

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052720\
 Data File : VY002773.D
 Acq On : 27 May 2020 18:51
 Operator : SY/MD
 Sample : L2771-10
 Misc : 7.07G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RAMP-B-INFIELD-1

Quant Time: May 28 04:45:08 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

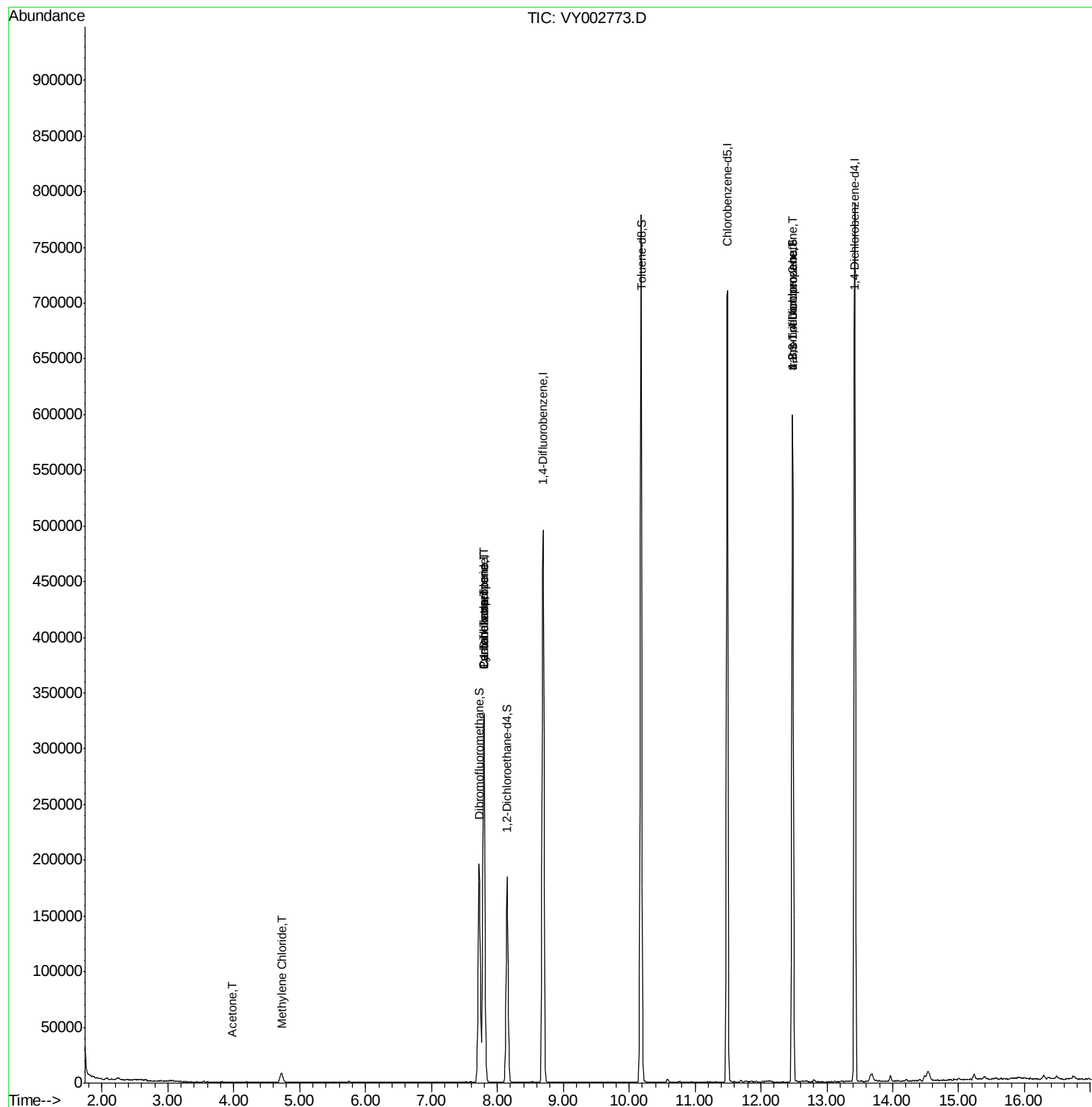
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	279640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	452746	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	420678	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	215387	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	139489	57.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.90%	
35) Dibromofluoromethane	7.72	113	140085	52.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.60%	
50) Toluene-d8	10.18	98	528602	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.54%	
62) 4-Bromofluorobenzene	12.48	95	184436	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.62%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.97	59	33	Below Cal	#	74
16) Acetone	3.97	43	656	1.152	ug/l	89
18) Methyl Acetate	4.49	43	333	Below Cal	#	48
20) Methylene Chloride	4.72	84	6779	2.436	ug/l	88
31) Cyclohexane	7.80	56	4270	1.037	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	17421	4.568	ug/l #	48
38) Carbon Tetrachloride	7.80	117	25218	5.952	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	88416	45.557	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	88416	85.829	ug/l #	17

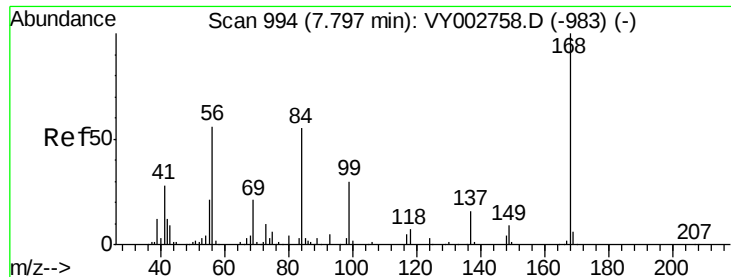
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY052720\
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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: VY002773.D

Acq: 27 May 2020 18:51

Instrument :

MSVOA_Y

ClientSampleId :

