

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072820\
 Data File : VY003375.D
 Acq On : 28 Jul 2020 15:10
 Operator : SY/MD
 Sample : L3435-06RE
 Misc : 8.09G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 29 02:34:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

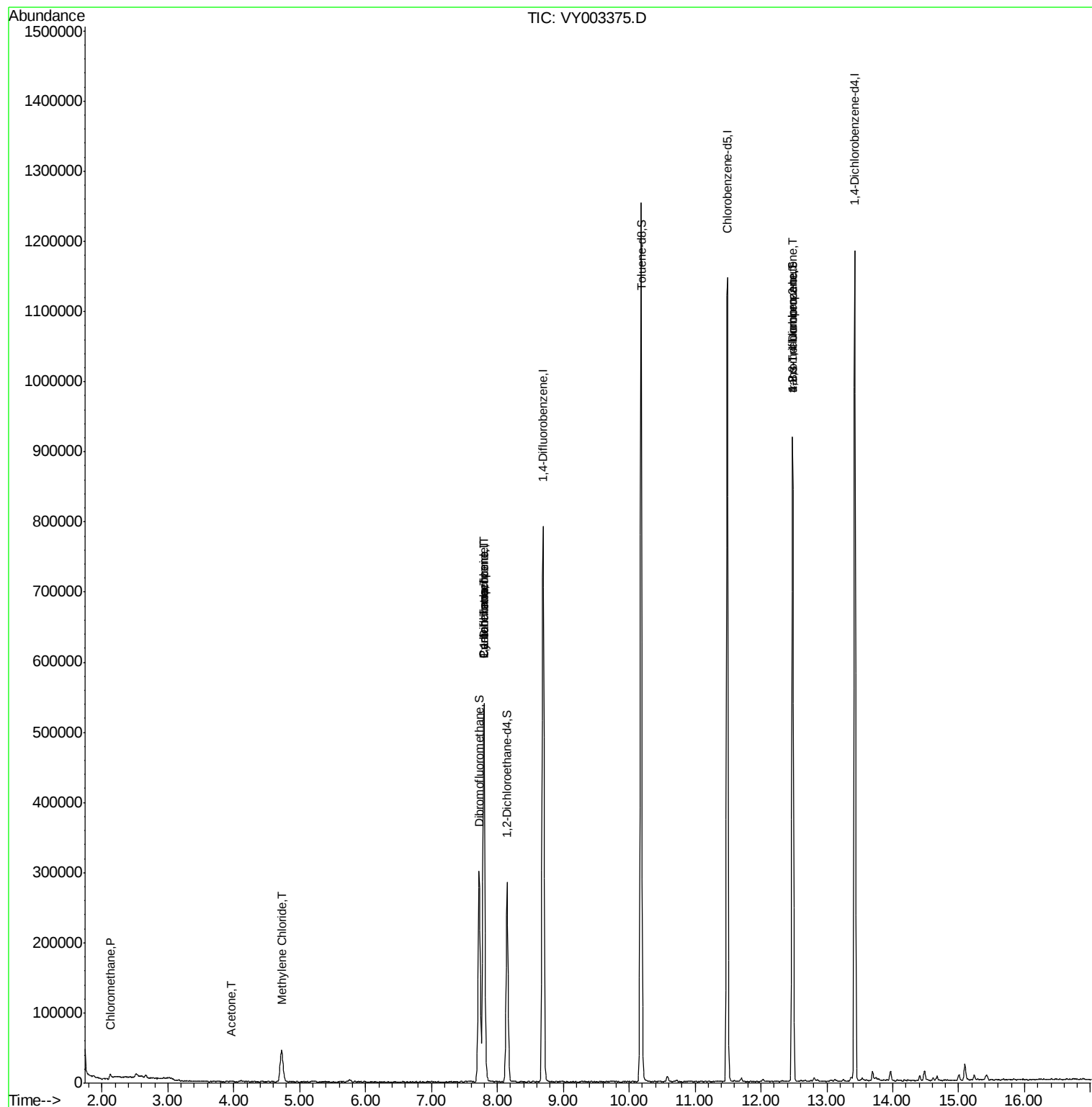
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	440119	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	688537	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	631103	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	307083	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	216886	58.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.78%	
35) Dibromofluoromethane	7.72	113	207551	52.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.76%	
50) Toluene-d8	10.18	98	835112	56.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.38%	
62) 4-Bromofluorobenzene	12.48	95	267223	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.42%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.12	50	5435	1.242	ug/l #	88
16) Acetone	3.96	43	1470	1.772	ug/l	99
20) Methylene Chloride	4.73	84	34937	3.228	ug/l	94
31) Cyclohexane	7.79	56	8039	1.190	ug/l #	1
36) 1,1-Dichloropropene	7.79	75	29826	4.779	ug/l #	49
38) Carbon Tetrachloride	7.80	117	39542	6.138	ug/l #	18
76) 1,2,3-Trichloropropane	12.48	75	135599	49.885	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	135599	97.086	ug/l #	13

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

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Quant Title : SW846 8260
QLast Update : Fri Jul 10 13:18:03 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003375.D

Acq: 28 Jul 2020 15:10

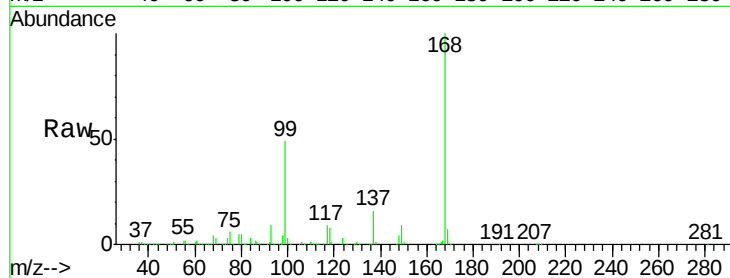
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 440119

Ion Ratio Lower Upper

168 100

99 48.9 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003375.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003375.D (-945) (-)

