

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061820\
 Data File : VY002921.D
 Acq On : 18 Jun 2020 16:00
 Operator : SY/MD
 Sample : L3037-01
 Misc : 7.38G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 19 05:05:34 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

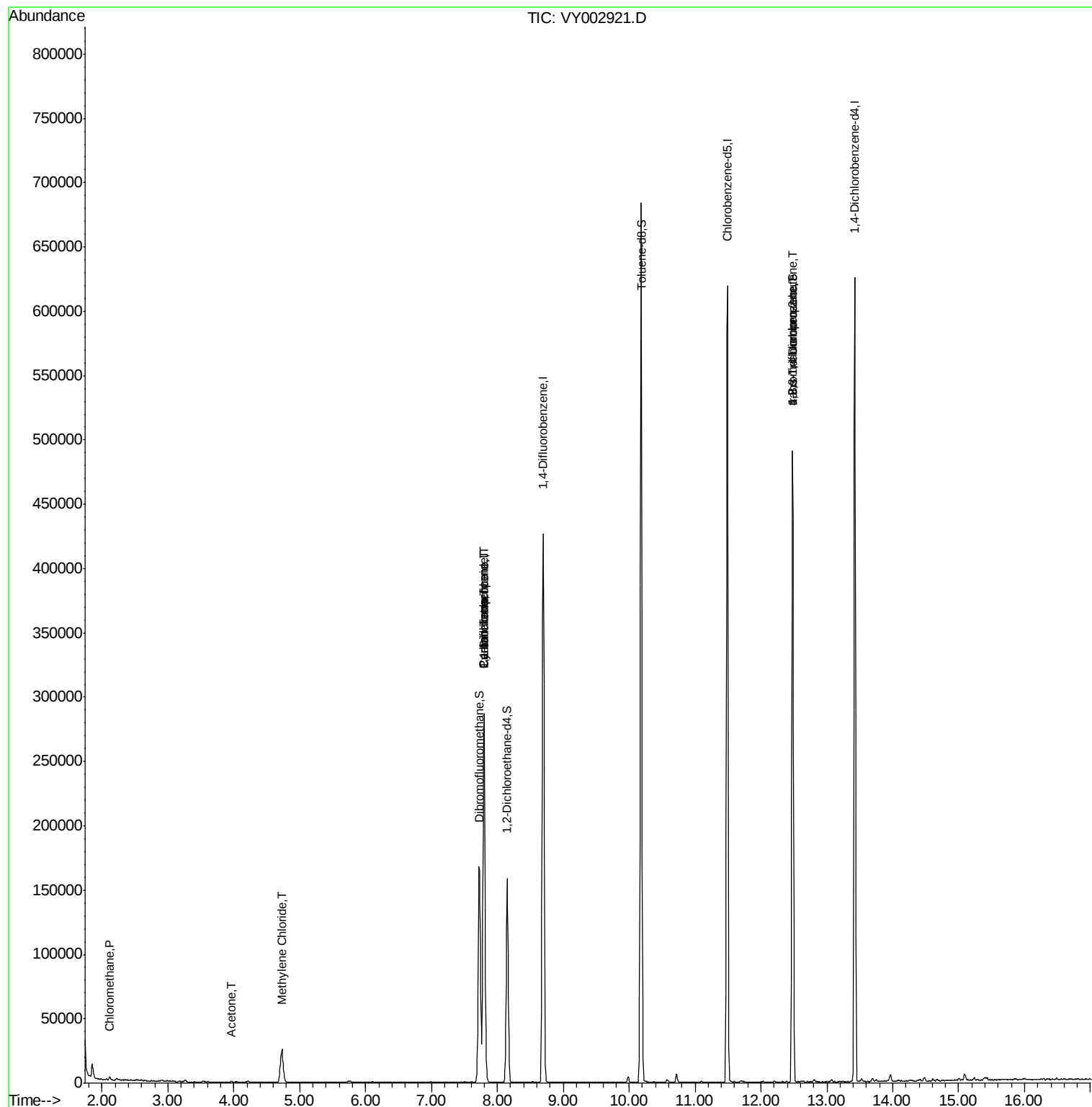
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	240009	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	393480	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	363280	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	166110	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	121976	58.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.06%	
35) Dibromofluoromethane	7.72	113	121891	52.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.72%	
50) Toluene-d8	10.18	98	461580	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	
62) 4-Bromofluorobenzene	12.48	95	148504	46.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.22%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.12	50	2166	1.186	ug/l	99
16) Acetone	3.97	43	891	1.823	ug/l	96
18) Methyl Acetate	4.50	43	511	Below Cal	#	64
20) Methylene Chloride	4.73	84	20587	8.621	ug/l	91
31) Cyclohexane	7.80	56	3614	1.023	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	14515	4.379	ug/l #	49
38) Carbon Tetrachloride	7.80	117	21645	5.878	ug/l #	15
76) 1,2,3-Trichloropropane	12.48	75	71617	47.848	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	71617	90.145	ug/l #	17

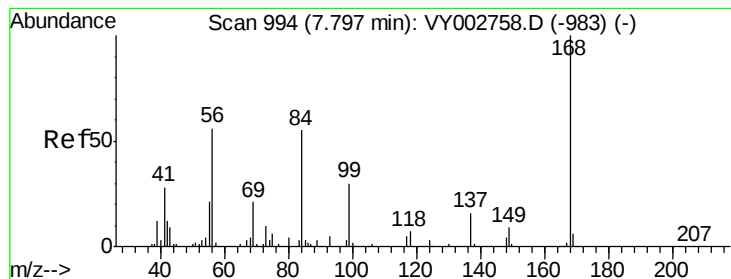
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002921.D

Acq: 18 Jun 2020 16:00

Instrument :

