

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051320\
 Data File : VY002676.D
 Acq On : 13 May 2020 12:03
 Operator : SY/MD
 Sample : L2605-01
 Misc : 5.94G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 14 02:53:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	335556	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	527285	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	452199	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	196645	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	139190	49.33	ug/l	-0.01
Spiked Amount						
			Recovery	=	98.66%	
35) Dibromofluoromethane	7.73	113	154275	51.16	ug/l	0.00
Spiked Amount						
			Recovery	=	102.32%	
50) Toluene-d8	10.18	98	613842	52.13	ug/l	-0.01
Spiked Amount						
			Recovery	=	104.26%	
62) 4-Bromofluorobenzene	12.48	95	182508	45.67	ug/l	-0.01
Spiked Amount						
			Recovery	=	91.34%	

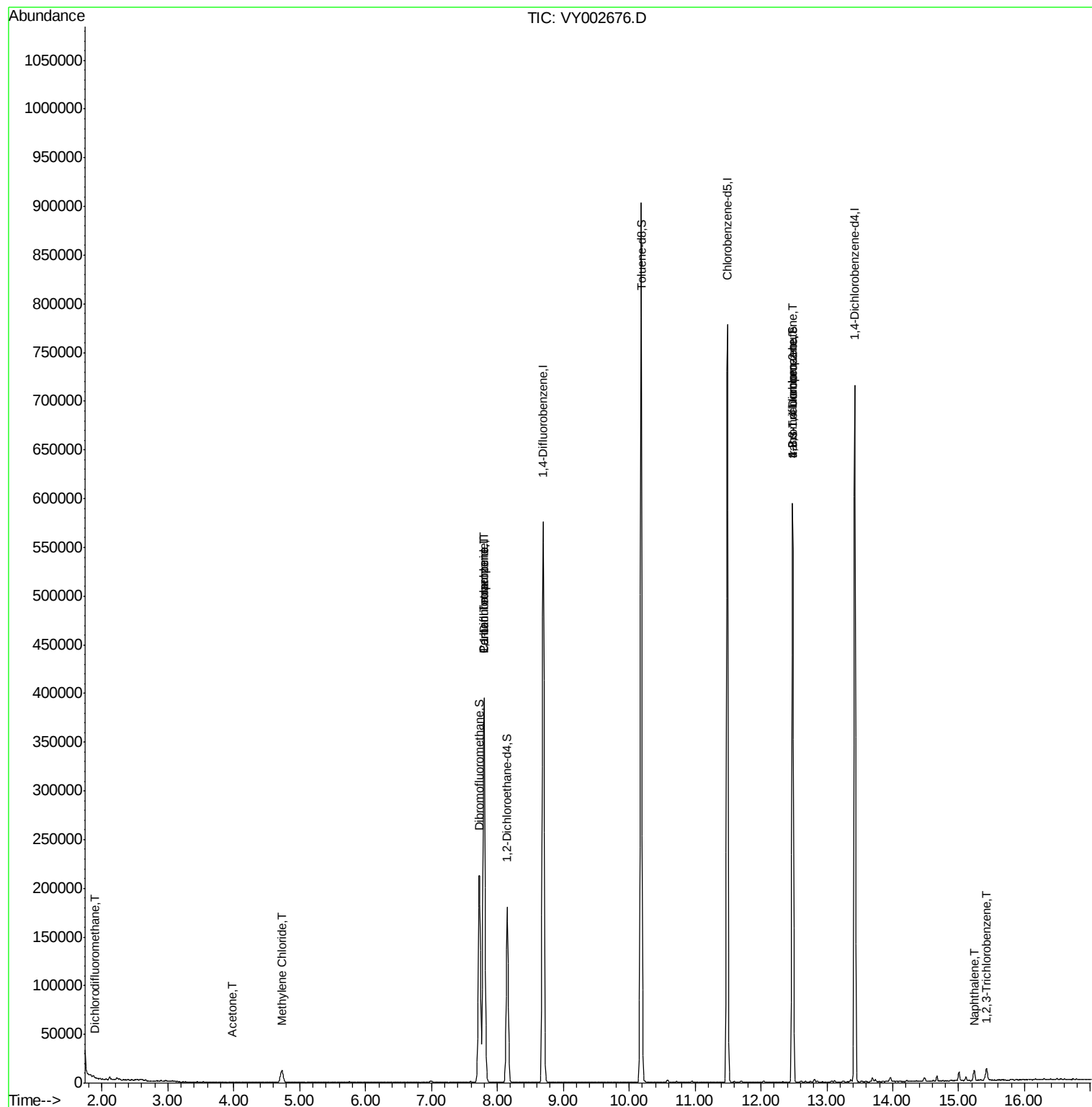
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	25	1.793	ug/l #	43
16) Acetone	3.97	43	942	1.618	ug/l #	85
20) Methylene Chloride	4.73	84	10005	3.073	ug/l	96
36) 1,1-Dichloropropene	7.80	75	20546	4.648	ug/l #	50
38) Carbon Tetrachloride	7.80	117	29604	6.134	ug/l #	15
76) 1,2,3-Trichloropropane	12.48	75	86975	49.771	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	86975	99.800	ug/l #	15
95) Naphthalene	15.23	128	8906	1.251	ug/l	96
96) 1,2,3-Trichlorobenzene	15.42	180	4426	1.335	ug/l	97

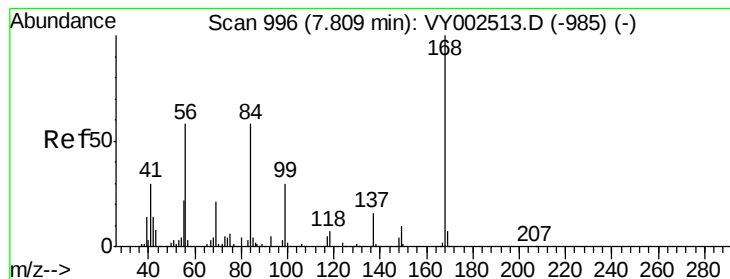
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY051320\
Data File : VY002676.D
Acq On : 13 May 2020 12:03
Operator : SY/MD
Sample : L2605-01
Misc : 5.94G/5ML/MSVOA Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: May 14 02:53:45 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002676.D

Acq: 13 May 2020 12:03

Instrument :

