

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
 Data File : VY002547.D
 Acq On : 04 May 2020 17:32
 Operator : SY/MD
 Sample : L2452-05RE
 Misc : 6.83G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 05 07:08:42 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

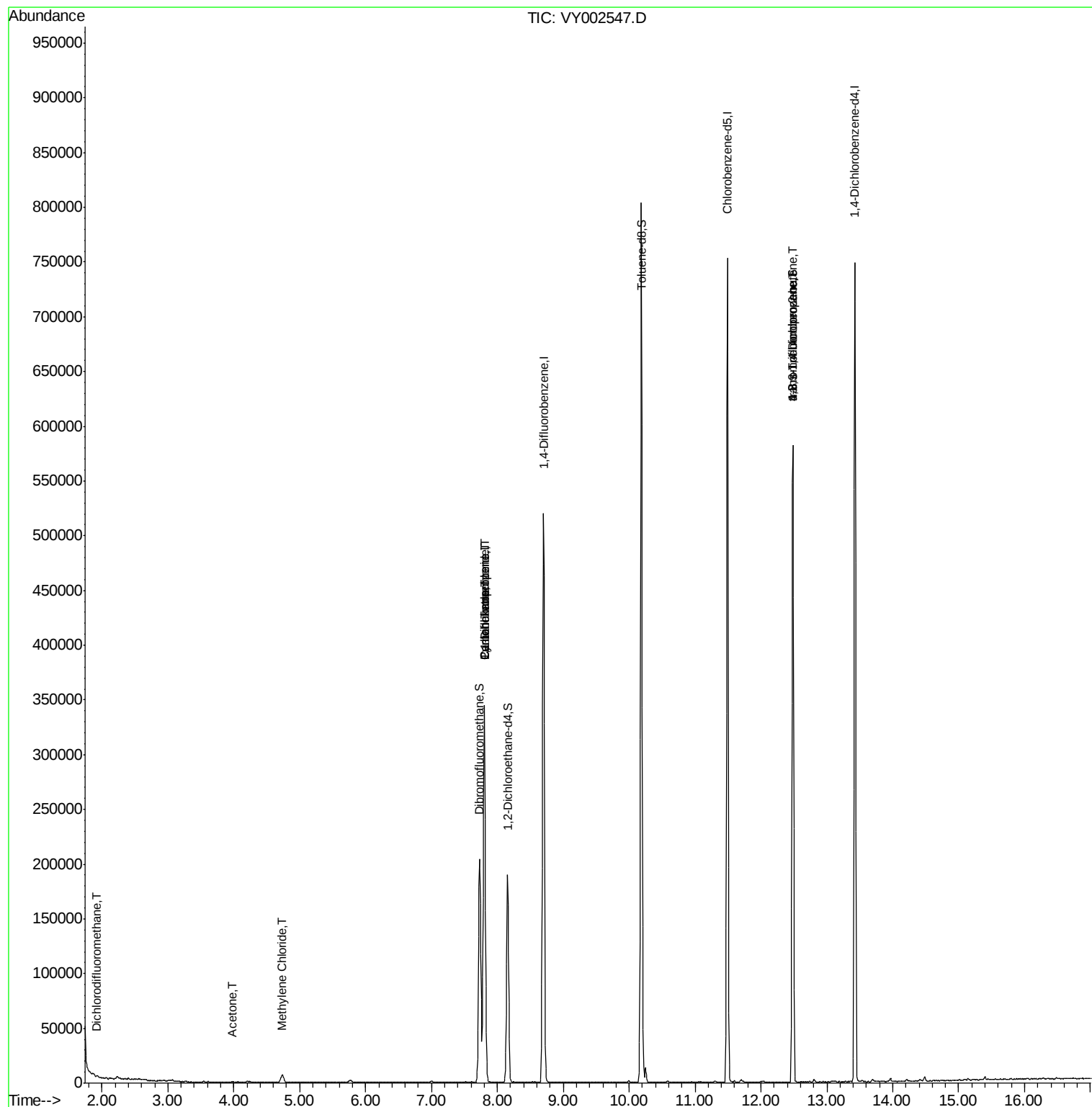
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	288051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	470811	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	426485	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	207026	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	145510	60.08	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	120.16%	
35) Dibromofluoromethane	7.73	113	145489	54.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.06%	
50) Toluene-d8	10.19	98	552961	52.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.18%	
62) 4-Bromofluorobenzene	12.49	95	179809	50.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.80%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.92	85	171	1.854	ug/l #	43
16) Acetone	3.97	43	944	1.889	ug/l #	83
20) Methylene Chloride	4.73	84	5722	2.047	ug/l #	84
31) Cyclohexane	7.80	56	4547	1.045	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	18332	4.645	ug/l #	49
38) Carbon Tetrachloride	7.80	117	26091	6.055	ug/l #	15
76) 1,2,3-Trichloropropane	12.48	75	87264	47.432	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	87264	95.110	ug/l #	15

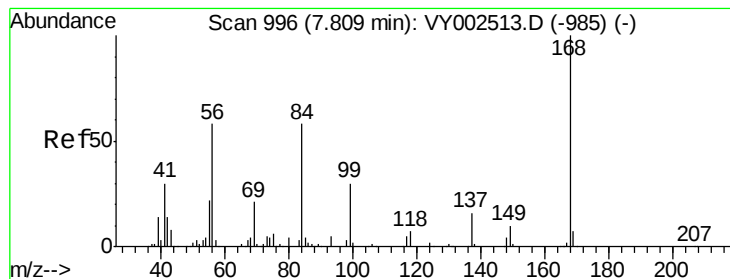
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002547.D

Acq: 04 May 2020 17:32

Instrument :