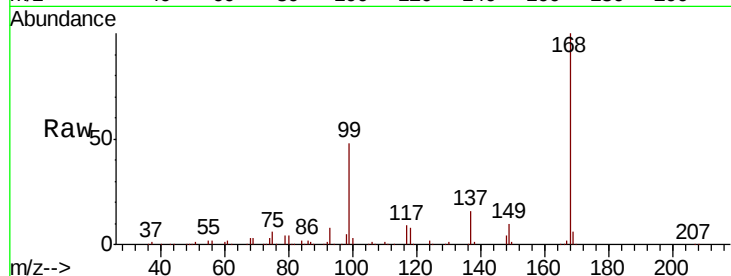
RAMP-B-INFIELD-1

Tot Ion:168 Resp: 279640

Ion Ratio Lower Upper

168 100

99 47.8 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002773.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002773.D (-945) (-)

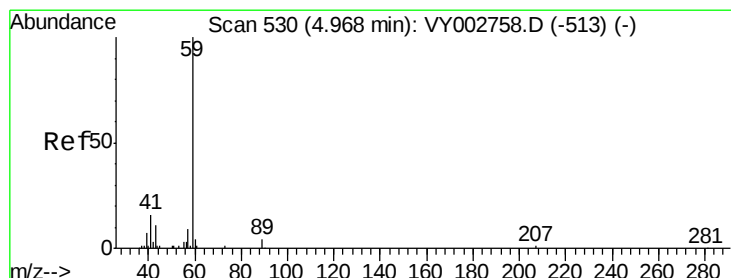
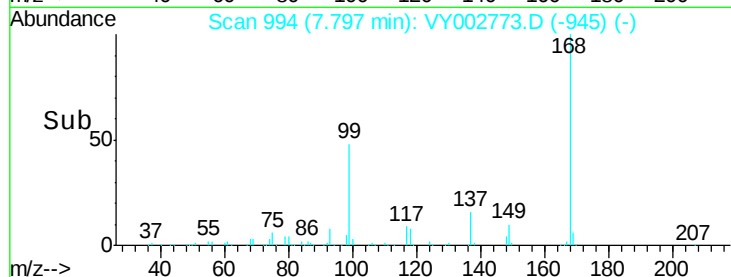
7.80

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.97 min Scan# 530

Delta R.T. 0.00 min

Lab File: VY002773.D

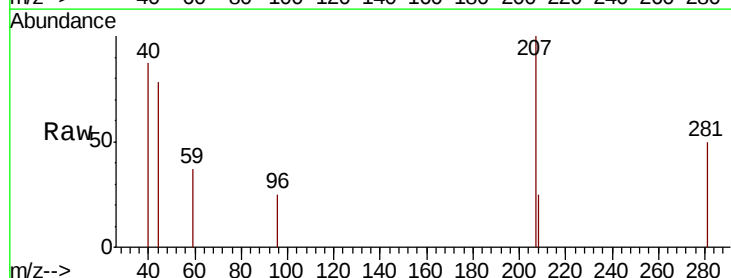
Acq: 27 May 2020 18:51

Tgt Ion: 59 Resp: 33

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VY002773.D (-481) (-)

Ion 57.00 (56.70 to 57.70): VY002773.D (-481) (-)

4.97

100

80

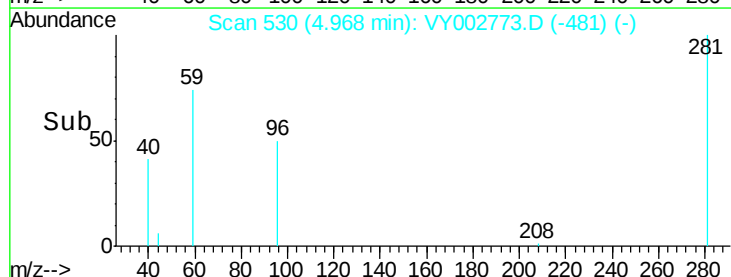
60

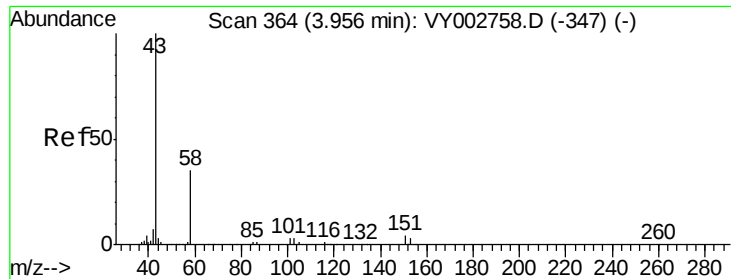
40

20

0

Time-->





#16

Acetone

Concen: 1.152 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002773.D

Acq: 27 May 2020 18:51

Instrument :

MSVOA_Y

ClientSampleId :

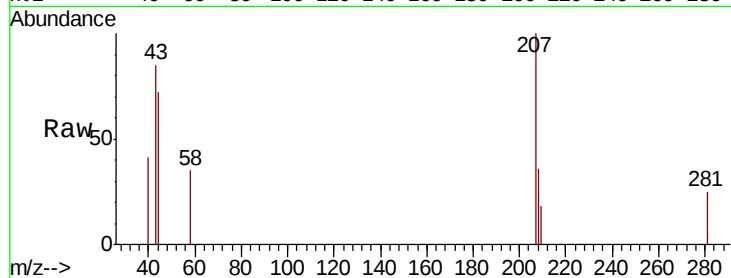
RAMP-B-INFIELD-1

Tot Ion: 43 Resp: 656

Ion Ratio Lower Upper

43 100

58 41.2 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

3.97

250

200

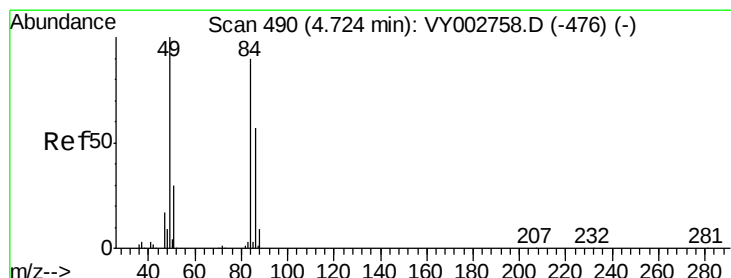
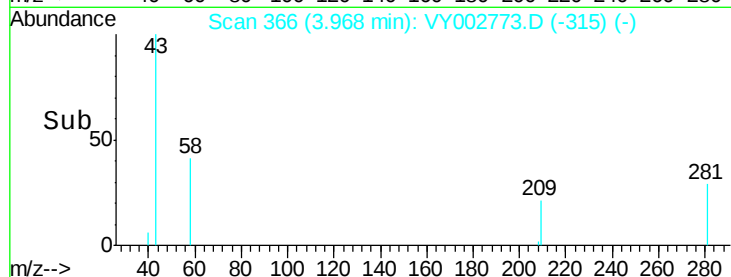
150

