

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071620\
 Data File : VY003220.D
 Acq On : 16 Jul 2020 19:22
 Operator : SY/MD
 Sample : L3308-13
 Misc : 5.06G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 13RE

Quant Time: Jul 17 05:22:45 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

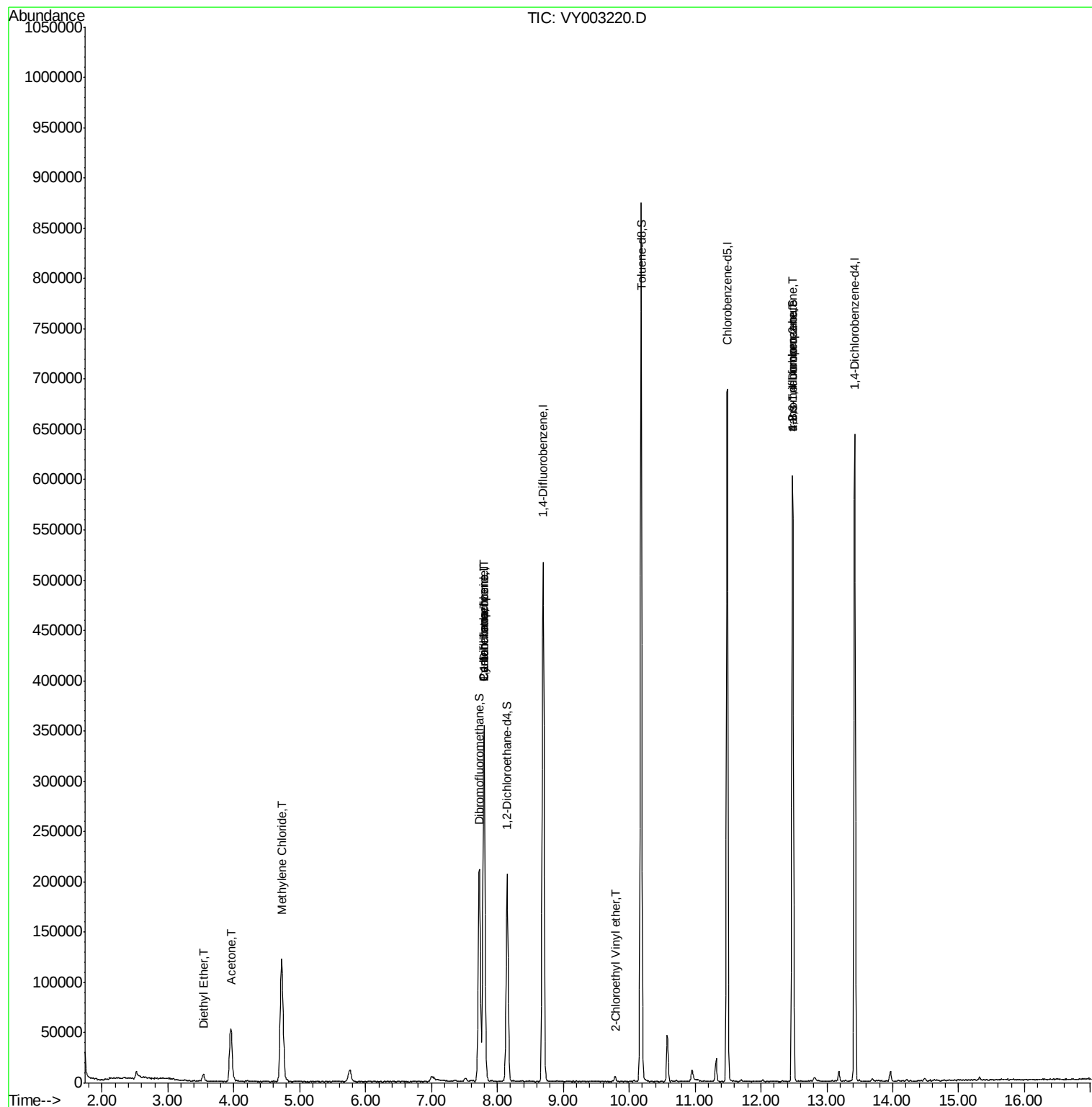
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	286129	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	435057	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	372212	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	164957	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	158855	65.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	131.56%	
35) Dibromofluoromethane	7.72	113	151128	60.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.72%	
50) Toluene-d8	10.18	98	556986	59.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.68%	
62) 4-Bromofluorobenzene	12.48	95	163002	48.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.94%	
Target Compounds						
8) Diethyl Ether	3.54	74	4105	2.939	ug/l	97
16) Acetone	3.95	43	95074	176.244	ug/l	98
20) Methylene Chloride	4.72	84	93768	32.640	ug/l	99
31) Cyclohexane	7.80	56	5714	1.301	ug/l #	1
36) 1,1-Dichloropropene	7.79	75	21163	5.367	ug/l #	51
38) Carbon Tetrachloride	7.80	117	25993	6.385	ug/l #	18
58) 2-Chloroethyl Vinyl ether	9.79	63	2501	1.551	ug/l #	83
76) 1,2,3-Trichloropropane	12.48	75	87250	59.754	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	87250	116.293	ug/l #	13

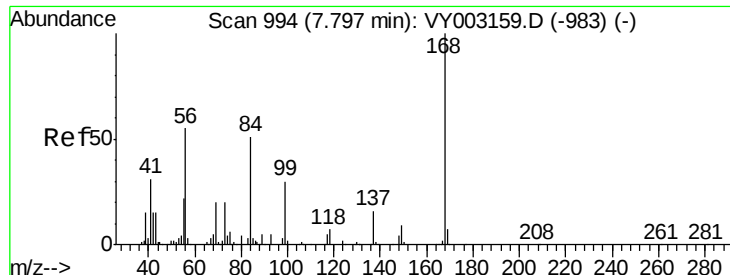
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY071620\
Data File : VY003220.D
Acq On : 16 Jul 2020 19:22
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Misc : 5.06G/5ML/MSVOA Y/SOIL
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Instrument :
MSVOA_Y
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13RE

Quant Time: Jul 17 05:22:45 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
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: VY003220.D

Acq: 16 Jul 2020 19:22

Instrument :

MSVOA_Y

ClientSampled :

