

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY061920\
 Data File : VY002959.D
 Acq On : 19 Jun 2020 23:46
 Operator : SY/MD
 Sample : L3020-07
 Misc : 6.66G/5ML/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-25(19-21)

Quant Time: Jun 20 04:00:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 15:04:26 2020
 Response via : Initial Calibration

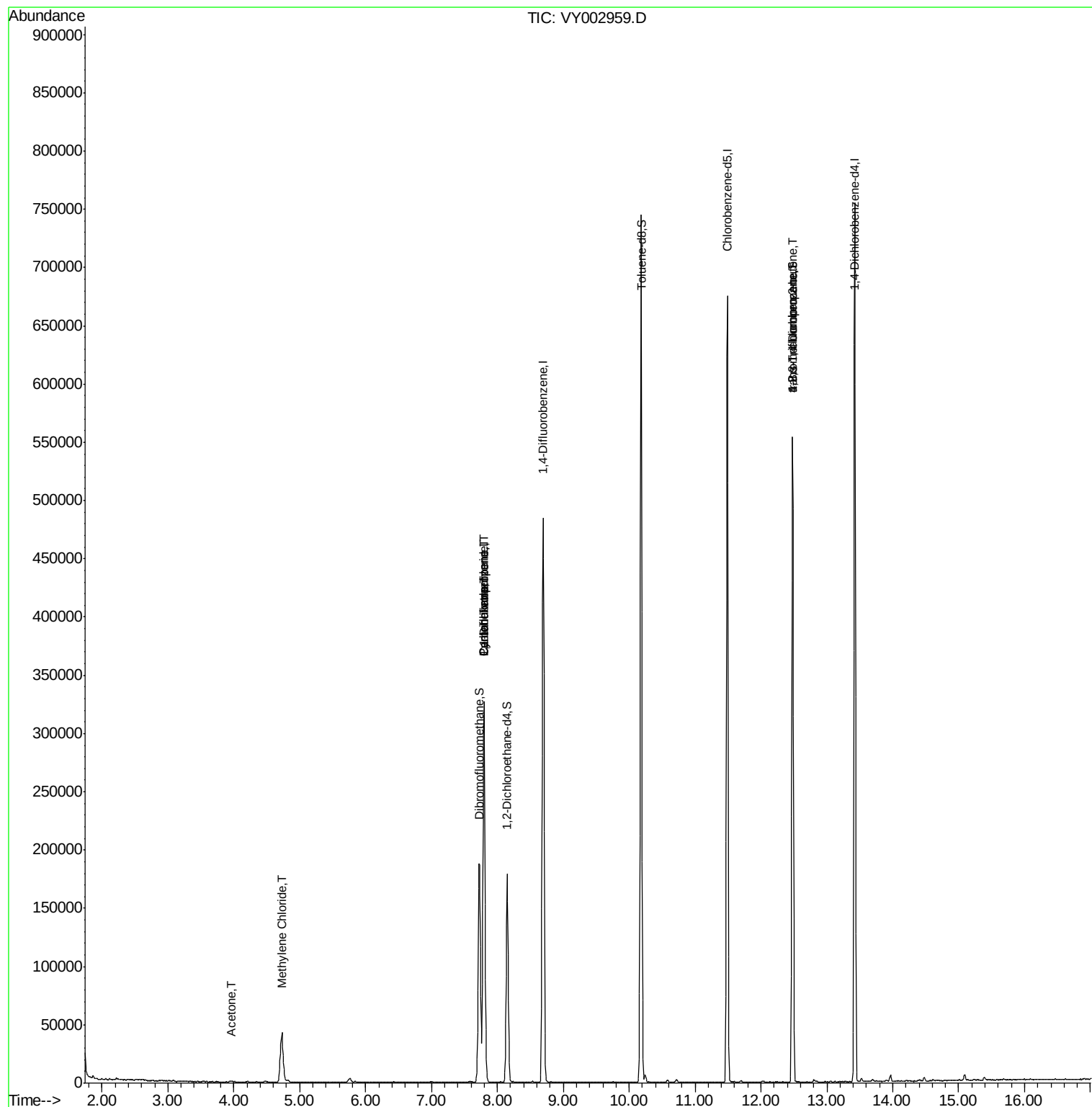
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	270387	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	444392	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	391969	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	201437	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	136056	60.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.84%	
35) Dibromofluoromethane	7.72	113	138750	55.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.36%	
50) Toluene-d8	10.18	98	508657	51.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.60%	
62) 4-Bromofluorobenzene	12.48	95	167237	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
Target Compounds						
16) Acetone	3.96	43	1847	3.339	ug/l	98
18) Methyl Acetate	4.50	43	860	Below Cal	#	77
20) Methylene Chloride	4.73	84	34460	7.175	ug/l	95
31) Cyclohexane	7.80	56	3913	1.020	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	16653	4.614	ug/l #	49
38) Carbon Tetrachloride	7.80	117	24058	6.049	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	79274	45.188	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	79274	86.273	ug/l #	16

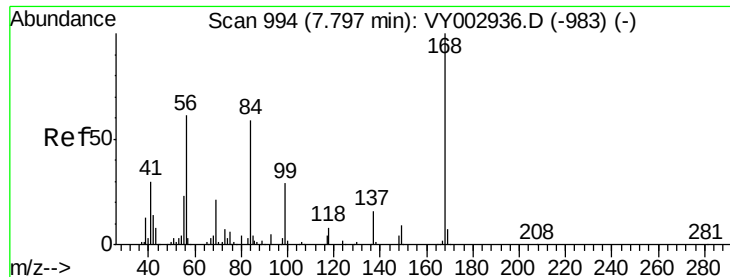
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002959.D

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MSVOA_Y

ClientSampleId :