MSVOA_Y

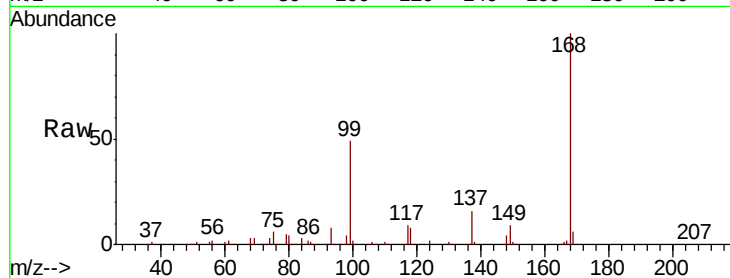
ClientSampleId :

Tot Ion:168 Resp: 288051

Ion Ratio Lower Upper

168 100

99 48.6 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

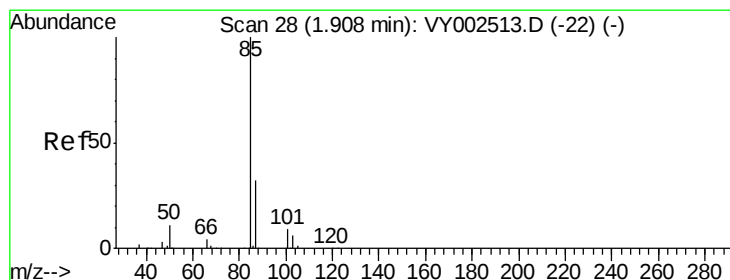
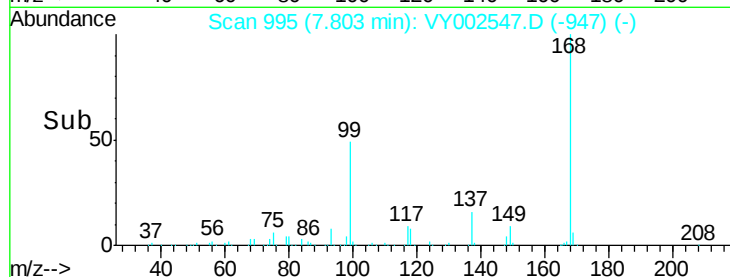
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.854 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.01 min

Lab File: VY002547.D

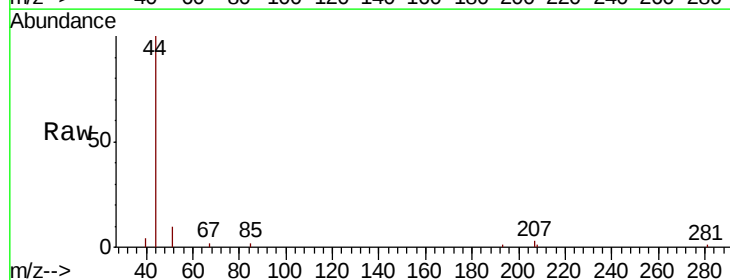
Acq: 04 May 2020 17:32

Tgt Ion: 85 Resp: 171

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) (-)

1.92

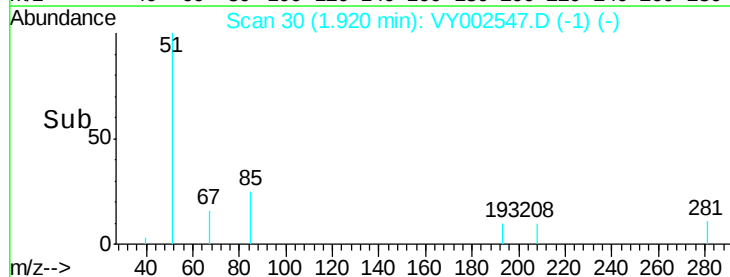
150

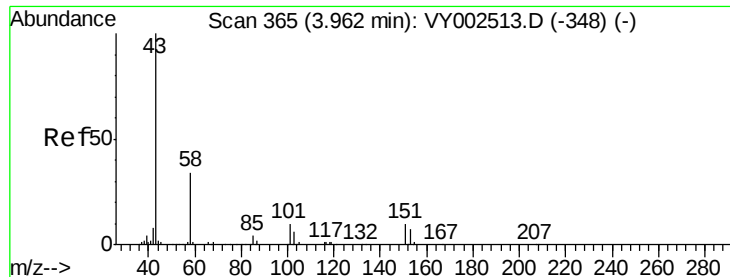
100

50

0

Time-->





#16

Acetone

Concen: 1.889 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002547.D

Acq: 04 May 2020 17:32

Instrument :

MSVOA_Y

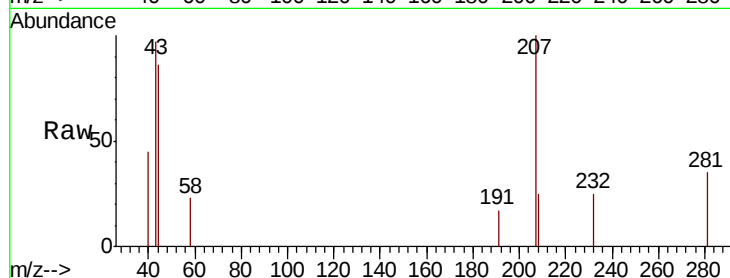
ClientSampleId :