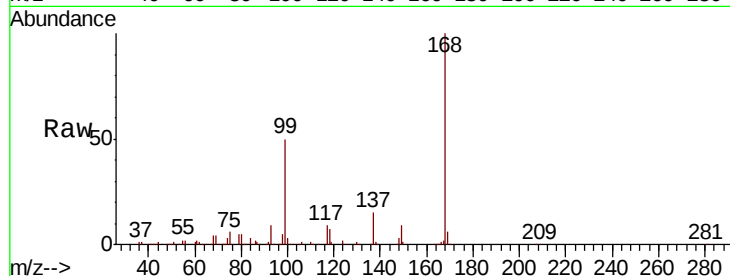
13RE

Tot Ion:168 Resp: 286129

Ion Ratio Lower Upper

168 100

99 50.0 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003220.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003220.D (-945) (-)

7.80

150000

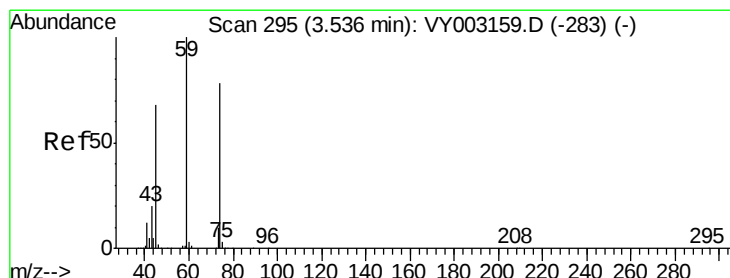
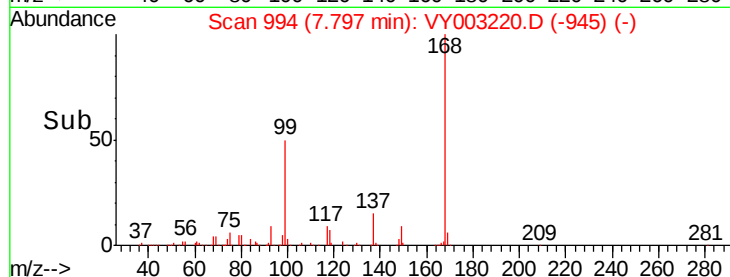
100000

50000

0

7.70 7.80 7.90

Time-->



#8

Diethyl Ether

Concen: 2.939 ug/l

RT: 3.54 min Scan# 295

Delta R.T. 0.00 min

Lab File: VY003220.D

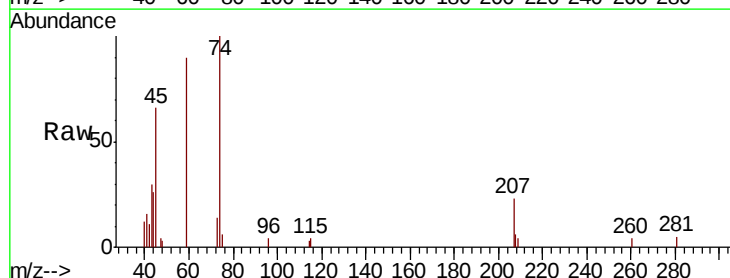
Acq: 16 Jul 2020 19:22

Tgt Ion: 74 Resp: 4105

Ion Ratio Lower Upper

74 100

45 88.1 45.3 135.8



Abundance Ion 74.00 (73.70 to 74.70): VY003220.D (-246) (-)

Ion 45.00 (44.70 to 45.70): VY003220.D (-246) (-)

3.54

2500

2000

1500

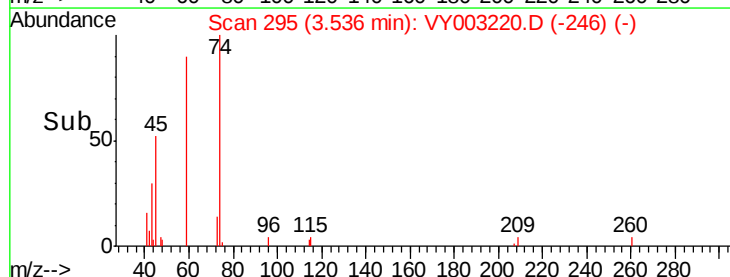
1000

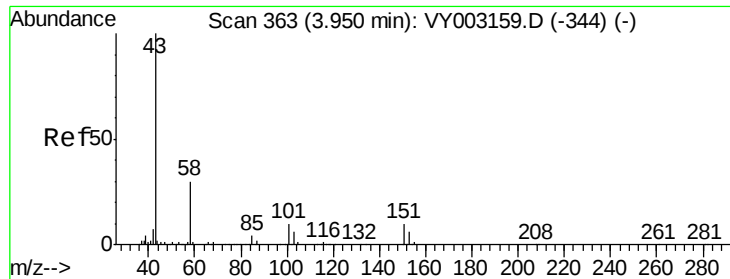
500

0

3.45 3.50 3.55 3.60

Time-->





#16

Acetone

Concen: 176.244 ug/l

RT: 3.95 min Scan# 363

Delta R.T. 0.00 min

Lab File: VY003220.D

Acq: 16 Jul 2020 19:22

Instrument :

MSVOA_Y

ClientSampleId :

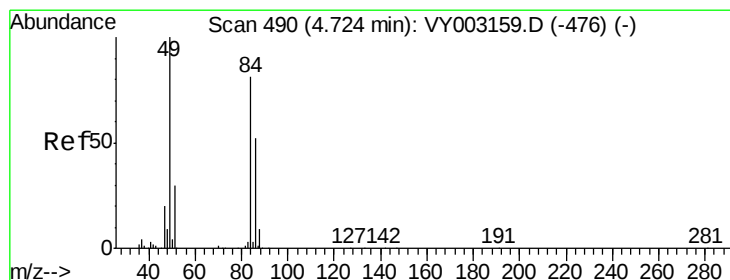
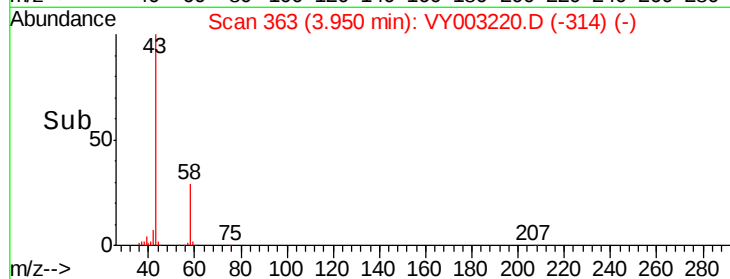
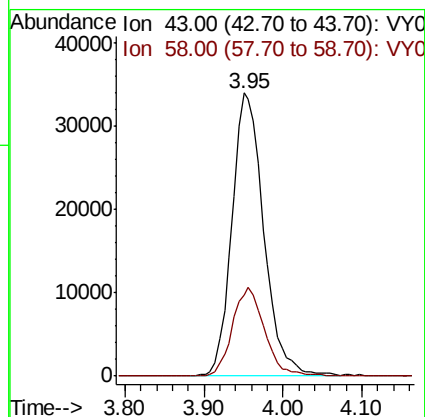
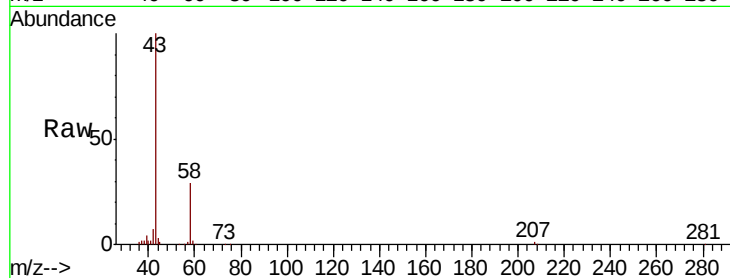
13RE