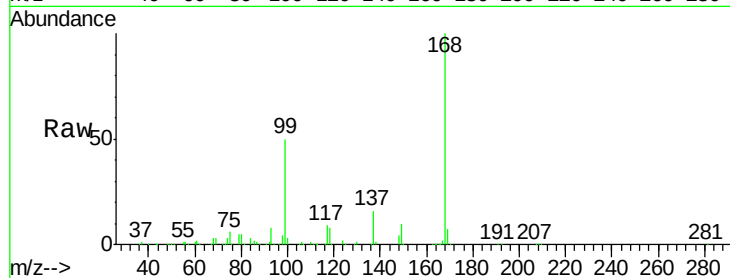
MW-25(19-21)

Tgt Ion:168 Resp: 270387

Ion Ratio Lower Upper

168 100

99 50.5 39.5 59.3



Abundance Ion 167.90 (167.60 to 168.60): VY002936.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002936.D (-983) (-)

7.80

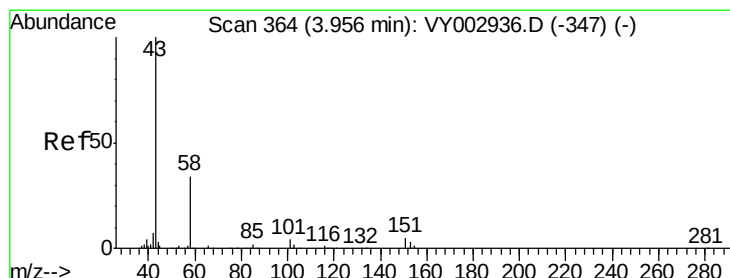
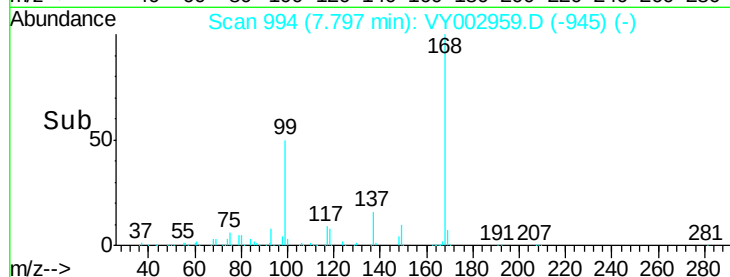
100000

50000

0

7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 3.339 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY002959.D

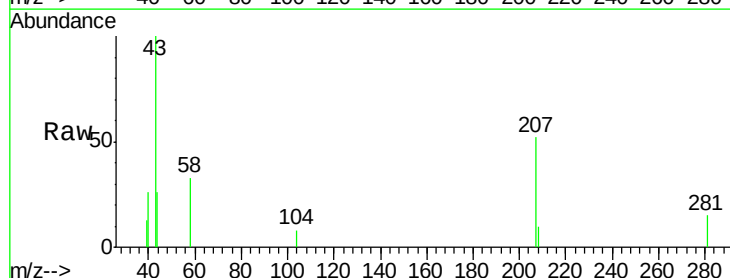
Acq: 19 Jun 2020 23:46

Tgt Ion: 43 Resp: 1847

Ion Ratio Lower Upper

43 100

58 32.9 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VY002936.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002936.D (-347) (-)

3.96

800

600

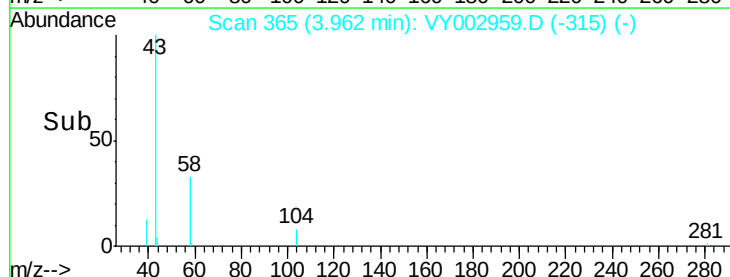
400

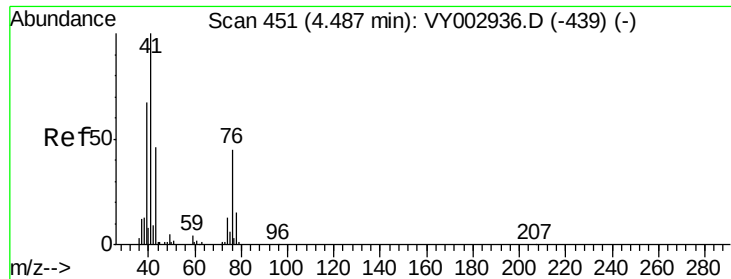
200

0

3.90 3.95 4.00 4.05

Time-->

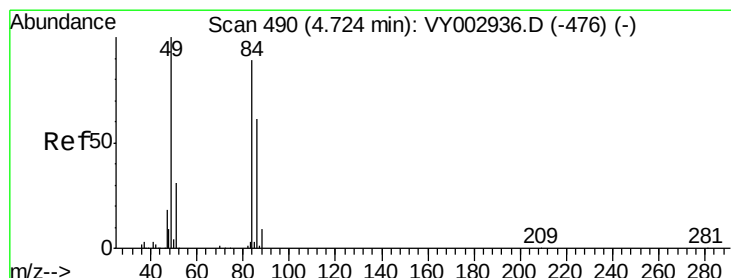
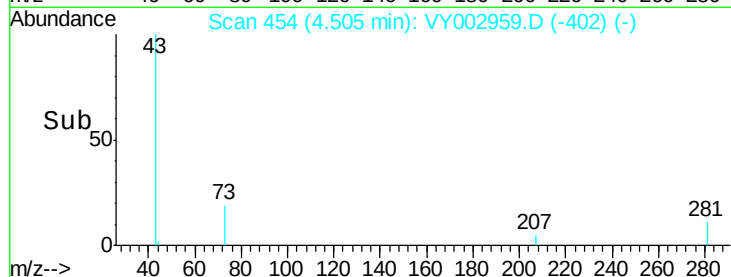
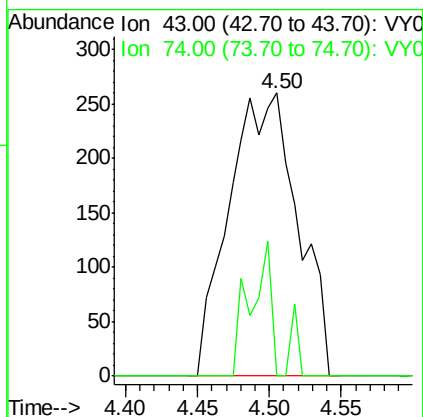
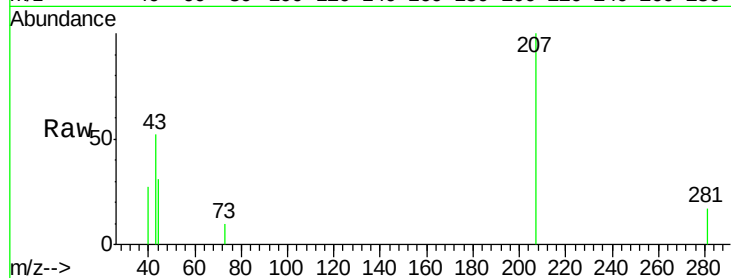