MSVOA_Y

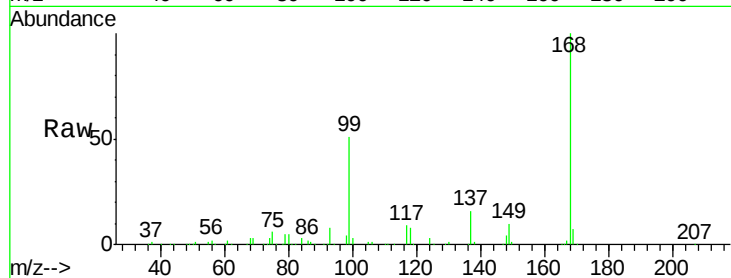
ClientSampleId :

Tot Ion:168 Resp: 240009

Ion Ratio Lower Upper

168 100

99 50.5 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002758.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002758.D (-983) (-)

7.80

120000

100000

80000

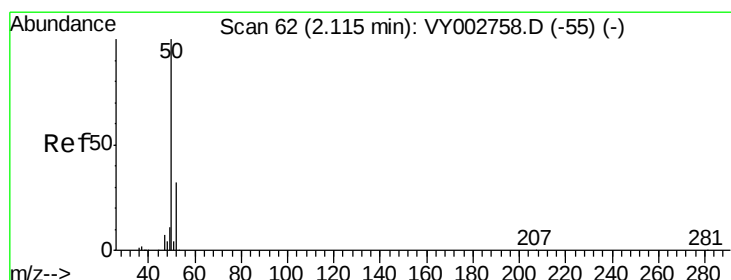
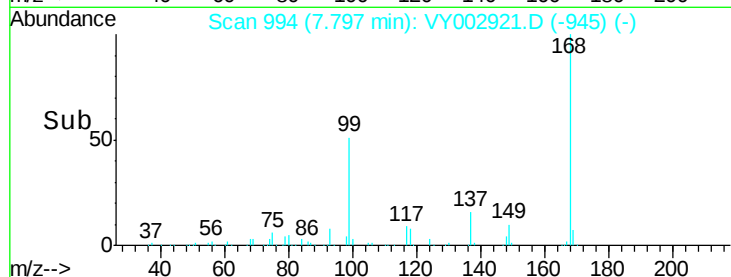
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 1.186 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002921.D

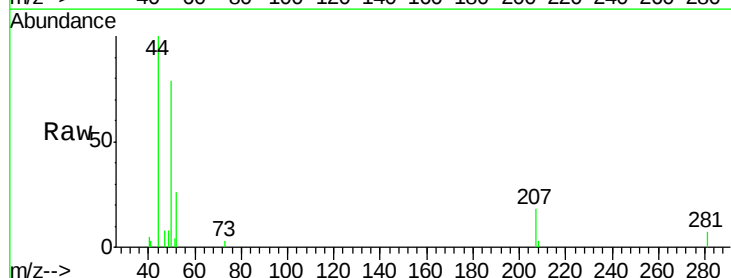
Acq: 18 Jun 2020 16:00

Tgt Ion: 50 Resp: 2166

Ion Ratio Lower Upper

50 100

52 32.7 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY002758.D (-55) (-)

Ion 51.90 (51.60 to 52.60): VY002758.D (-55) (-)

2.12

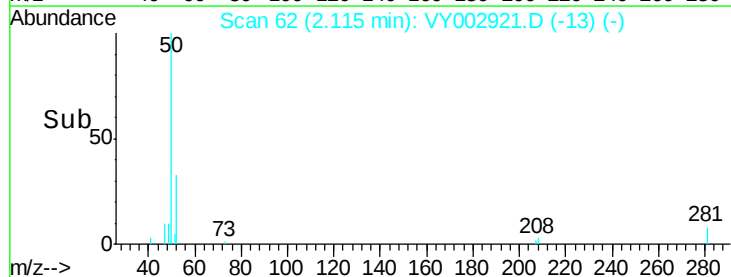
1500

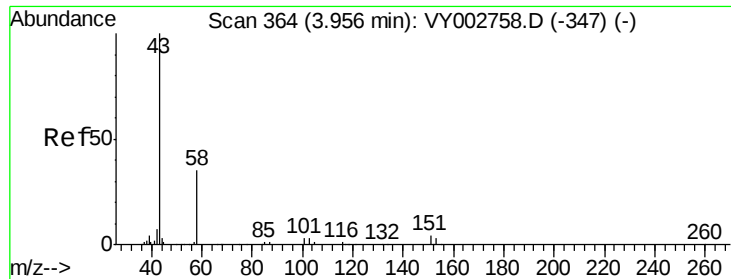
1000

500

0

Time-->

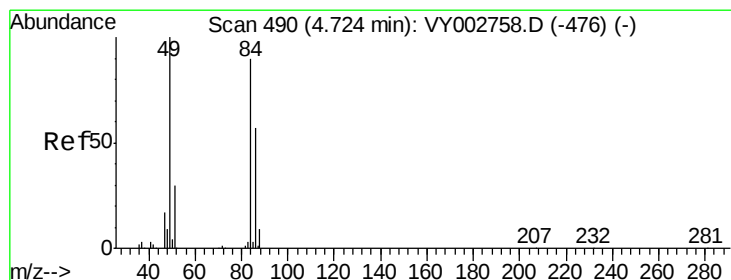
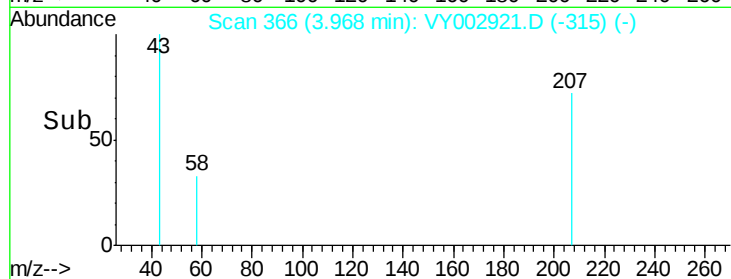
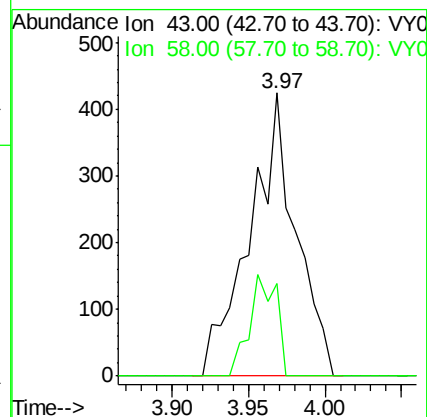
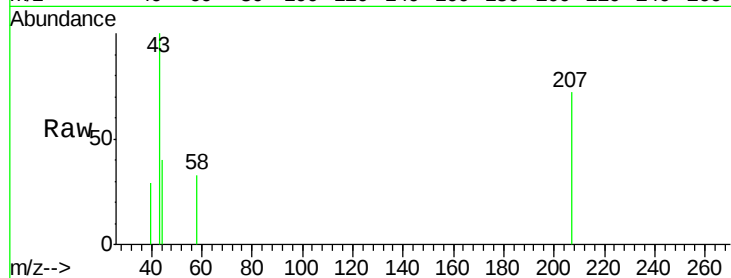