MSVOA_Y

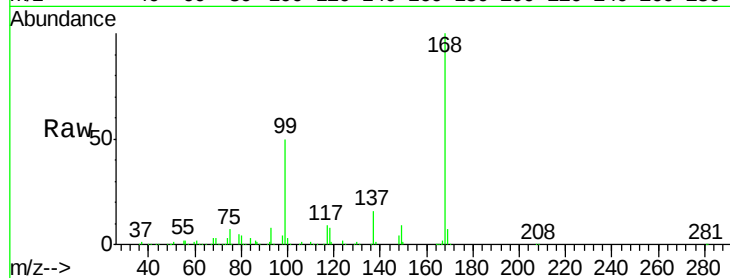
ClientSampleId :

Tot Ion:168 Resp: 335556

Ion Ratio Lower Upper

168 100

99 49.5 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

7.80

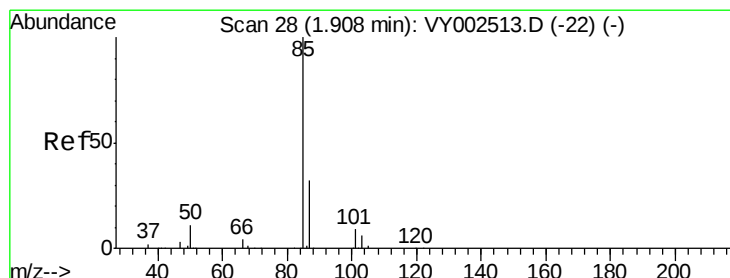
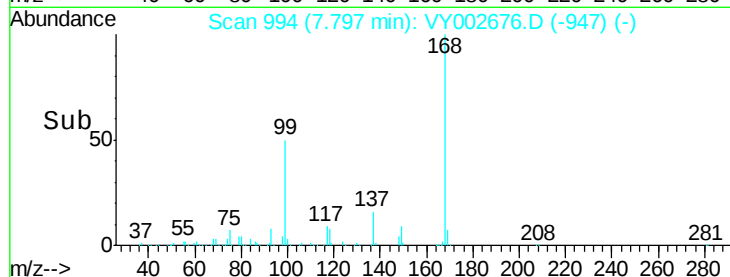
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.793 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.01 min

Lab File: VY002676.D

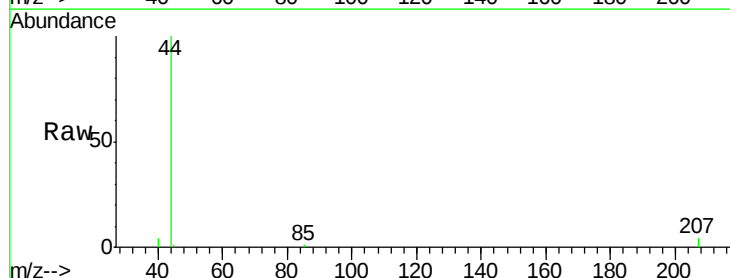
Acq: 13 May 2020 12:03

Tgt Ion: 85 Resp: 25

Ion Ratio Lower Upper

85 100

87 0.0 15.8 47.4#



Abundance Ion 84.90 (84.60 to 85.60): VY002513.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002513.D (-22) (-)

1.90

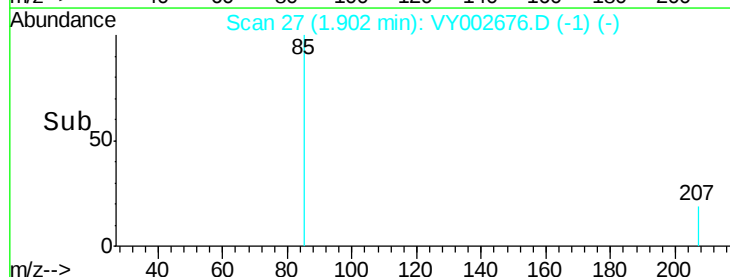
60

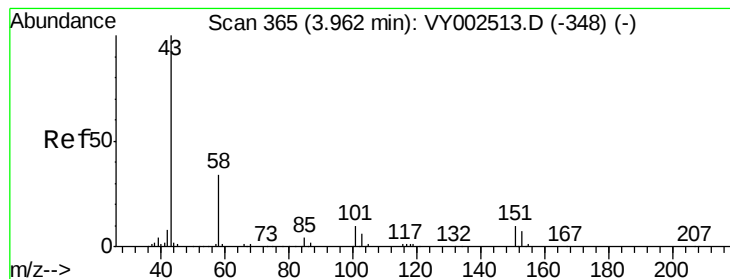
40

20

0

Time-->





#16

Acetone

Concen: 1.618 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002676.D

Acq: 13 May 2020 12:03

Instrument :

MSVOA_Y

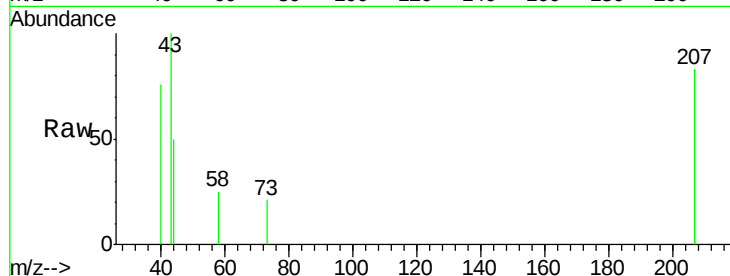
ClientSampleId :

Tot Ion: 43 Resp: 942

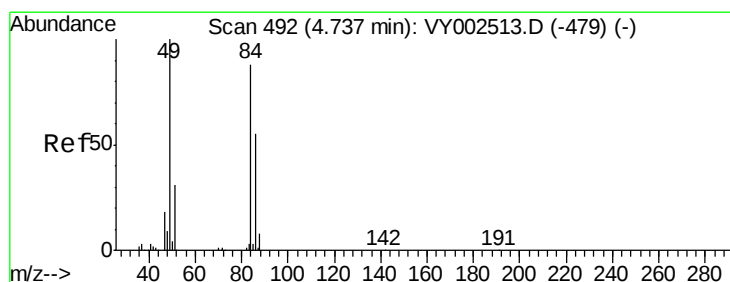
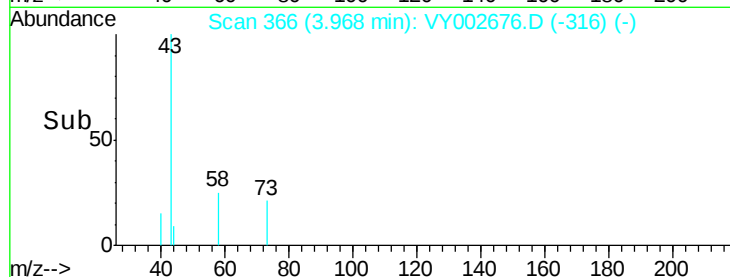
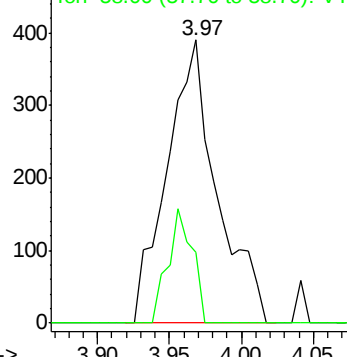
Ion Ratio Lower Upper

