

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052720\
 Data File : VY002778.D
 Acq On : 27 May 2020 20:52
 Operator : SY/MD
 Sample : L2771-20
 Misc : 7.86G/5ML/MSVOA Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FOX-HILL-RD-2

Quant Time: May 28 04:46:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

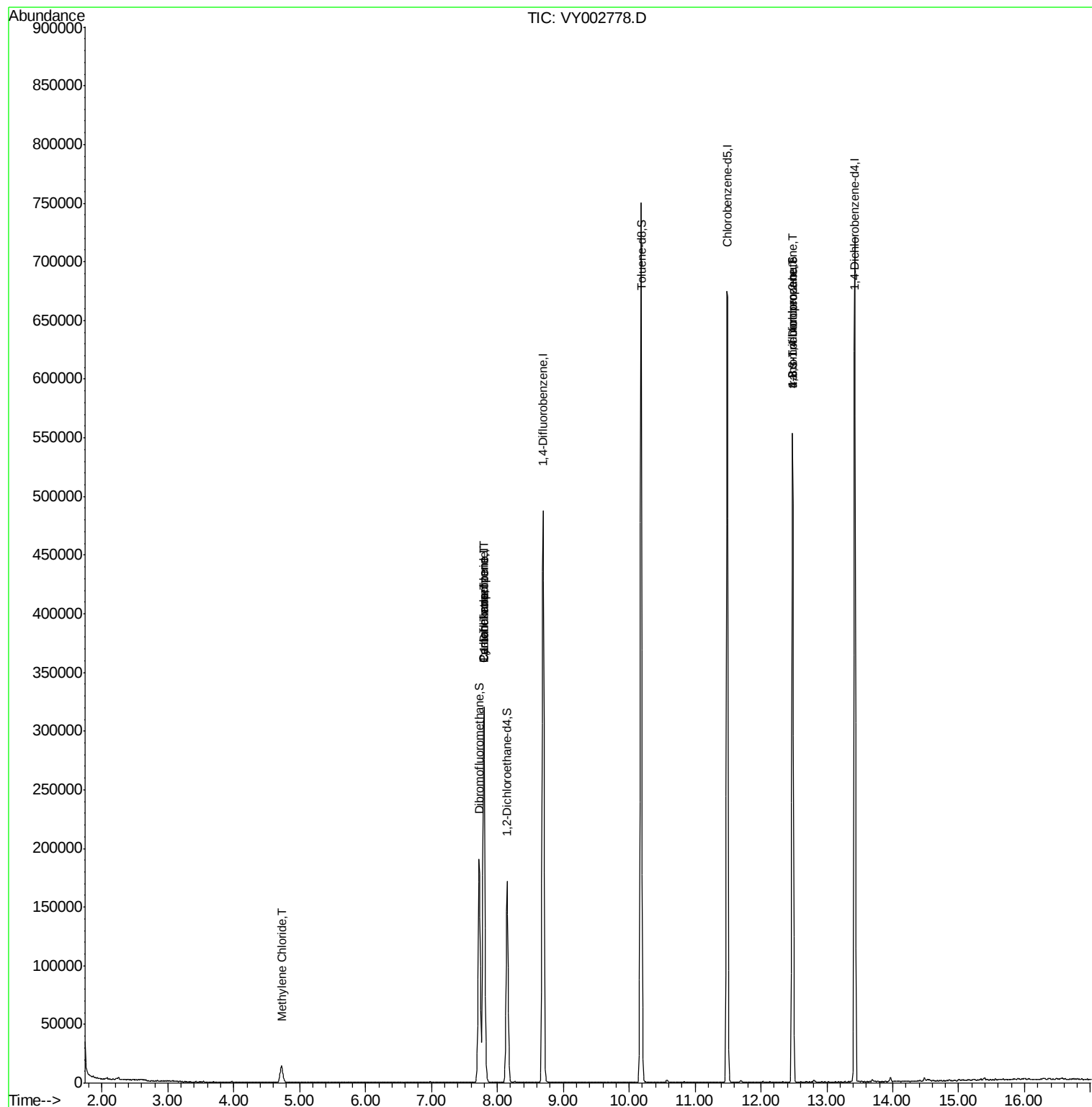
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	270369	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	437249	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	403508	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	193126	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	133803	57.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.00%	
35) Dibromofluoromethane	7.72	113	133480	52.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.18%	
50) Toluene-d8	10.18	98	513841	49.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.18%	
62) 4-Bromofluorobenzene	12.48	95	166902	47.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.28%	
Target Compounds						
					Qvalue	
18) Methyl Acetate	4.50	43	507	Below Cal	#	48
20) Methylene Chloride	4.72	84	10976	4.080	ug/l	98
31) Cyclohexane	7.79	56	4033	1.013	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	16531	4.488	ug/l #	48
38) Carbon Tetrachloride	7.80	117	23990	5.863	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	80004	45.974	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	80004	86.615	ug/l #	17

