

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052720\
 Data File : VY002775.D
 Acq On : 27 May 2020 19:40
 Operator : SY/MD
 Sample : L2771-14
 Misc : 7.02G/5ML/MSVOA Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: May 28 04:45:38 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

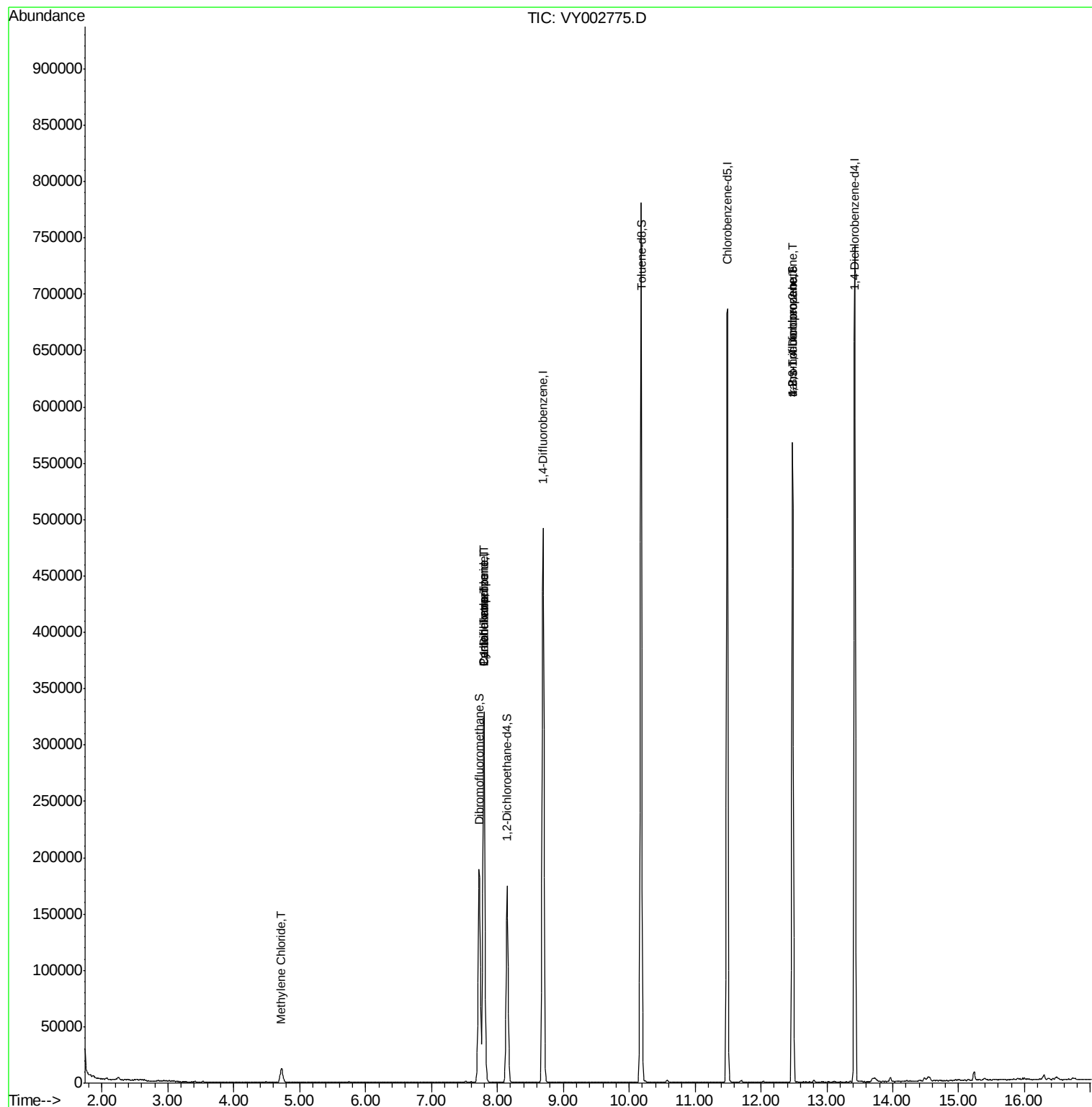
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	278201	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	445259	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	412804	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	199337	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	135499	56.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.18%	
35) Dibromofluoromethane	7.72	113	137998	52.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.76%	
50) Toluene-d8	10.18	98	525725	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
62) 4-Bromofluorobenzene	12.48	95	173780	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
Target Compounds						
18) Methyl Acetate	4.49	43	429	Below Cal	#	72
20) Methylene Chloride	4.72	84	9398	3.395	ug/l	98
31) Cyclohexane	7.79	56	4240	1.035	ug/l #	1
36) 1,1-Dichloropropene	7.79	75	17136	4.569	ug/l #	49
38) Carbon Tetrachloride	7.80	117	25235	6.056	ug/l #	18
76) 1,2,3-Trichloropropane	12.48	75	81863	45.577	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	81863	85.866	ug/l #	17

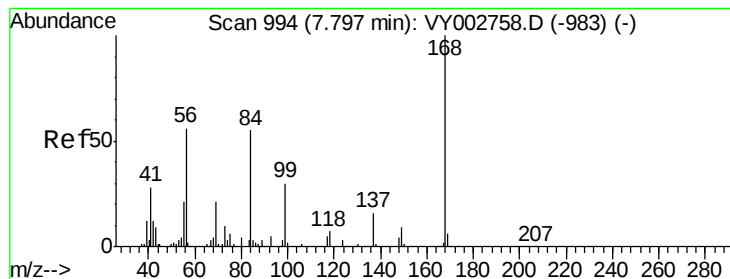
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002775.D