#16
Acetone
Concen: 1.823 ug/l
RT: 3.97 min Scan# 366
Delta R.T. 0.01 min
Lab File: VY002921.D
Acq: 18 Jun 2020 16:00

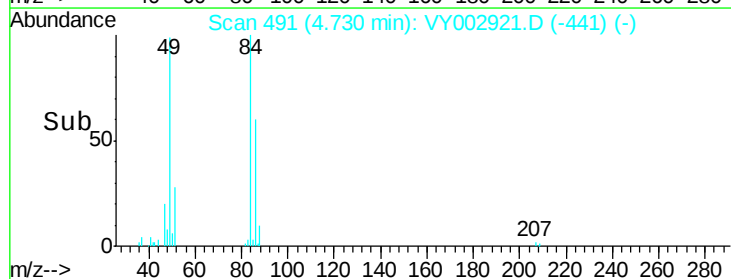
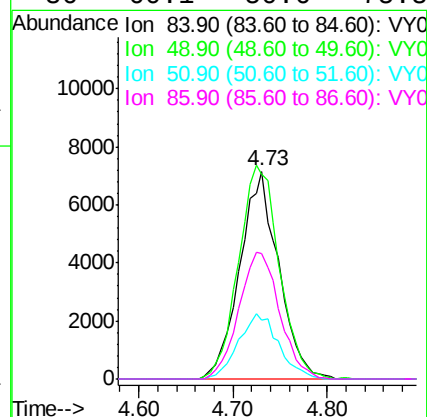
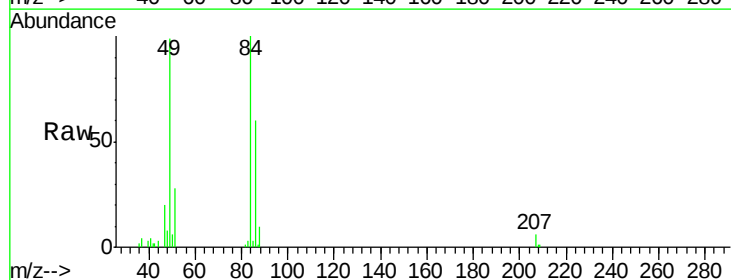
Instrument :
MSVOA_Y
ClientSampleId :

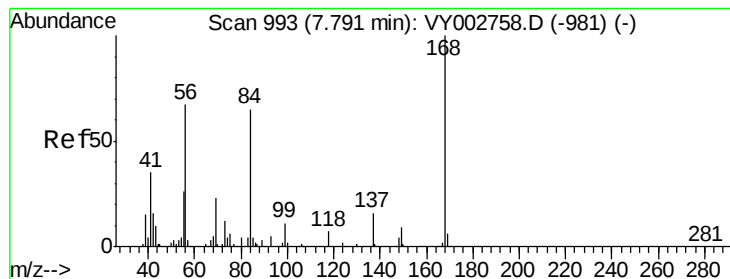
Tot Ion: 43 Resp: 891
Ion Ratio Lower Upper
43 100
58 32.5 27.7 41.5



#20
Methylene Chloride
Concen: 8.621 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY002921.D
Acq: 18 Jun 2020 16:00

Tgt Ion: 84 Resp: 20587
Ion Ratio Lower Upper
84 100
49 98.8 88.5 132.7
51 28.3 26.8 40.2
86 60.1 50.6 75.8





#31

Cyclohexane

Concen: 1.023 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY002921.D

Acq: 18 Jun 2020 16:00

Instrument :
MSVOA_Y
ClientSampleId :