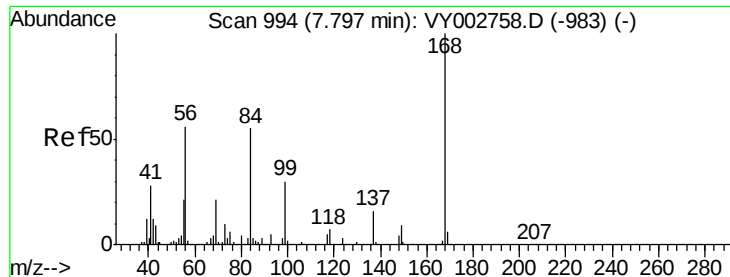
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY052720\
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Acq On : 27 May 2020 20:52
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 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: VY002778.D

Acq: 27 May 2020 20:52

Instrument :

MSVOA_Y

ClientSampleId :

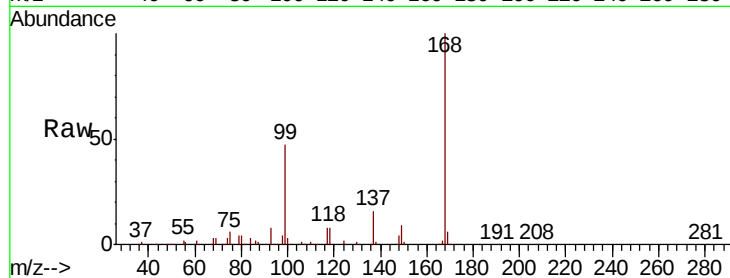
FOX-HILL-RD-2

Tot Ion:168 Resp: 270369

Ion Ratio Lower Upper

168 100

99 47.4 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002778.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002778.D (-945) (-)

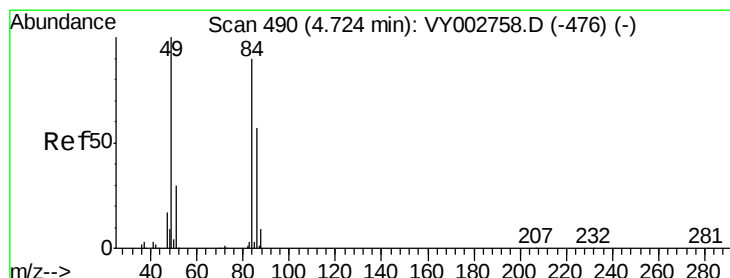
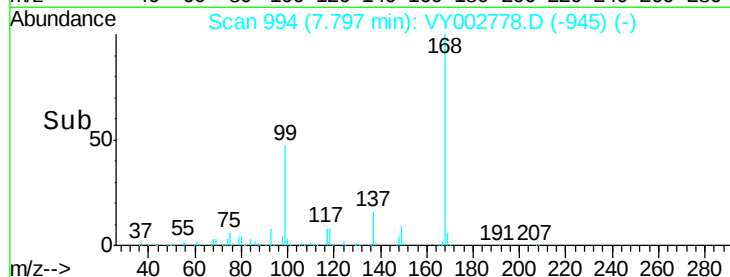
7.80

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 4.080 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY002778.D

Acq: 27 May 2020 20:52

Tgt Ion: 84 Resp: 10976

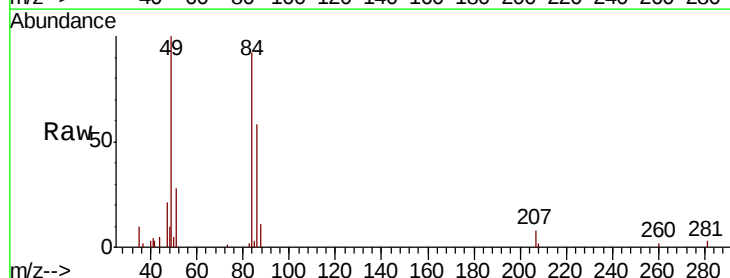
Ion Ratio Lower Upper

84 100

49 109.1 88.5 132.7

51 30.9 26.8 40.2

86 62.9 50.6 75.8



Abundance Ion 83.90 (83.60 to 84.60): VY002778.D (-441) (-)

Ion 48.90 (48.60 to 49.60): VY002778.D (-441) (-)

Ion 50.90 (50.60 to 51.60): VY002778.D (-441) (-)

Ion 85.90 (85.60 to 86.60): VY002778.D (-441) (-)

4.72

6000

5000

4000

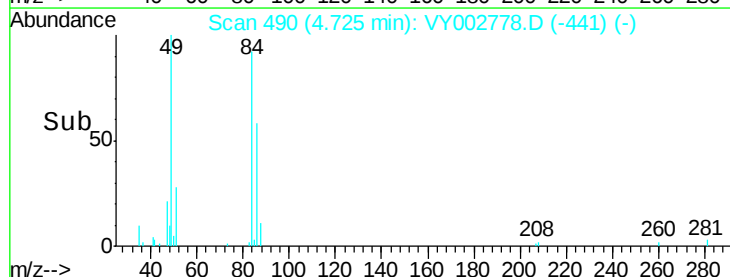
3000

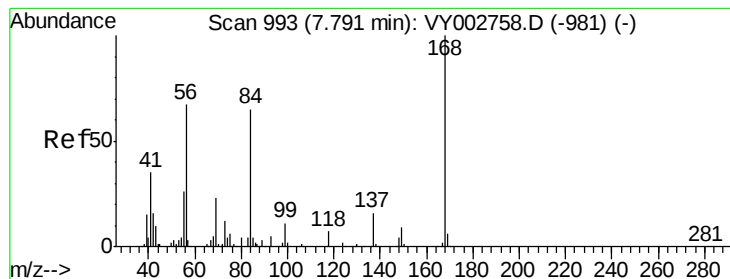
2000

1000

0

Time-->





#31

Cyclohexane

Concen: 1.013 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002778.D

Acq: 27 May 2020 20:52

Instrument :