#18
Methyl Acetate
Concen: Below Cal
RT: 4.50 min Scan# 454
Delta R.T. 0.02 min
Lab File: VY002959.D
Acq: 19 Jun 2020 23:46

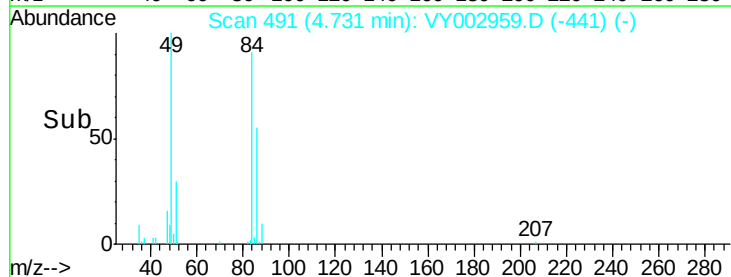
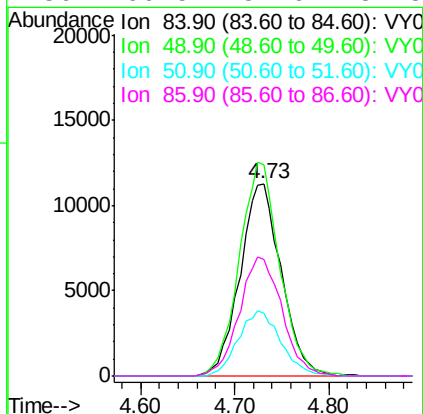
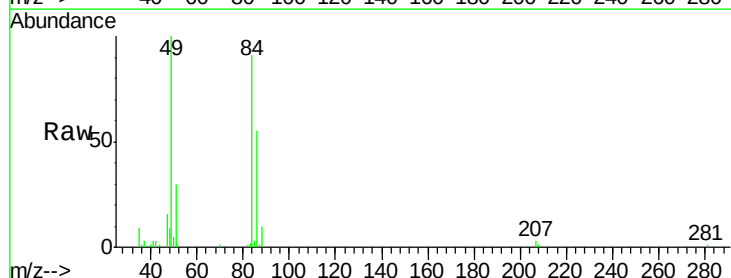
Instrument :
MSVOA_Y
ClientSampleId :
MW-25(19-21)

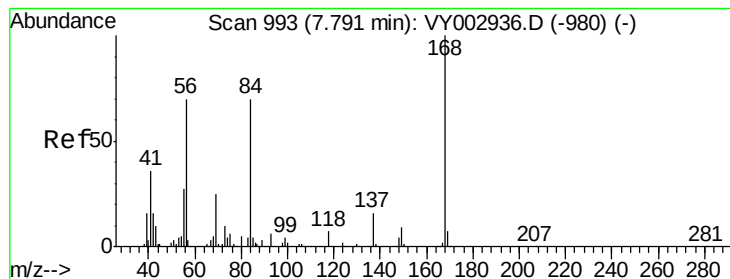
Tgt Ion: 43 Resp: 860
Ion Ratio Lower Upper
43 100
74 14.5 21.1 31.7#



#20
Methylene Chloride
Concen: 7.175 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY002959.D
Acq: 19 Jun 2020 23:46

Tgt Ion: 84 Resp: 34460
Ion Ratio Lower Upper
84 100
49 110.1 90.0 135.0
51 32.8 27.9 41.9
86 60.5 54.6 81.8





#31

Cyclohexane

Concen: 1.020 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY002959.D

Acq: 19 Jun 2020 23:46

Instrument :

MSVOA_Y

ClientSampleId :

MW-25(19-21)

