

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052720\
 Data File : VY002776.D
 Acq On : 27 May 2020 20:04
 Operator : SY/MD
 Sample : L2771-16
 Misc : 6.32G/5ML/MSVOA Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RAMP-A-INFIELD-2

Quant Time: May 28 04:45:45 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

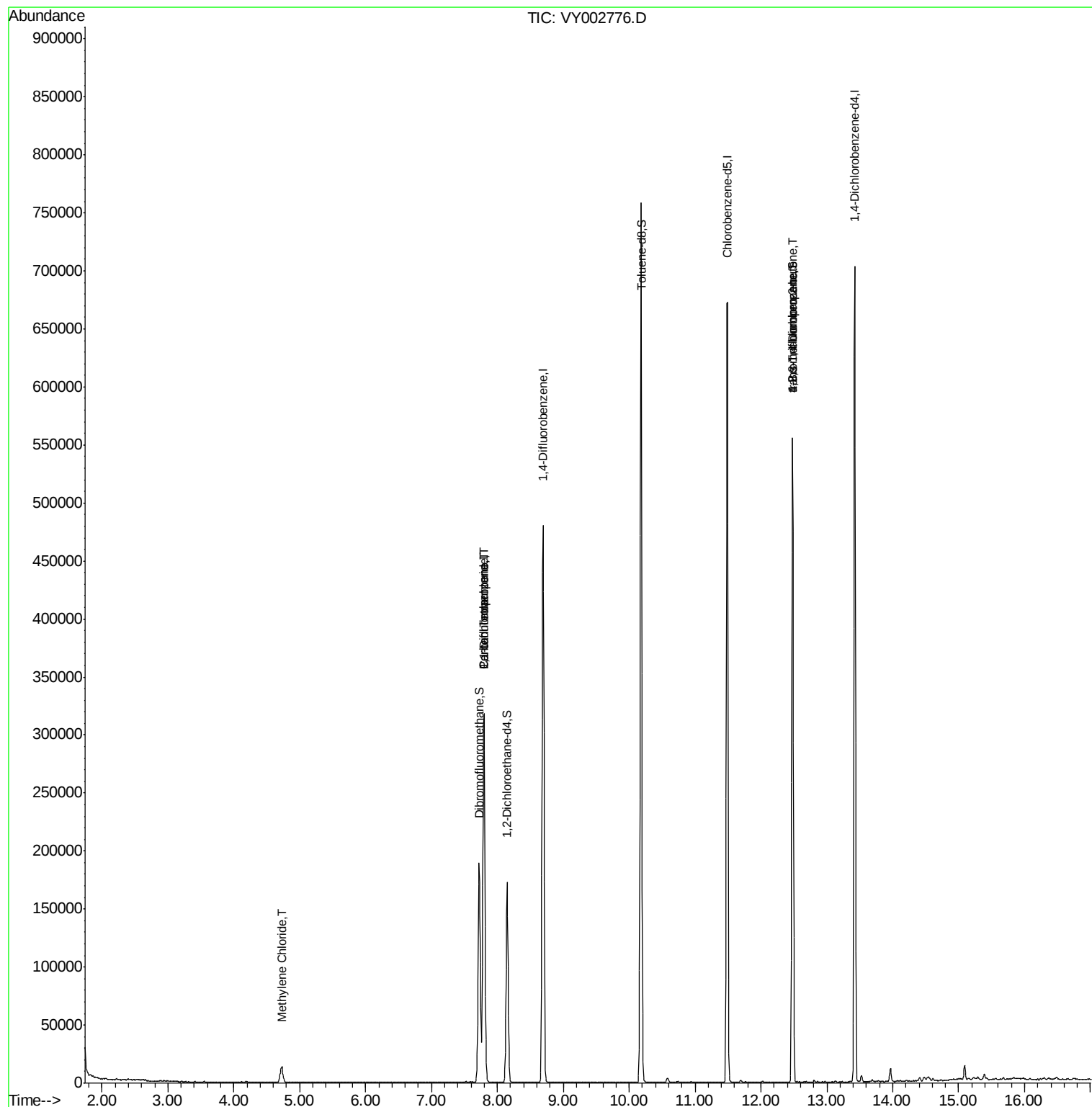
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	272059	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	435842	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	401082	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	193439	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	131992	55.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.76%	
35) Dibromofluoromethane	7.72	113	133393	52.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.44%	
50) Toluene-d8	10.18	98	508940	49.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.56%	
62) 4-Bromofluorobenzene	12.48	95	166506	47.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.36%	
Target Compounds						
18) Methyl Acetate	4.49	43	395	Below Cal	#	48
20) Methylene Chloride	4.73	84	10561	3.901	ug/l	95
36) 1,1-Dichloropropene	7.79	75	16931	4.612	ug/l #	49
38) Carbon Tetrachloride	7.79	117	23577	5.781	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	79296	45.494	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	79296	85.710	ug/l #	17