Tot Ion: 43 Resp: 944

Ion Ratio Lower Upper

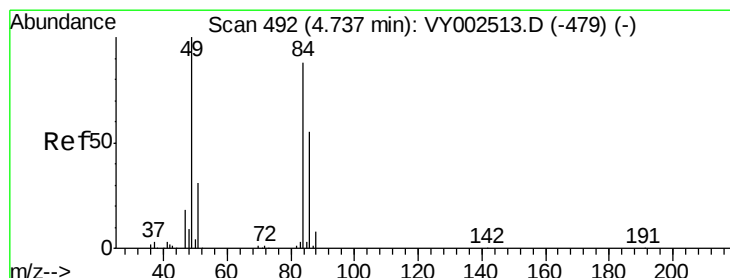
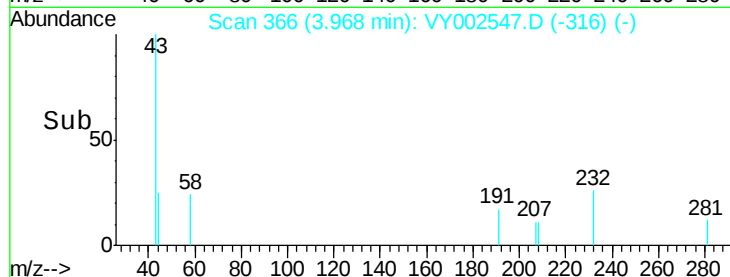
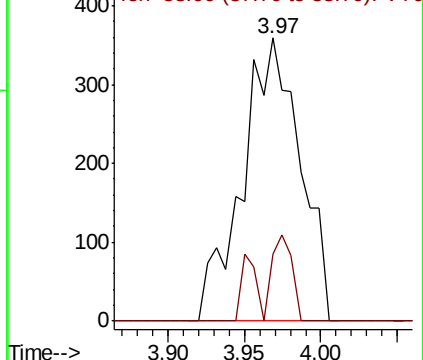
43 100

58 23.7 26.9 40.3#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#20

Methylene Chloride

Concen: 2.047 ug/l

RT: 4.73 min Scan# 491

Delta R.T. -0.01 min

Lab File: VY002547.D

Acq: 04 May 2020 17:32

Tgt Ion: 84 Resp: 5722

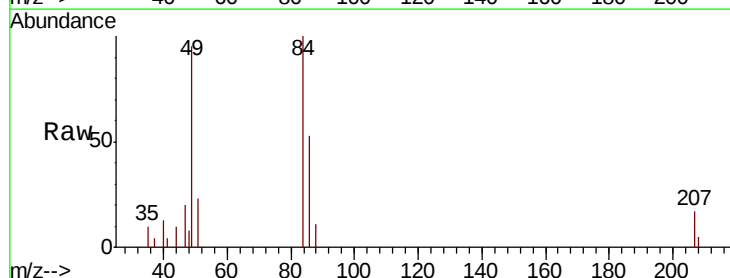
Ion Ratio Lower Upper

84 100

49 94.7 90.5 135.7

51 23.0 28.3 42.5#

86 53.1 49.9 74.9

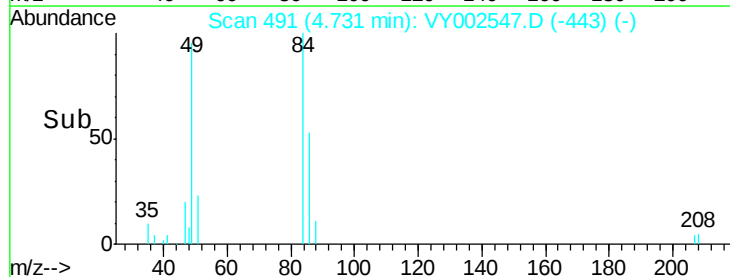
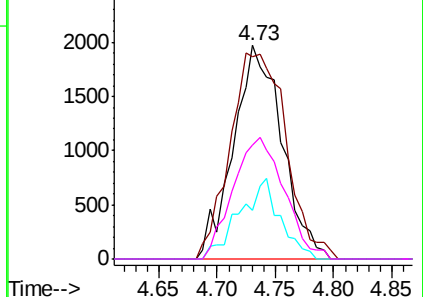


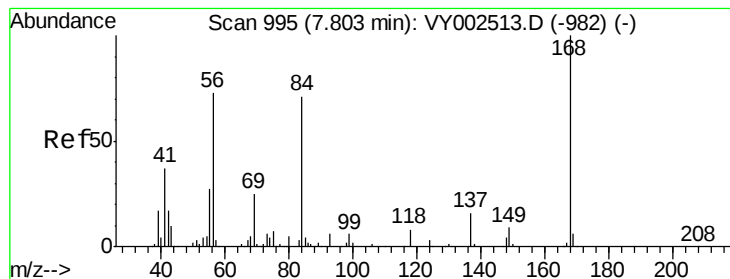
Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0





#31

Cyclohexane

Concen: 1.045 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY002547.D

Acq: 04 May 2020 17:32

Instrument :
MSVOA_Y
ClientSampled :