7.80

200000

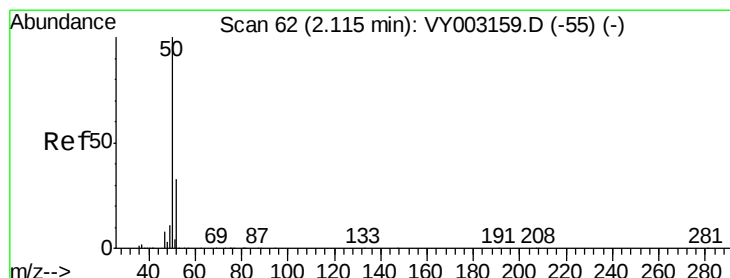
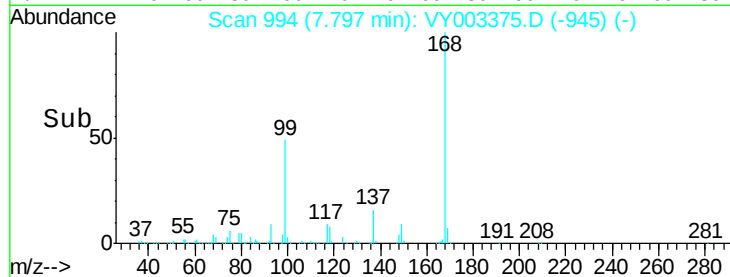
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 1.242 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.01 min

Lab File: VY003375.D

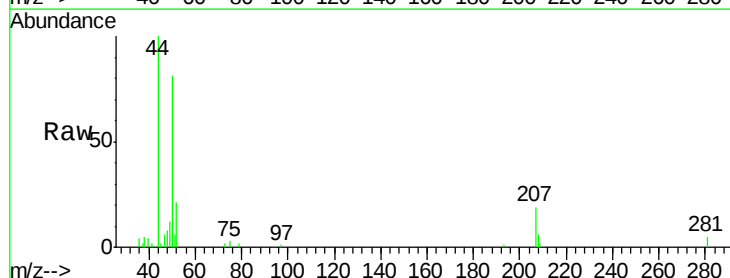
Acq: 28 Jul 2020 15:10

Tgt Ion: 50 Resp: 5435

Ion Ratio Lower Upper

50 100

52 26.3 26.6 39.8#



Abundance Ion 49.90 (49.60 to 50.60): VY003375.D (-13) (-)

Ion 51.90 (51.60 to 52.60): VY003375.D (-13) (-)

2.12

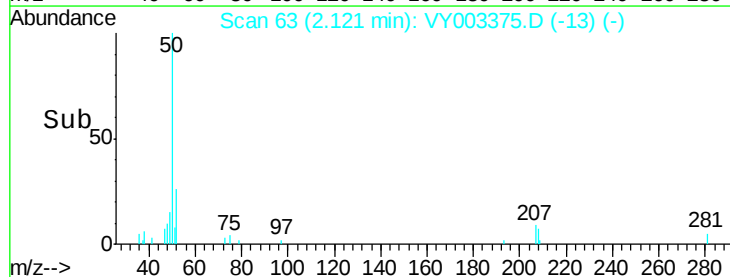
3000

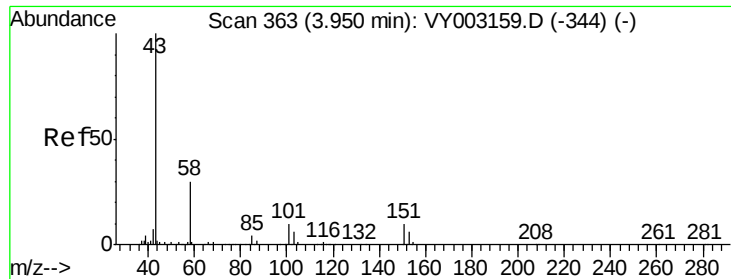
2000

1000

0

Time-->





#16

Acetone

Concen: 1.772 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003375.D

Acq: 28 Jul 2020 15:10

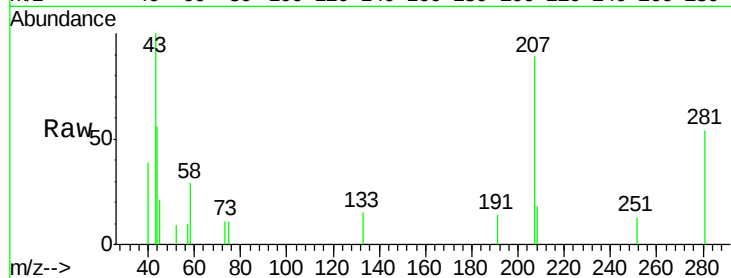
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 1470

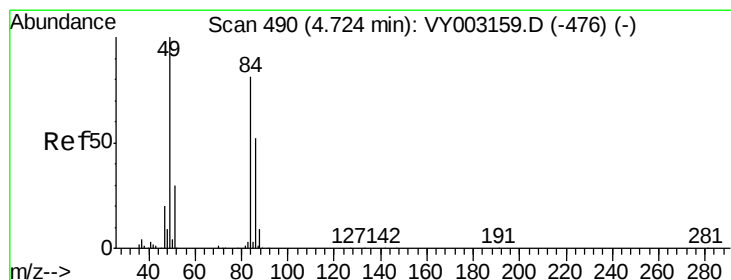
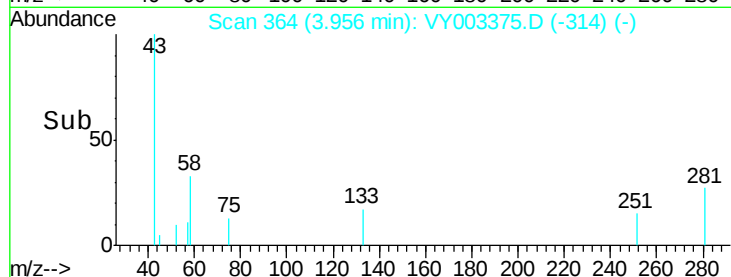
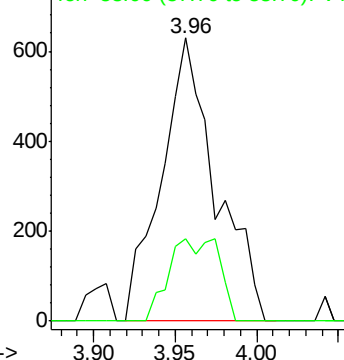
Ion Ratio Lower Upper