Tot Ion: 43 Resp: 95074

Ion Ratio Lower Upper

43 100

58 28.7 23.8 35.6



#20

Methylene Chloride

Concen: 32.640 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY003220.D

Acq: 16 Jul 2020 19:22

Tgt Ion: 84 Resp: 93768

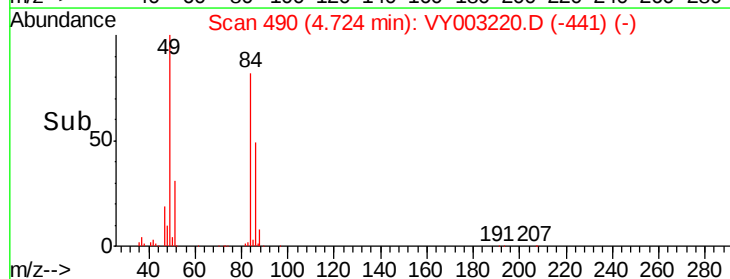
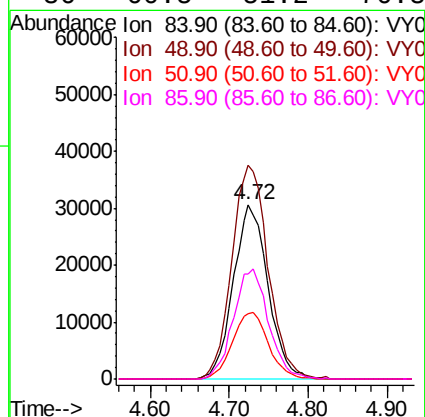
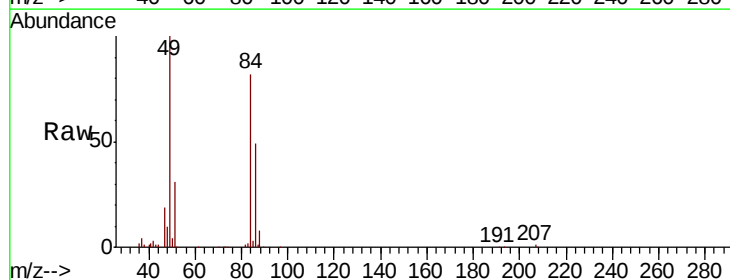
Ion Ratio Lower Upper

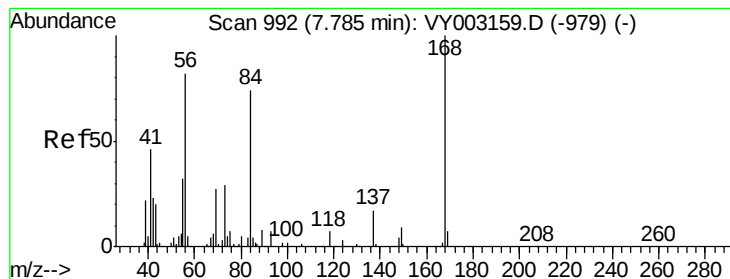
84 100

49 122.7 98.2 147.4

51 37.5 29.8 44.6

86 60.5 51.2 76.8





#31

Cyclohexane

Concen: 1.301 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY003220.D

Acq: 16 Jul 2020 19:22

Instrument :

MSVOA_Y

ClientSampleId :

13RE

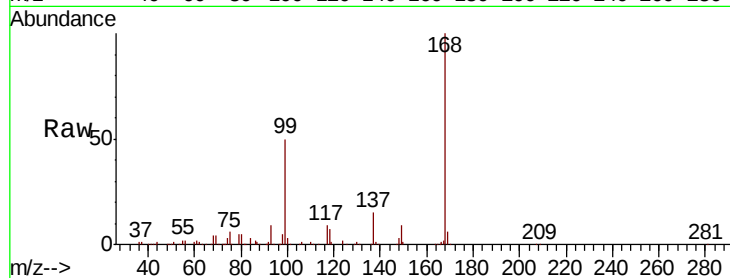
Tot Ion: 56 Resp: 5714

Ion Ratio Lower Upper

56 100

69 167.5 26.7 40.1#

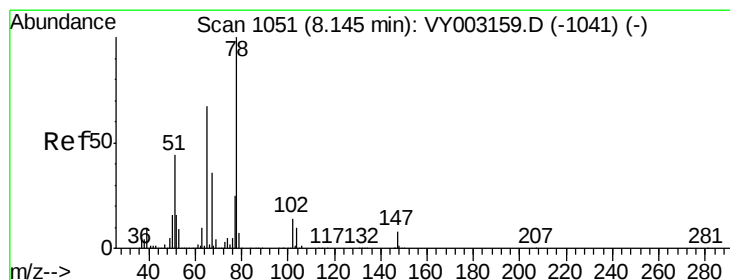
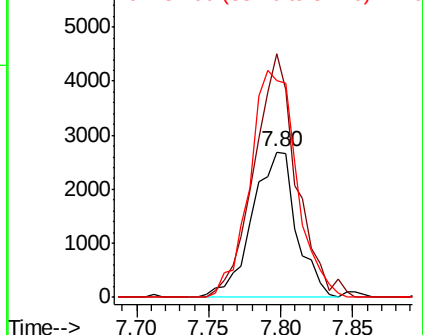
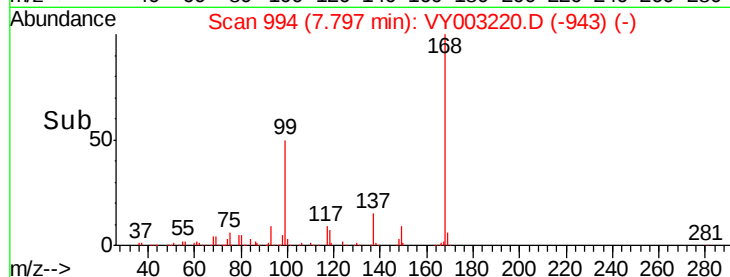
84 149.2 72.3 108.5#