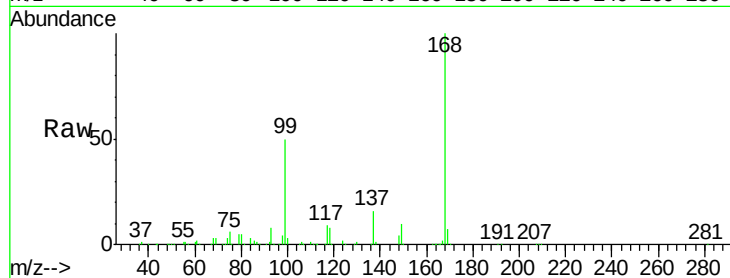
Tgt Ion: 56 Resp: 3913

Ion Ratio Lower Upper

56 100

69 177.6 28.9 43.3#

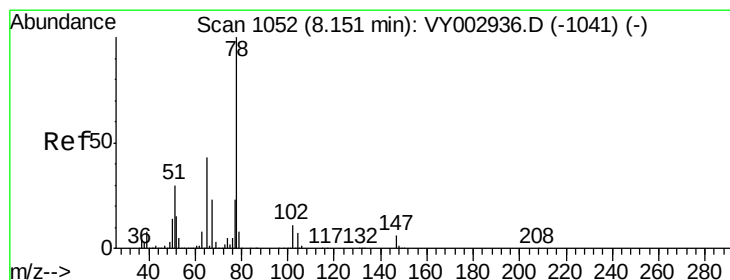
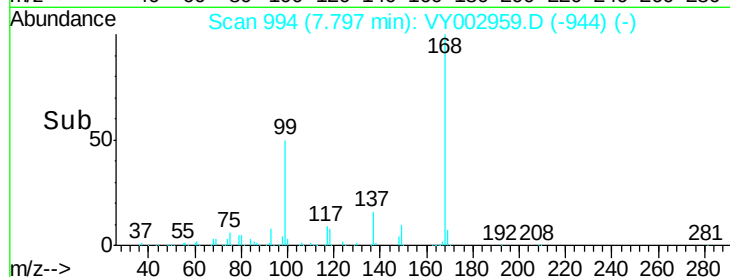
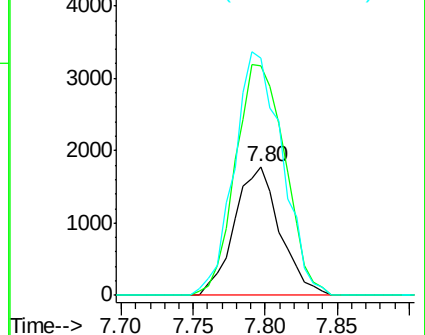
84 184.0 80.1 120.1#



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: 60.920 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY002959.D

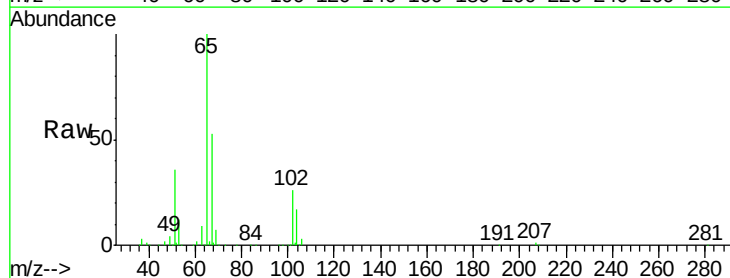
Acq: 19 Jun 2020 23:46

Tgt Ion: 65 Resp: 136056

Ion Ratio Lower Upper

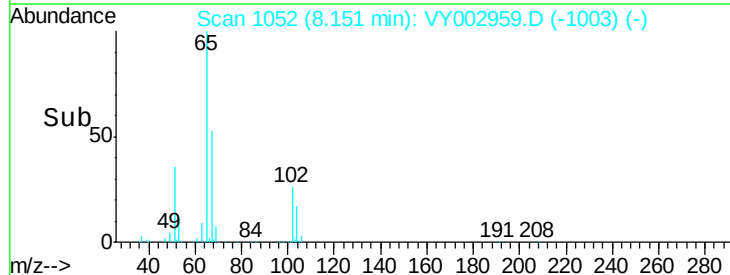
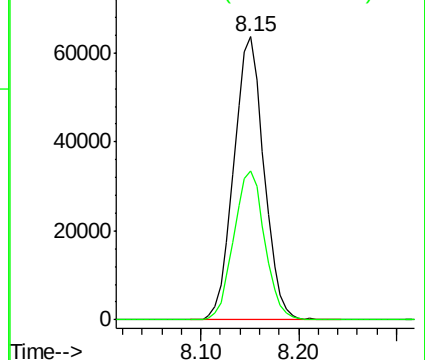
65 100

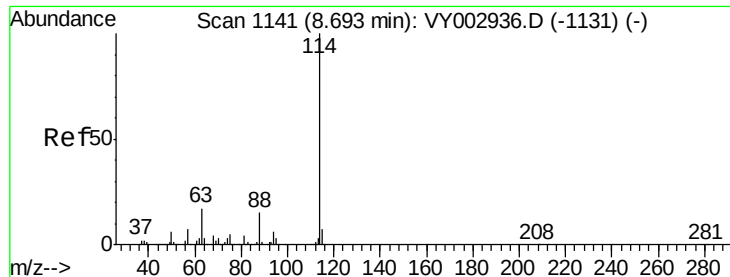
67 53.9 0.0 109.4



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: VY002959.D

Acq: 19 Jun 2020 23:46

Instrument :

MSVOA_Y

ClientSampleId :

MW-25(19-21)

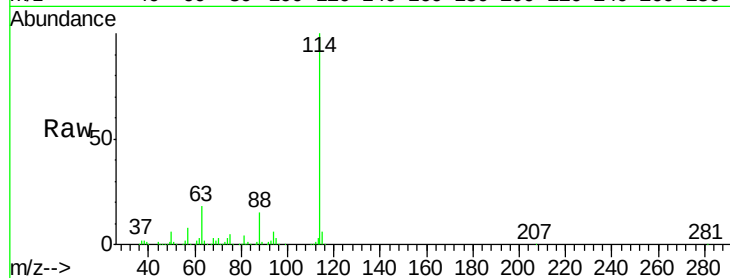
Tgt Ion:114 Resp: 444392

Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.6

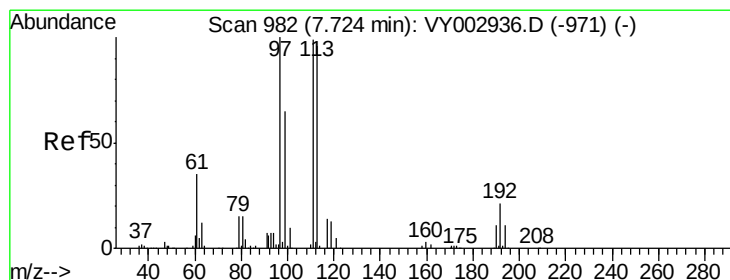
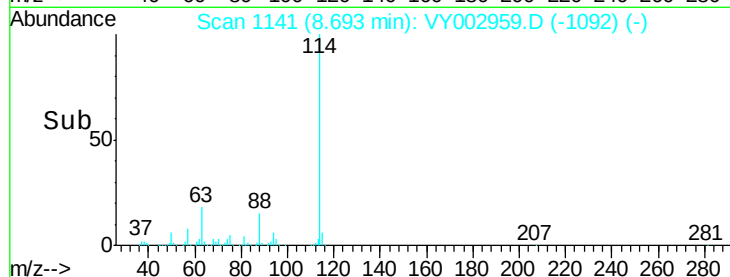
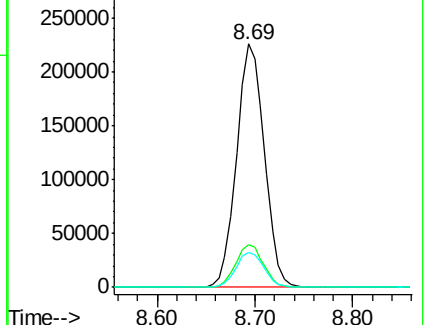
88 14.6 0.0 29.2