43 100

58 25.1 26.9 40.3#



Abundance Ion 43.00 (42.70 to 43.70): VY002513.D (-348) (-)



#20

Methylene Chloride

Concen: 3.073 ug/l

RT: 4.73 min Scan# 491

Delta R.T. -0.01 min

Lab File: VY002676.D

Acq: 13 May 2020 12:03

Tgt Ion: 84 Resp: 10005

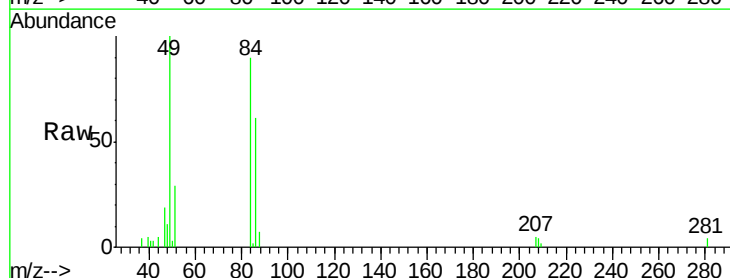
Ion Ratio Lower Upper

84 100

49 110.9 90.5 135.7

51 32.1 28.3 42.5

86 67.7 49.9 74.9

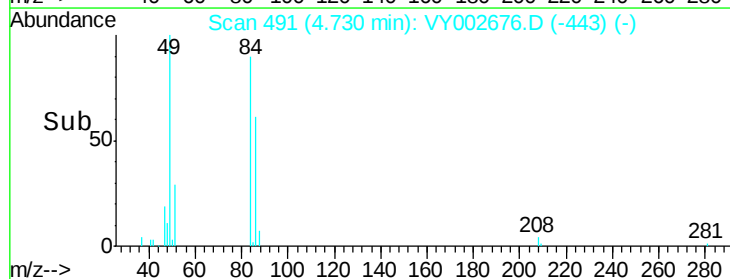
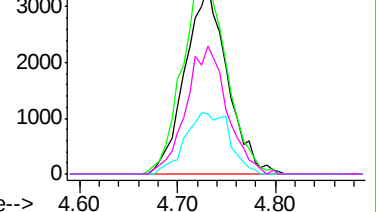


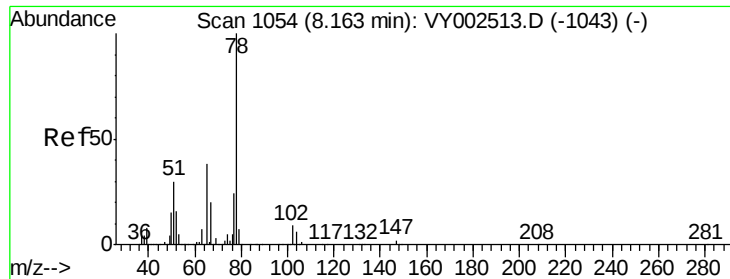
Abundance Ion 83.90 (83.60 to 84.60): VY002513.D (-479) (-)

Ion 48.90 (48.60 to 49.60): VY002513.D (-479) (-)

Ion 50.90 (50.60 to 51.60): VY002513.D (-479) (-)

Ion 85.90 (85.60 to 86.60): VY002513.D (-479) (-)





#33

1,2-Dichloroethane-d4

Concen: 49.333 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002676.D

Acq: 13 May 2020 12:03

Instrument :

MSVOA_Y

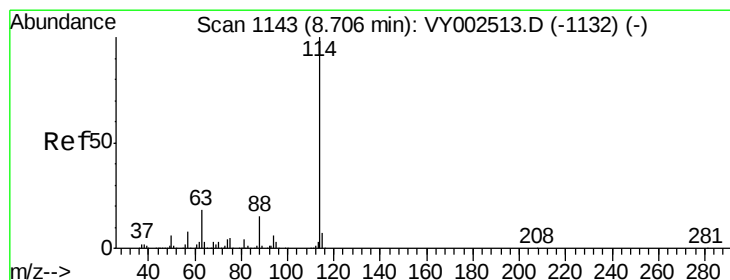
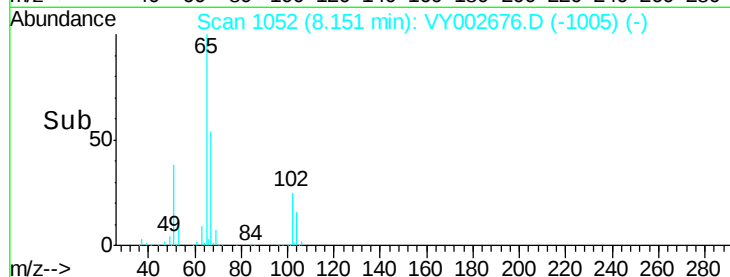
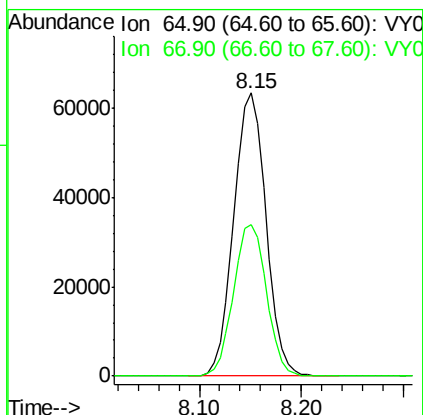
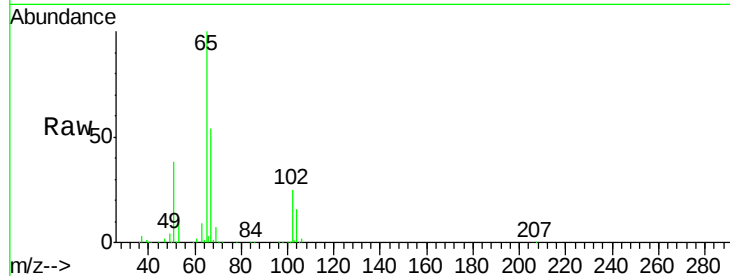
ClientSampleId :