Acq: 27 May 2020 19:40

Instrument :

MSVOA_Y

ClientSampleId :

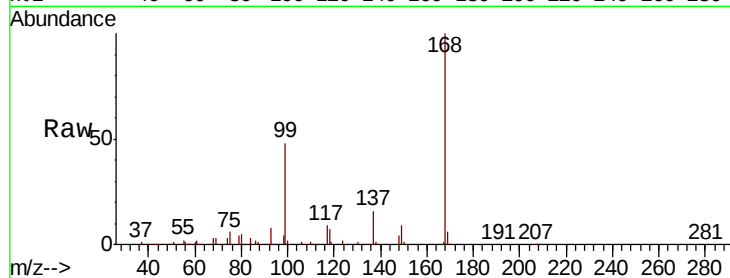
RAMP-A-INFIELD-1

Tot Ion:168 Resp: 278201

Ion Ratio Lower Upper

168 100

99 47.7 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002775.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002775.D (-945) (-)

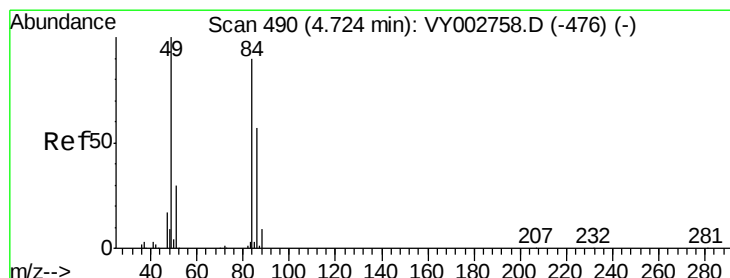
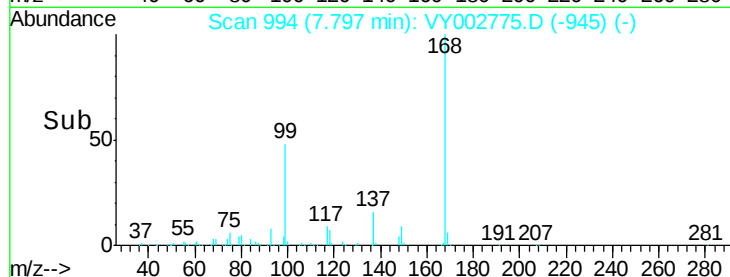
7.80

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 3.395 ug/l

RT: 4.72 min Scan# 489

Delta R.T. -0.01 min

Lab File: VY002775.D

Acq: 27 May 2020 19:40

Tgt Ion: 84 Resp: 9398

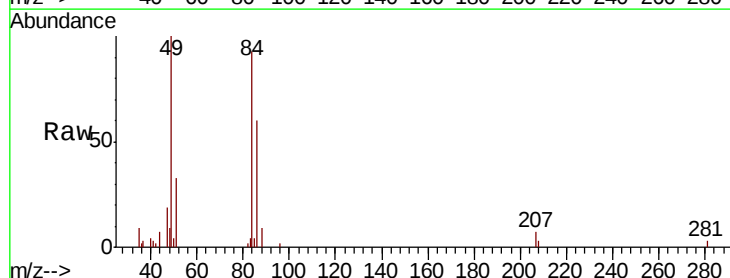
Ion Ratio Lower Upper

84 100

49 108.0 88.5 132.7

51 35.3 26.8 40.2

86 64.9 50.6 75.8



Abundance Ion 83.90 (83.60 to 84.60): VY002775.D (-441) (-)

Ion 48.90 (48.60 to 49.60): VY002775.D (-441) (-)

Ion 50.90 (50.60 to 51.60): VY002775.D (-441) (-)

Ion 85.90 (85.60 to 86.60): VY002775.D (-441) (-)

4.72

5000

4000

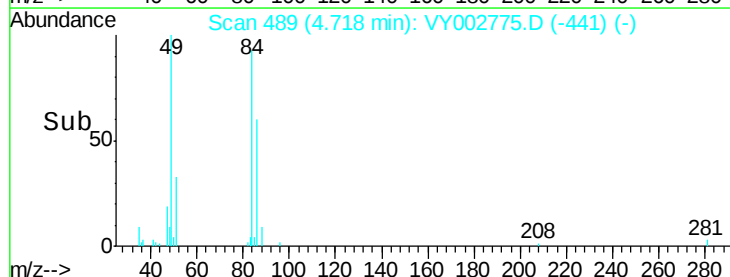
3000

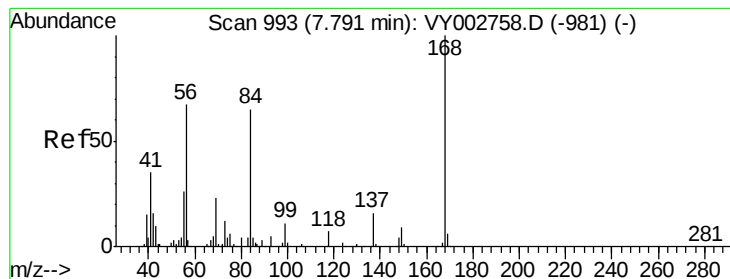
2000

1000

0

Time-->





#31

Cyclohexane

Concen: 1.035 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002775.D

Acq: 27 May 2020 19:40

Instrument :