MSVOA_Y

ClientSampleId :

FOX-HILL-RD-2

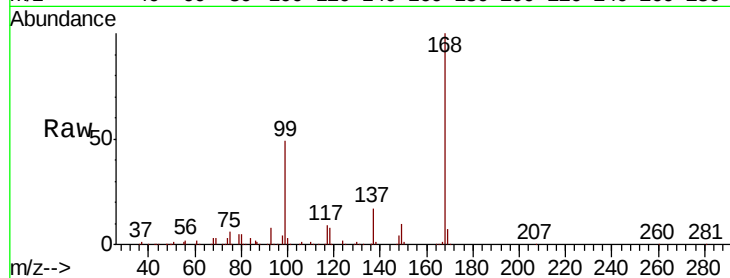
Tot Ion: 56 Resp: 4033

Ion Ratio Lower Upper

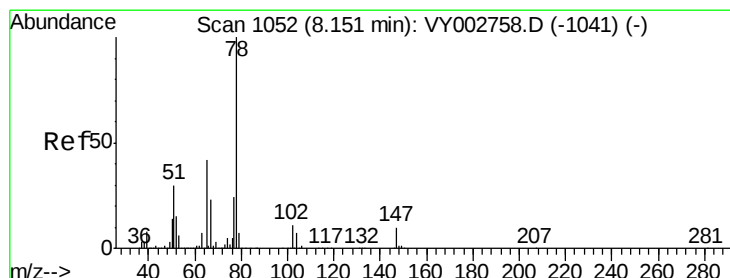
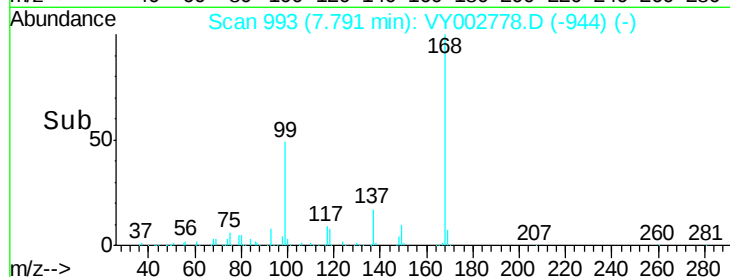
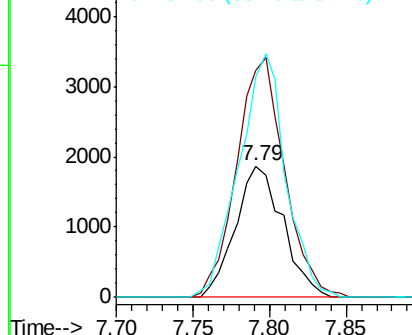
56 100

69 172.9 28.0 42.0#

84 168.2 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: 56.997 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY002778.D

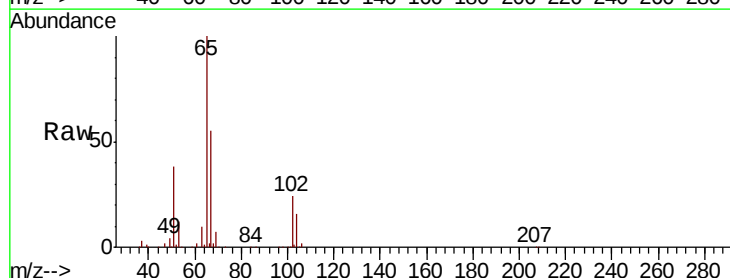
Acq: 27 May 2020 20:52

Tgt Ion: 65 Resp: 133803

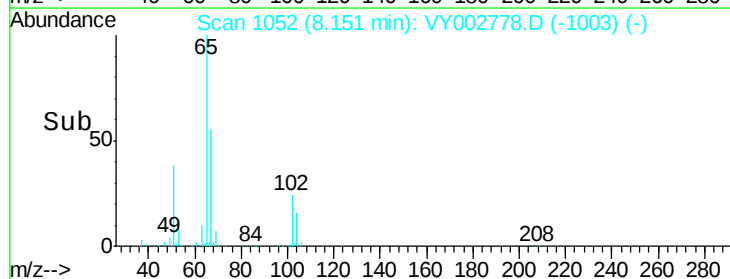
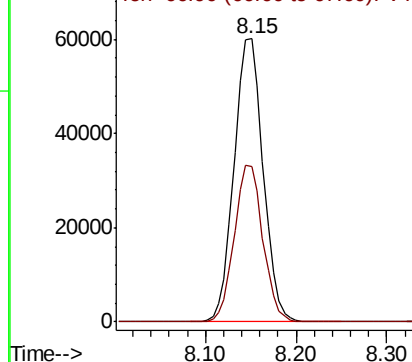
Ion Ratio Lower Upper