Tot Ion: 65 Resp: 139190

Ion Ratio Lower Upper

65 100

67 54.8 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY002676.D

Acq: 13 May 2020 12:03

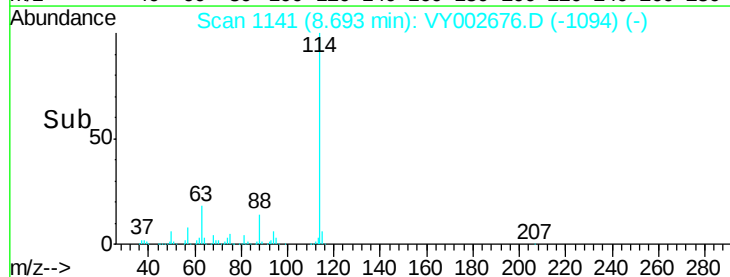
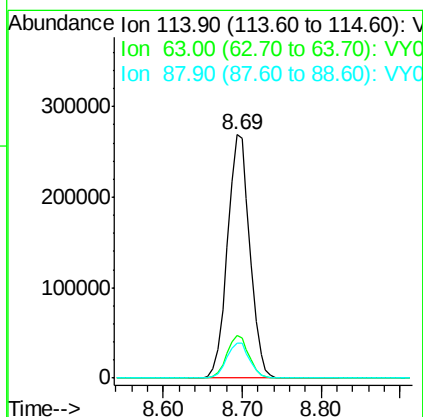
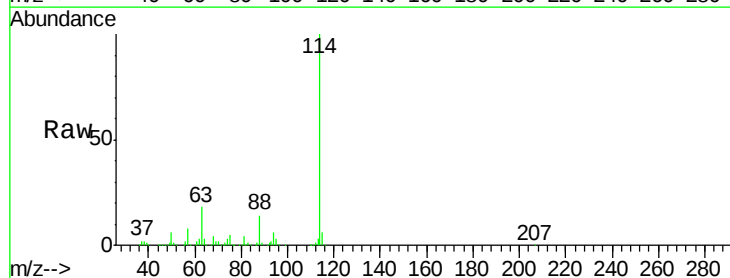
Tgt Ion: 114 Resp: 527285

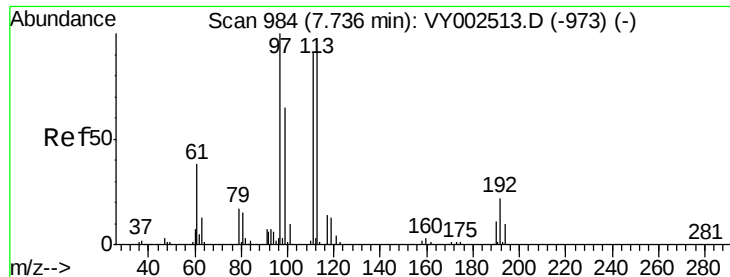
Ion Ratio Lower Upper

114 100

63 17.7 0.0 36.4

88 14.2 0.0 29.6

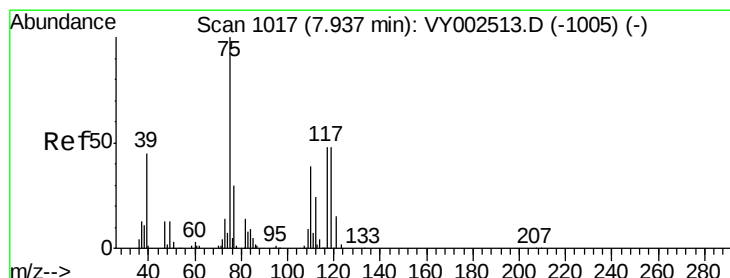
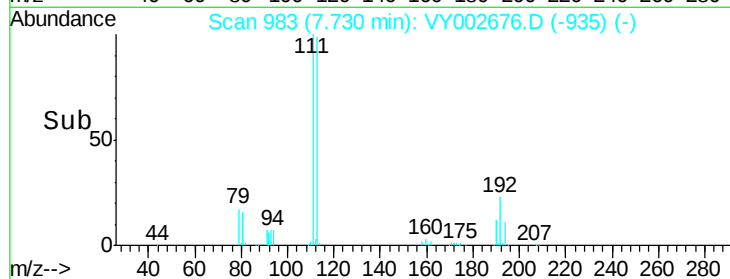
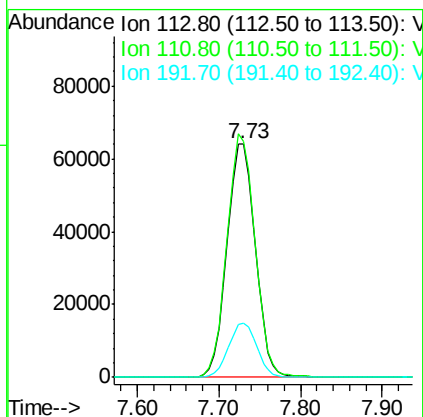
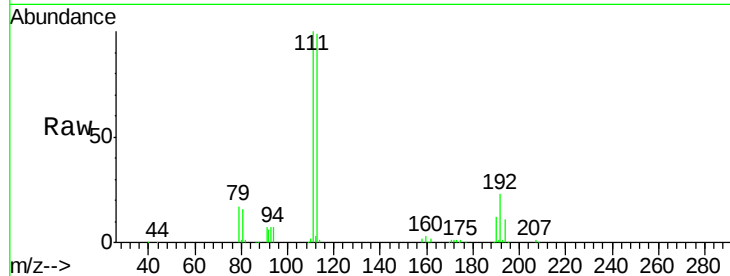




#35
 Dibromofluoromethane
 Concen: 51.160 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: VY002676.D
 Acq: 13 May 2020 12:03