100

50

0

Time-->



#20

Methylene Chloride

Concen: 2.436 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY002773.D

Acq: 27 May 2020 18:51

Tgt Ion: 84 Resp: 6779

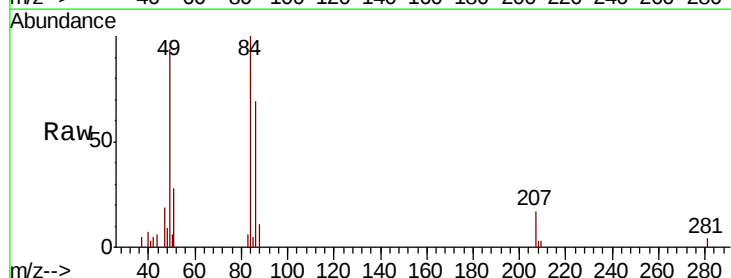
Ion Ratio Lower Upper

84 100

49 94.2 88.5 132.7

51 28.0 26.8 40.2

86 68.6 50.6 75.8



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

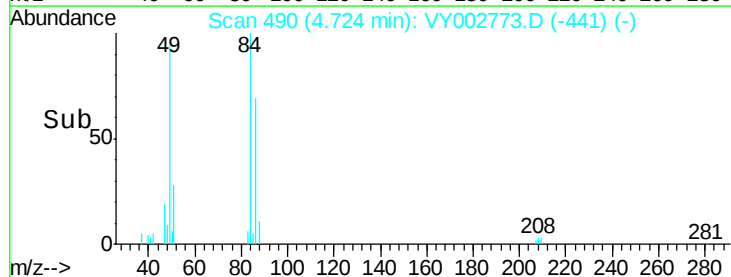
3000

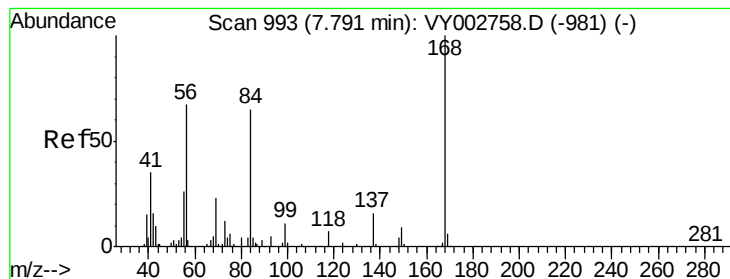
2000

1000

0

Time-->





#31

Cyclohexane

Concen: 1.037 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY002773.D

Acq: 27 May 2020 18:51

Instrument :

MSVOA_Y

ClientSampleId :

RAMP-B-INFIELD-1

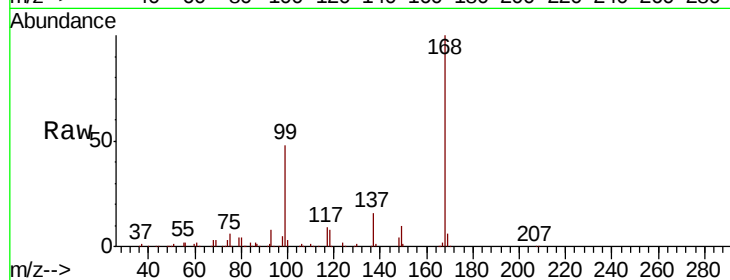
Tot Ion: 56 Resp: 4270

Ion Ratio Lower Upper

56 100

69 185.4 28.0 42.0#

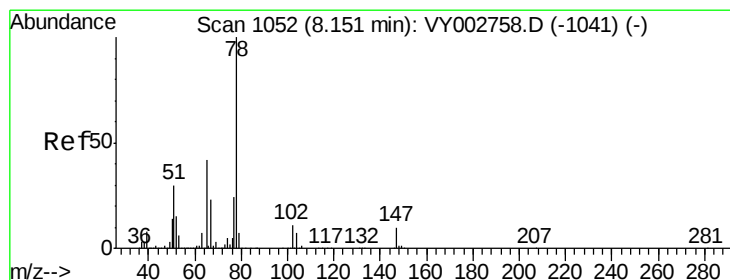
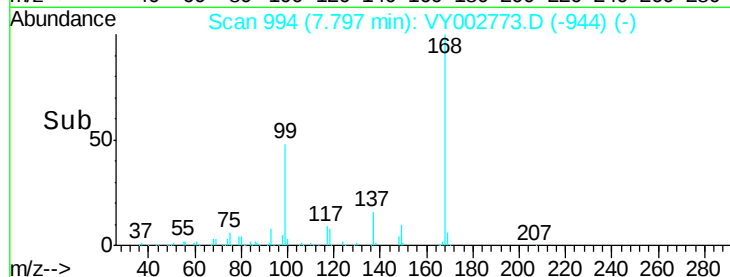
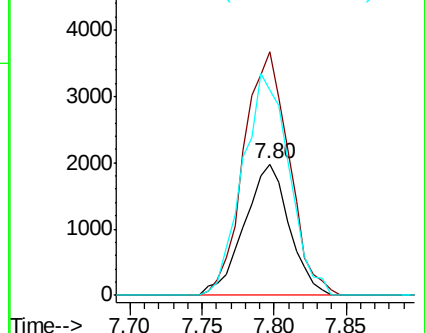
84 155.9 77.7 116.5#