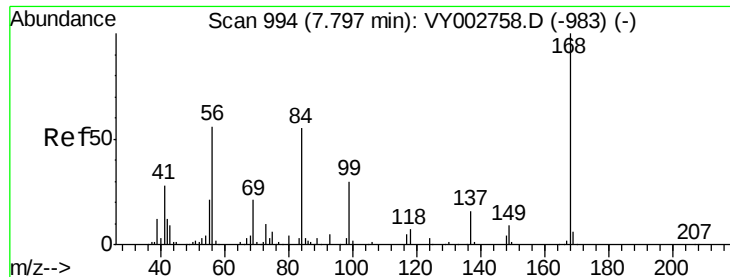
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002776.D

Acq: 27 May 2020 20:04

Instrument :

MSVOA_Y

ClientSampleId :

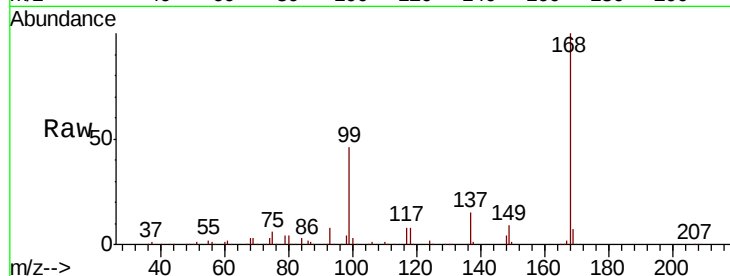
RAMP-A-INFIELD-2

Tot Ion:168 Resp: 272059

Ion Ratio Lower Upper

168 100

99 46.2 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002776.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002776.D (-945) (-)

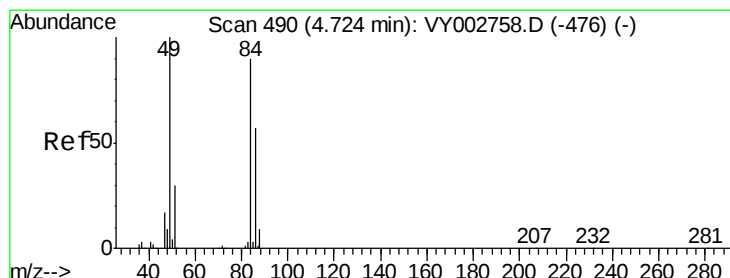
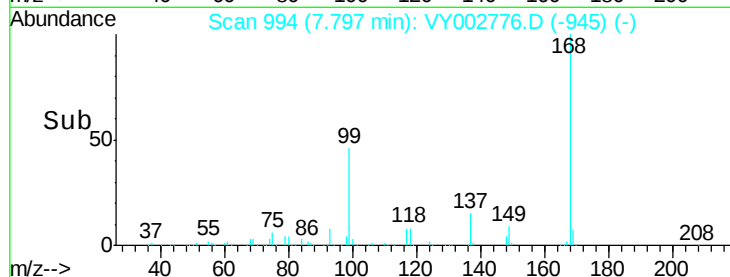
7.80

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 3.901 ug/l

RT: 4.73 min Scan# 491

Delta R.T. 0.01 min

Lab File: VY002776.D

Acq: 27 May 2020 20:04

Tgt Ion: 84 Resp: 10561

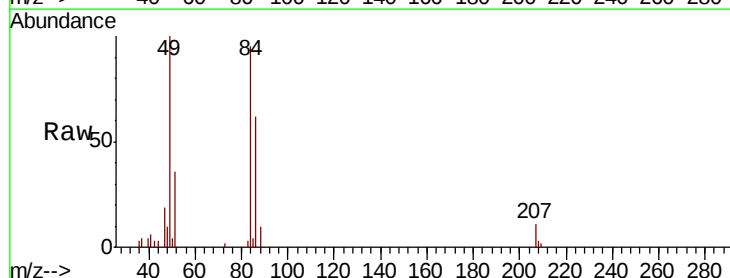
Ion Ratio Lower Upper

84 100

49 105.4 88.5 132.7

51 38.2 26.8 40.2

86 65.6 50.6 75.8



Abundance Ion 83.90 (83.60 to 84.60): VY002776.D (-441) (-)