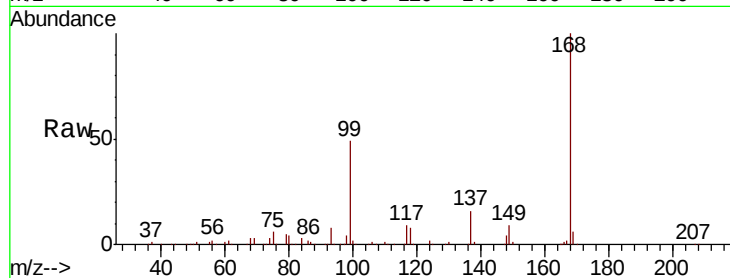
Tot Ion: 56 Resp: 4547

Ion Ratio Lower Upper

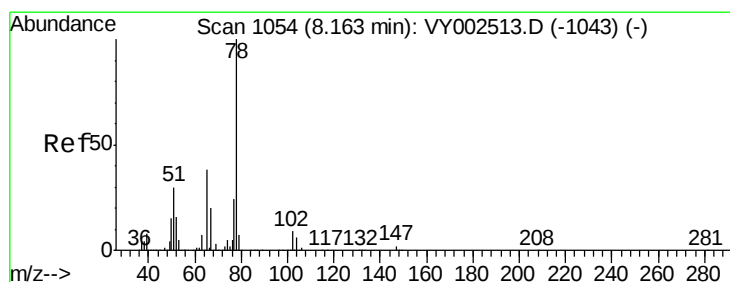
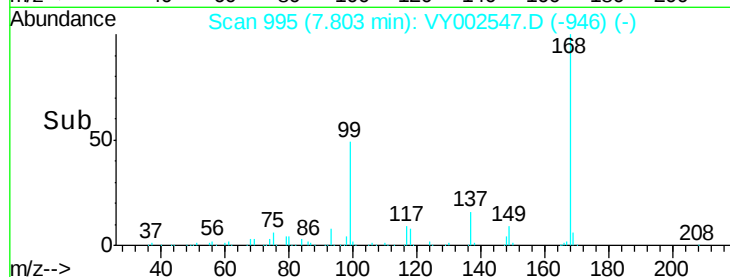
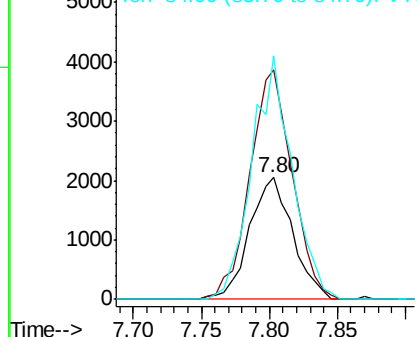
56 100

69 188.5 27.6 41.4#

84 200.0 77.7 116.5#



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 60.079 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002547.D

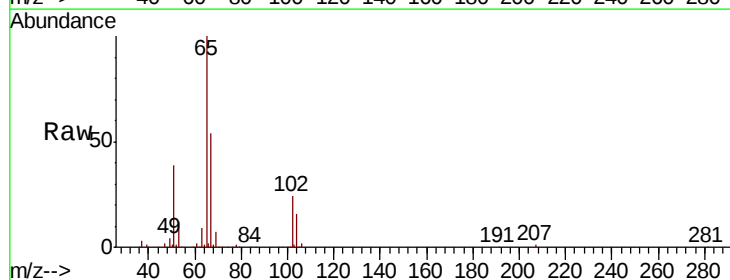
Acq: 04 May 2020 17:32

Tgt Ion: 65 Resp: 145510

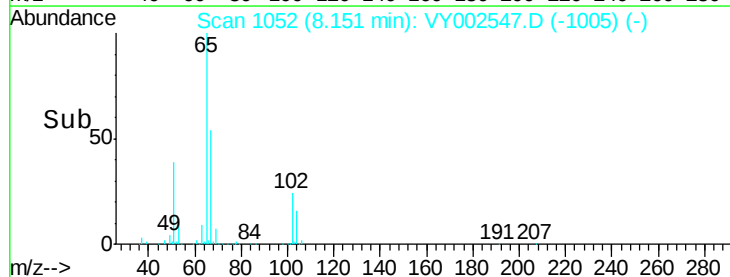
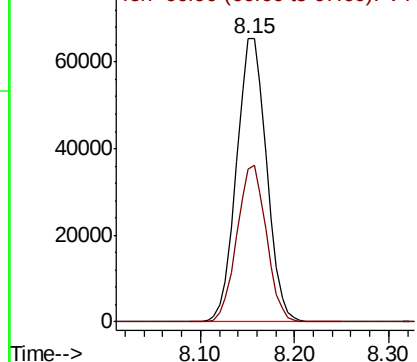
Ion Ratio Lower Upper

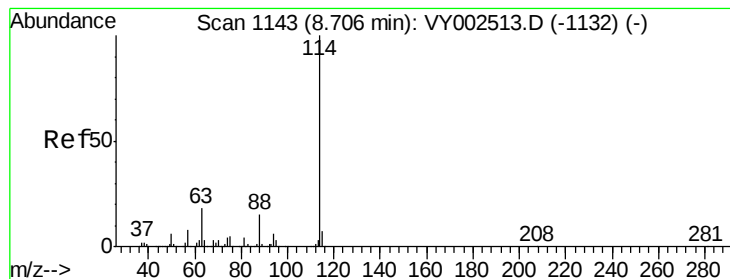
65 100

67 54.2 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002547.D

Acq: 04 May 2020 17:32

Instrument :

MSVOA_Y

ClientSampleId :

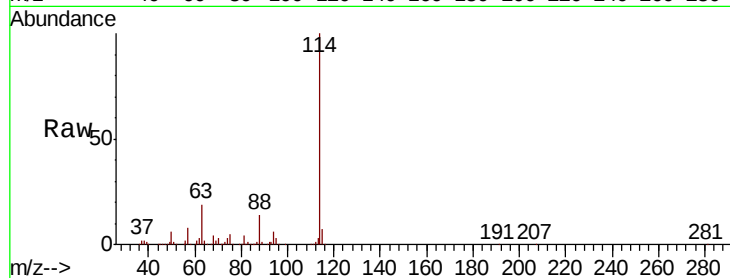
Tot Ion:114 Resp: 470811

Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.4

88 14.2 0.0 29.6



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

300000

250000

200000

150000

100000

50000

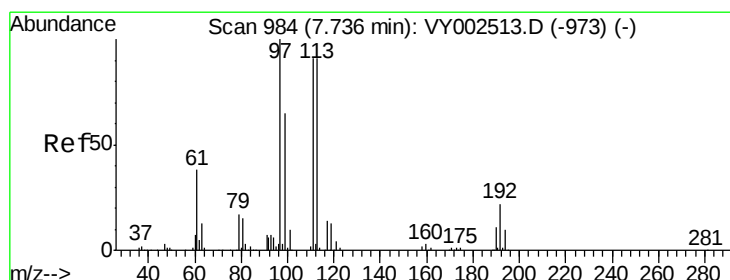
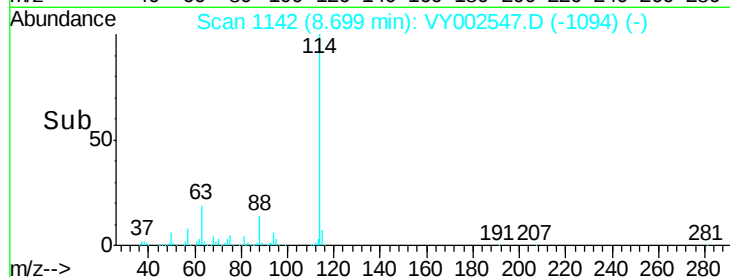
0