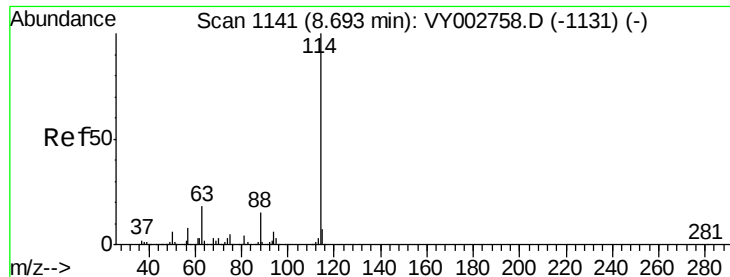
65 100

67 54.4 0.0 111.0



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

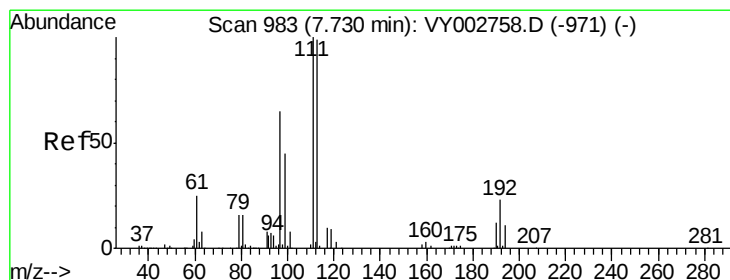
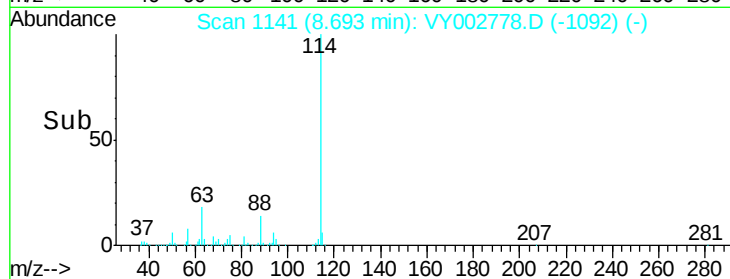
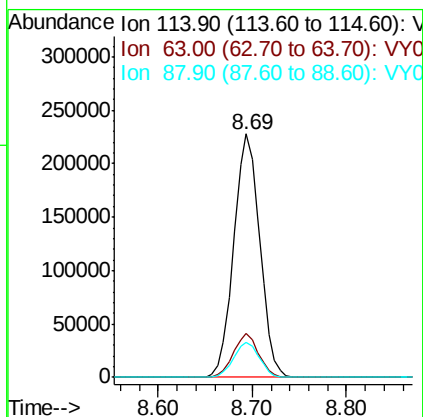
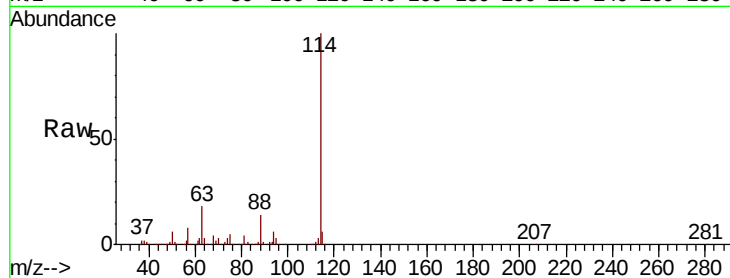




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002778.D
 Acq: 27 May 2020 20:52

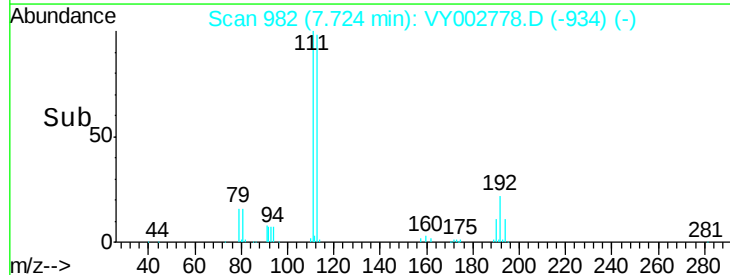
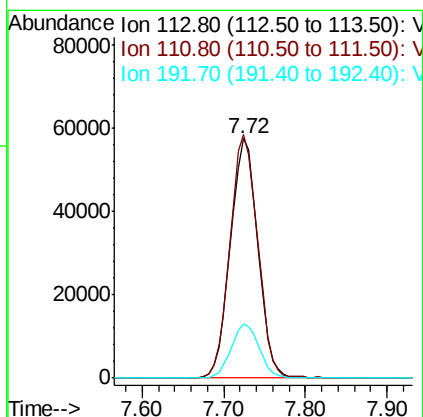
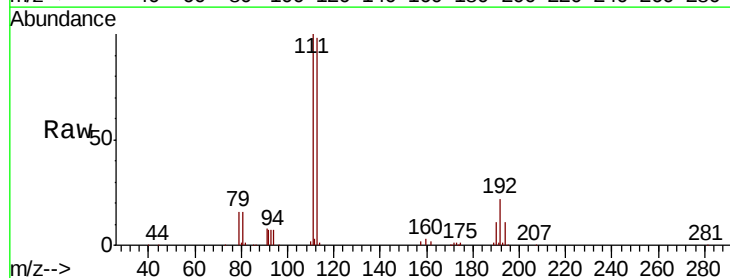
Instrument :
 MSVOA_Y
 ClientSampleId :
 FOX-HILL-RD-2