MSVOA_Y

ClientSampleId :

RAMP-A-INFELD-1

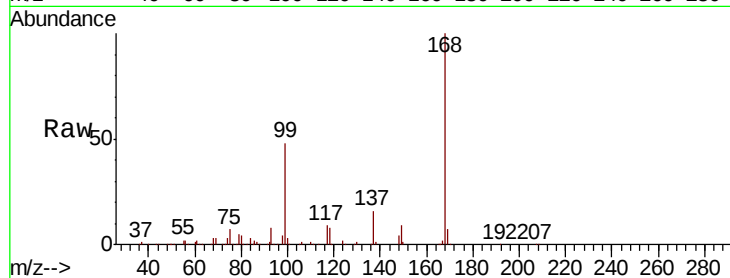
Tot Ion: 56 Resp: 4240

Ion Ratio Lower Upper

56 100

69 170.3 28.0 42.0#

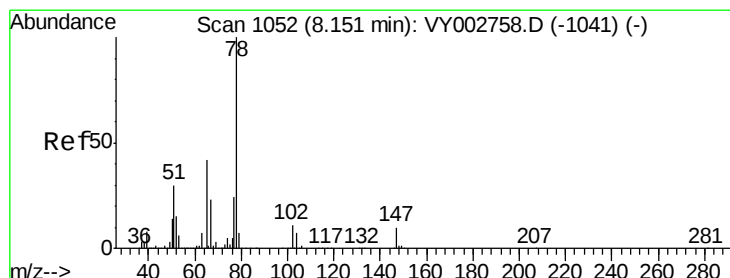
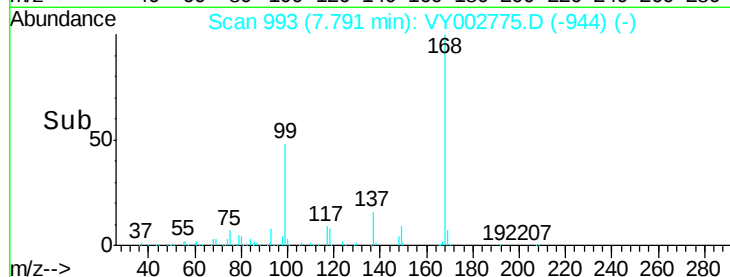
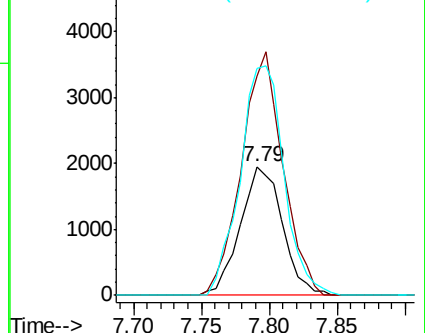
84 176.0 77.7 116.5#



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: 56.094 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VY002775.D

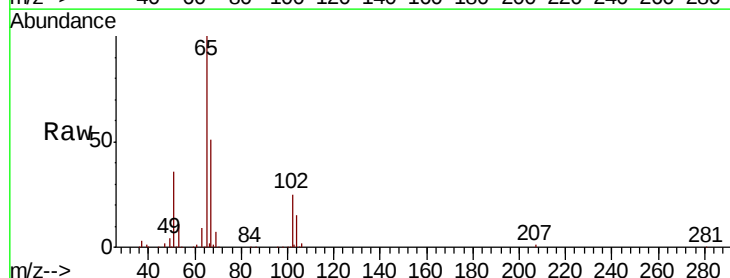
Acq: 27 May 2020 19:40

Tgt Ion: 65 Resp: 135499

Ion Ratio Lower Upper

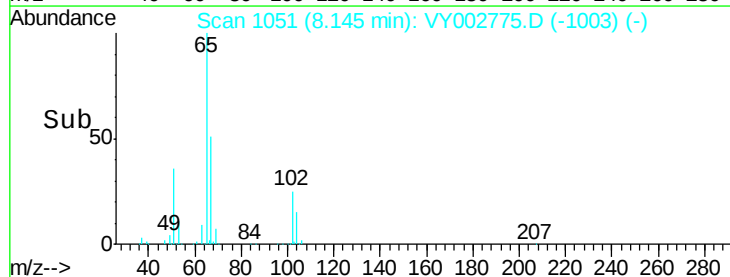
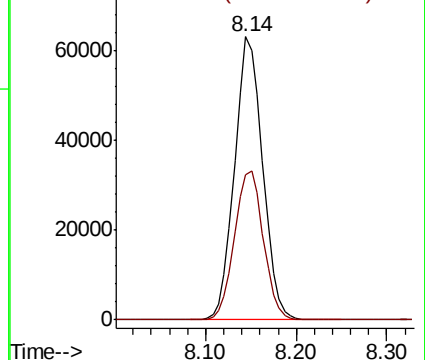
65 100