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: 55.181 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY002959.D

Acq: 19 Jun 2020 23:46

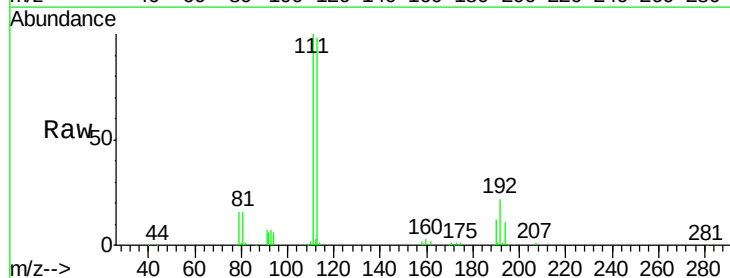
Tgt Ion:113 Resp: 138750

Ion Ratio Lower Upper

113 100

111 101.5 81.5 122.3

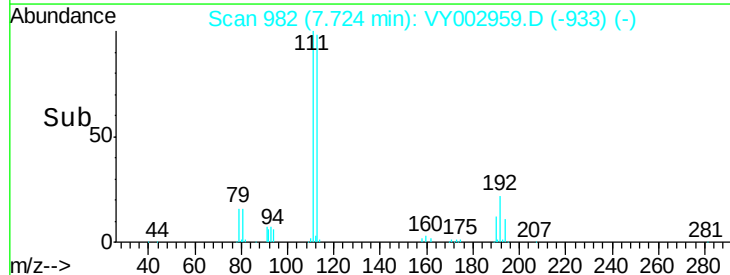
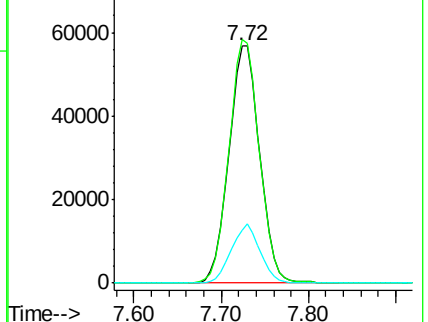
192 23.2 19.2 28.8

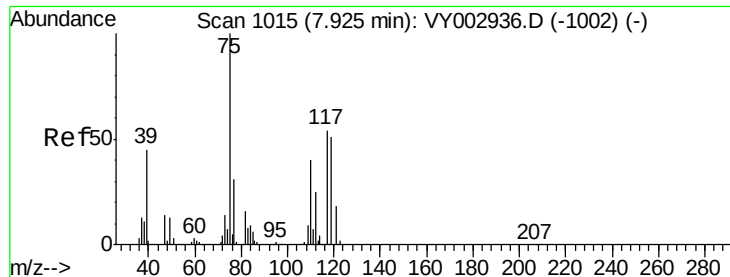


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

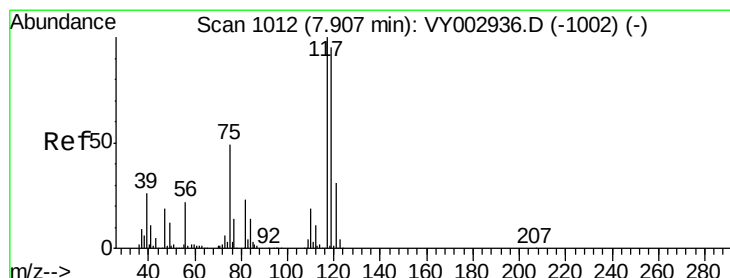
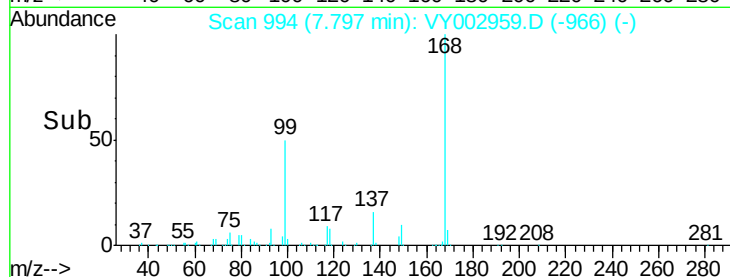
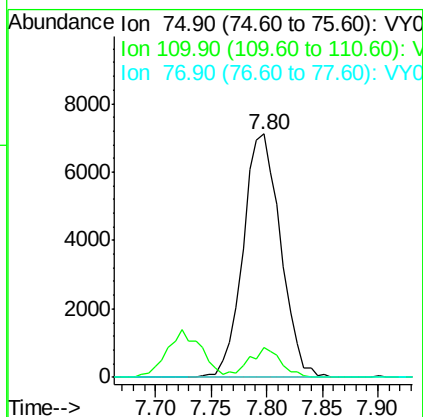
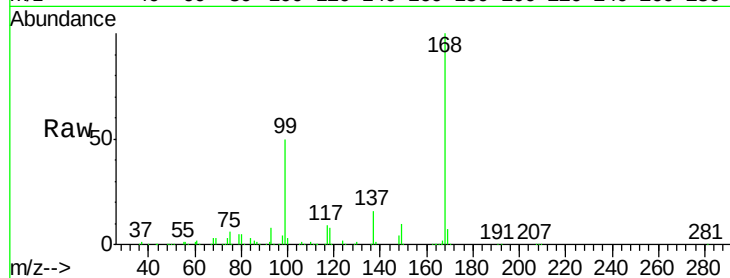