8.60

8.70

8.80

Time-->



#35

Dibromofluoromethane

Concen: 54.033 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002547.D

Acq: 04 May 2020 17:32

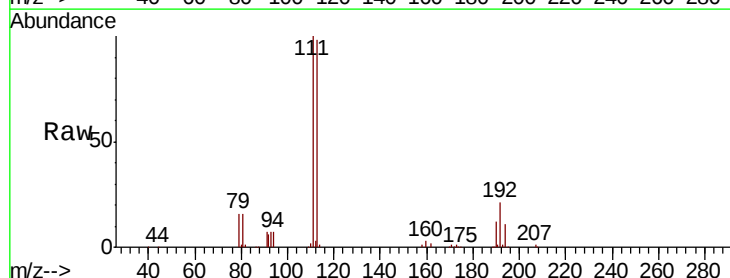
Tgt Ion:113 Resp: 145489

Ion Ratio Lower Upper

113 100

111 101.4 81.8 122.6

192 22.6 18.2 27.4



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

80000

60000

40000

20000

0

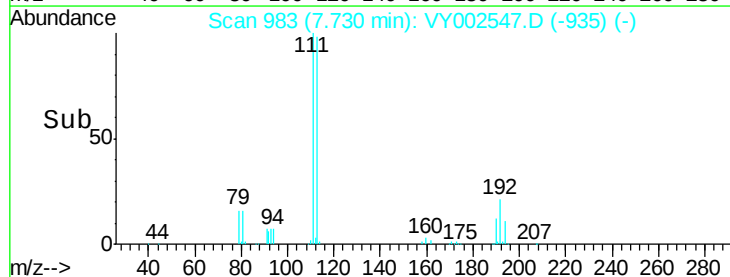
7.60

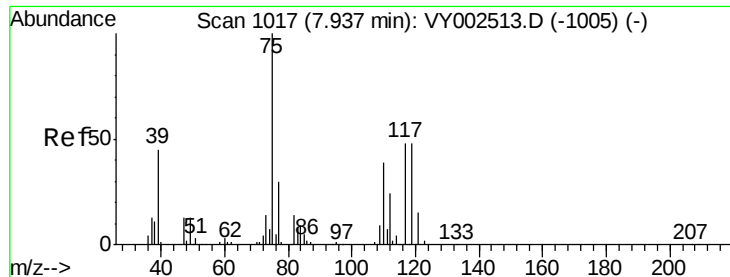
7.70

7.80

7.90

Time-->

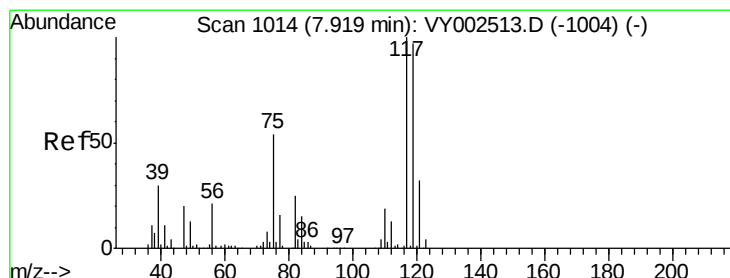
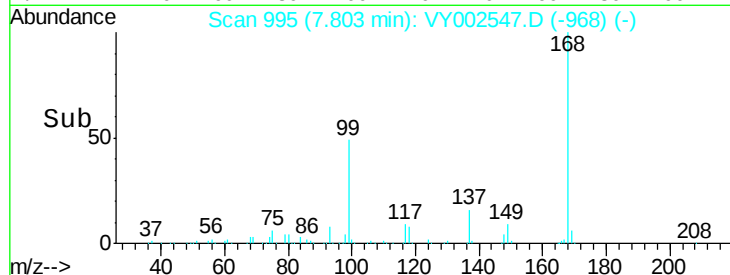
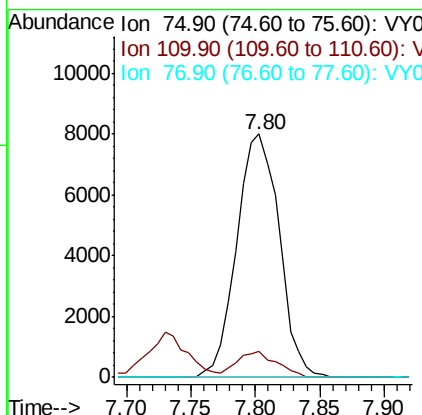
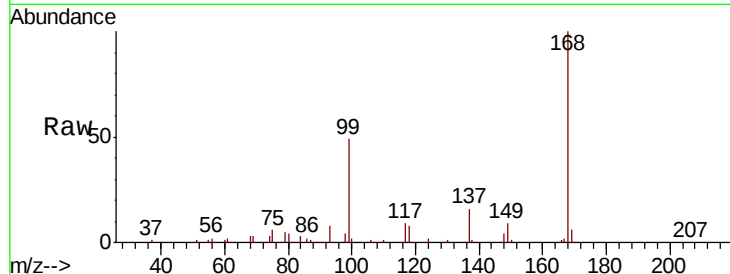




#36
 1,1-Dichloropropene
 Concen: 4.645 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY002547.D
 Acq: 04 May 2020 17:32