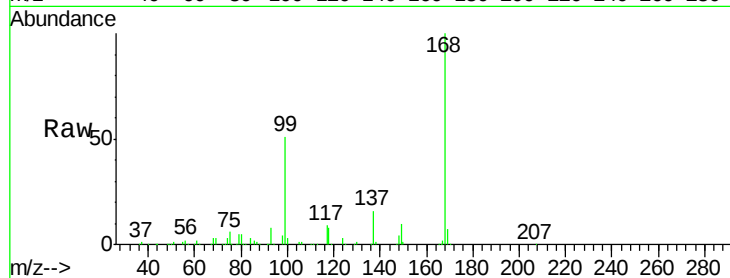
Tot Ion: 56 Resp: 3614

Ion Ratio Lower Upper

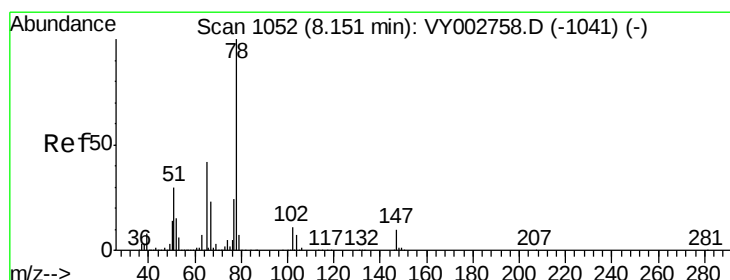
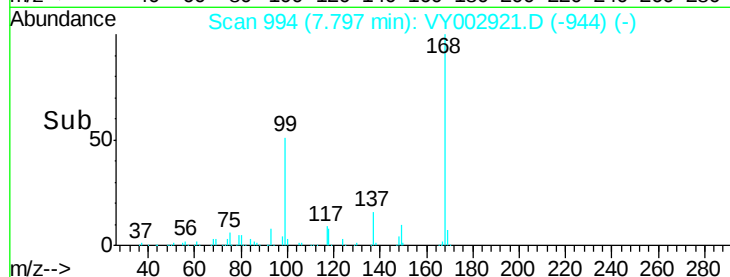
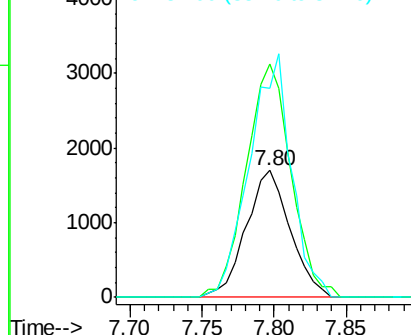
56 100

69 184.0 28.0 42.0#

84 164.5 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: 58.531 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY002921.D

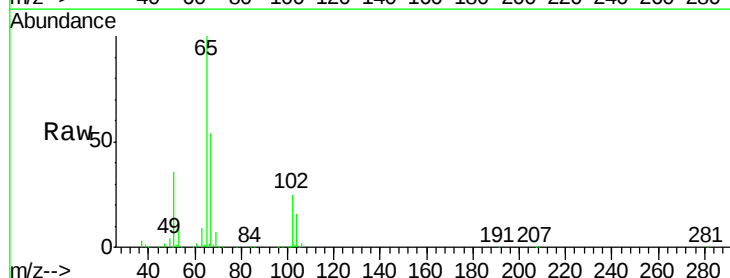
Acq: 18 Jun 2020 16:00

Tgt Ion: 65 Resp: 121976

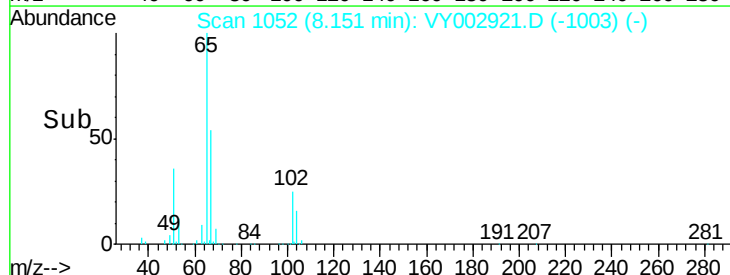
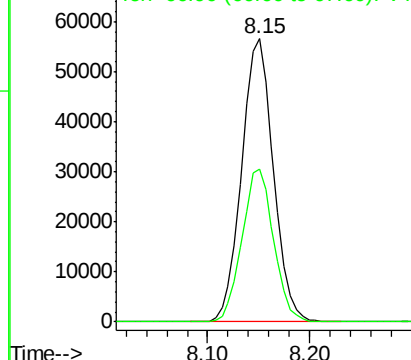
Ion Ratio Lower Upper

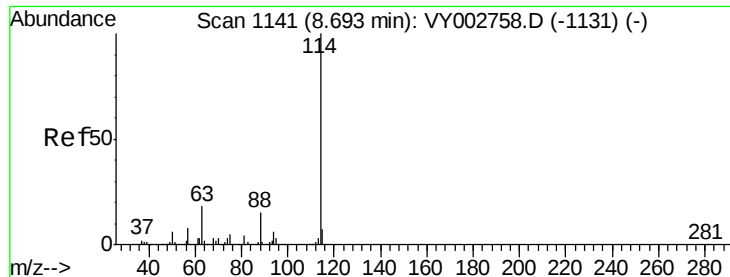
65 100

67 53.8 0.0 111.0



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

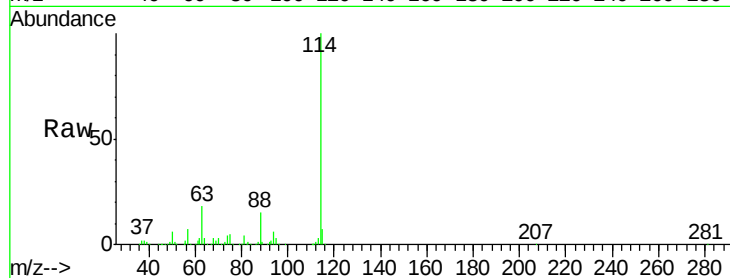




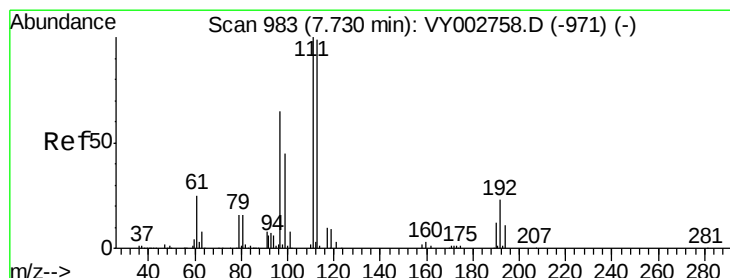
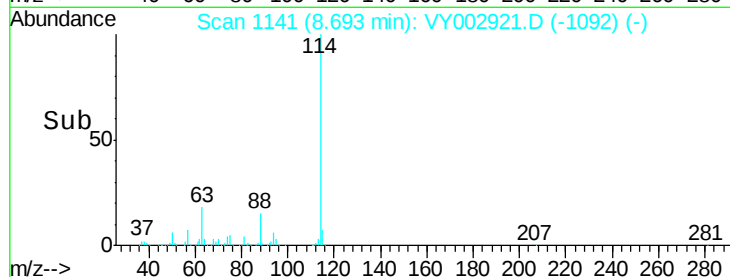
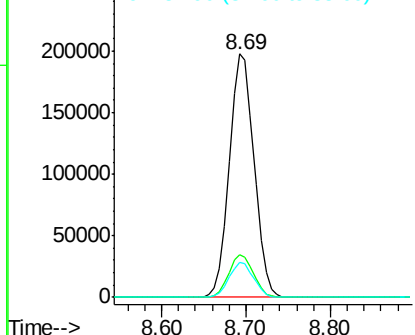
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VY002921.D
Acq: 18 Jun 2020 16:00