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: 57.449 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY002773.D

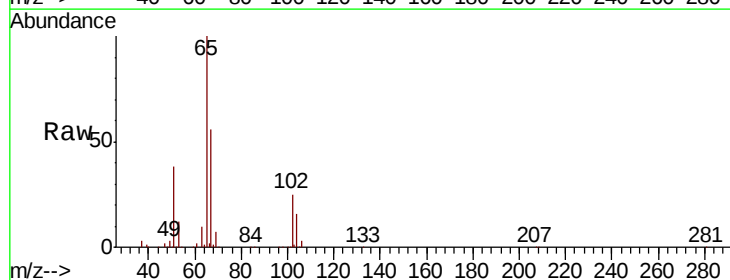
Acq: 27 May 2020 18:51

Tgt Ion: 65 Resp: 139489

Ion Ratio Lower Upper

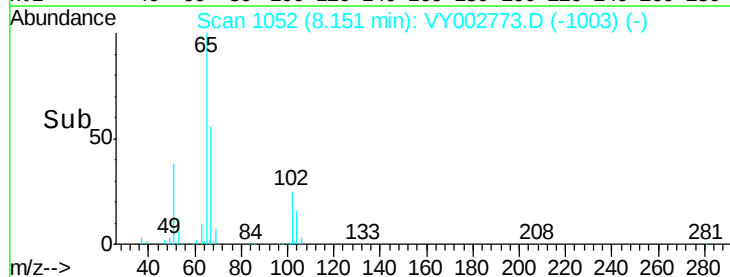
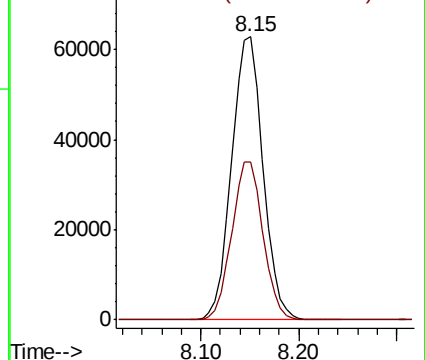
65 100

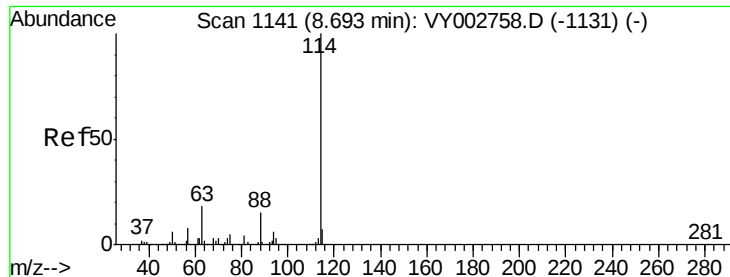
67 55.6 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

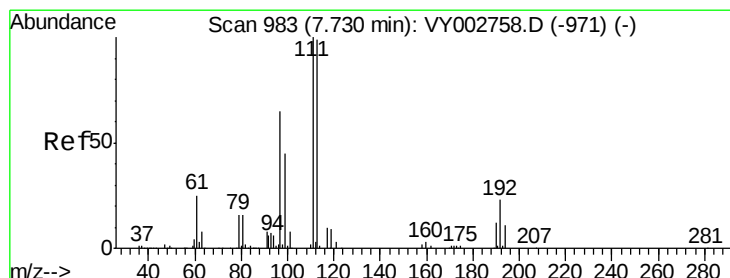
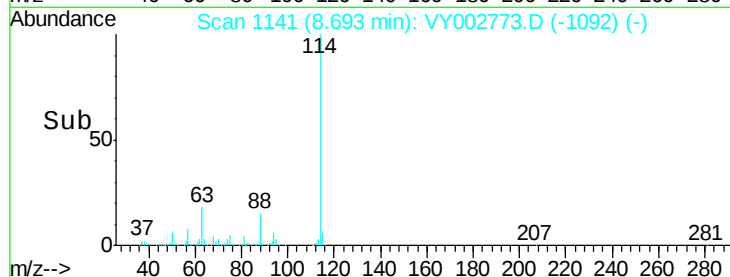
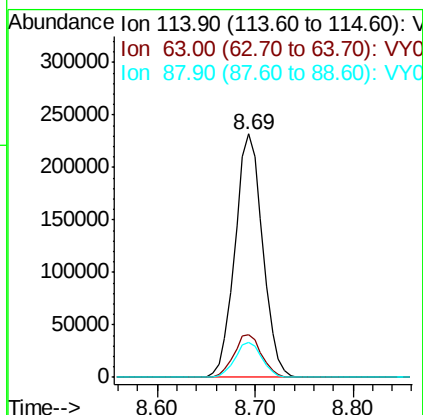
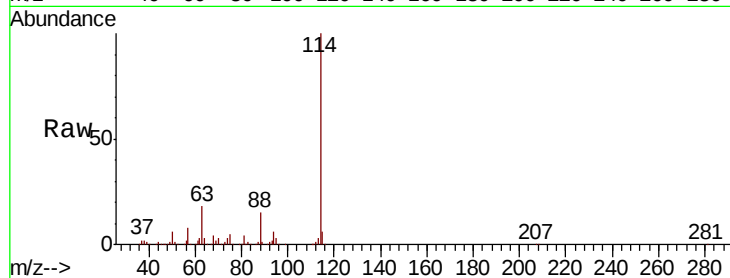




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002773.D
 Acq: 27 May 2020 18:51