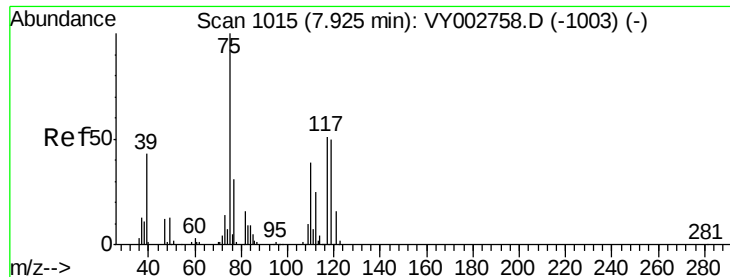
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	35.2
88	14.3	0.0	29.2



#35
 Dibromofluoromethane
 Concen: 52.090 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002778.D
 Acq: 27 May 2020 20:52

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.0	123.0
192	23.0	18.9	28.3





#36

1,1-Dichloropropene

Concen: 4.488 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY002778.D

Acq: 27 May 2020 20:52

Instrument :

MSVOA_Y

ClientSampleId :

FOX-HILL-RD-2

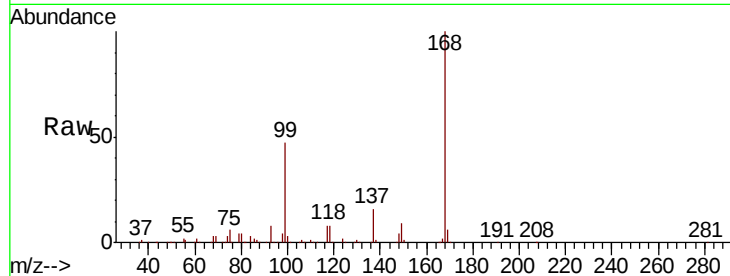
Tot Ion: 75 Resp: 16531

Ion Ratio Lower Upper

75 100

110 9.5 19.3 57.9#

77 0.0 24.8 37.2#

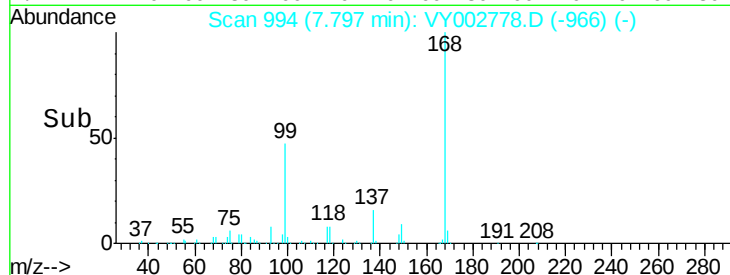


Abundance Ion 74.90 (74.60 to 75.60): VY002778.D (-966) (-)

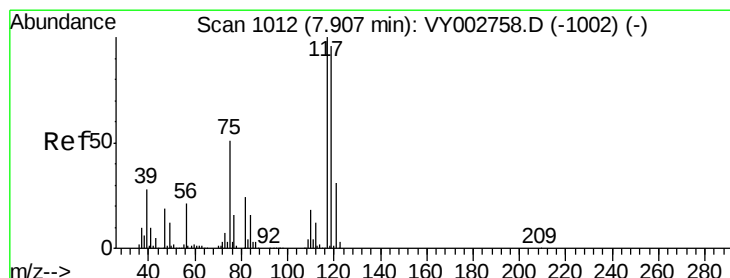
Ion 109.90 (109.60 to 110.60): VY002778.D (-966) (-)

Ion 76.90 (76.60 to 77.60): VY002778.D (-966) (-)

Time-->



Time-->



#38

Carbon Tetrachloride

Concen: 5.863 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY002778.D

Acq: 27 May 2020 20:52

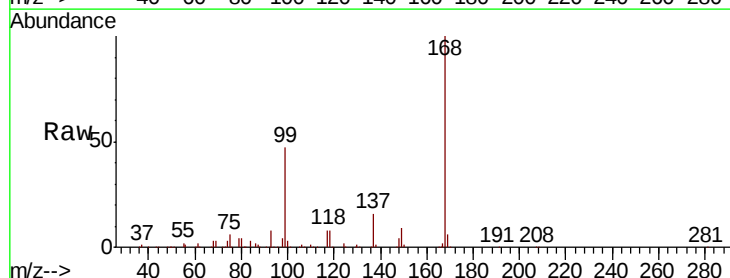
Tgt Ion: 117 Resp: 23990

Ion Ratio Lower Upper

117 100

119 5.2 76.8 115.2#

121 0.0 24.8 37.2#

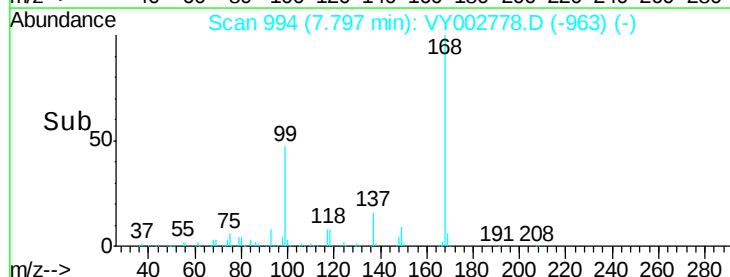


Abundance Ion 116.80 (116.50 to 117.50): VY002778.D (-963) (-)