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	35.2
88	14.5	0.0	29.2

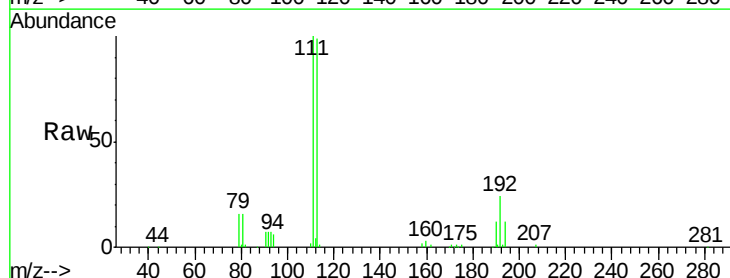


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0

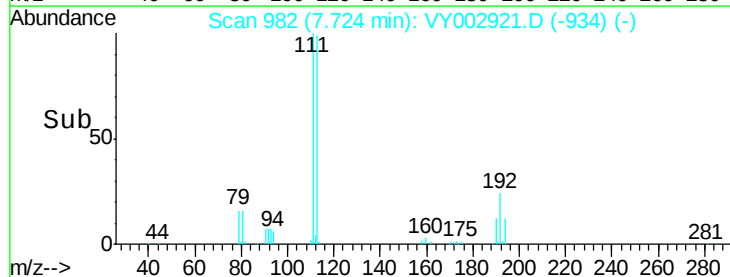
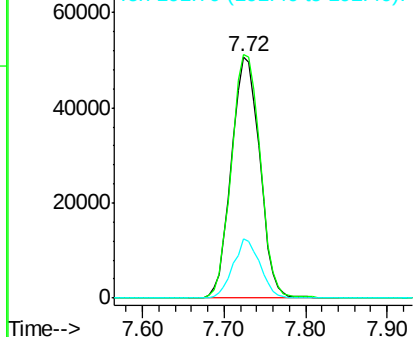


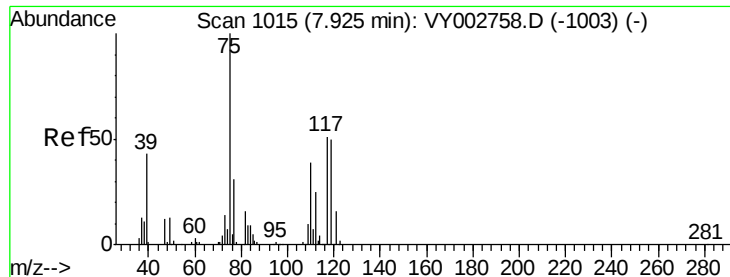
#35
Dibromofluoromethane
Concen: 52.858 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY002921.D
Acq: 18 Jun 2020 16:00

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.0	123.0
192	23.2	18.9	28.3



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

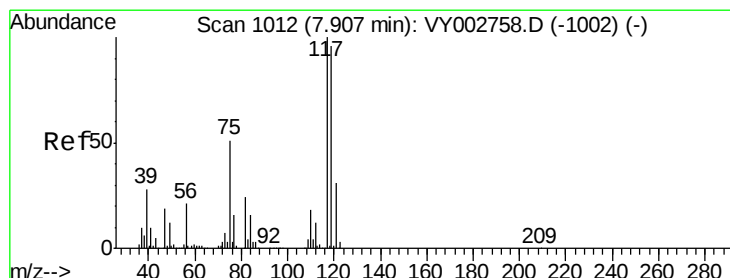
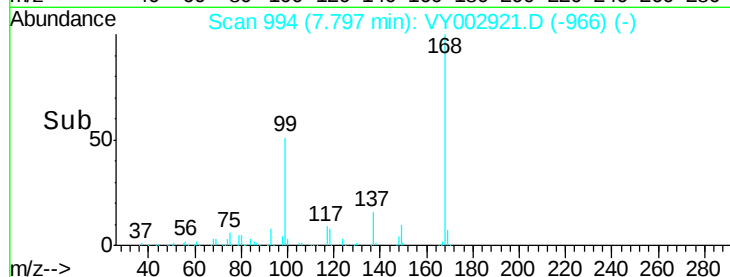
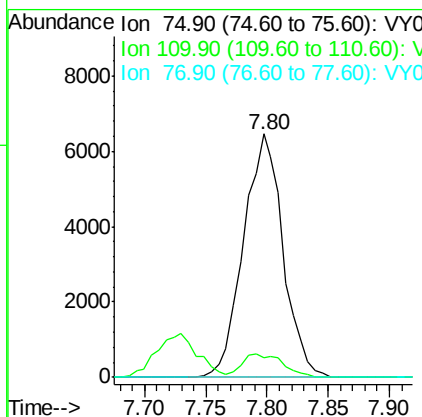
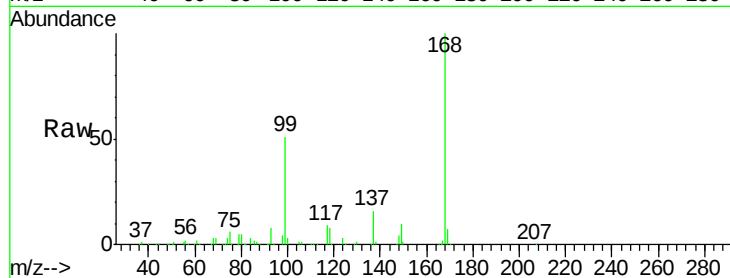