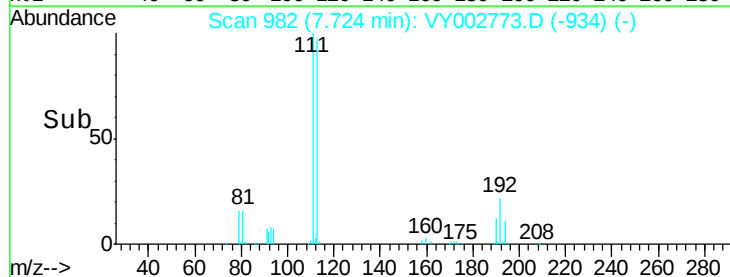
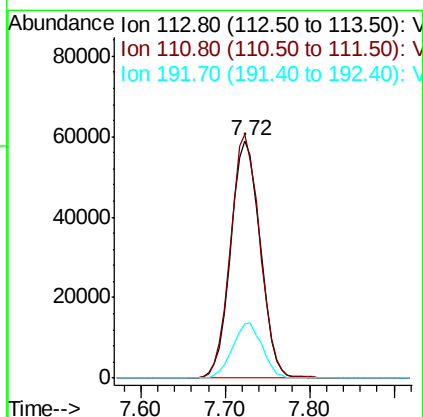
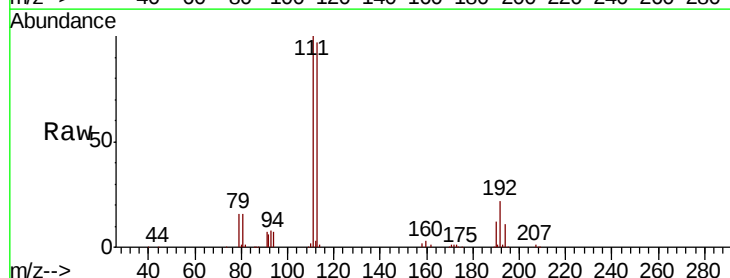
Instrument :
 MSVOA_Y
 ClientSampleId :
 RAMP-B-INFELD-1

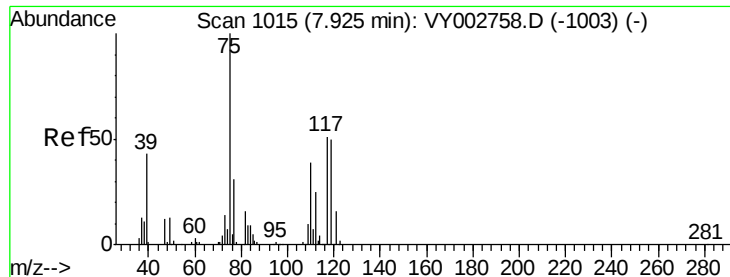
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	35.2
88	14.6	0.0	29.2



#35
 Dibromofluoromethane
 Concen: 52.796 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002773.D
 Acq: 27 May 2020 18:51

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.0	123.0
192	23.2	18.9	28.3

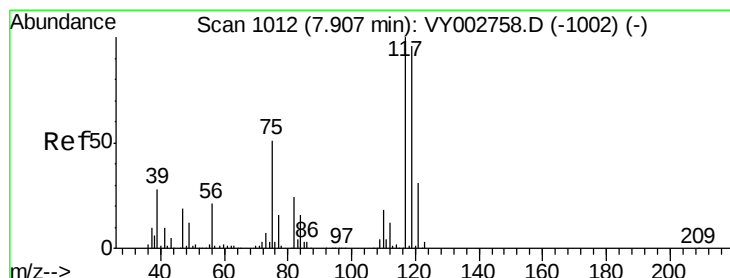
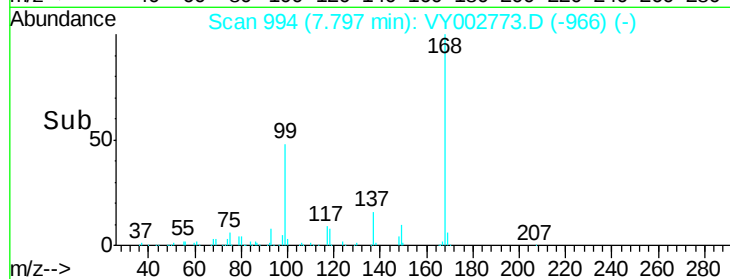
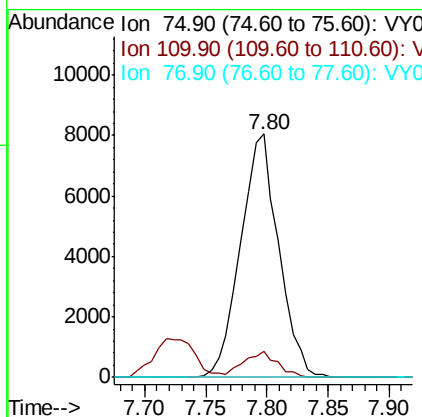
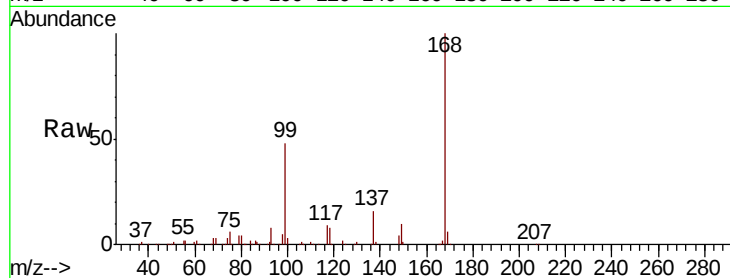




#36
 1,1-Dichloropropene
 Concen: 4.568 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY002773.D
 Acq: 27 May 2020 18:51