43 100

58 29.1 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0



#20

Methylene Chloride

Concen: 3.228 ug/l

RT: 4.73 min Scan# 491

Delta R.T. 0.01 min

Lab File: VY003375.D

Acq: 28 Jul 2020 15:10

Tgt Ion: 84 Resp: 34937

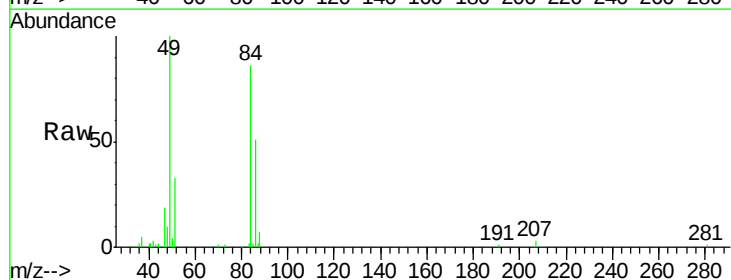
Ion Ratio Lower Upper

84 100

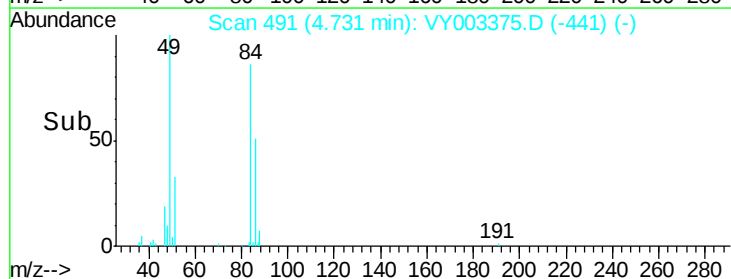
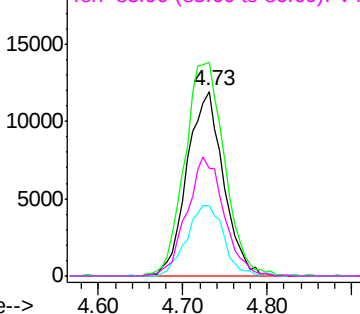
49 115.9 98.2 147.4

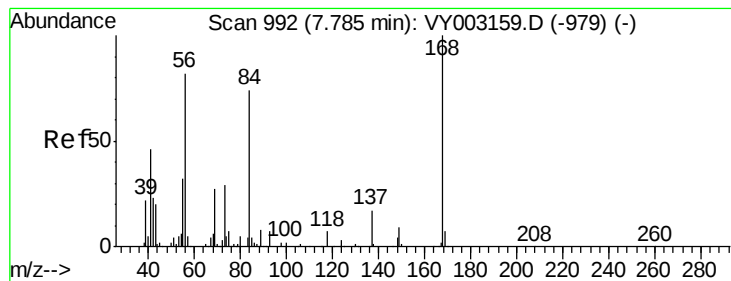
51 37.9 29.8 44.6

86 58.7 51.2 76.8



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: 1.190 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.01 min

Lab File: VY003375.D

Acq: 28 Jul 2020 15:10

Instrument :
MSVOA_Y
ClientSampleId :

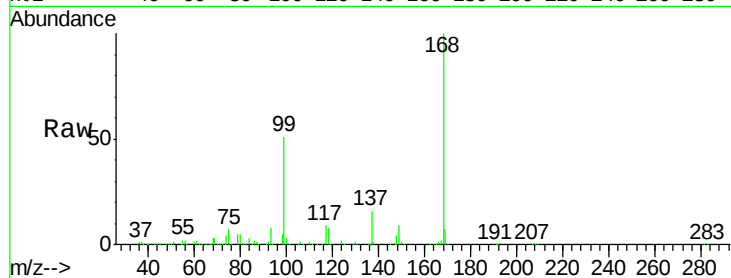
Tot Ion: 56 Resp: 8039

Ion Ratio Lower Upper

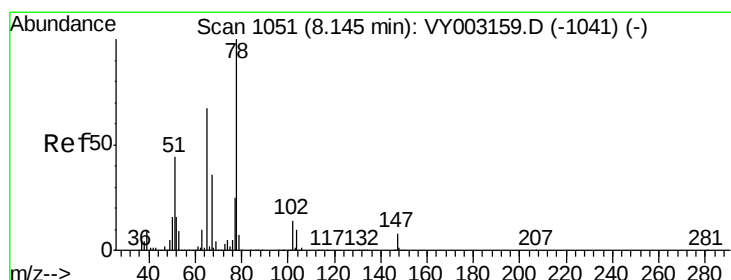
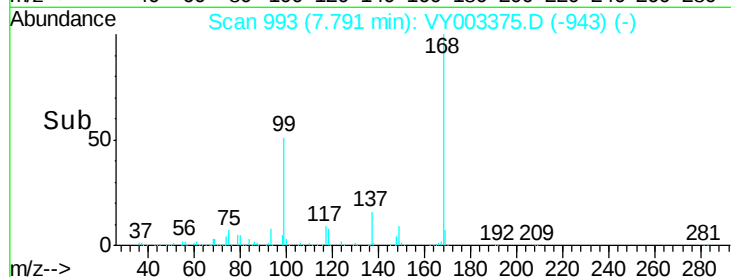
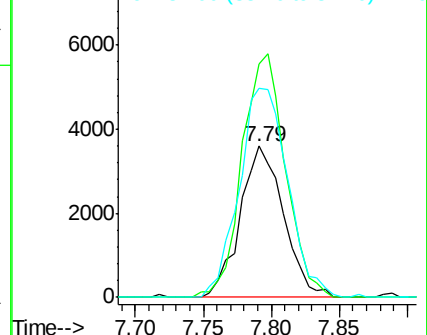
56 100