#36
 1,1-Dichloropropene
 Concen: 4.614 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY002959.D
 Acq: 19 Jun 2020 23:46

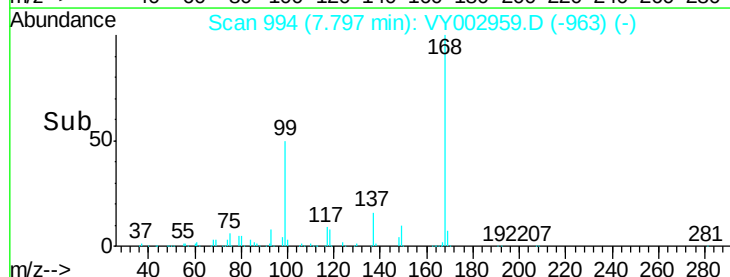
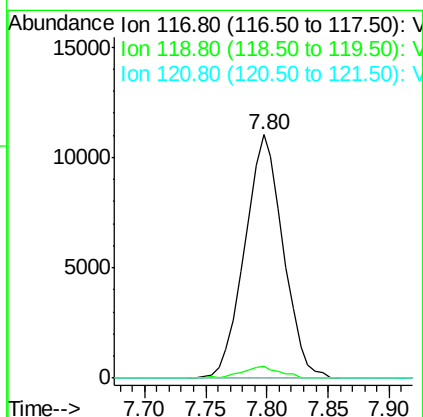
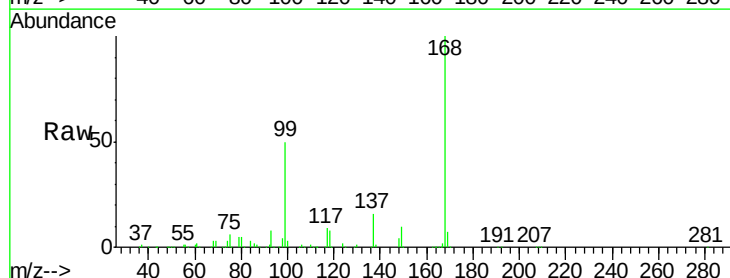
Instrument :
 MSVOA_Y
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 MW-25(19-21)

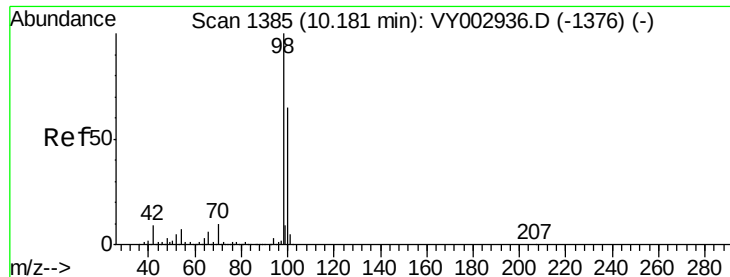
Tgt Ion: 75 Resp: 16653
 Ion Ratio Lower Upper
 75 100
 110 10.6 19.7 59.0#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.049 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.11 min
 Lab File: VY002959.D
 Acq: 19 Jun 2020 23:46

Tgt Ion: 117 Resp: 24058
 Ion Ratio Lower Upper
 117 100
 119 5.0 76.1 114.1#
 121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 51.305 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002959.D

Acq: 19 Jun 2020 23:46

Instrument :

MSVOA_Y

ClientSampleId :

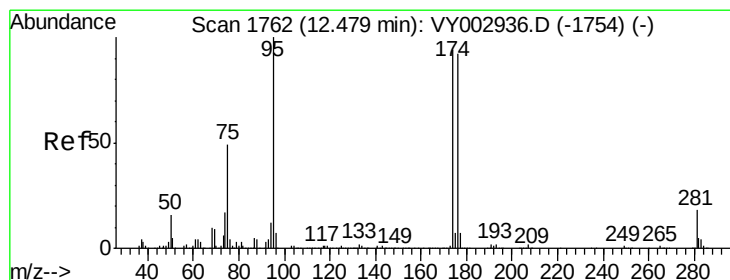
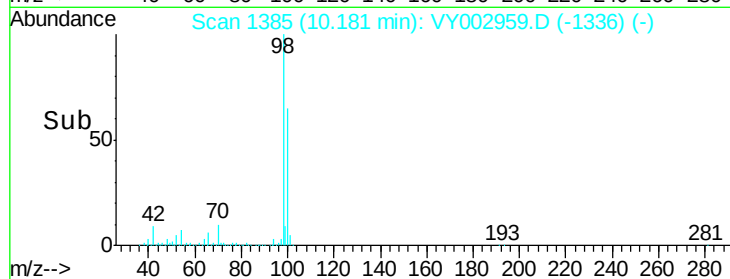
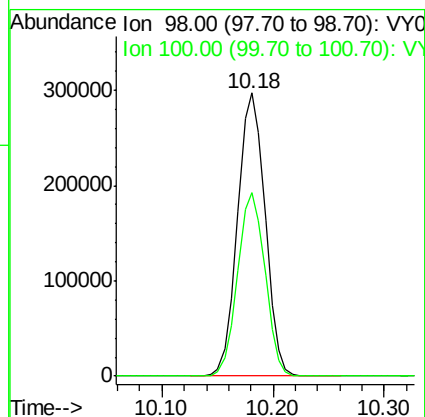
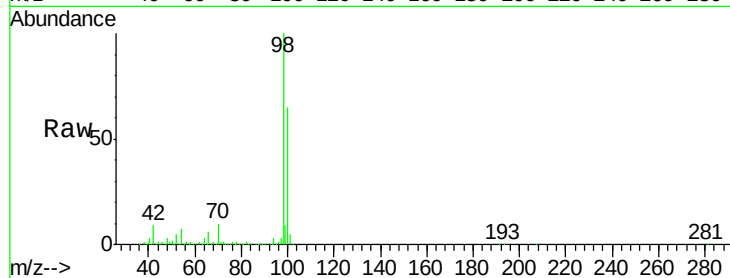
MW-25(19-21)

