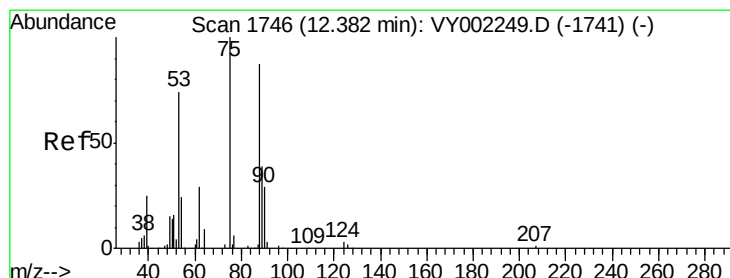
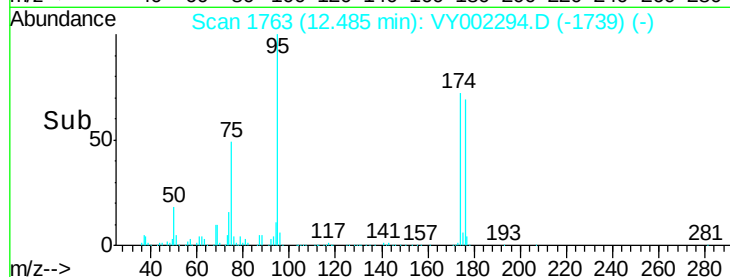
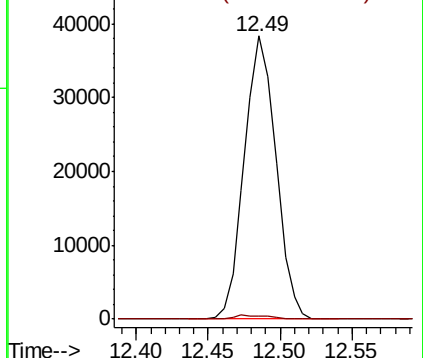
75 100

77 1.7 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: 79.798 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002294.D

Acq: 13 Apr 2020 20:30

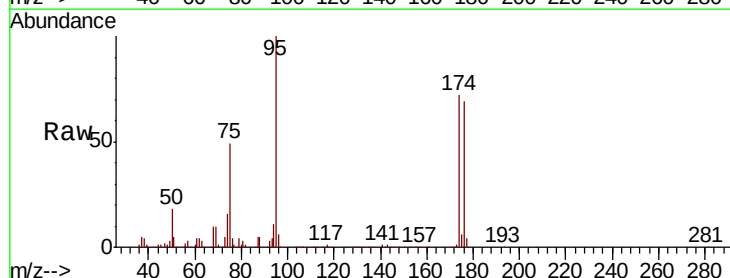
Tgt Ion: 75 Resp: 58541

Ion Ratio Lower Upper

75 100

53 0.0 59.8 89.8#

89 0.0 37.0 55.6#



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