Ion 48.90 (48.60 to 49.60): VY002776.D (-441) (-)

Ion 50.90 (50.60 to 51.60): VY002776.D (-441) (-)

Ion 85.90 (85.60 to 86.60): VY002776.D (-441) (-)

4.73

6000

5000

4000

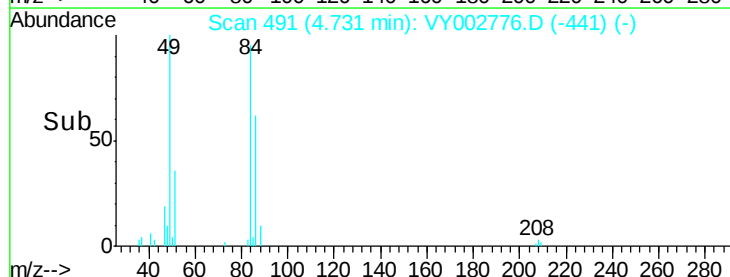
3000

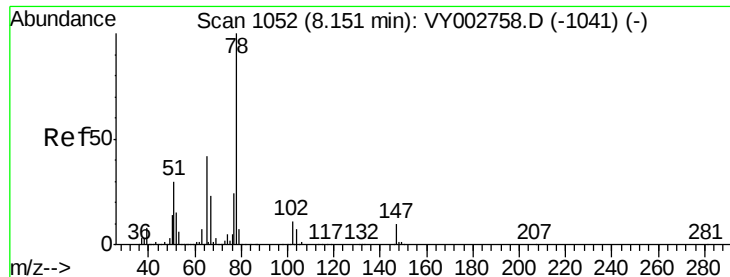
2000

1000

0

Time-->

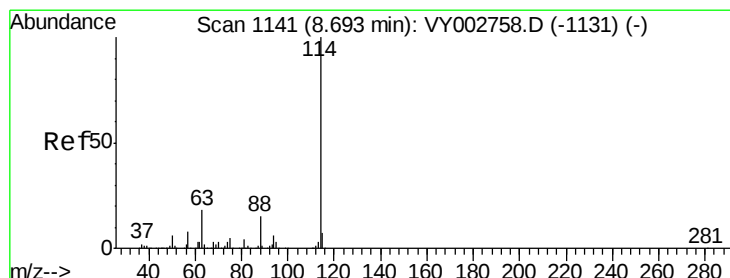
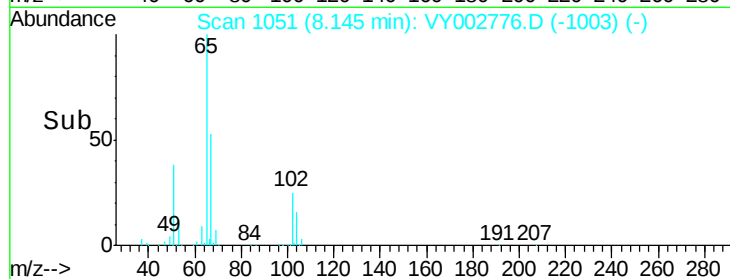
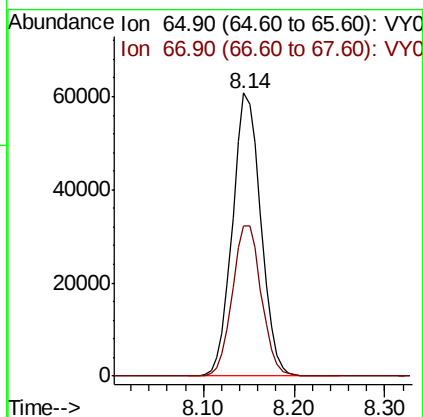
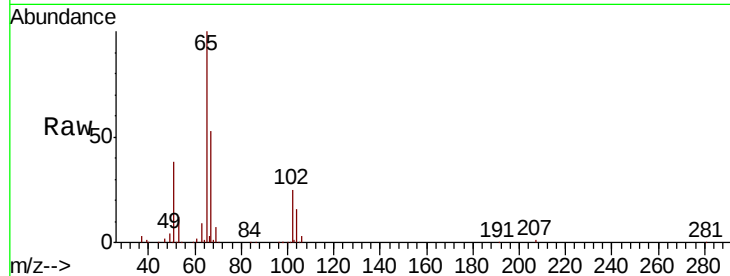