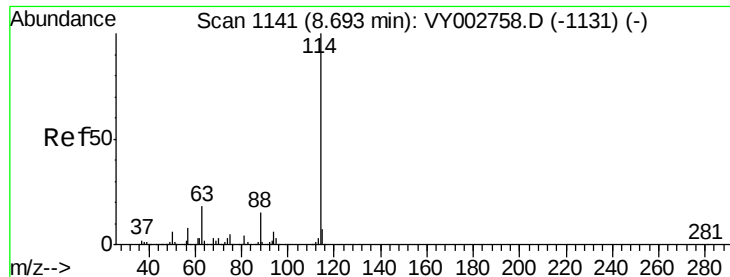
67 54.1 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

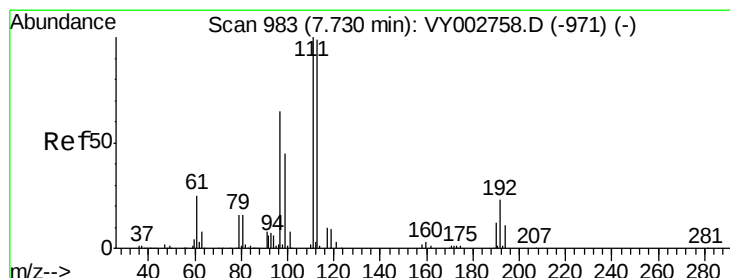
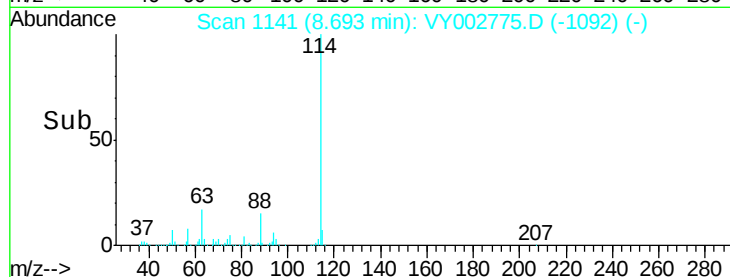
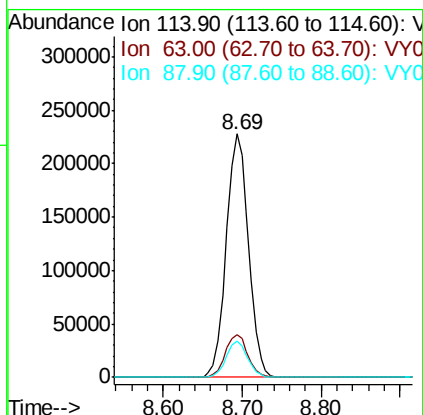
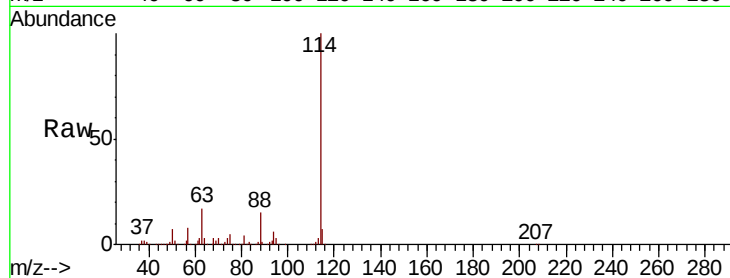




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002775.D
 Acq: 27 May 2020 19:40

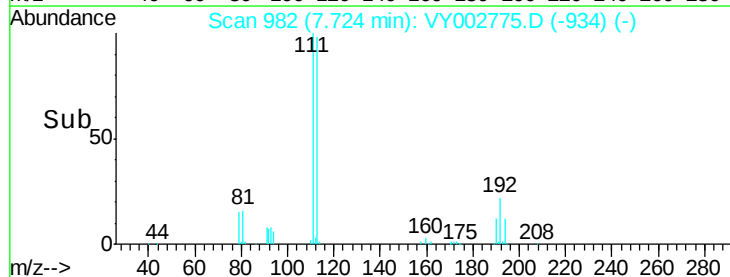
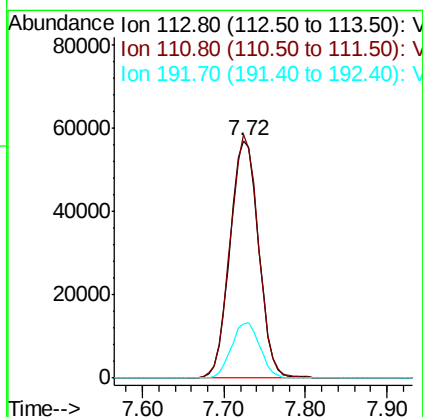
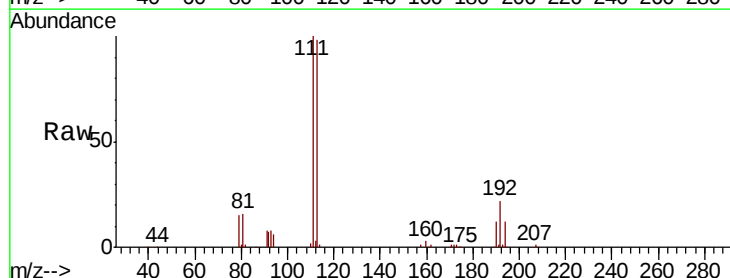
Instrument :
 MSVOA_Y
 ClientSampleId :
 RAMP-A-INFIELD-1