#36
 1,1-Dichloropropene
 Concen: 4.379 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY002921.D
 Acq: 18 Jun 2020 16:00

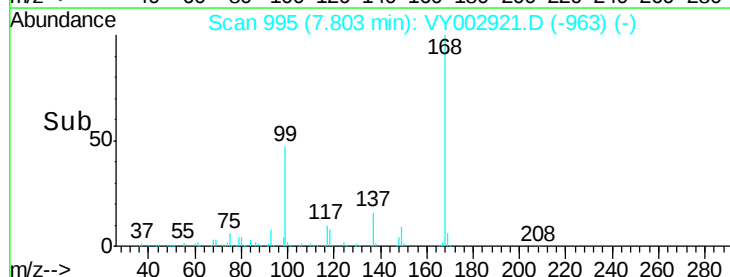
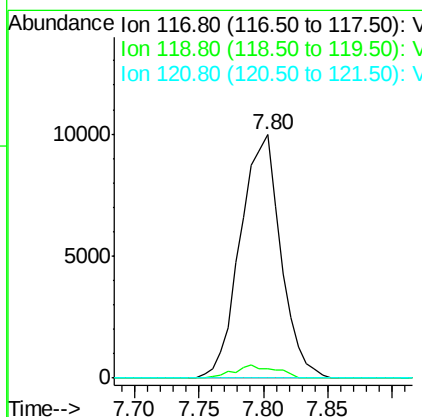
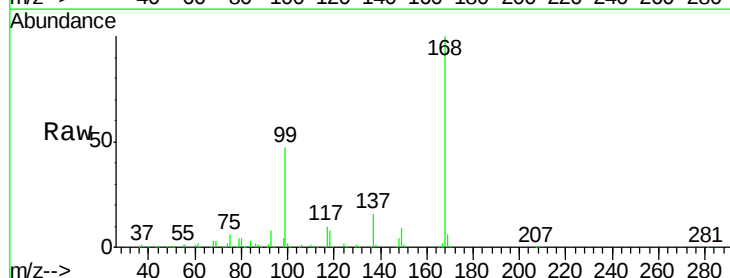
Instrument :
 MSVOA_Y
 ClientSampleId :

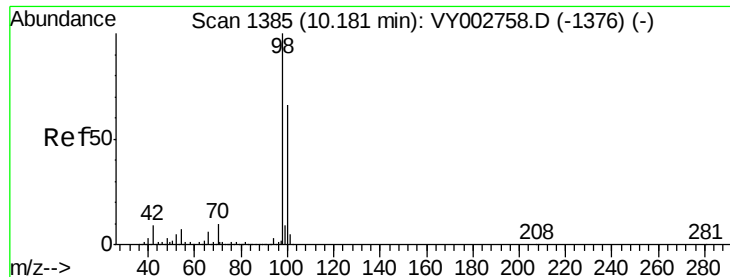
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.8	19.3	57.9#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 5.878 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.10 min
 Lab File: VY002921.D
 Acq: 18 Jun 2020 16:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.0	76.8	115.2#
121	0.0	24.8	37.2#





#50

Toluene-d8

Concen: 49.506 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002921.D

Acq: 18 Jun 2020 16:00

Instrument :

MSVOA_Y

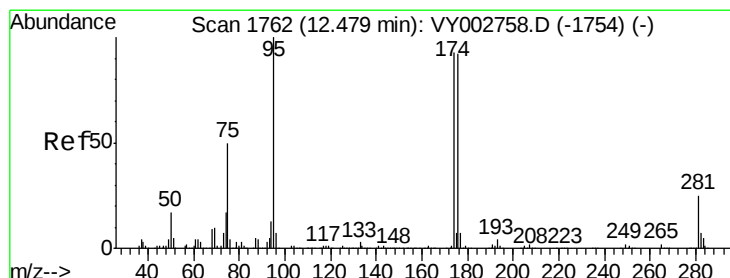
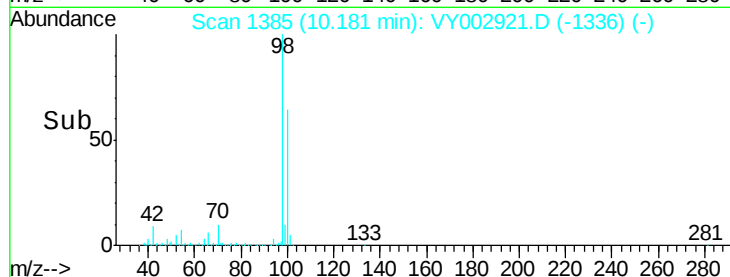
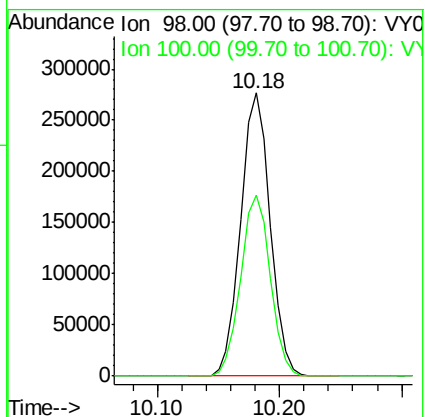
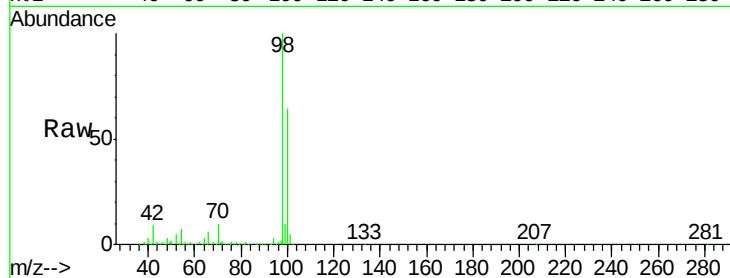
ClientSampled :