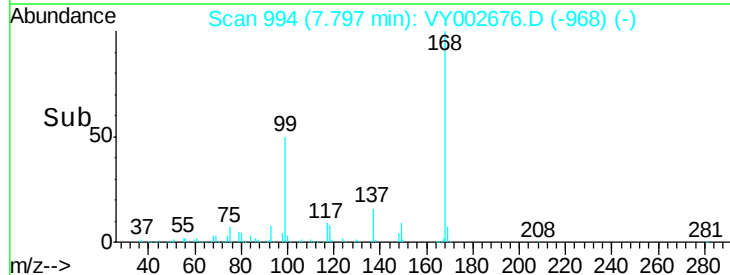
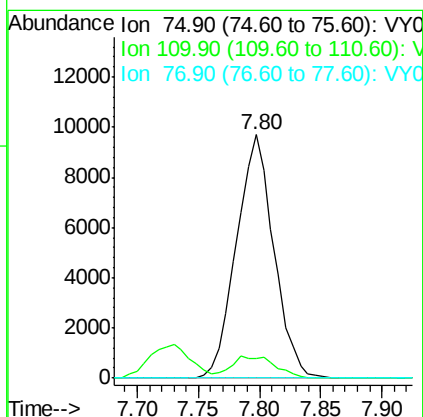
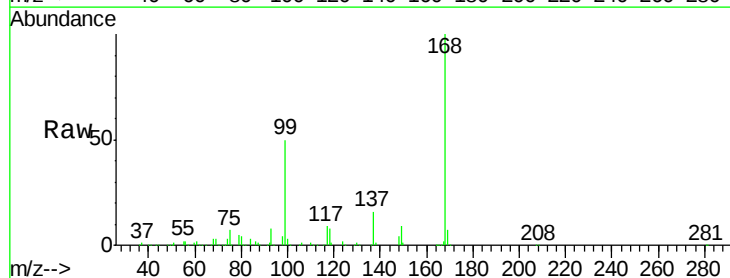
Instrument :
 MSVOA_Y
 ClientSampleId :

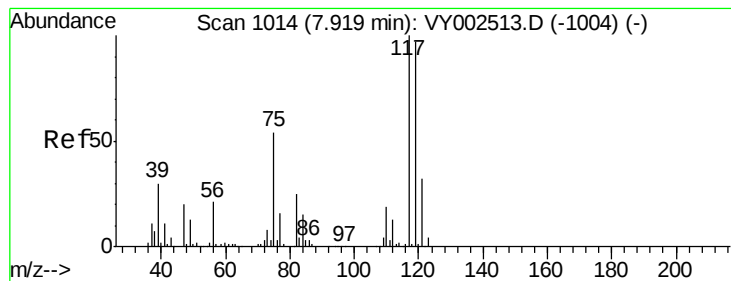
Tot Ion:113 Resp: 154275
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.8 122.6
 192 23.1 18.2 27.4



#36
 1,1-Dichloropropene
 Concen: 4.648 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.14 min
 Lab File: VY002676.D
 Acq: 13 May 2020 12:03

Tgt Ion: 75 Resp: 20546
 Ion Ratio Lower Upper
 75 100
 110 10.5 19.1 57.3#
 77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 6.134 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.12 min

Lab File: VY002676.D

Acq: 13 May 2020 12:03

Instrument :

MSVOA_Y

ClientSampleId :

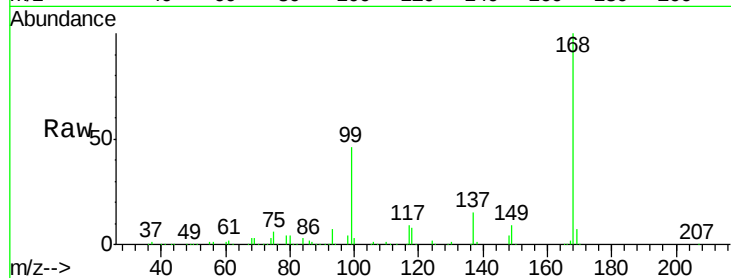
Tot Ion:117 Resp: 29604

Ion Ratio Lower Upper

117 100

119 3.7 77.1 115.7#

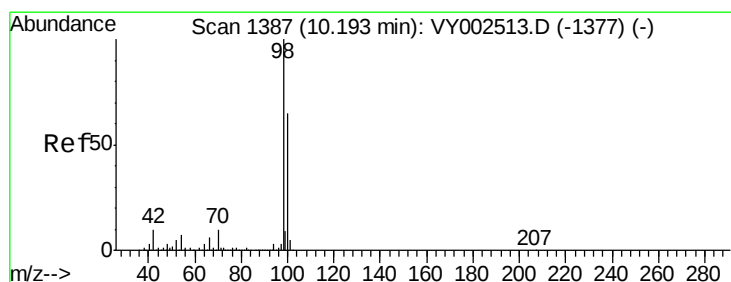
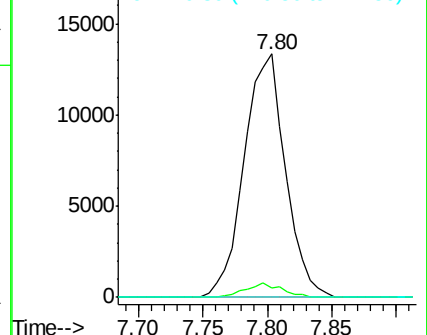
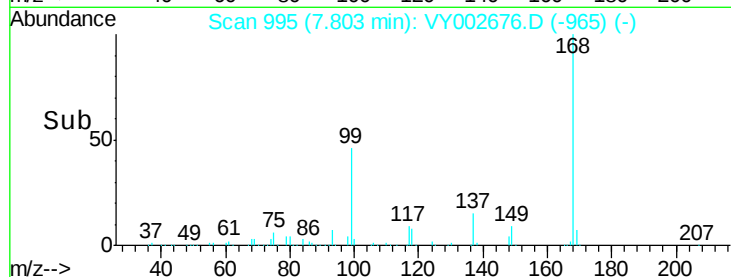
121 0.0 25.2 37.8#



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: 52.126 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002676.D

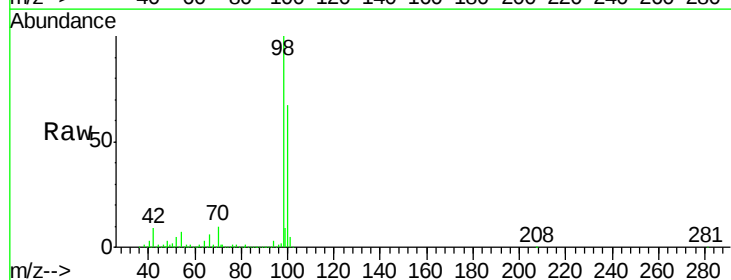
Acq: 13 May 2020 12:03

Tgt Ion: 98 Resp: 613842

Ion Ratio Lower Upper

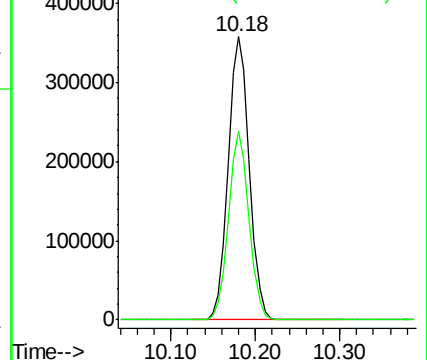
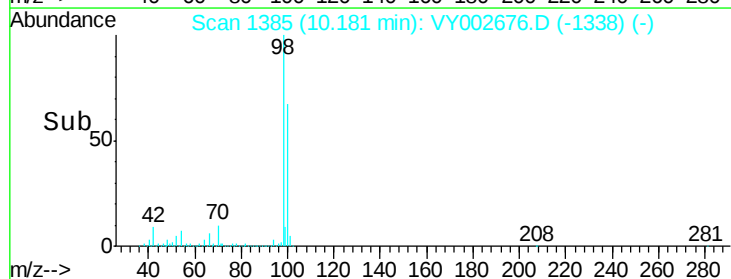
98 100