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: 65.778 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VY003220.D

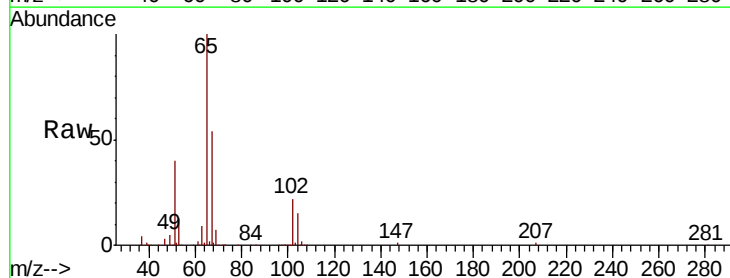
Acq: 16 Jul 2020 19:22

Tgt Ion: 65 Resp: 158855

Ion Ratio Lower Upper

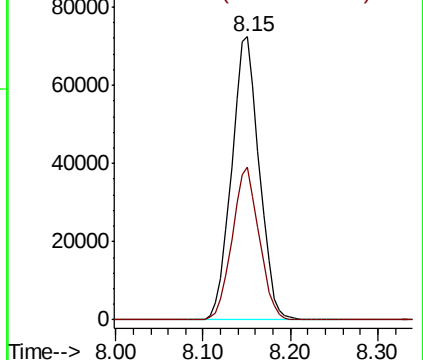
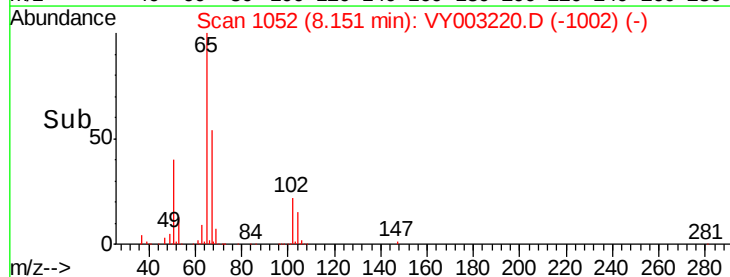
65 100

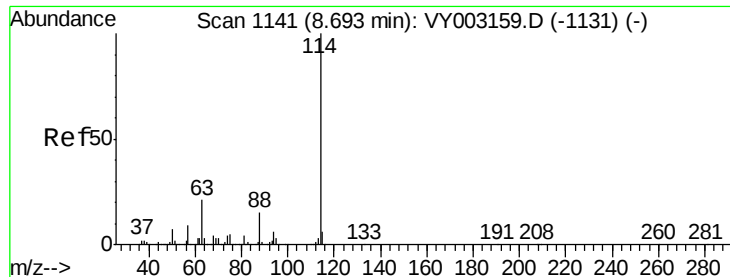
67 52.7 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

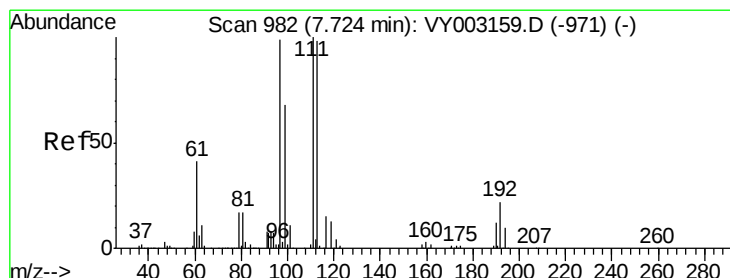
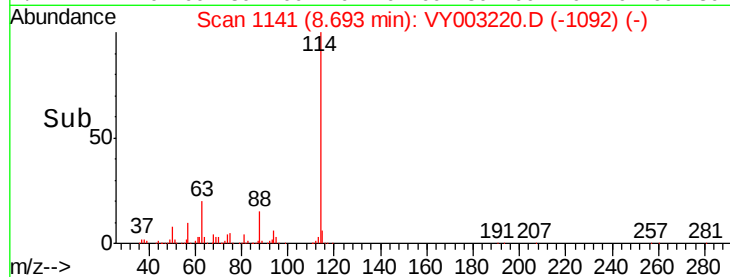
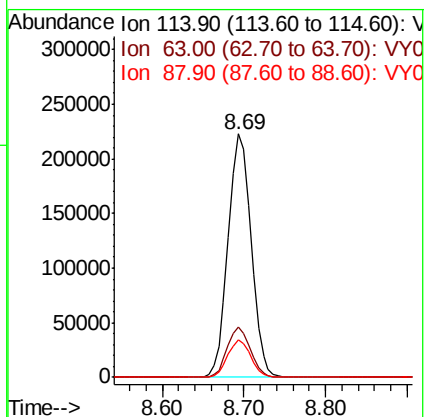
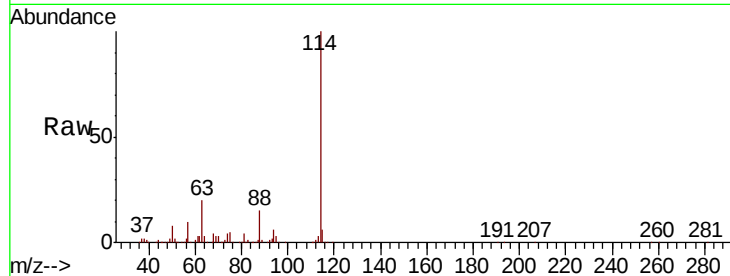




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VY003220.D
Acq: 16 Jul 2020 19:22