69 154.5 26.7 40.1#

84 145.0 72.3 108.5#



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: 58.385 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VY003375.D

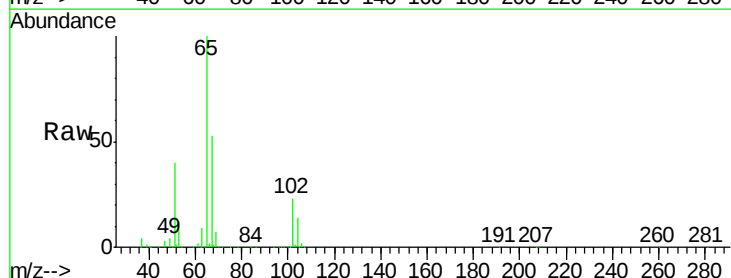
Acq: 28 Jul 2020 15:10

Tgt Ion: 65 Resp: 216886

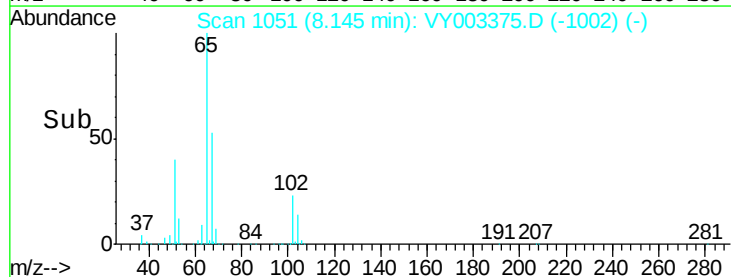
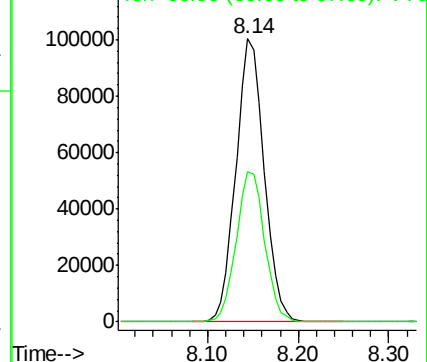
Ion Ratio Lower Upper

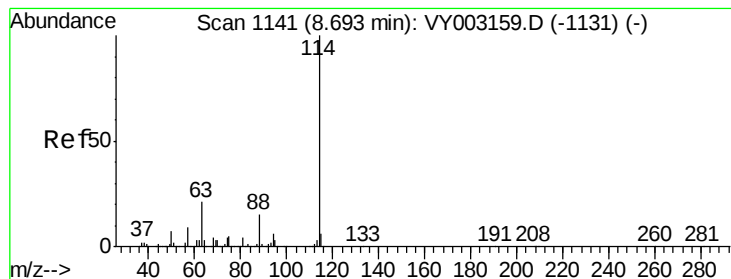
65 100

67 53.3 0.0 105.2



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: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY003375.D

Acq: 28 Jul 2020 15:10

Instrument :

MSVOA_Y

ClientSampleId :

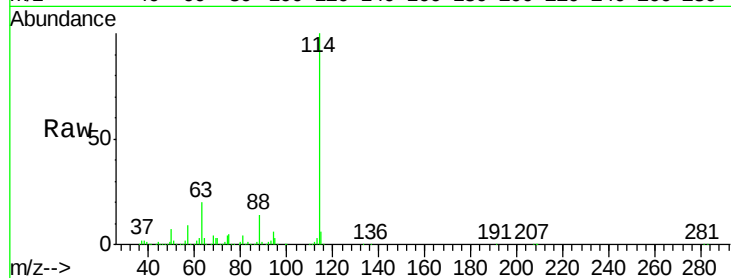
Tot Ion:114 Resp: 688537

Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.2

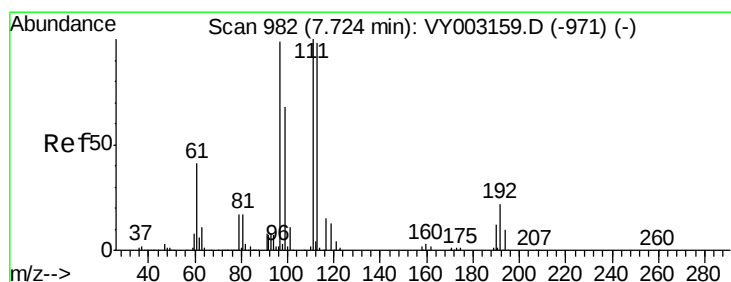
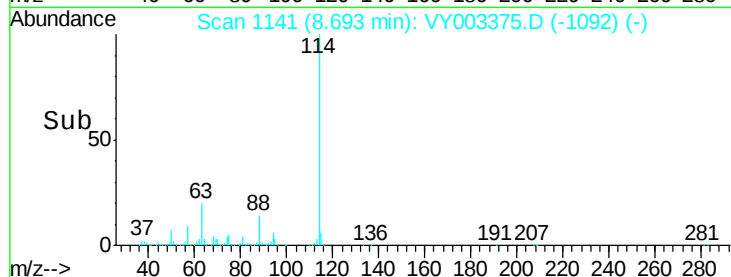
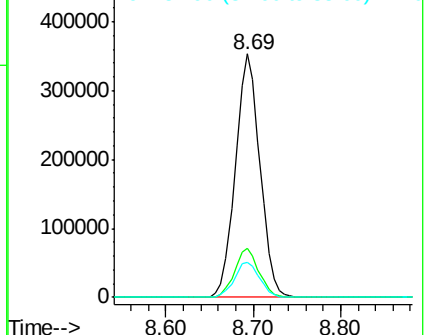
88 14.5 0.0 30.2