Tgt Ion: 98 Resp: 508657

Ion Ratio Lower Upper

98 100

100 64.6 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 48.628 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002959.D

Acq: 19 Jun 2020 23:46

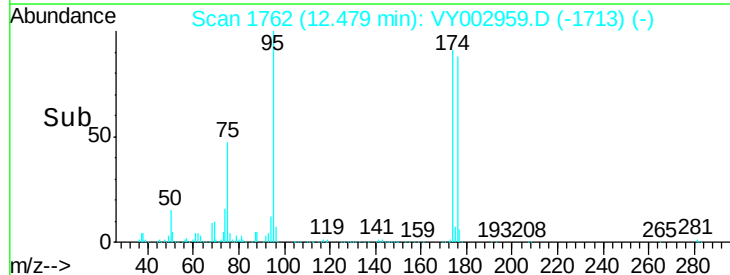
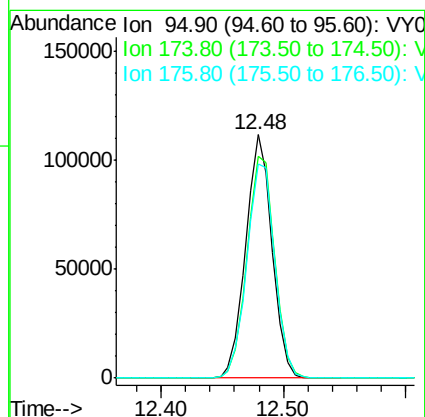
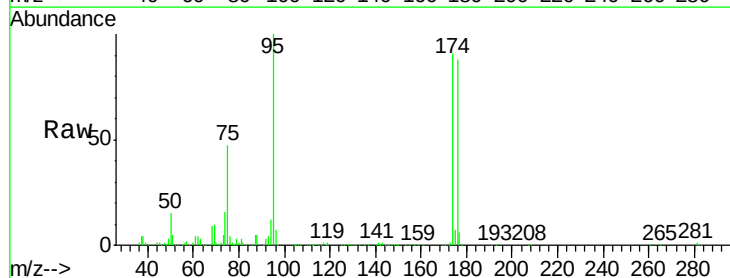
Tgt Ion: 95 Resp: 167237

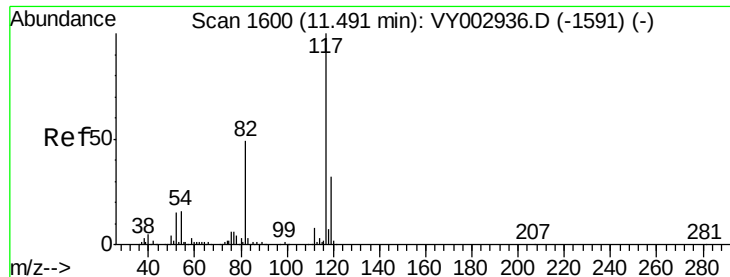
Ion Ratio Lower Upper

95 100

174 96.4 0.0 191.2

176 93.7 0.0 186.0

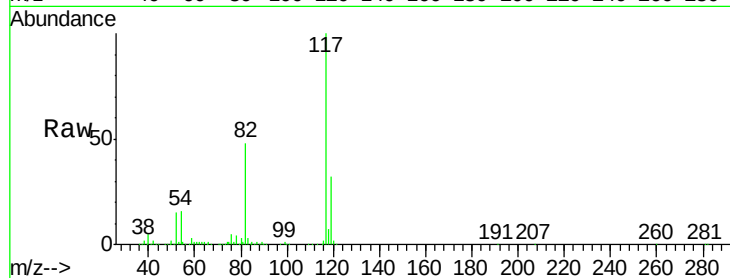




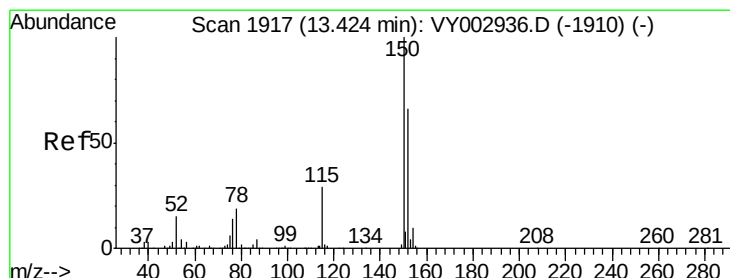
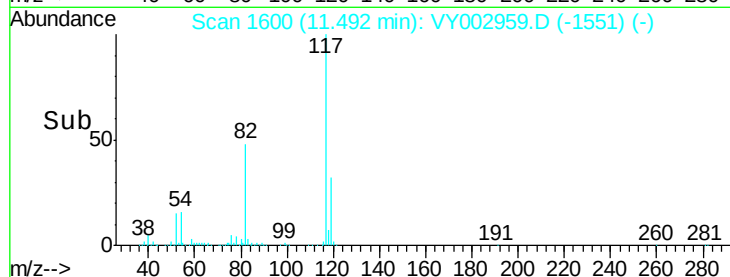
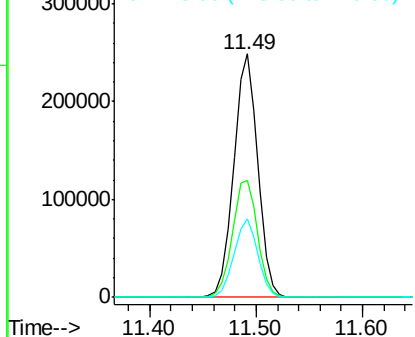
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002959.D
Acq: 19 Jun 2020 23:46

Instrument :
MSVOA_Y
ClientSampleId :
MW-25(19-21)