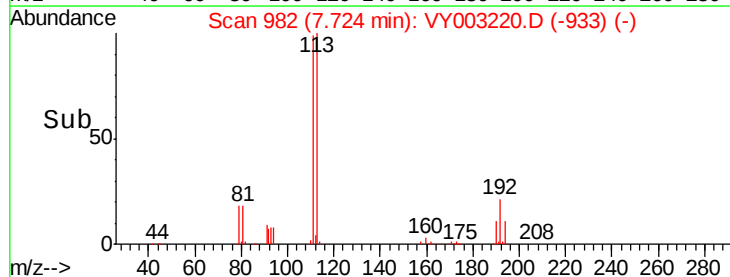
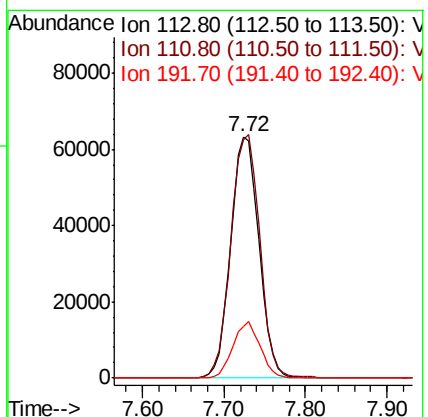
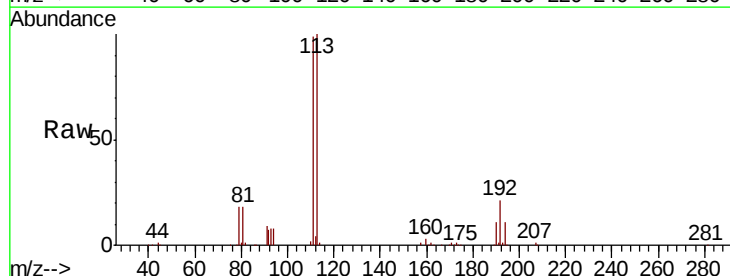
Instrument :
MSVOA_Y
ClientSampleId :
13RE

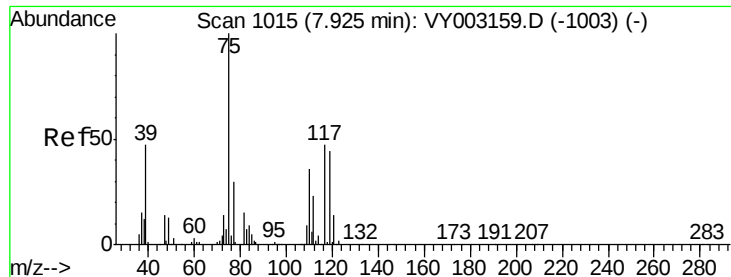
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	41.2
88	15.2	0.0	30.2



#35
Dibromofluoromethane
Concen: 60.363 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY003220.D
Acq: 16 Jul 2020 19:22

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.1	123.1
192	22.4	18.8	28.2

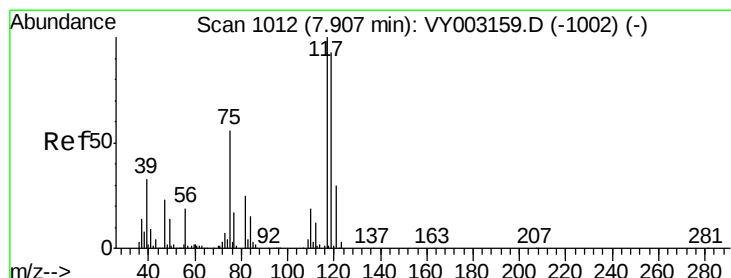
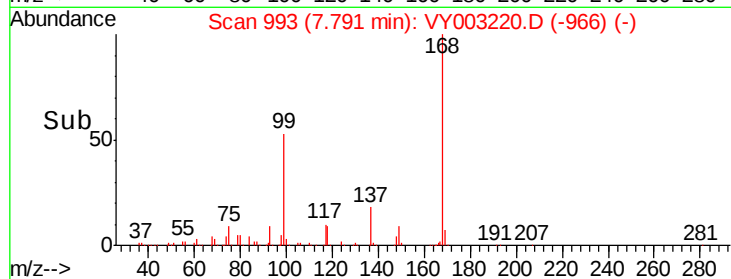
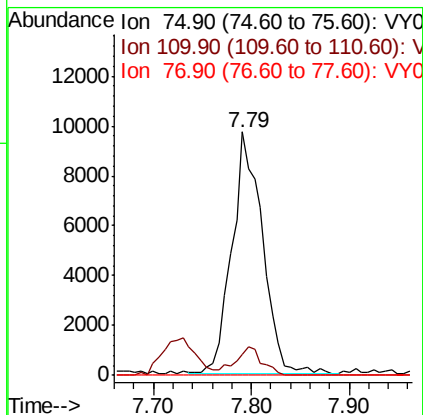
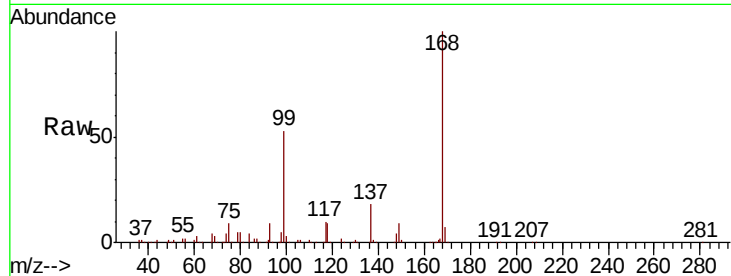




#36
 1,1-Dichloropropene
 Concen: 5.367 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VY003220.D
 Acq: 16 Jul 2020 19:22

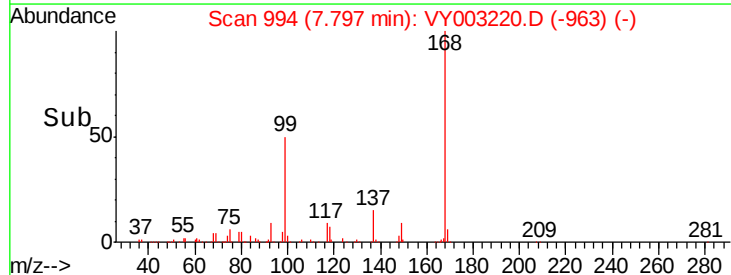
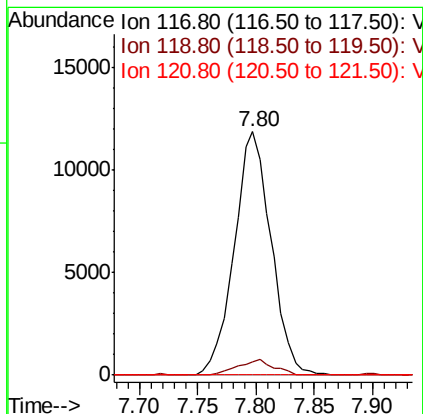
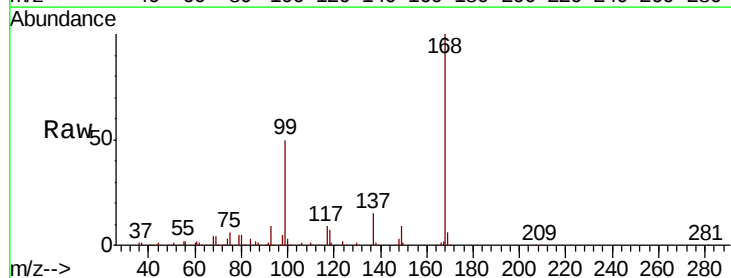
Instrument :
 MSVOA_Y
 ClientSampleId :
 13RE