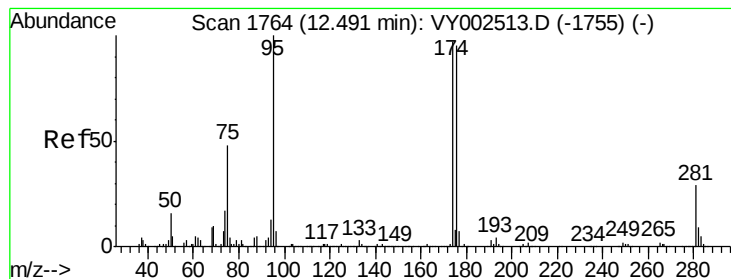
100 64.8 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 45.673 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY002676.D

Acq: 13 May 2020 12:03

Instrument :

MSVOA_Y

ClientSampleId :

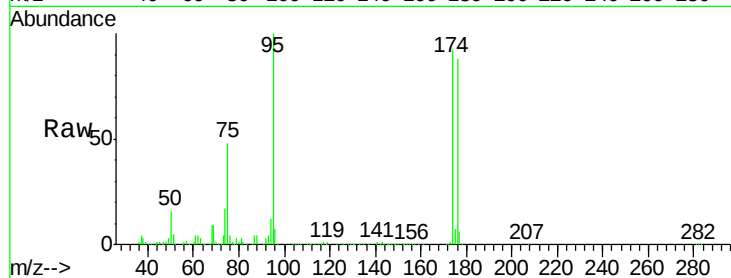
Tot Ion: 95 Resp: 182508

Ion Ratio Lower Upper

95 100

174 94.1 0.0 188.8

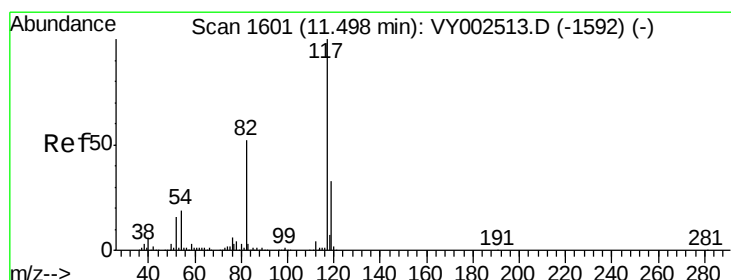
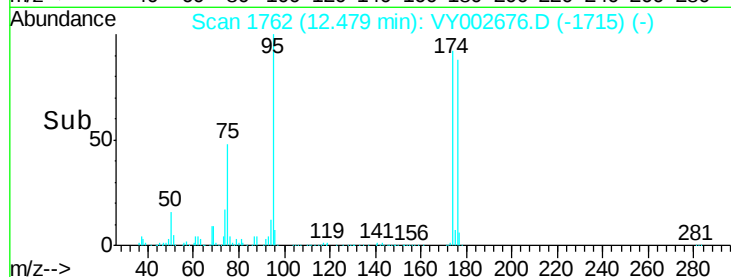
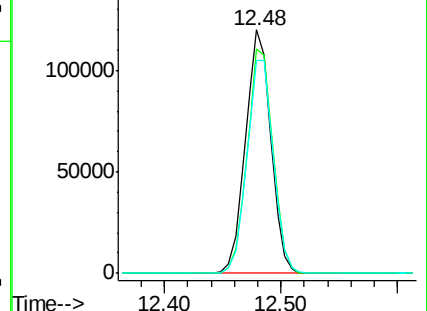
176 90.9 0.0 183.2



Abundance Ion 94.90 (94.60 to 95.60): VY002513.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY002513.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY002513.D (-1755) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.01 min

Lab File: VY002676.D

Acq: 13 May 2020 12:03

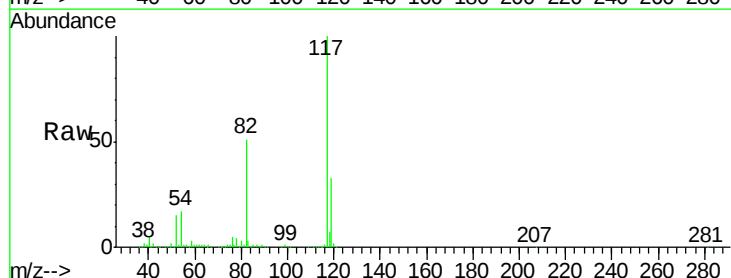
Tgt Ion: 117 Resp: 452199

Ion Ratio Lower Upper

117 100

82 50.7 41.3 61.9

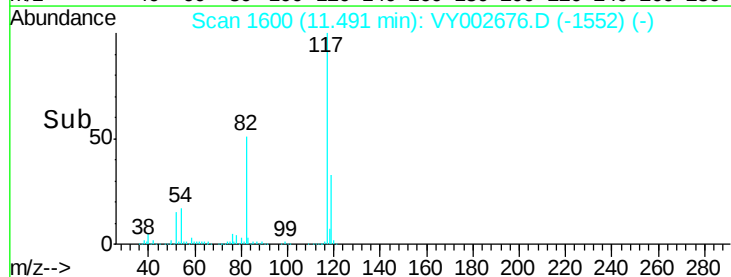
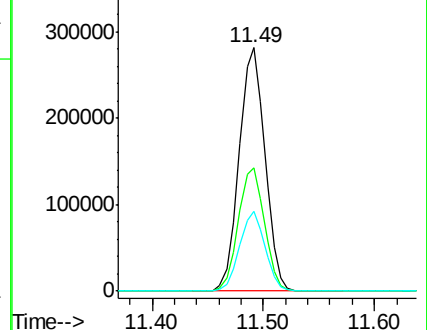
119 32.9 26.0 39.0