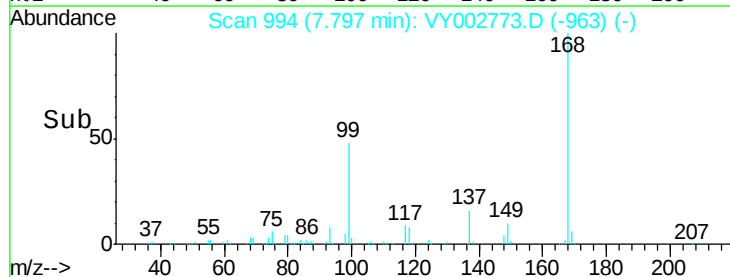
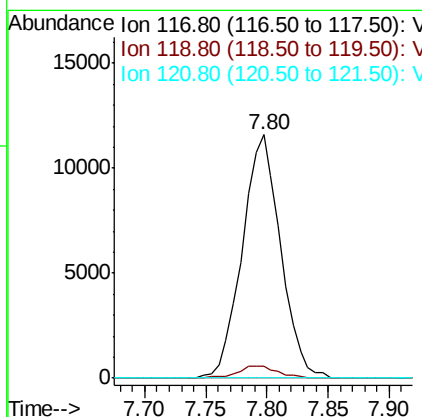
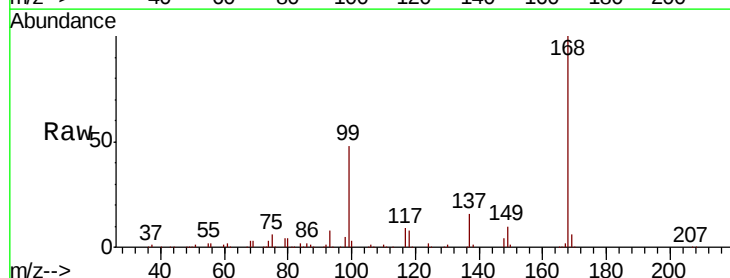
Instrument :
 MSVOA_Y
 ClientSampleId :
 RAMP-B-INFIELD-1

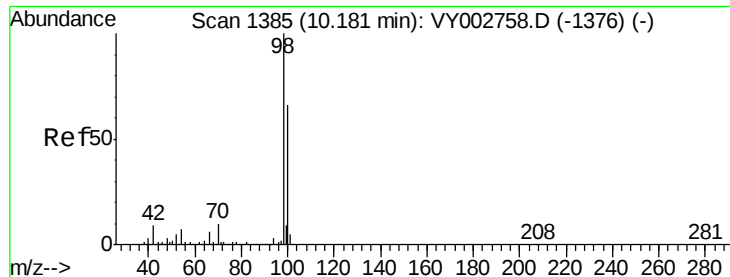
Tot Ion	75	Resp	17421
Ion Ratio	Lower	Upper	
75	100		
110	9.5	19.3	57.9#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 5.952 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.11 min
 Lab File: VY002773.D
 Acq: 27 May 2020 18:51

Tgt Ion	117	Resp	25218
Ion Ratio	Lower	Upper	
117	100		
119	4.7	76.8	115.2#
121	0.0	24.8	37.2#





#50

Toluene-d8

Concen: 49.273 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002773.D

Acq: 27 May 2020 18:51

Instrument :

MSVOA_Y

ClientSampleId :

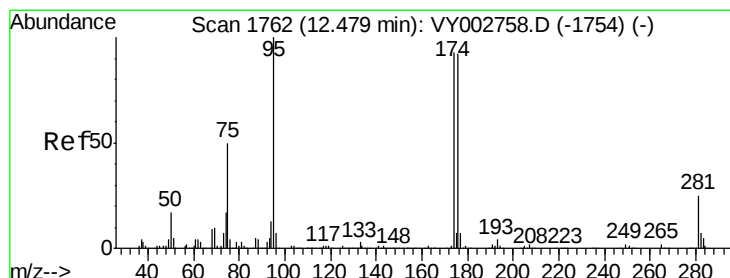
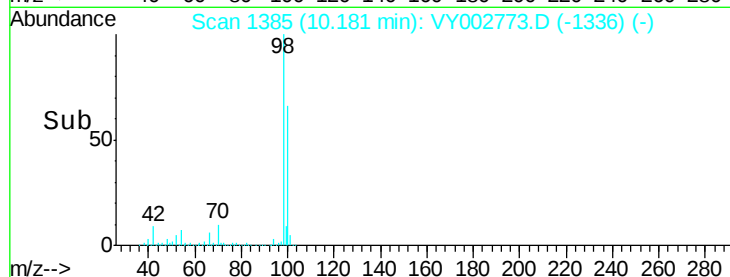
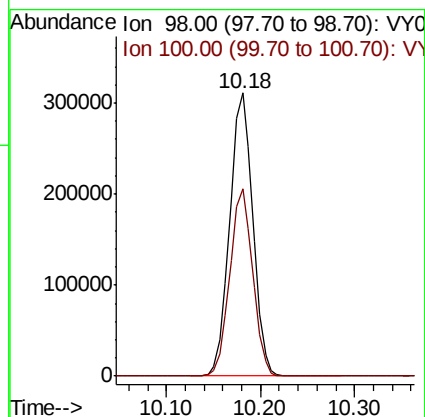
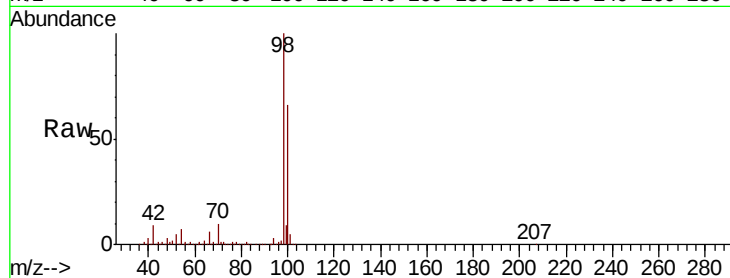
RAMP-B-INFIELD-1

Tot Ion: 98 Resp: 528602

Ion Ratio Lower Upper

98 100

100 65.3 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 50.305 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002773.D