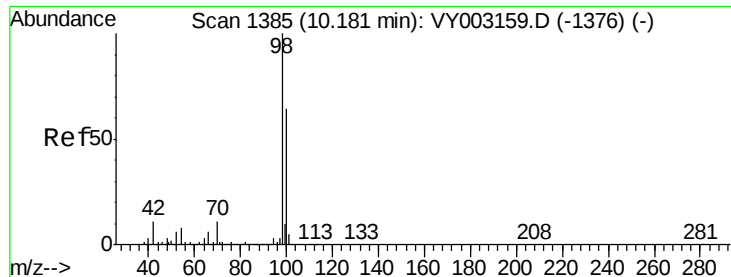
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.5	18.1	54.1#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.385 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.11 min
 Lab File: VY003220.D
 Acq: 16 Jul 2020 19:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.5	74.5	111.7#
121	0.0	24.2	36.2#





#50

Toluene-d8

Concen: 59.839 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003220.D

Acq: 16 Jul 2020 19:22

Instrument :

MSVOA_Y

ClientSampleId :

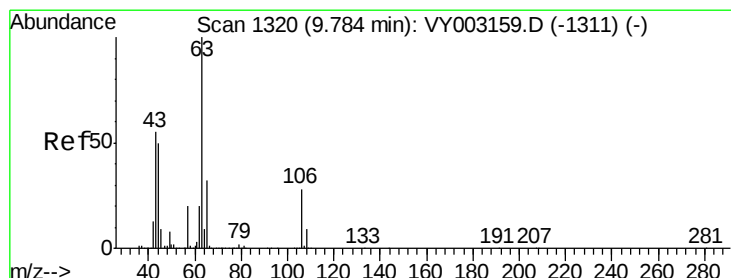
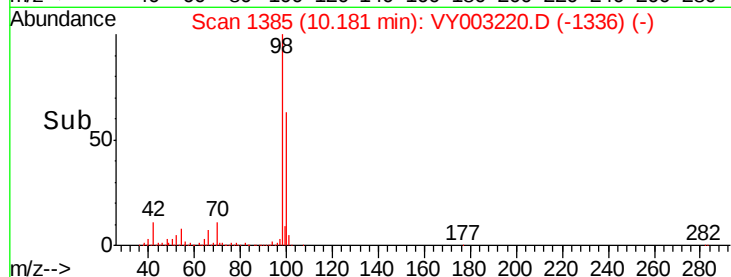
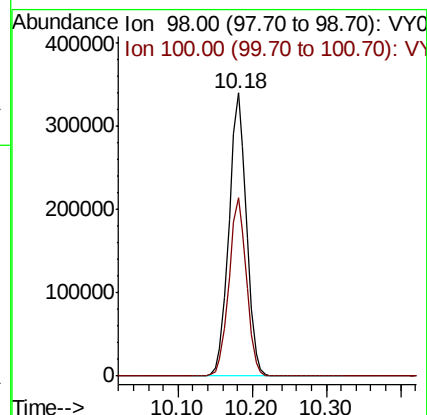
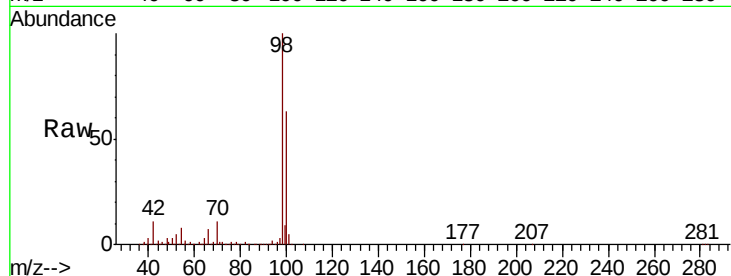
13RE

Tot Ion: 98 Resp: 556986

Ion Ratio Lower Upper

98 100

100 63.1 50.7 76.1



#58

2-Chloroethyl Vinyl ether

Concen: 1.551 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. 0.01 min

Lab File: VY003220.D

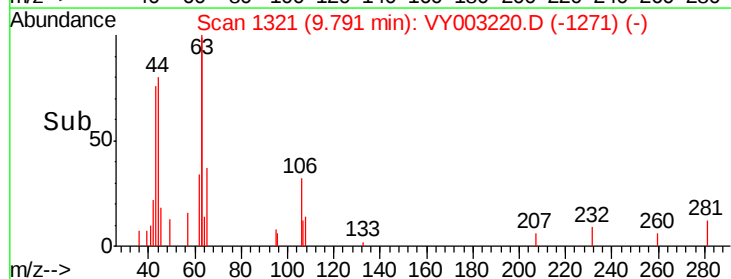
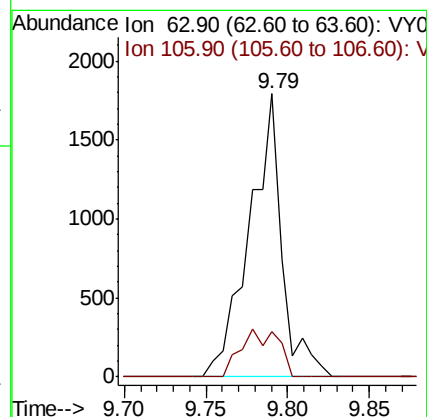
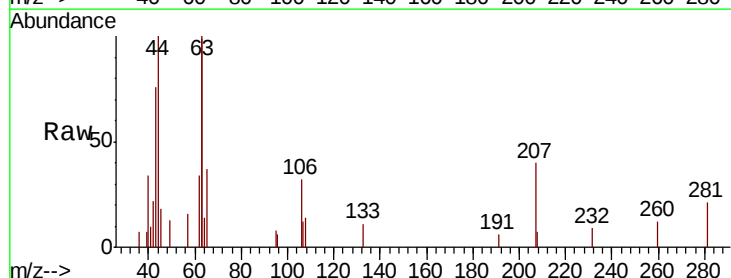
Acq: 16 Jul 2020 19:22