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: 52.381 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003375.D

Acq: 28 Jul 2020 15:10

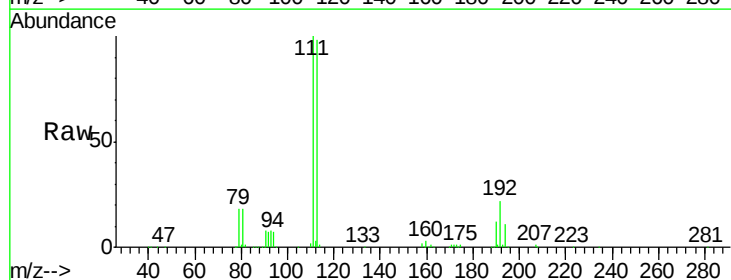
Tgt Ion:113 Resp: 207551

Ion Ratio Lower Upper

113 100

111 102.4 82.1 123.1

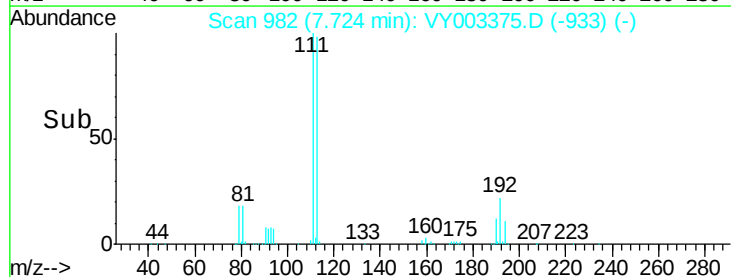
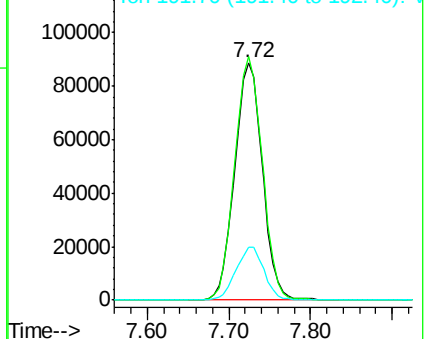
192 22.6 18.8 28.2

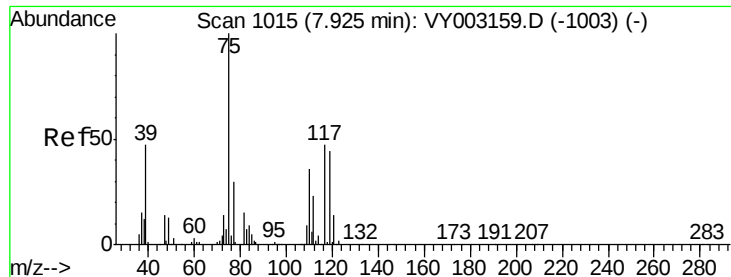


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

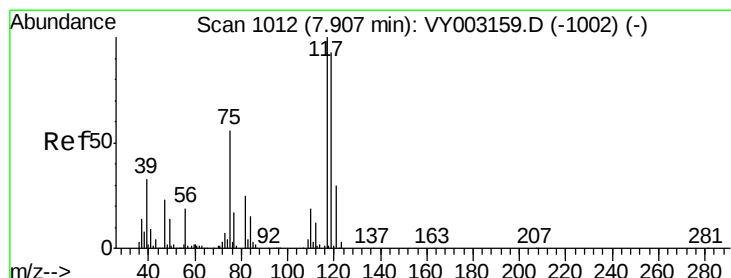
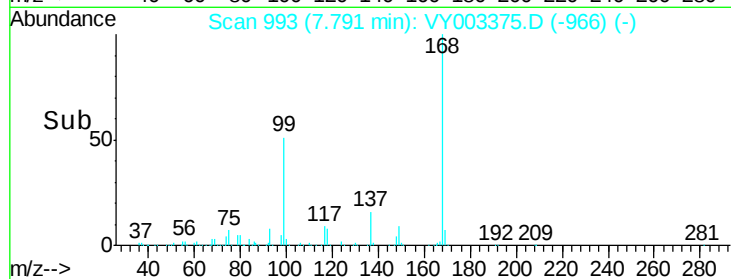
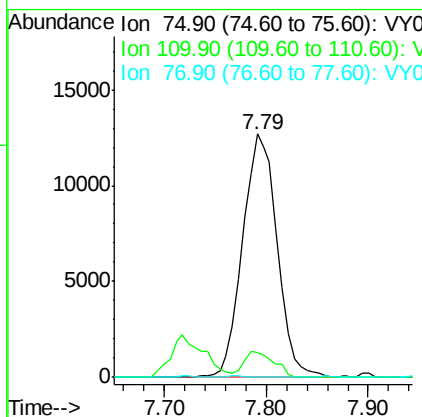
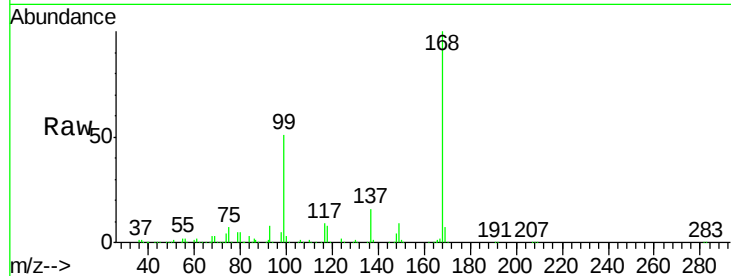




#36
 1,1-Dichloropropene
 Concen: 4.779 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VY003375.D
 Acq: 28 Jul 2020 15:10