Acq: 27 May 2020 18:51

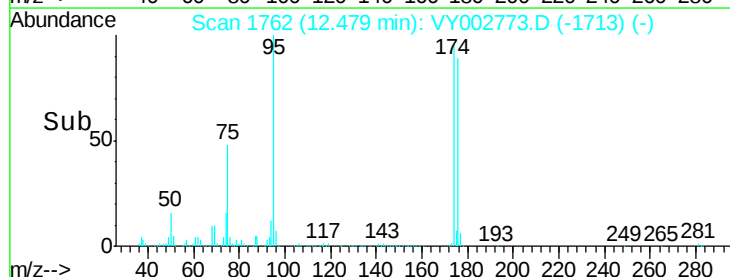
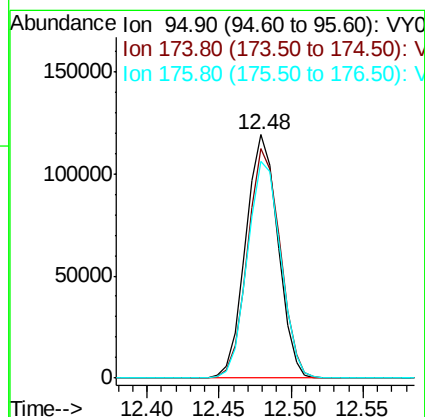
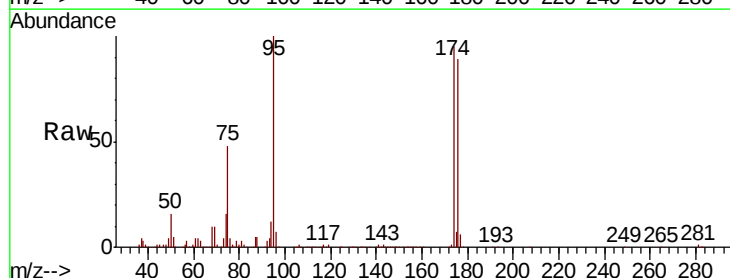
Tgt Ion: 95 Resp: 184436

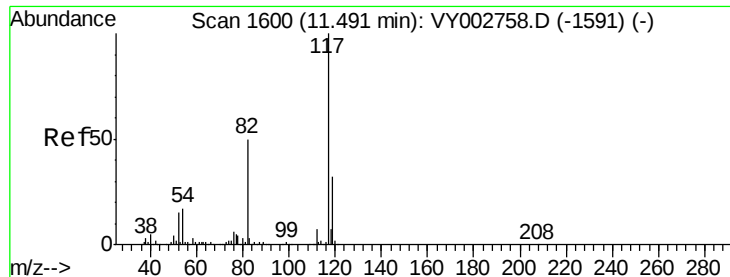
Ion Ratio Lower Upper

95 100

174 95.2 0.0 191.2

176 91.5 0.0 188.8

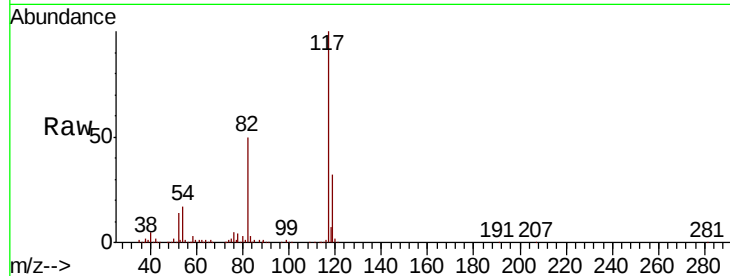




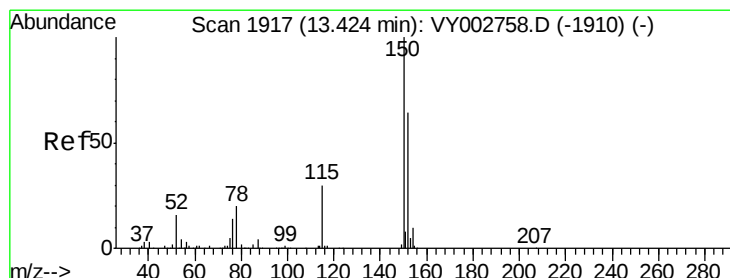
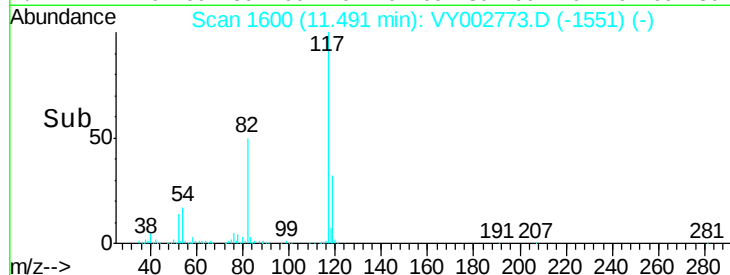
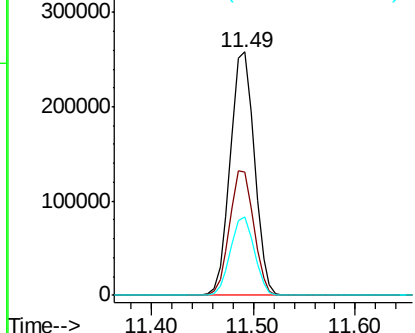
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002773.D
Acq: 27 May 2020 18:51

Instrument :
MSVOA_Y
ClientSampleId :
RAMP-B-INFIELD-1

Tot Ion:117 Resp: 420678
Ion Ratio Lower Upper
117 100
82 50.5 40.2 60.4
119 32.1 25.8 38.8