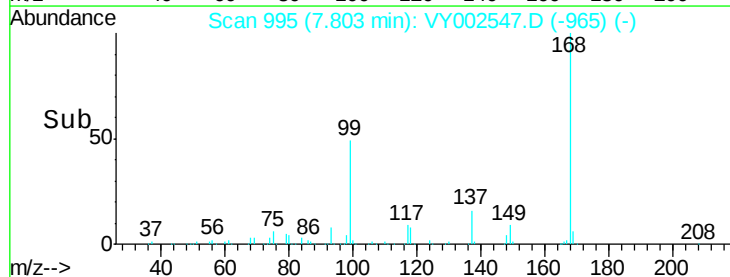
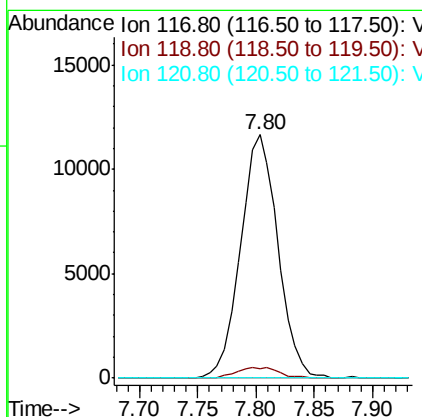
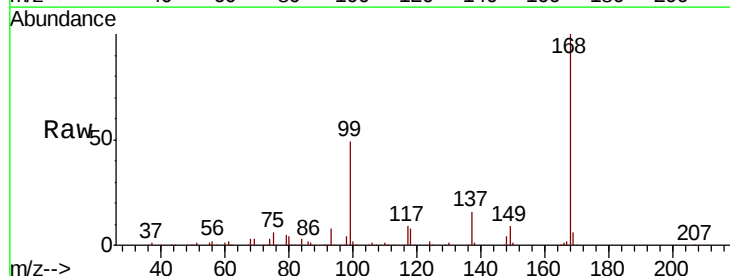
Instrument :
 MSVOA_Y
 ClientSampled :

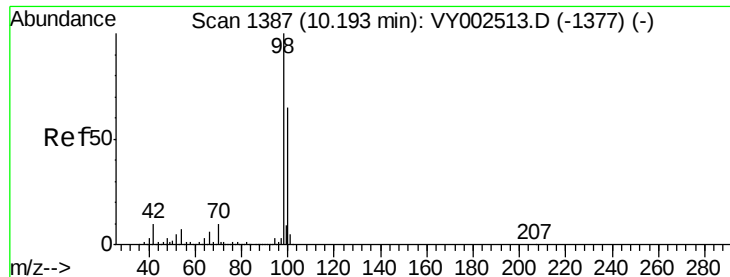
Tot Ion	75	Resp	18332
Ion Ratio	100	Lower	Upper
75	100		
110	10.0	19.1	57.3#
77	0.0	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 6.055 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.12 min
 Lab File: VY002547.D
 Acq: 04 May 2020 17:32

Tgt Ion	117	Resp	26091
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	3.9	77.1	115.7#
121	0.0	25.2	37.8#





#50

Toluene-d8

Concen: 52.588 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY002547.D

Acq: 04 May 2020 17:32

Instrument :

MSVOA_Y

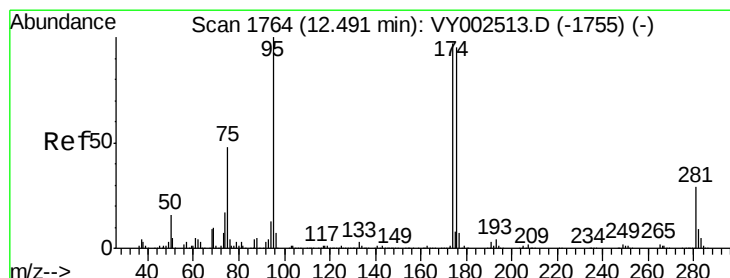
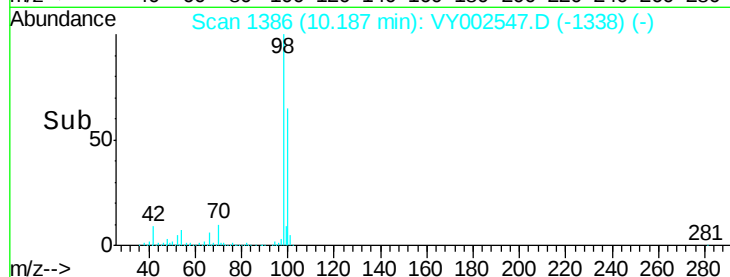
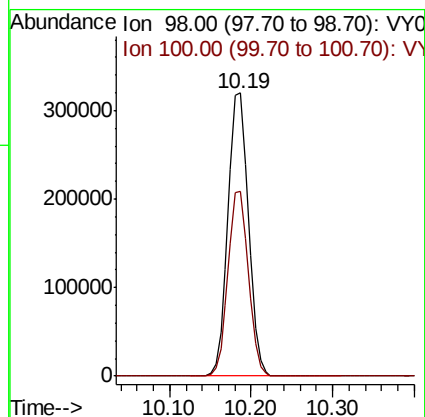
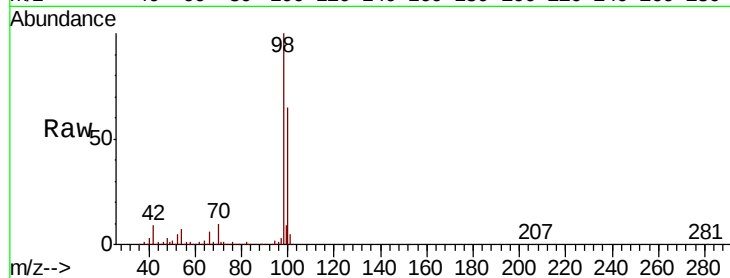
ClientSampleId :

Tot Ion: 98 Resp: 552961

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 50.395 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY002547.D