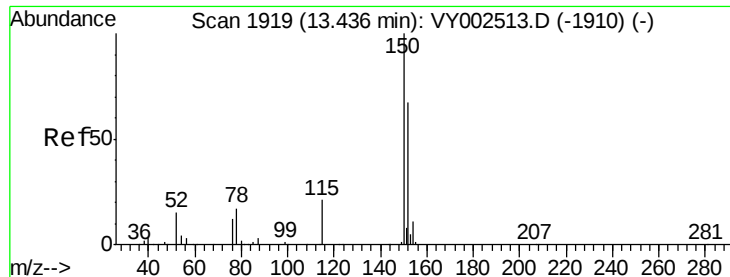


Abundance Ion 116.90 (116.60 to 117.60): VY002513.D (-1592) (-)

Ion 82.00 (81.70 to 82.70): VY002513.D (-1592) (-)

Ion 118.90 (118.60 to 119.60): VY002513.D (-1592) (-)



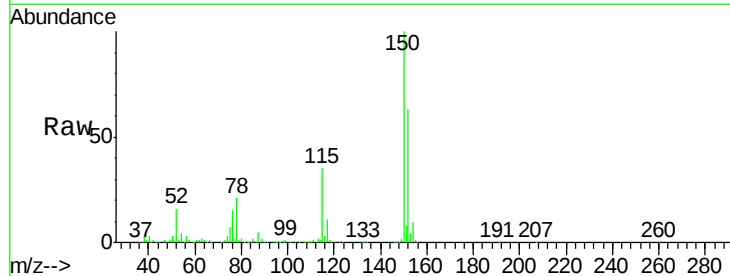


#72

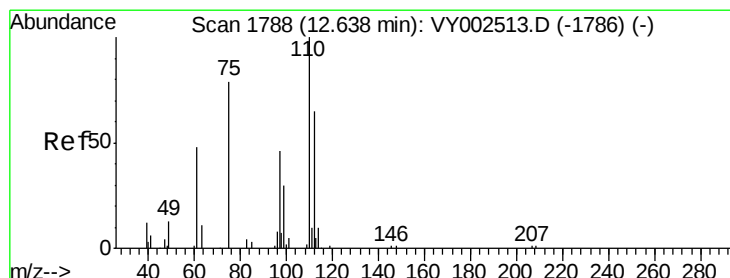
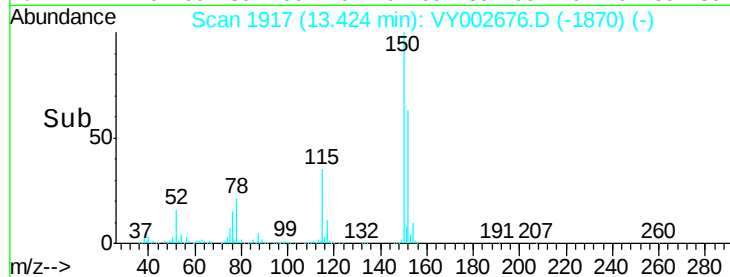
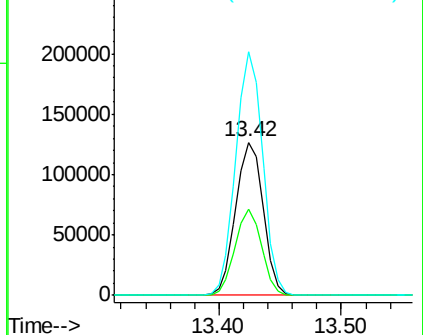
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY002676.D
Acq: 13 May 2020 12:03

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.2	27.5	82.4
150	156.2	0.0	346.4



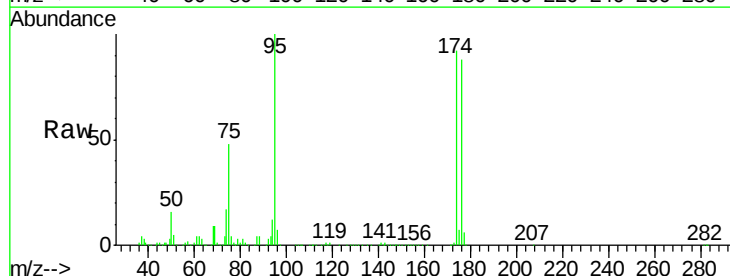
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



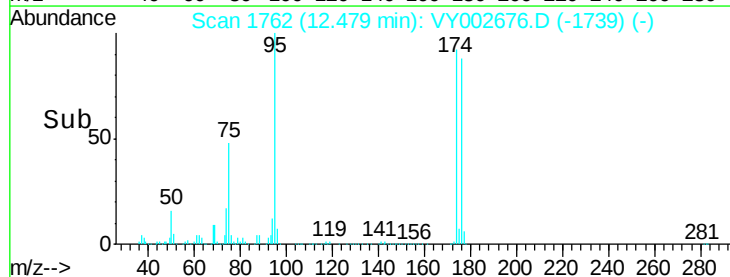
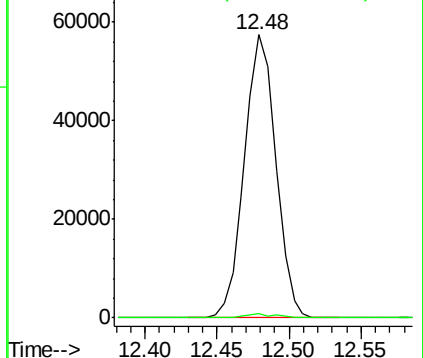
#76

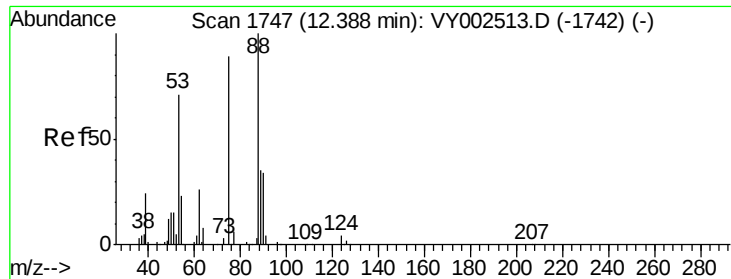
1,2,3-Trichloropropane
Concen: 49.771 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY002676.D
Acq: 13 May 2020 12:03

Tgt 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: 99.800 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.09 min

Lab File: VY002676.D

Acq: 13 May 2020 12:03

Instrument :

MSVOA_Y

ClientSampleId :