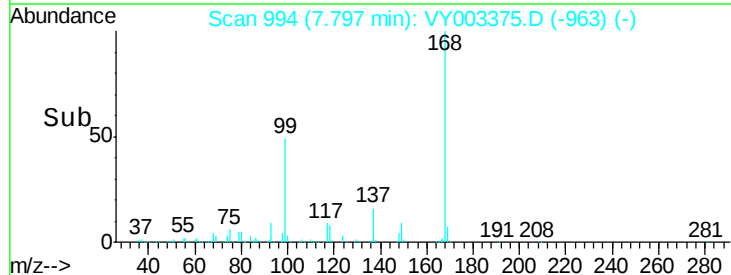
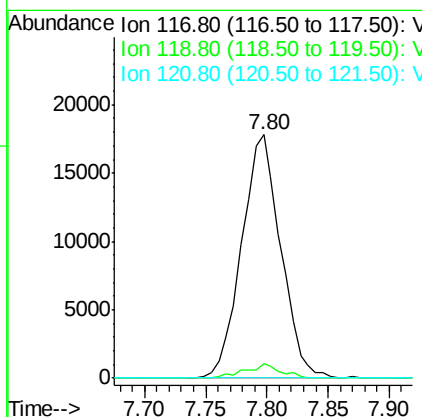
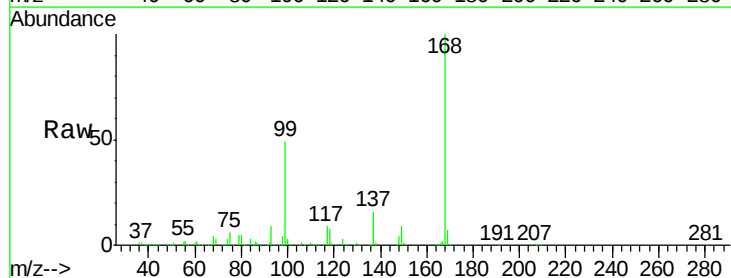
Instrument :
 MSVOA_Y
 ClientSampleId :

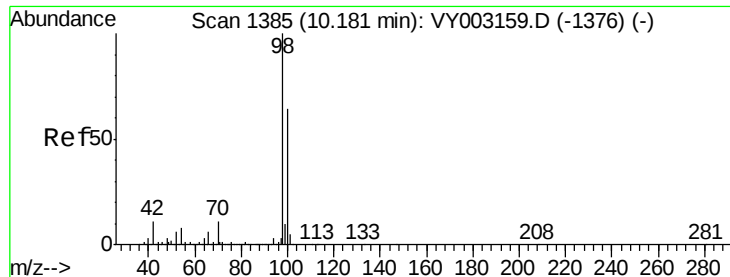
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.1	54.1#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.138 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.11 min
 Lab File: VY003375.D
 Acq: 28 Jul 2020 15:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.2	74.5	111.7#
121	0.0	24.2	36.2#





#50

Toluene-d8

Concen: 56.689 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003375.D

Acq: 28 Jul 2020 15:10

Instrument :

MSVOA_Y

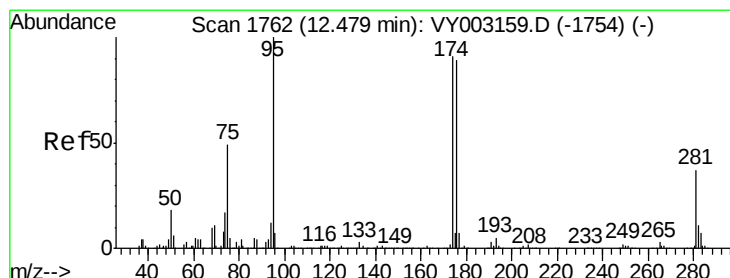
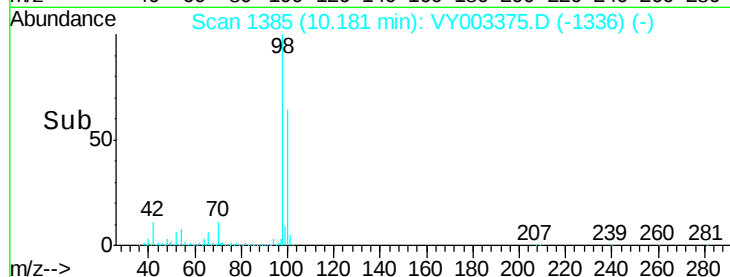
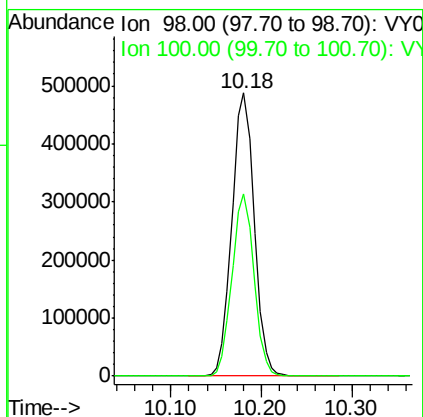
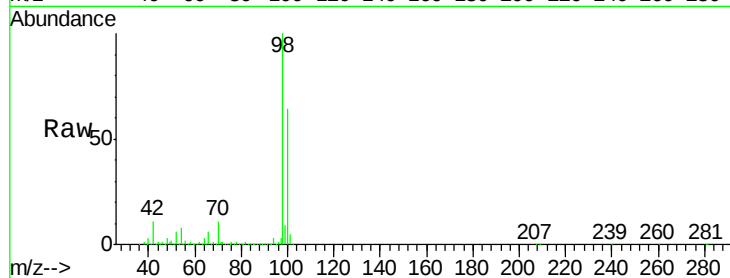
ClientSampled :

Tot Ion: 98 Resp: 835112

Ion Ratio Lower Upper

98 100

100 63.4 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 50.212 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003375.D