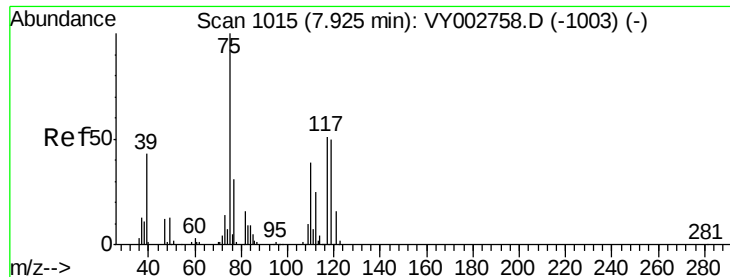
Tot Ion	114	Resp: Lower	445259 Upper
114	100		
63	17.4	0.0	35.2
88	14.9	0.0	29.2



#35
 Dibromofluoromethane
 Concen: 52.884 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002775.D
 Acq: 27 May 2020 19:40

Tgt	Ion:113	Resp:	137998
Ion	Ratio	Lower	Upper
113	100		
111	100.7	82.0	123.0
192	23.0	18.9	28.3





#36

1,1-Dichloropropene

Concen: 4.569 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.13 min

Lab File: VY002775.D

Acq: 27 May 2020 19:40

Instrument :

MSVOA_Y

ClientSampleId :

RAMP-A-INFIELD-1

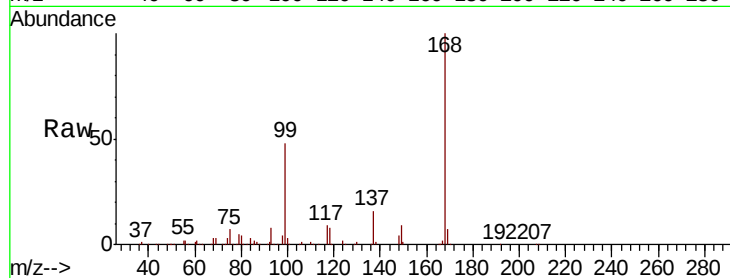
Tot Ion: 75 Resp: 17136

Ion Ratio Lower Upper

75 100

110 10.6 19.3 57.9#

77 0.0 24.8 37.2#



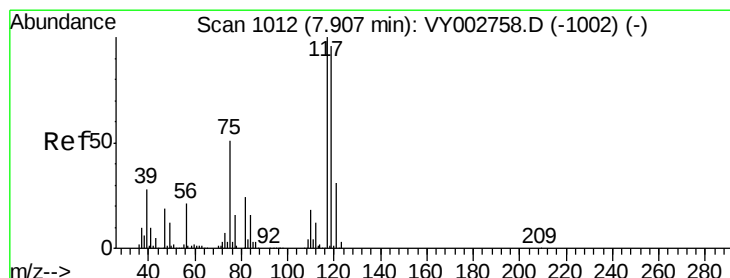
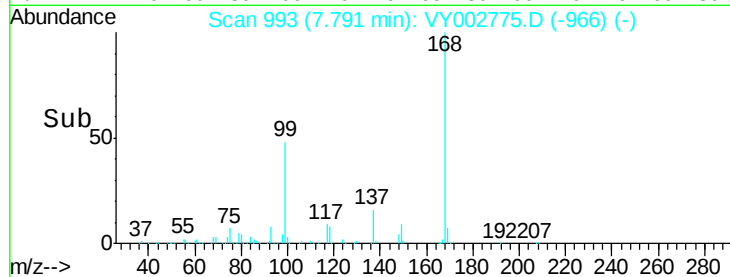
Abundance Ion 74.90 (74.60 to 75.60): VY002775.D (-966) (-)

Ion 109.90 (109.60 to 110.60): VY002775.D (-966) (-)

Ion 76.90 (76.60 to 77.60): VY002775.D (-966) (-)

7.79

Time-->



#38

Carbon Tetrachloride

Concen: 6.056 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY002775.D

Acq: 27 May 2020 19:40

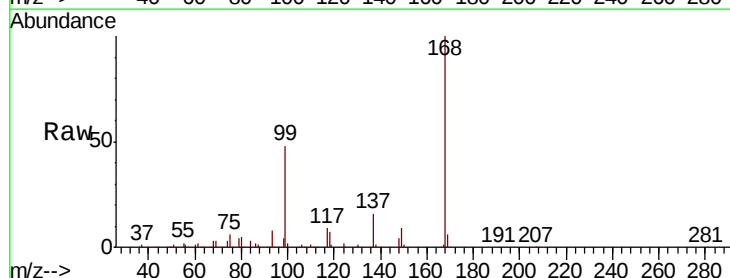
Tgt Ion: 117 Resp: 25235

Ion Ratio Lower Upper

117 100

119 7.9 76.8 115.2#

121 0.0 24.8 37.2#



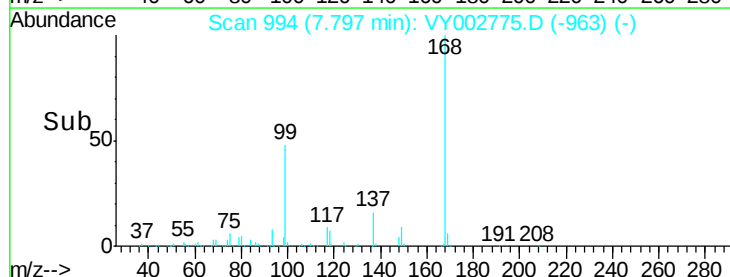
Abundance Ion 116.80 (116.50 to 117.50): VY002775.D (-963) (-)