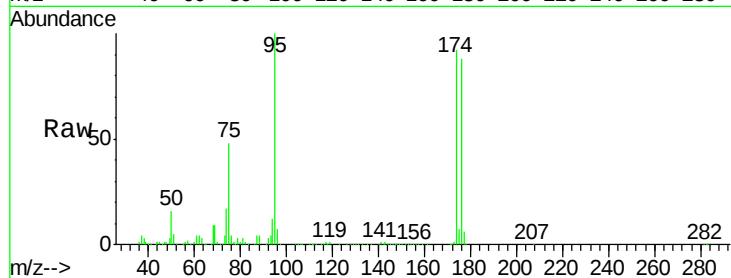
Tot Ion: 75 Resp: 86975

Ion Ratio Lower Upper

75 100

53 0.0 67.4 101.0#

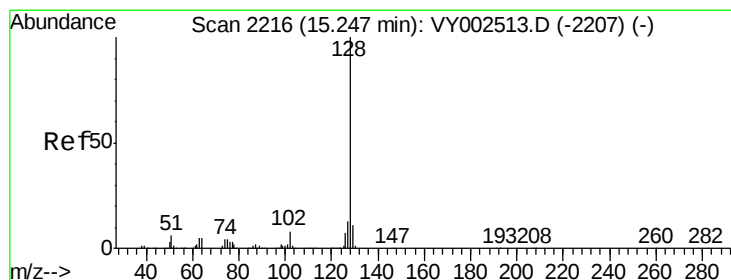
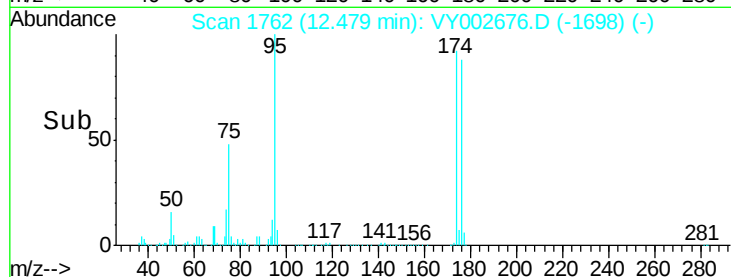
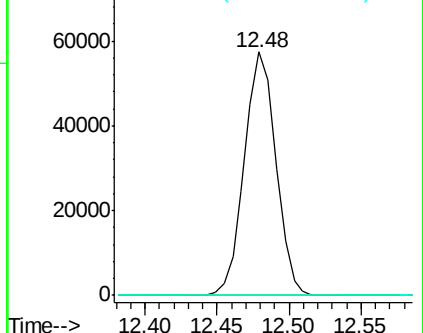
89 0.0 37.4 56.0#



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



#95

Naphthalene

Concen: 1.251 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.01 min

Lab File: VY002676.D

Acq: 13 May 2020 12:03

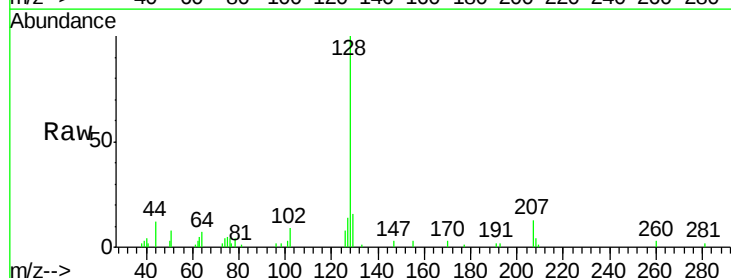
Tgt Ion:128 Resp: 8906

Ion Ratio Lower Upper

128 100

127 14.0 10.5 15.7

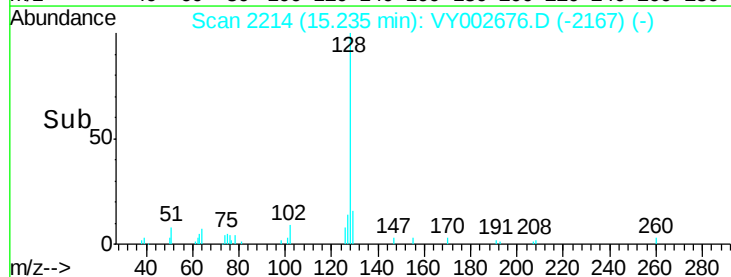
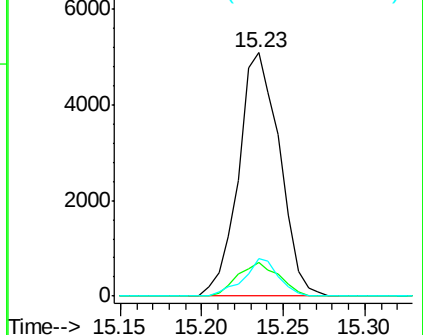
129 13.1 8.8 13.2

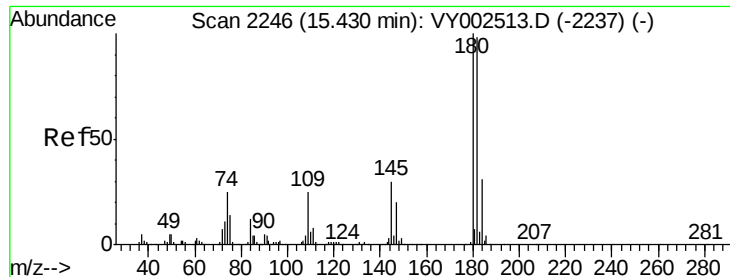


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 1.335 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. -0.01 min

Lab File: VY002676.D

Acq: 13 May 2020 12:03

Instrument :

MSVOA_Y

ClientSampleId :

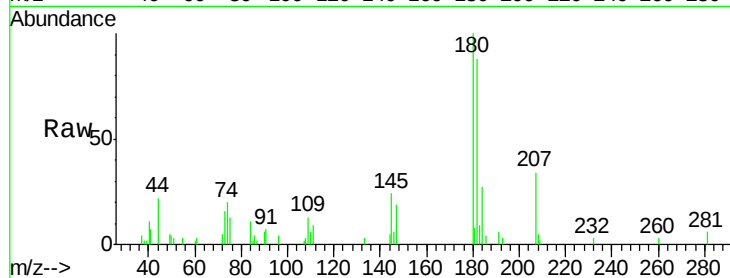
Tot Ion:180 Resp: 4426

Ion Ratio Lower Upper

180 100

182 94.7 47.9 143.8

145 26.5 15.0 45.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