Acq: 04 May 2020 17:32

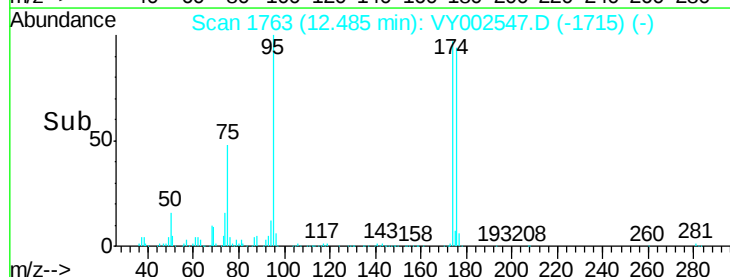
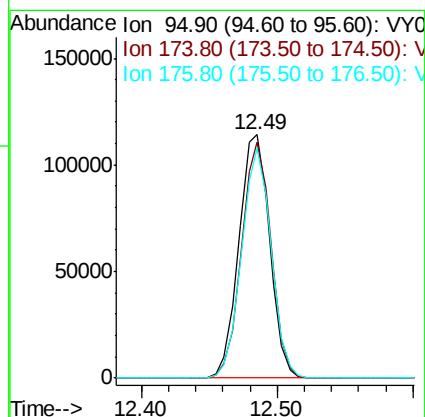
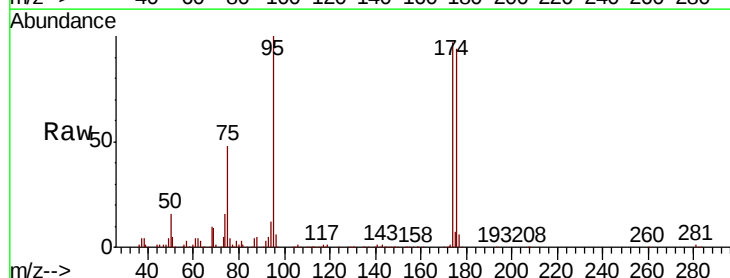
Tgt Ion: 95 Resp: 179809

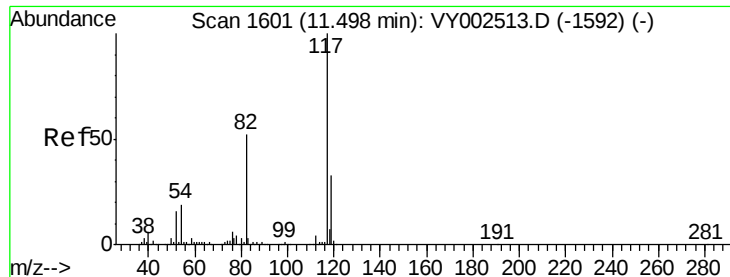
Ion Ratio Lower Upper

95 100

174 93.4 0.0 188.8

176 90.8 0.0 183.2

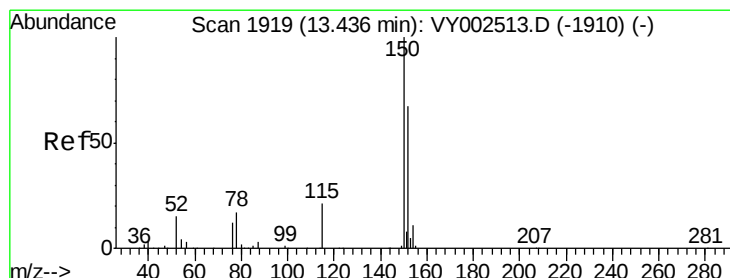
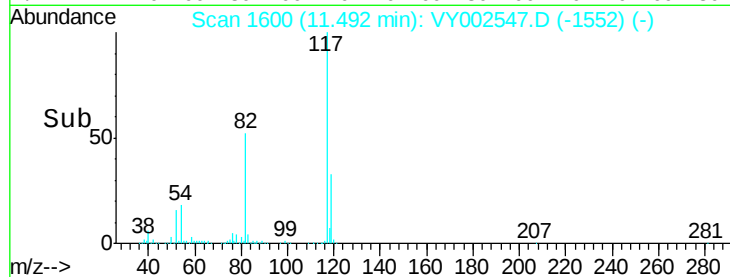
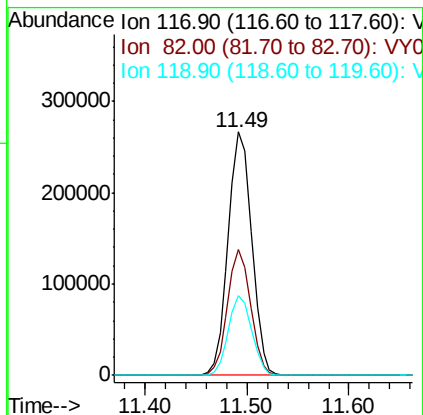
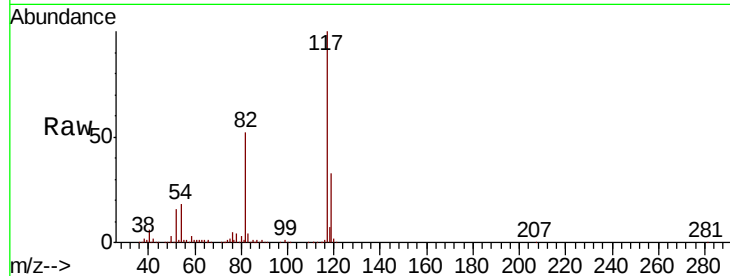




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002547.D
Acq: 04 May 2020 17:32