Acq: 28 Jul 2020 15:10

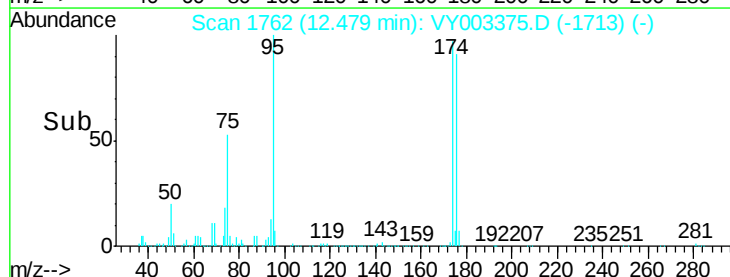
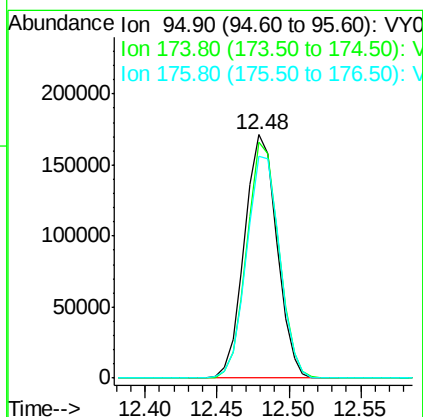
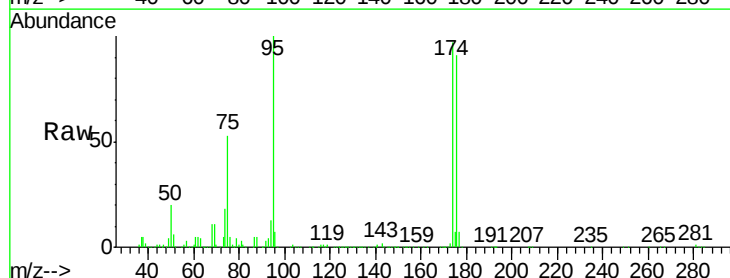
Tgt Ion: 95 Resp: 267223

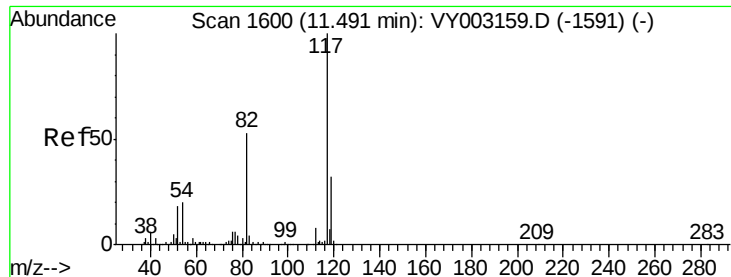
Ion Ratio Lower Upper

95 100

174 95.3 0.0 190.6

176 92.4 0.0 186.4

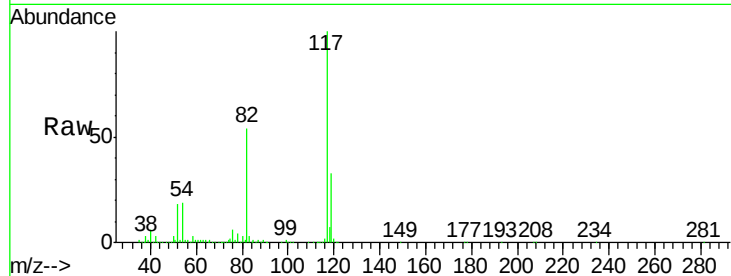




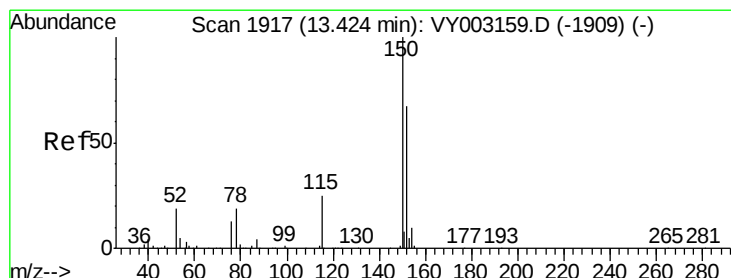
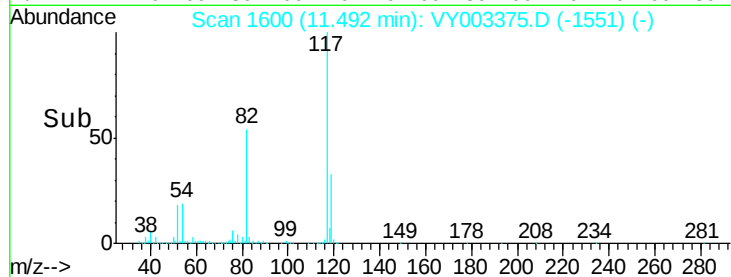
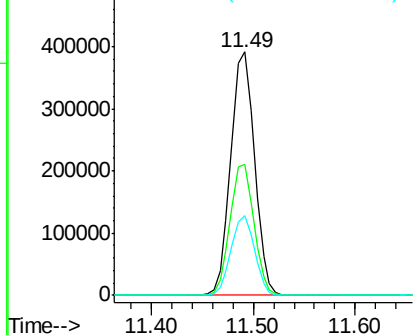
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003375.D
Acq: 28 Jul 2020 15:10

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 631103
Ion Ratio Lower Upper
117 100
82 54.0 42.0 63.0
119 32.6 25.5 38.3