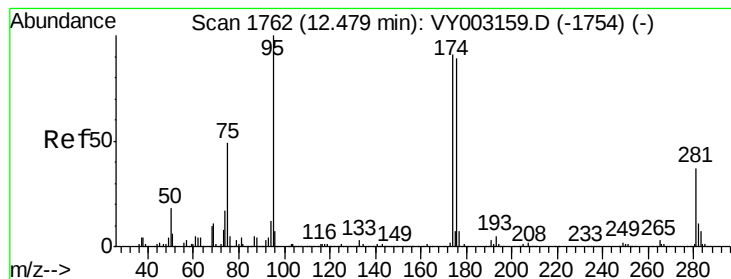
Tgt Ion: 63 Resp: 2501

Ion Ratio Lower Upper

63 100

106 19.4 22.9 34.3#





#62

4-Bromofluorobenzene

Concen: 48.474 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003220.D

Acq: 16 Jul 2020 19:22

Instrument :

MSVOA_Y

ClientSampleId :

13RE

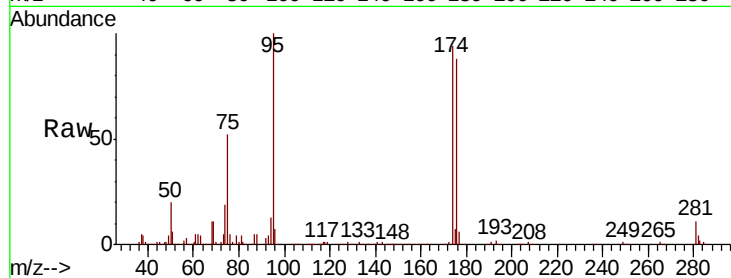
Tot Ion: 95 Resp: 163002

Ion Ratio Lower Upper

95 100

174 94.9 0.0 190.6

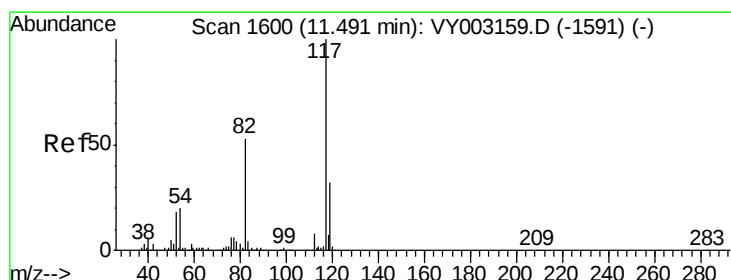
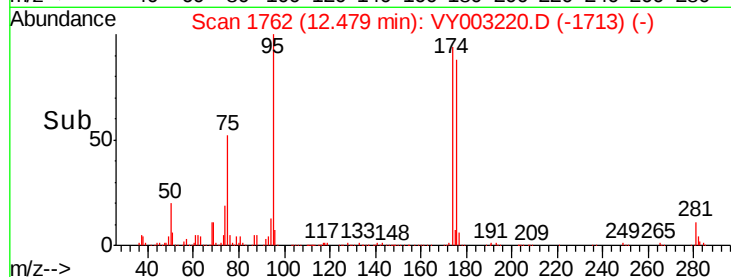
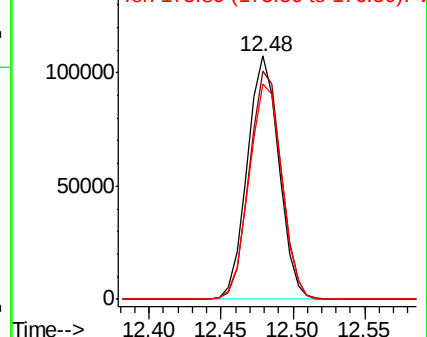
176 91.5 0.0 186.4



Abundance Ion 94.90 (94.60 to 95.60): VY003220.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY003220.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY003220.D (-1754) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY003220.D

Acq: 16 Jul 2020 19:22

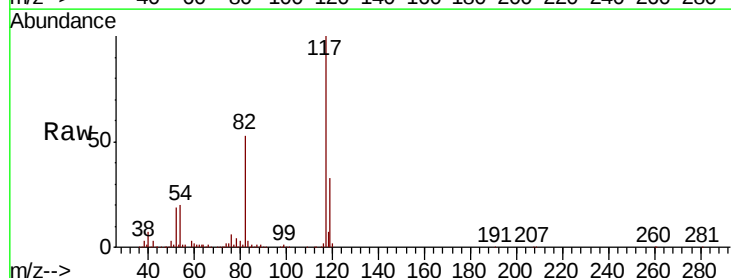
Tgt Ion: 117 Resp: 372212

Ion Ratio Lower Upper

117 100

82 52.5 42.0 63.0

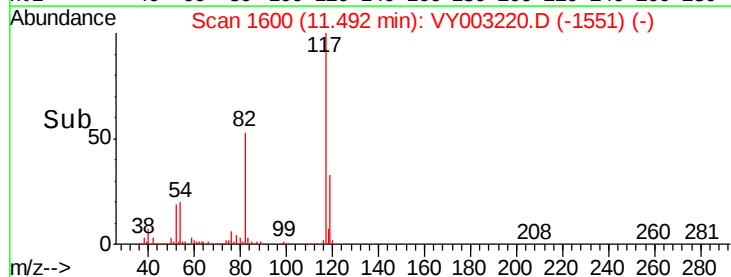
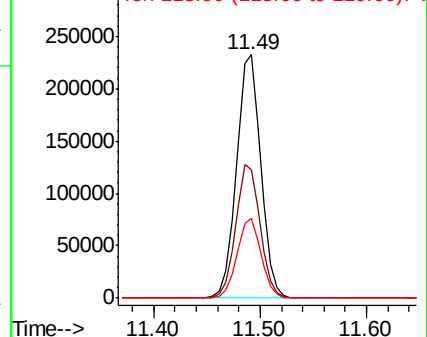
119 32.8 25.5 38.3

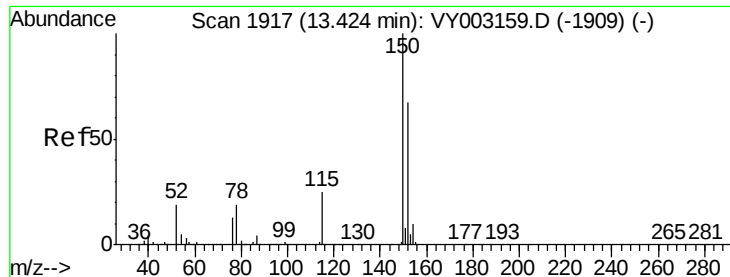


Abundance Ion 116.90 (116.60 to 117.60): VY003220.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY003220.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY003220.D (-1551) (-)