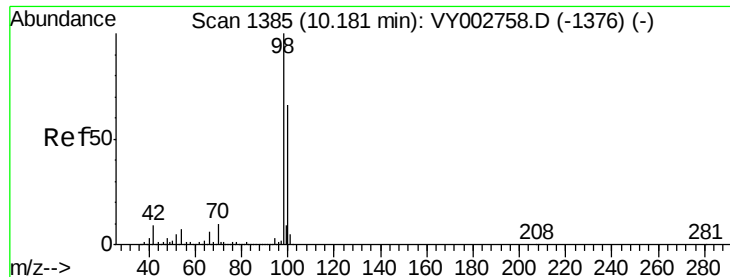
Ion 118.80 (118.50 to 119.50): VY002778.D (-963) (-)

Ion 120.80 (120.50 to 121.50): VY002778.D (-963) (-)

Time-->



Time-->



#50

Toluene-d8

Concen: 49.594 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002778.D

Acq: 27 May 2020 20:52

Instrument :

MSVOA_Y

ClientSampleId :

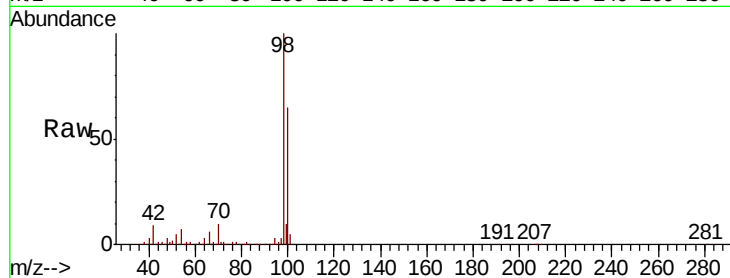
FOX-HILL-RD-2

Tot Ion: 98 Resp: 513841

Ion Ratio Lower Upper

98 100

100 64.3 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY002758.D (-1376) (-)

Ion 100.00 (99.70 to 100.70): VY002758.D (-1376) (-)

10.18

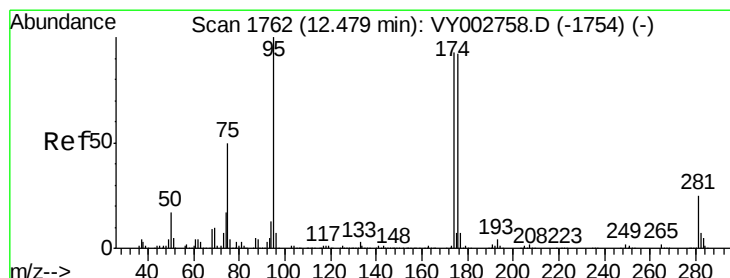
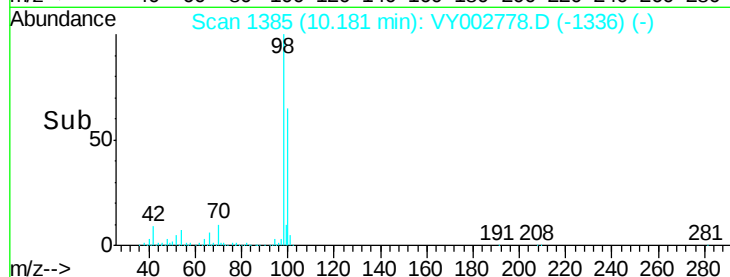
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.136 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002778.D

Acq: 27 May 2020 20:52

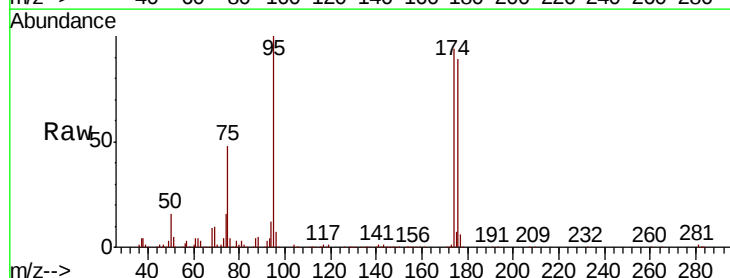
Tgt Ion: 95 Resp: 166902

Ion Ratio Lower Upper

95 100

174 95.2 0.0 191.2

176 92.6 0.0 188.8



Abundance Ion 94.90 (94.60 to 95.60): VY002758.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY002758.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY002758.D (-1754) (-)