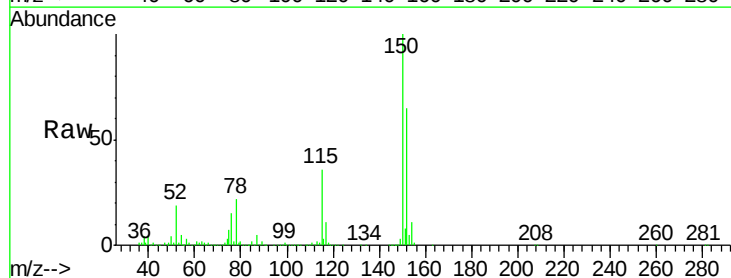


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

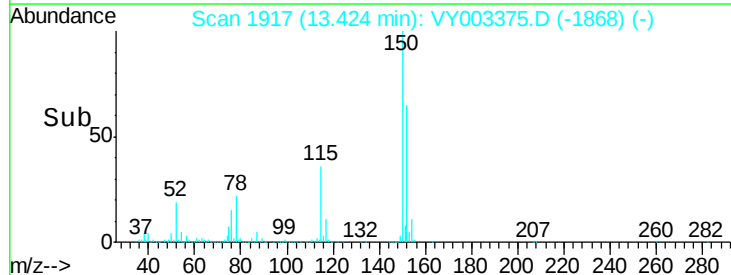
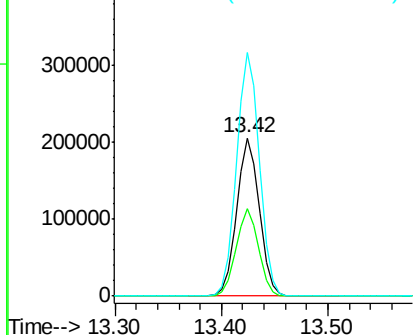


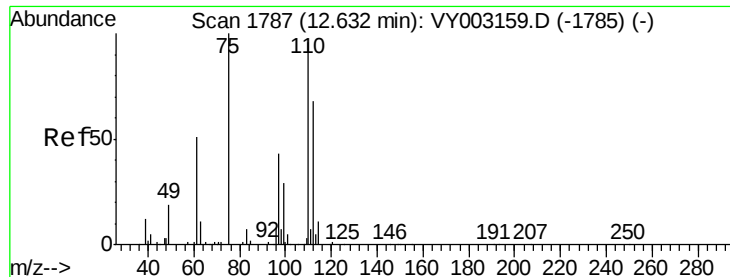
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003375.D
Acq: 28 Jul 2020 15:10

Tgt Ion:152 Resp: 307083
Ion Ratio Lower Upper
152 100
115 54.6 26.9 80.7
150 155.7 0.0 338.0



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: 49.885 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003375.D

Acq: 28 Jul 2020 15:10

Instrument :

MSVOA_Y

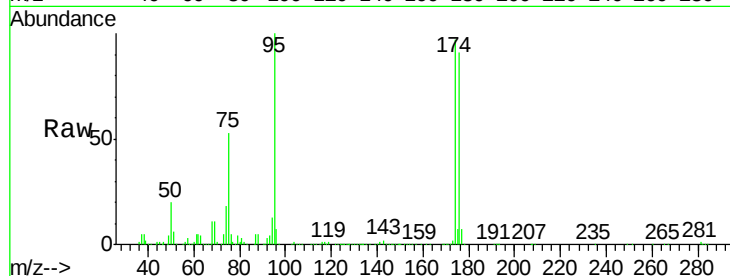
ClientSampled :

Tot Ion: 75 Resp: 135599

Ion Ratio Lower Upper

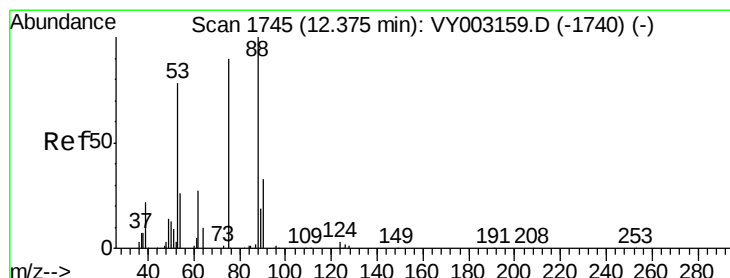
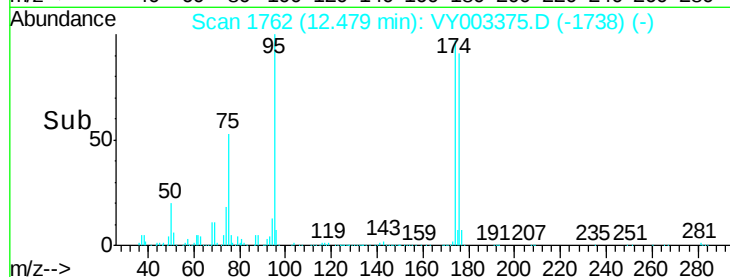
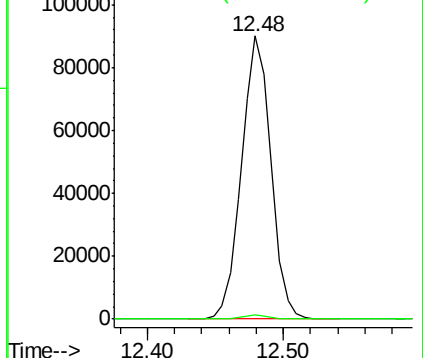
75 100

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: 97.086 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003375.D

Acq: 28 Jul 2020 15:10

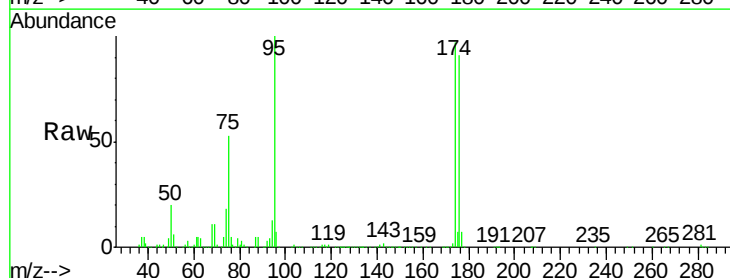
Tgt Ion: 75 Resp: 135599

Ion Ratio Lower Upper

75 100

53 0.1 72.0 108.0#

89 0.0 37.3 55.9#



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