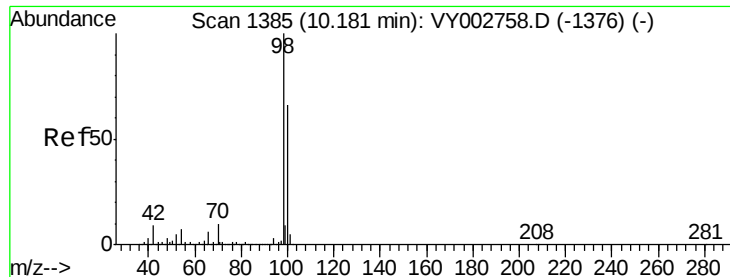
Ion 118.80 (118.50 to 119.50): VY002775.D (-963) (-)

Ion 120.80 (120.50 to 121.50): VY002775.D (-963) (-)

7.80

Time-->





#50

Toluene-d8

Concen: 49.829 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002775.D

Acq: 27 May 2020 19:40

Instrument :

MSVOA_Y

ClientSampleId :

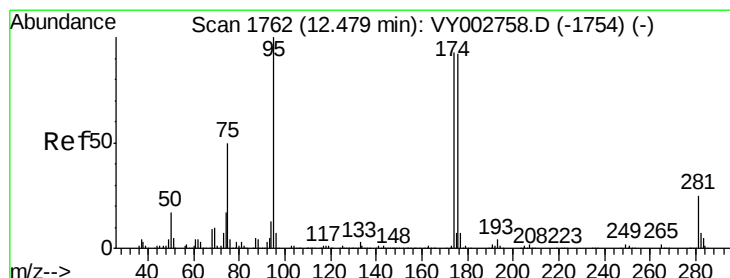
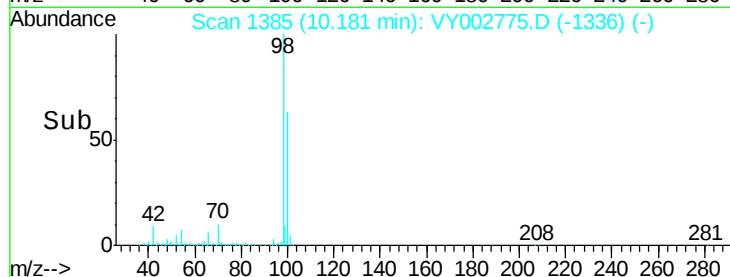
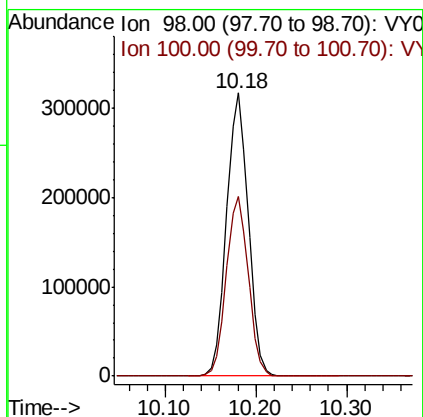
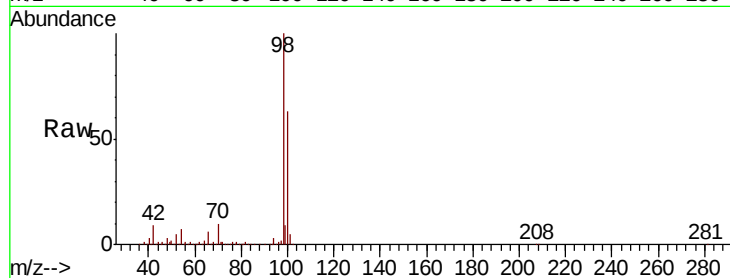
RAMP-A-INFELD-1

Tot Ion: 98 Resp: 525725

Ion Ratio Lower Upper

98 100

100 64.2 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 48.196 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002775.D

Acq: 27 May 2020 19:40

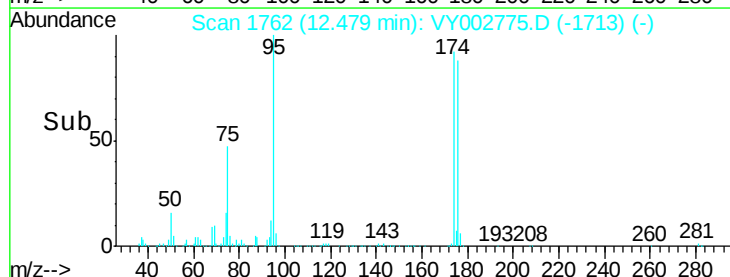
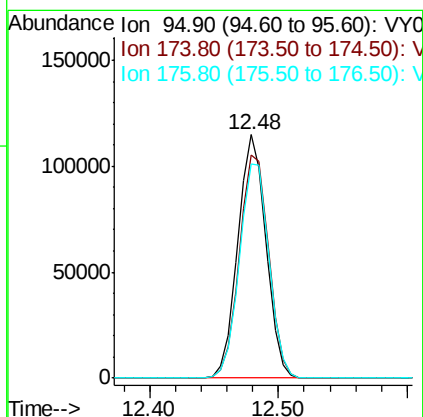
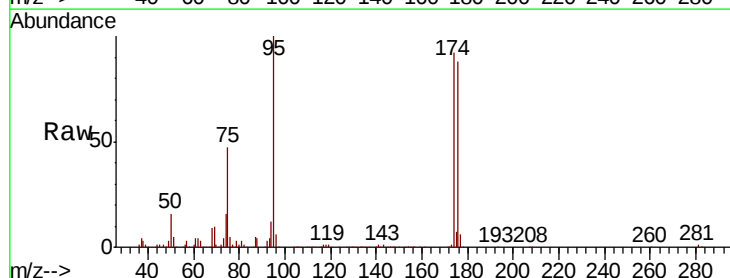
Tgt Ion: 95 Resp: 173780