12.48

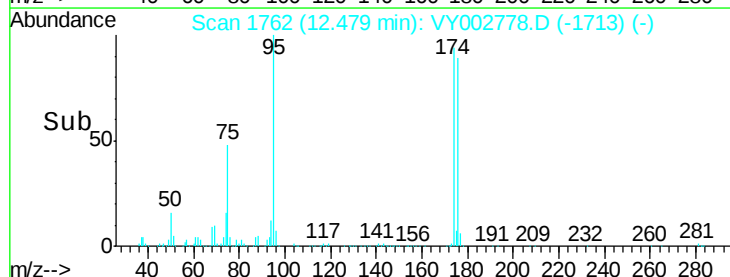
150000

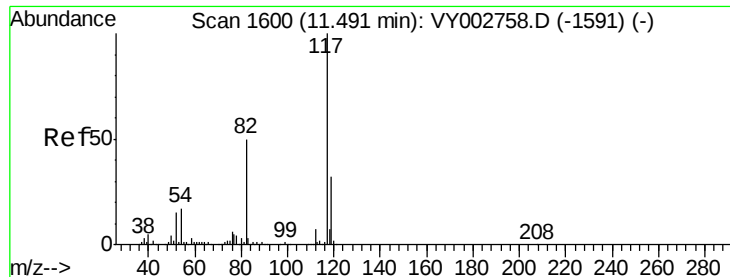
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50000

0

Time-->

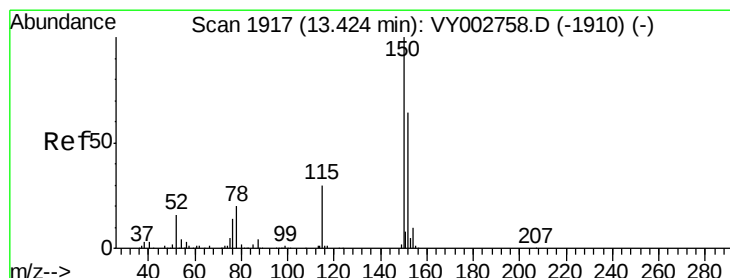
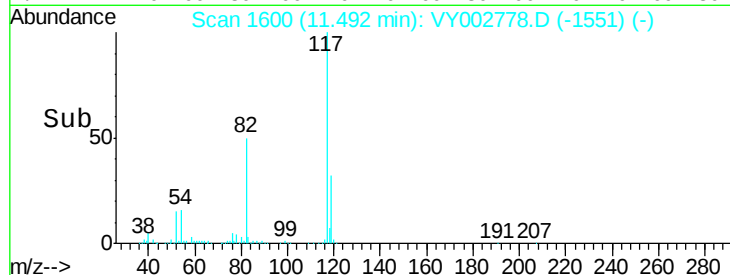
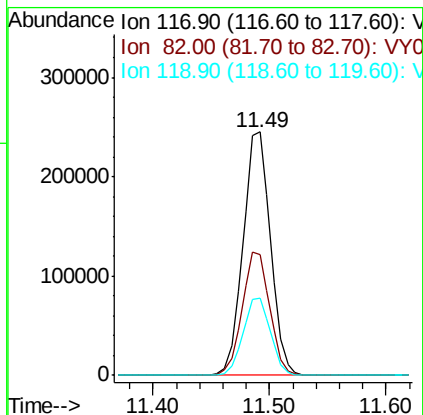
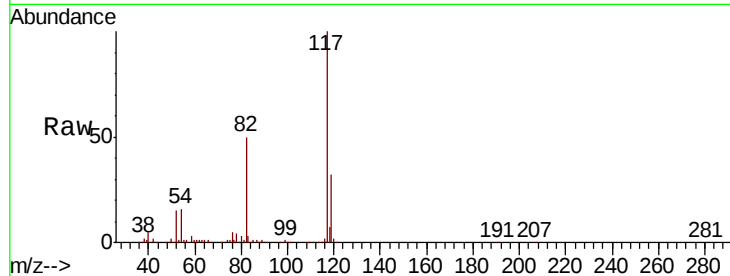




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002778.D
Acq: 27 May 2020 20:52

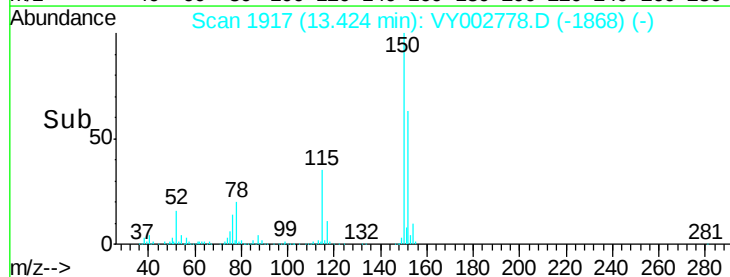
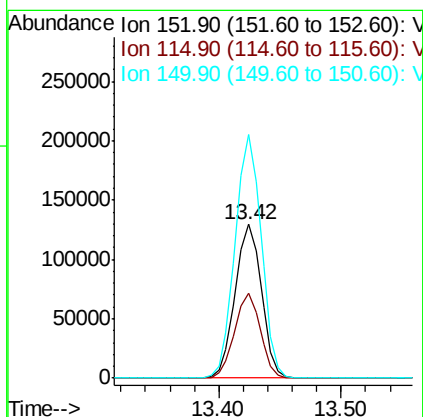
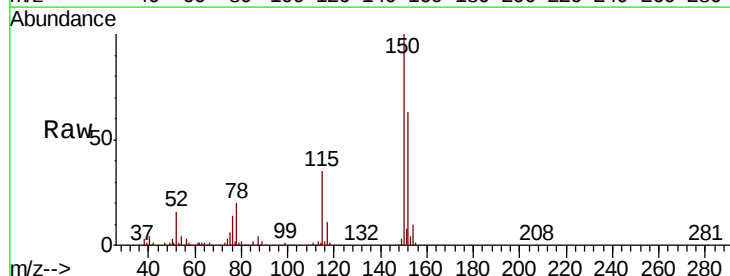
Instrument :
MSVOA_Y
ClientSampleId :
FOX-HILL-RD-2