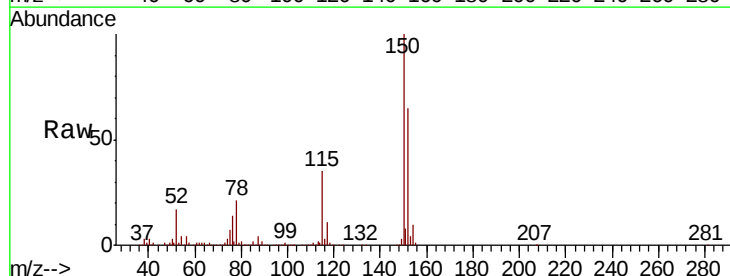


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

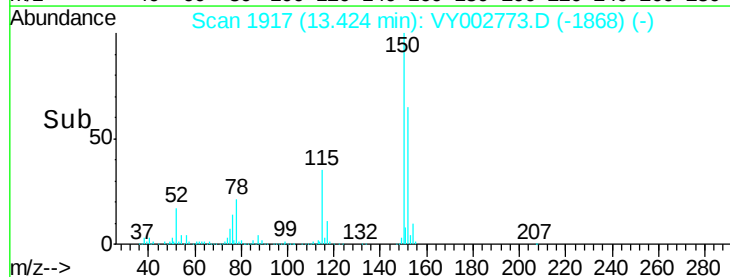
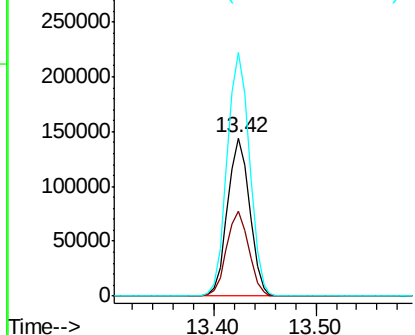


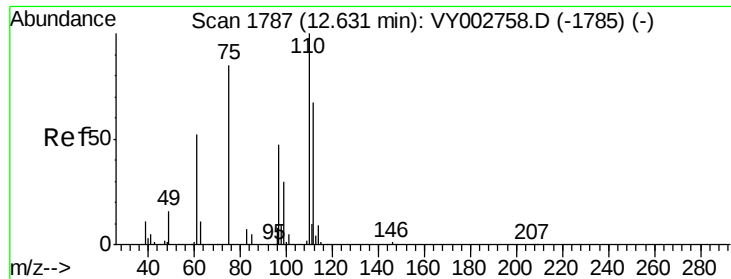
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002773.D
Acq: 27 May 2020 18:51

Tgt Ion:152 Resp: 215387
Ion Ratio Lower Upper
152 100
115 54.0 27.0 81.0
150 156.7 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: 45.557 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY002773.D

Acq: 27 May 2020 18:51

Instrument :

MSVOA_Y

ClientSampleId :

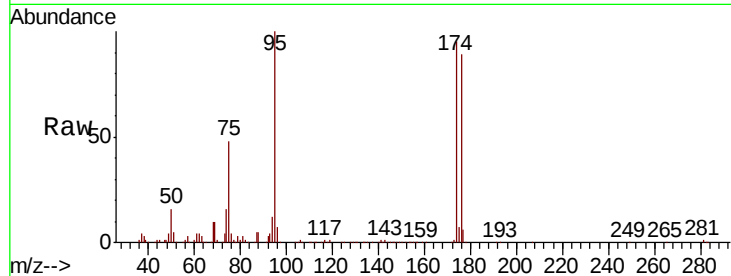
RAMP-B-INFIELD-1

Tot Ion: 75 Resp: 88416

Ion Ratio Lower Upper

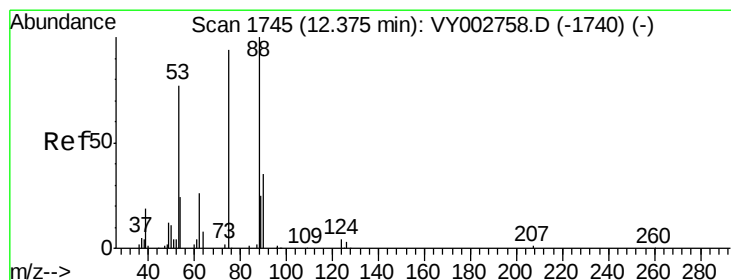
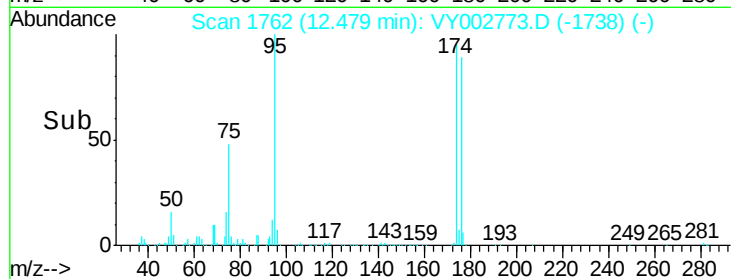
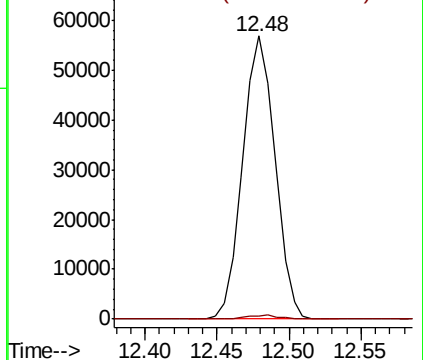
75 100

77 1.5 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: 85.829 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002773.D

Acq: 27 May 2020 18:51

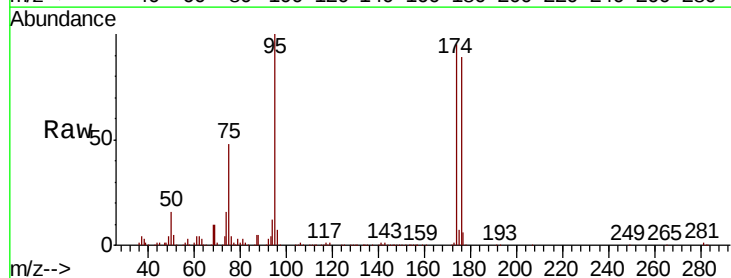
Tgt Ion: 75 Resp: 88416

Ion Ratio Lower Upper

75 100

53 0.0 64.0 96.0#

89 0.1 37.4 56.2#



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