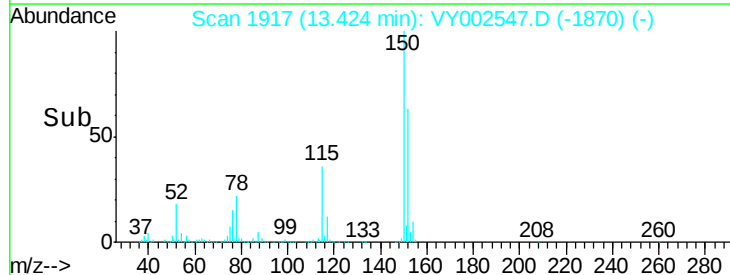
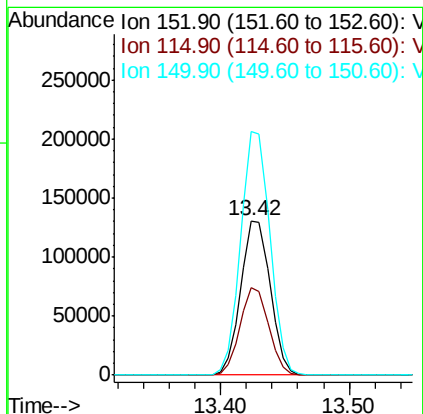
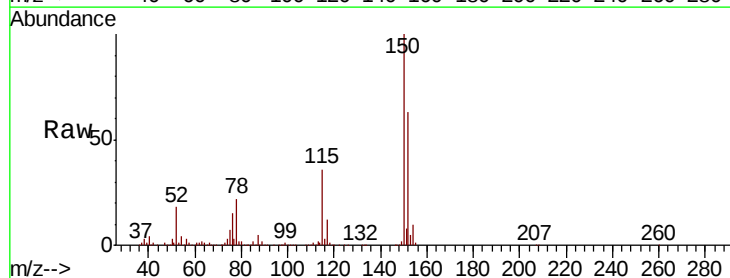
Instrument :
MSVOA_Y
ClientSampleId :

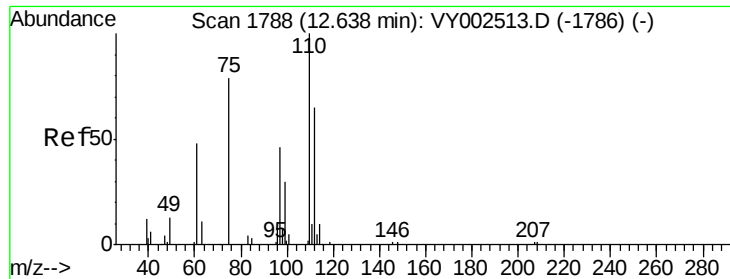
Tot Ion:117 Resp: 426485
Ion Ratio Lower Upper
117 100
82 51.8 41.3 61.9
119 32.9 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY002547.D
Acq: 04 May 2020 17:32

Tgt Ion:152 Resp: 207026
Ion Ratio Lower Upper
152 100
115 55.3 27.5 82.4
150 156.8 0.0 346.4





#76

1,2,3-Trichloropropane

Concen: 47.432 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.16 min

Lab File: VY002547.D

Acq: 04 May 2020 17:32

Instrument :

MSVOA_Y

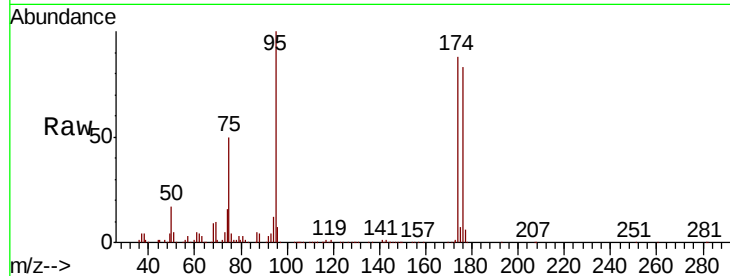
ClientSampleId :

Tot Ion: 75 Resp: 87264

Ion Ratio Lower Upper

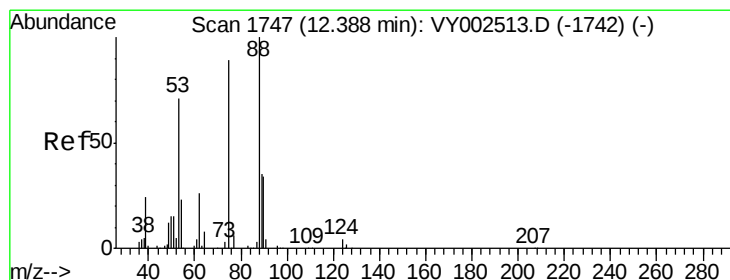
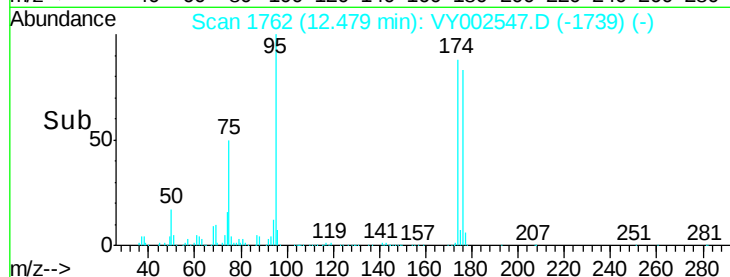
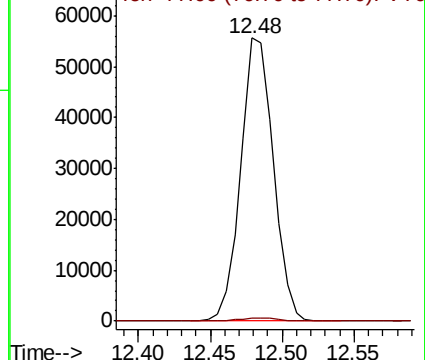
75 100

77 1.3 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: 95.110 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.09 min

Lab File: VY002547.D

Acq: 04 May 2020 17:32

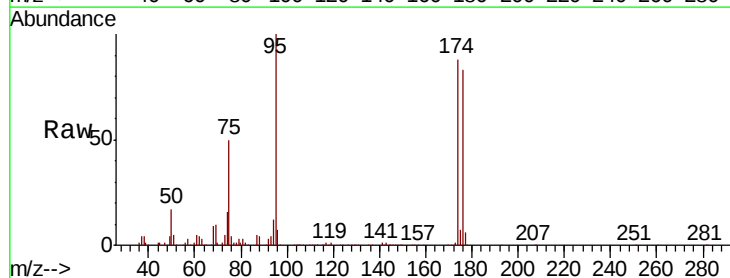
Tgt Ion: 75 Resp: 87264

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