Tot Ion: 98 Resp: 461580

Ion Ratio Lower Upper

98 100

100 64.3 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 46.606 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002921.D

Acq: 18 Jun 2020 16:00

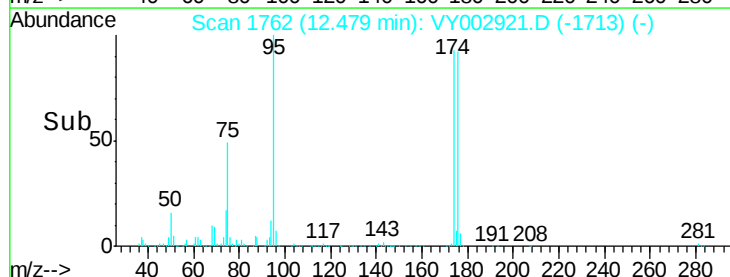
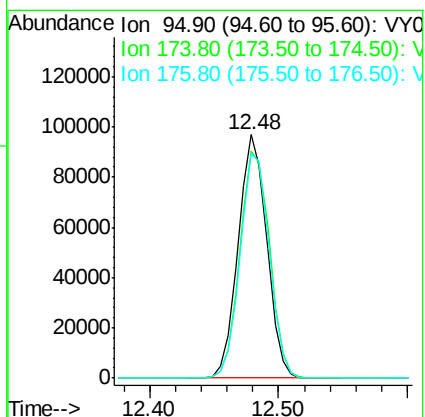
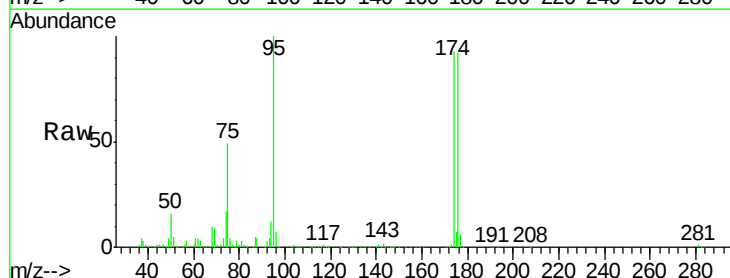
Tgt Ion: 95 Resp: 148504

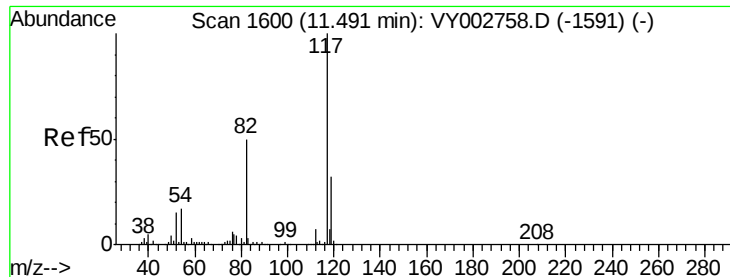
Ion Ratio Lower Upper

95 100

174 96.8 0.0 191.2

176 93.9 0.0 188.8

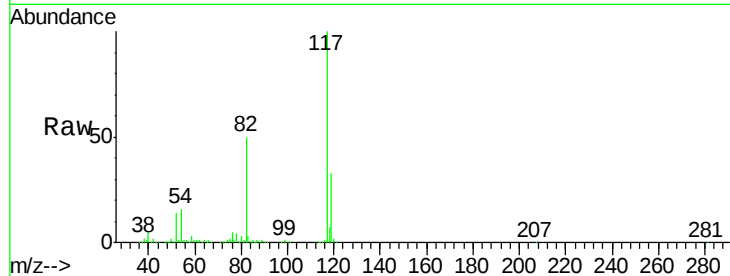




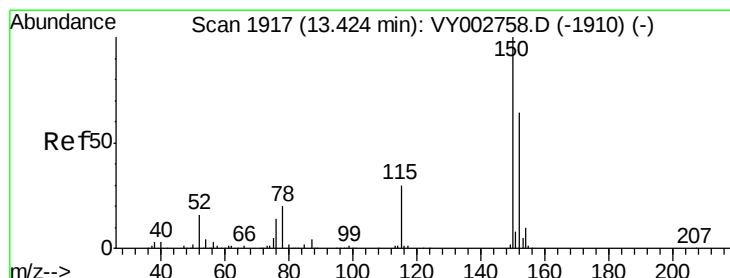
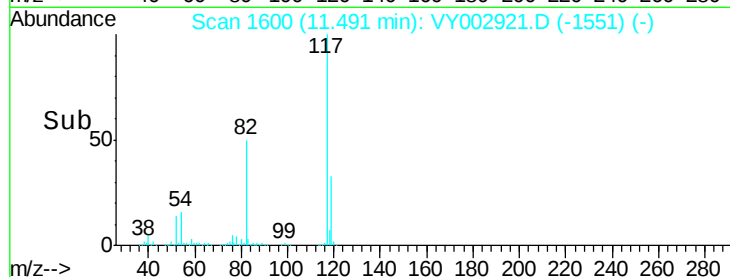
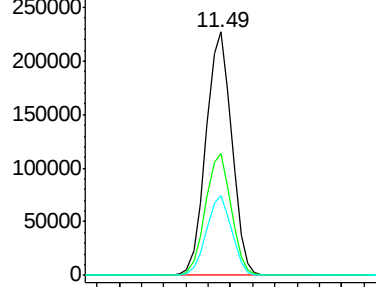
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002921.D
Acq: 18 Jun 2020 16:00