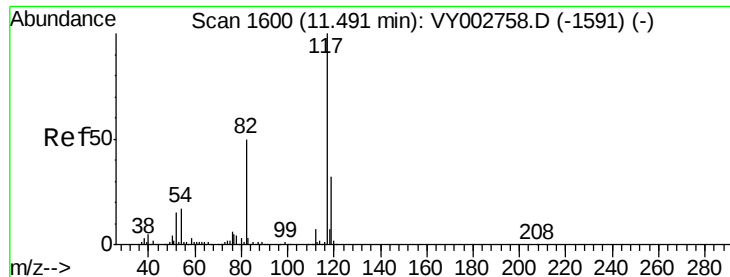
Ion Ratio Lower Upper

95 100

174 94.9 0.0 191.2

176 92.0 0.0 188.8

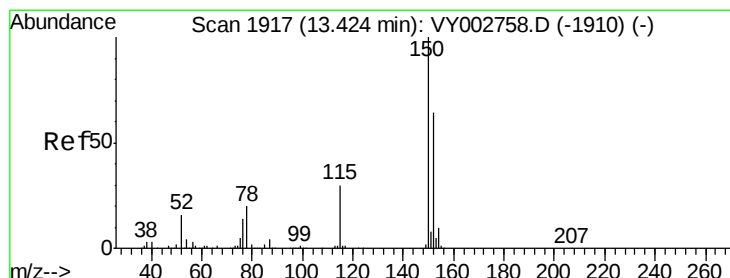
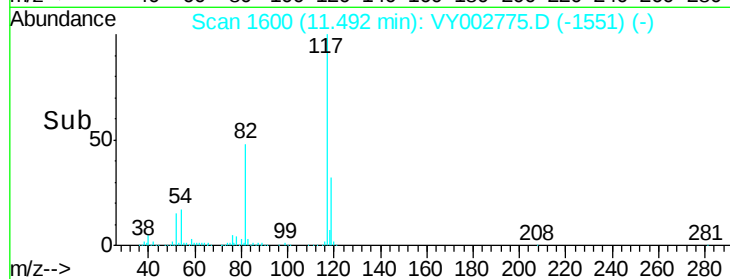
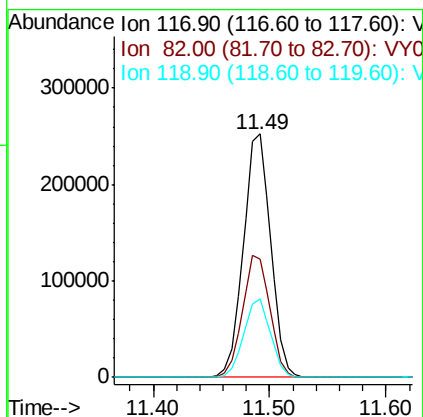
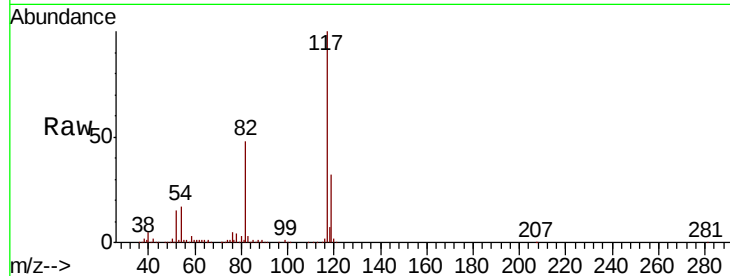




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002775.D
Acq: 27 May 2020 19:40

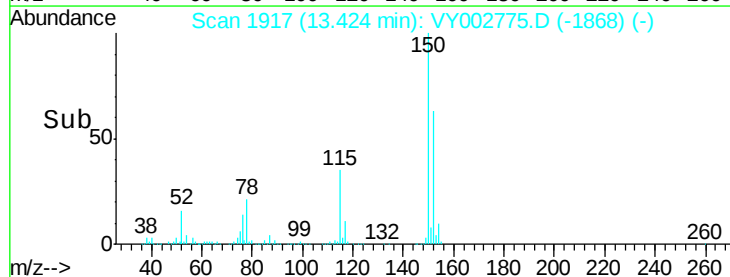
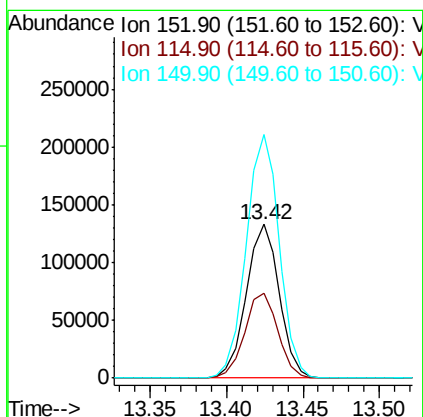
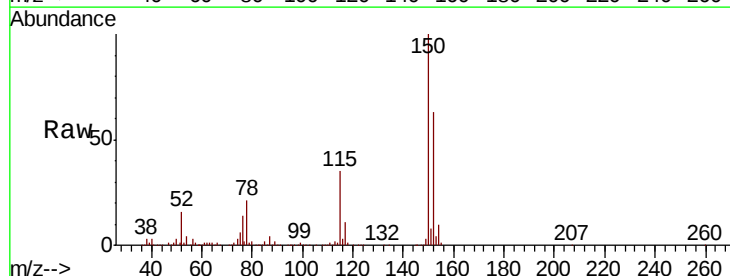
Instrument :
MSVOA_Y
ClientSampleId :
RAMP-A-INFIELD-1