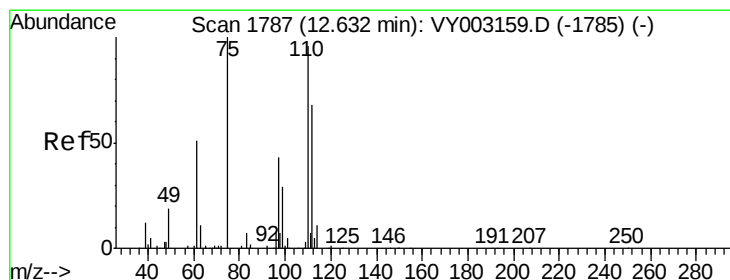
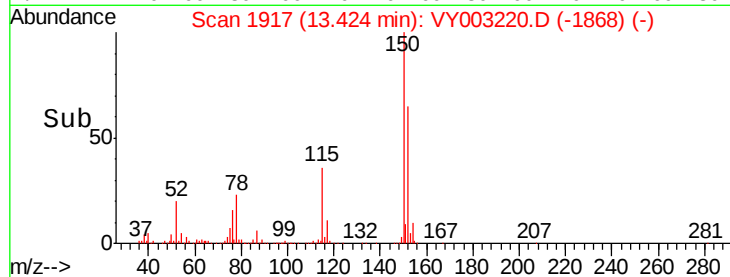
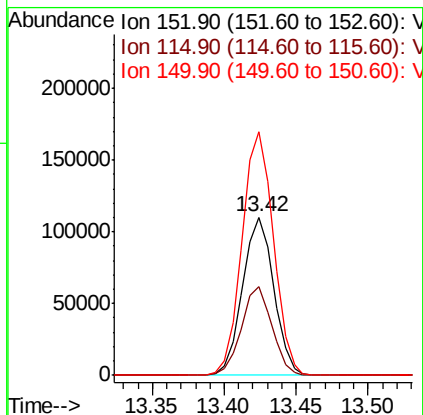
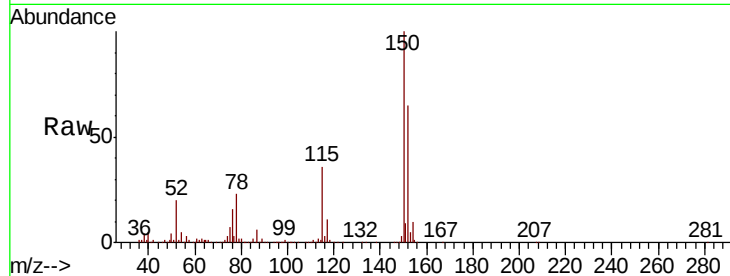


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003220.D
Acq: 16 Jul 2020 19:22

Instrument :
MSVOA_Y
ClientSampleId :
13RE

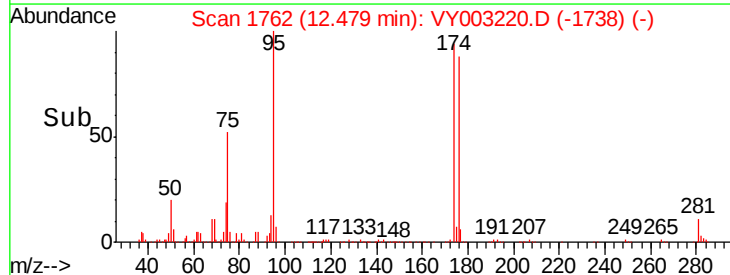
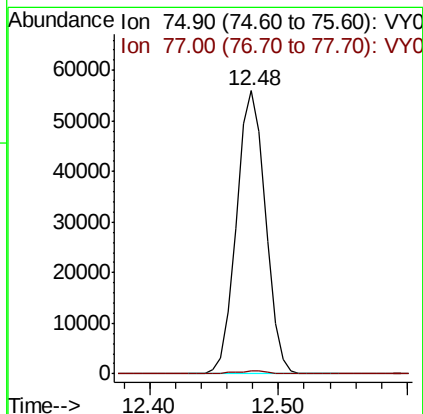
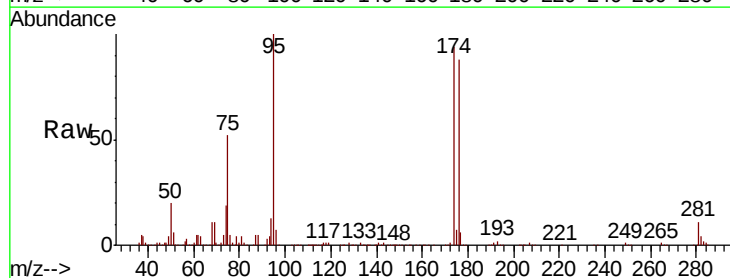
Tot Ion	Ratio	Lower	Upper
152	100		
115	54.9	26.9	80.7
150	155.4	0.0	338.0

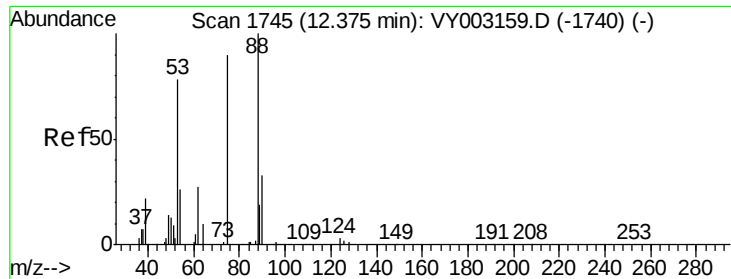


#76

1,2,3-Trichloropropane
Concen: 59.754 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY003220.D
Acq: 16 Jul 2020 19:22

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 116.293 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003220.D

Acq: 16 Jul 2020 19:22

Instrument :

MSVOA_Y

ClientSampleId :

13RE

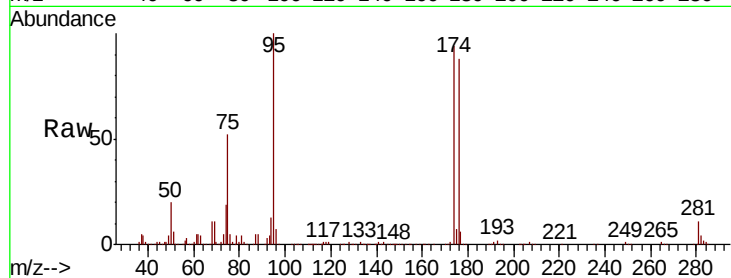
Tot Ion: 75 Resp: 87250

Ion Ratio Lower Upper

75 100

53 0.1 72.0 108.0#

89 0.3 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