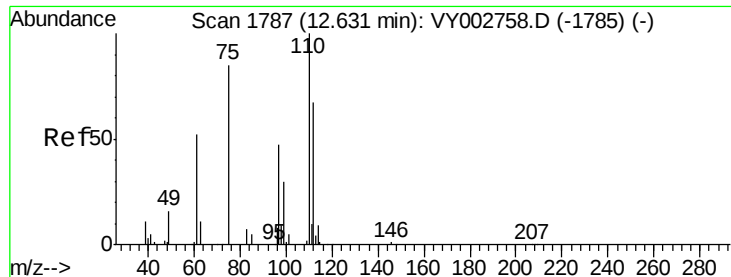
Tot Ion:117 Resp: 403508
Ion Ratio Lower Upper
117 100
82 49.8 40.2 60.4
119 31.8 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002778.D
Acq: 27 May 2020 20:52

Tgt Ion:152 Resp: 193126
Ion Ratio Lower Upper
152 100
115 53.6 27.0 81.0
150 157.1 0.0 344.8





#76

1,2,3-Trichloropropane

Concen: 45.974 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY002778.D

Acq: 27 May 2020 20:52

Instrument :

MSVOA_Y

ClientSampleId :

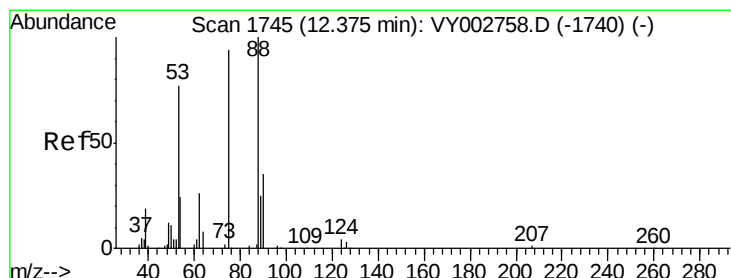
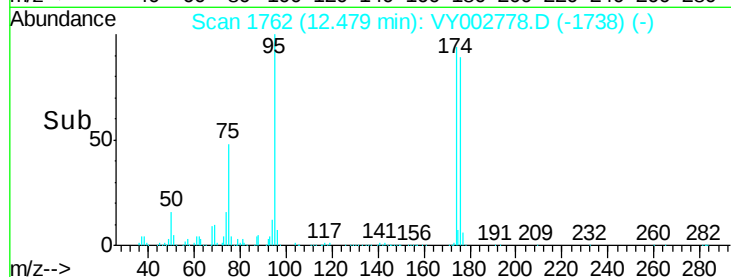
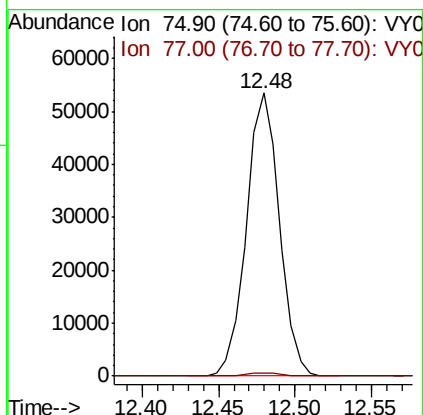
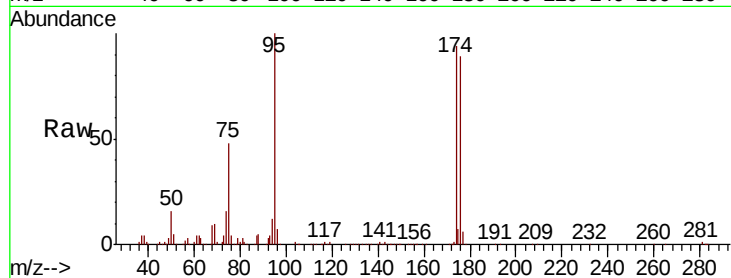
FOX-HILL-RD-2

Tot Ion: 75 Resp: 80004

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 86.615 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002778.D

Acq: 27 May 2020 20:52

Tgt Ion: 75 Resp: 80004

Ion Ratio Lower Upper

75 100

53 0.0 64.0 96.0#

89 0.0 37.4 56.2#