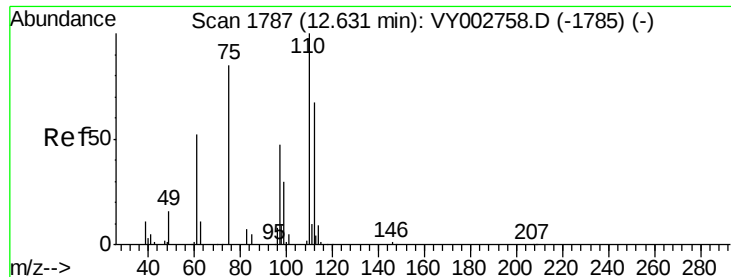
Tot Ion:117 Resp: 412804
Ion Ratio Lower Upper
117 100
82 48.4 40.2 60.4
119 32.0 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002775.D
Acq: 27 May 2020 19:40

Tgt Ion:152 Resp: 199337
Ion Ratio Lower Upper
152 100
115 55.2 27.0 81.0
150 158.7 0.0 344.8





#76

1,2,3-Trichloropropane

Concen: 45.577 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY002775.D

Acq: 27 May 2020 19:40

Instrument :

MSVOA_Y

ClientSampleId :

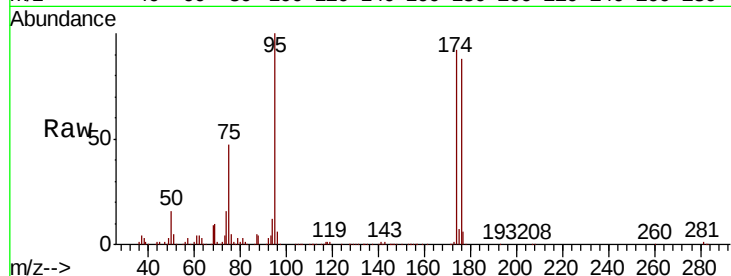
RAMP-A-INFELD-1

Tot Ion: 75 Resp: 81863

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0

60000

50000

40000

30000

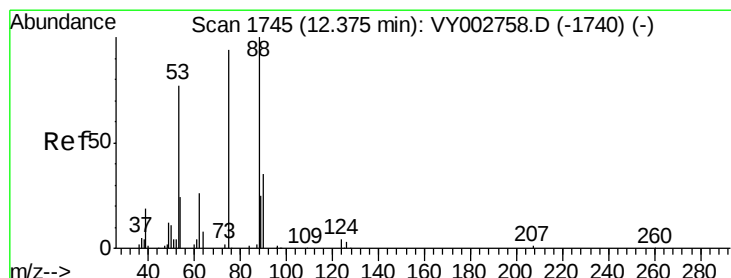
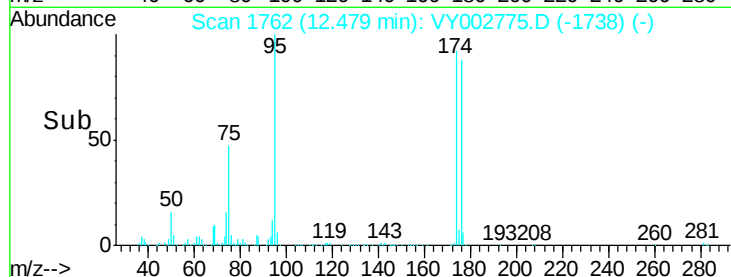
20000

10000

0

12.40 12.45 12.50 12.55

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 85.866 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002775.D

Acq: 27 May 2020 19:40

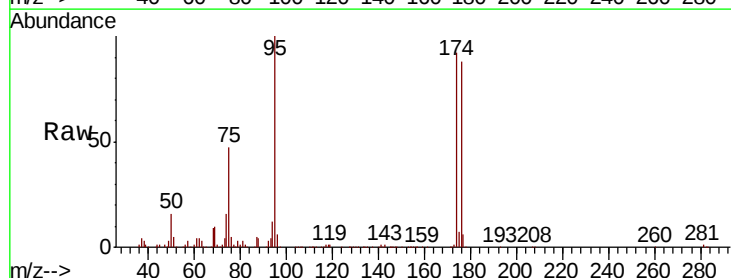
Tgt Ion: 75 Resp: 81863

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

60000

40000

20000

0

12.40 12.45 12.50 12.55

Time-->