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 363280
Ion Ratio Lower Upper
117 100
82 50.4 40.2 60.4
119 32.6 25.8 38.8

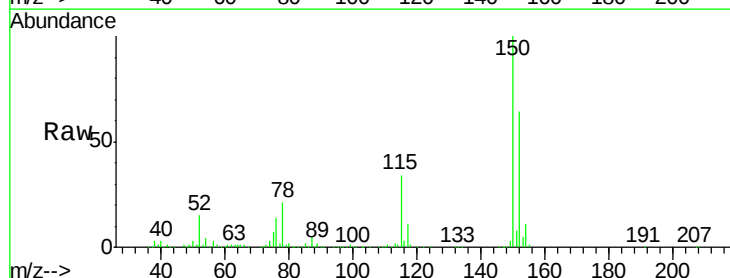


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

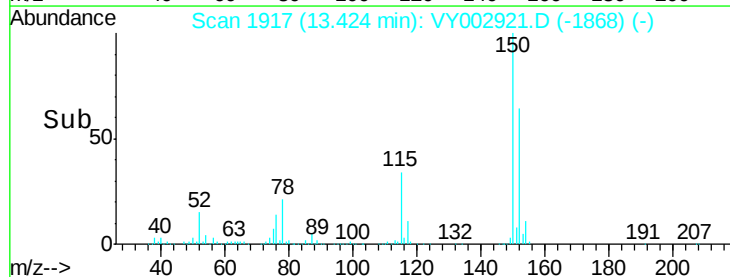
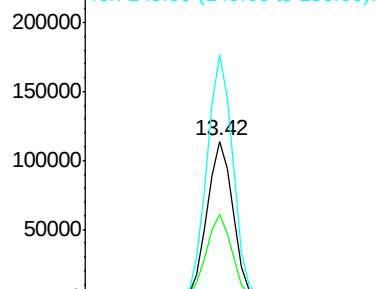


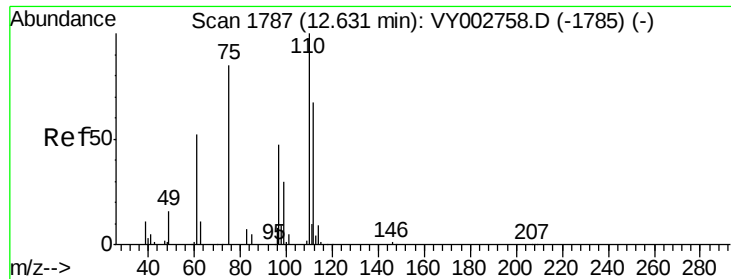
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002921.D
Acq: 18 Jun 2020 16:00

Tgt Ion:152 Resp: 166110
Ion Ratio Lower Upper
152 100
115 53.1 27.0 81.0
150 156.3 0.0 344.8



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

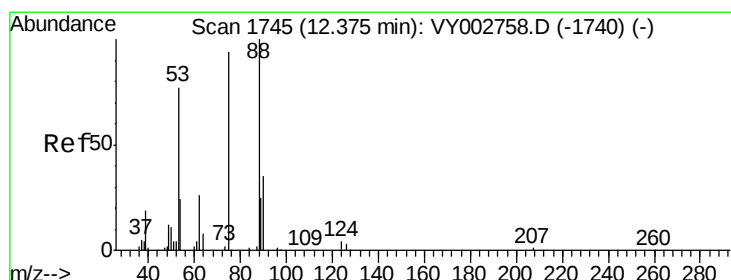
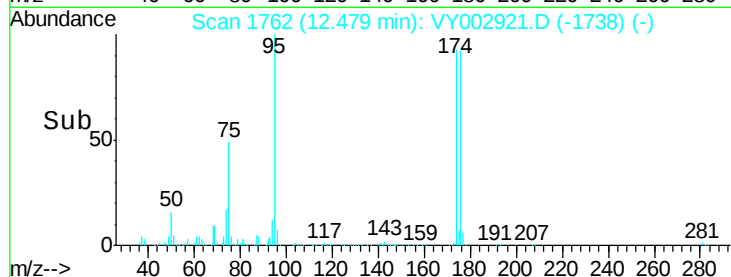
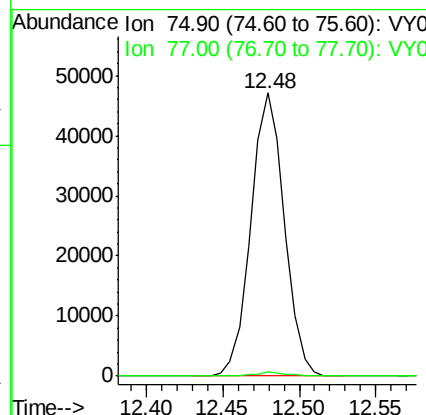
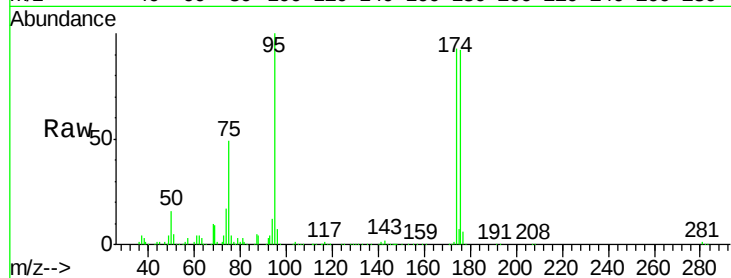




#76
 1,2,3-Trichloropropane
 Concen: 47.848 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.15 min
 Lab File: VY002921.D
 Acq: 18 Jun 2020 16:00

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 75 Resp: 71617
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.145 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.10 min
 Lab File: VY002921.D
 Acq: 18 Jun 2020 16:00

Tgt Ion: 75 Resp: 71617
 Ion Ratio Lower Upper
 75 100
 53 0.1 64.0 96.0#
 89 0.0 37.4 56.2#