Tgt Ion:117 Resp: 391969
Ion Ratio Lower Upper
117 100
82 48.2 39.4 59.0
119 32.0 25.4 38.0

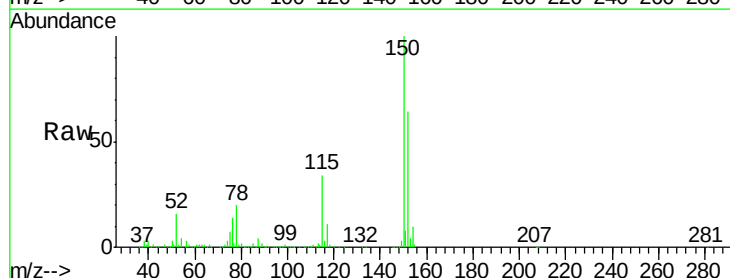


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

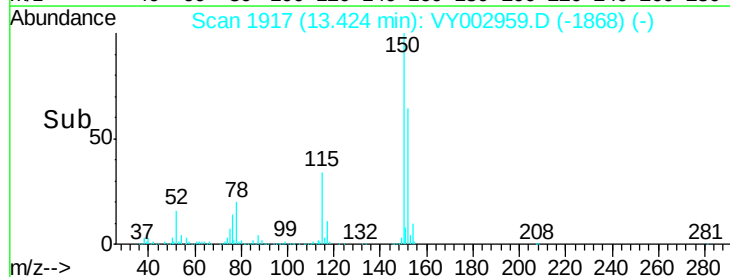
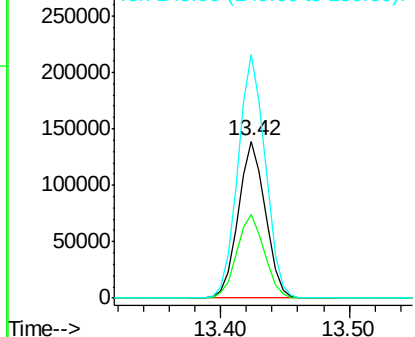


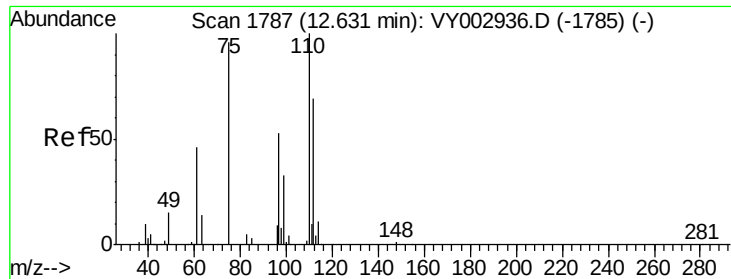
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002959.D
Acq: 19 Jun 2020 23:46

Tgt Ion:152 Resp: 201437
Ion Ratio Lower Upper
152 100
115 54.1 26.9 80.6
150 157.1 0.0 341.8



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

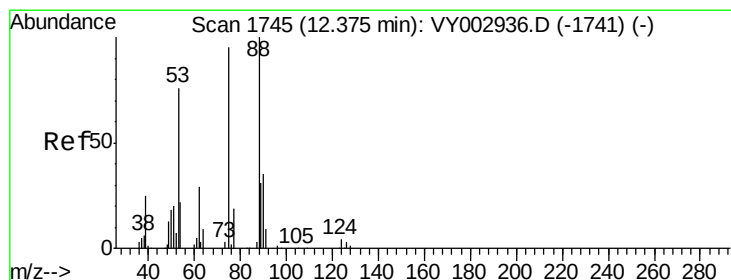
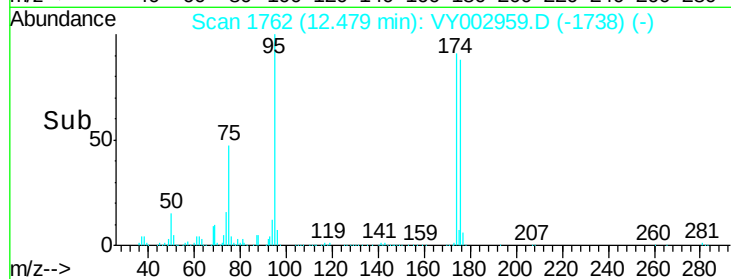
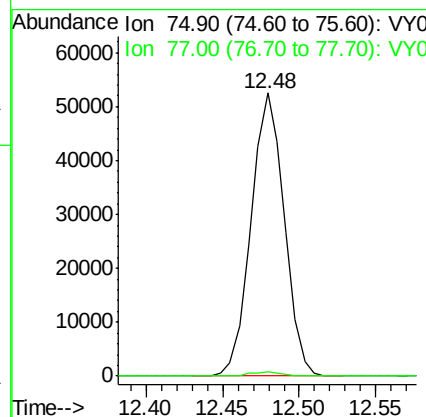
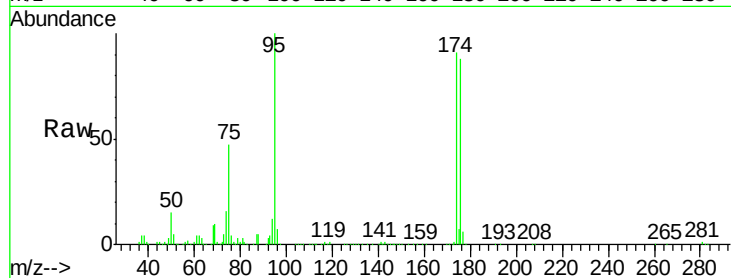




#76
 1,2,3-Trichloropropane
 Concen: 45.188 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.15 min
 Lab File: VY002959.D
 Acq: 19 Jun 2020 23:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-25(19-21)

Tgt Ion: 75 Resp: 79274
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.273 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.10 min
 Lab File: VY002959.D
 Acq: 19 Jun 2020 23:46

Tgt Ion: 75 Resp: 79274
 Ion Ratio Lower Upper
 75 100
 53 0.0 65.1 97.7#
 89 0.0 38.4 57.6#