#33
 1,2-Dichloroethane-d4
 Concen: 55.876 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002776.D
 Acq: 27 May 2020 20:04

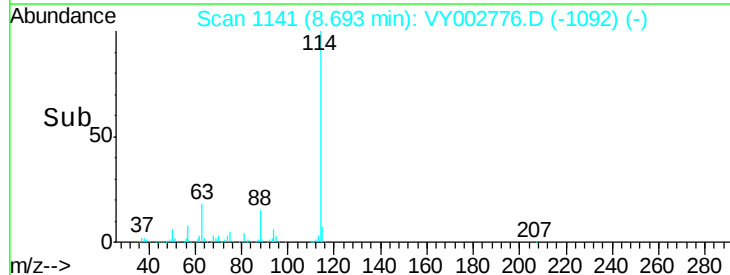
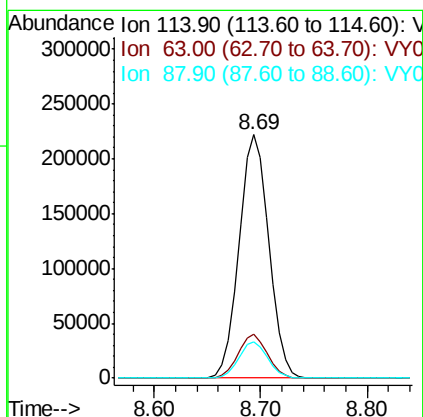
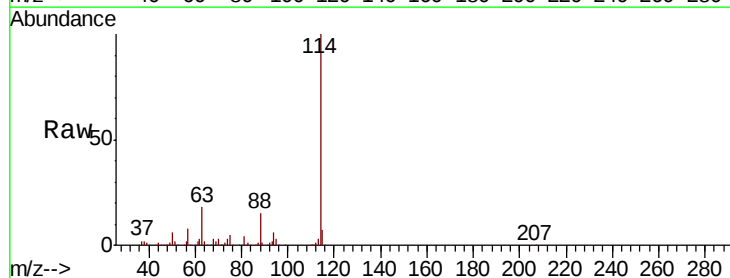
Instrument :
 MSVOA_Y
 ClientSampleId :
 RAMP-A-INFIELD-2

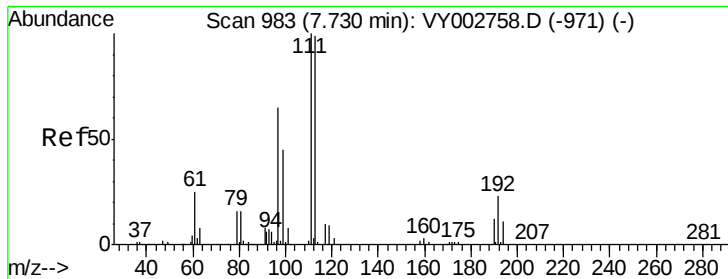
Tot Ion: 65 Resp: 131992
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002776.D
 Acq: 27 May 2020 20:04

Tgt Ion: 114 Resp: 435842
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 35.2
 88 14.7 0.0 29.2

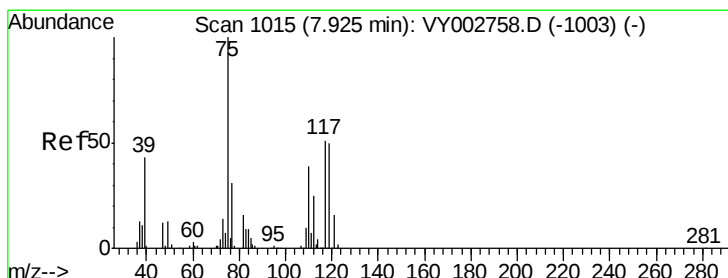
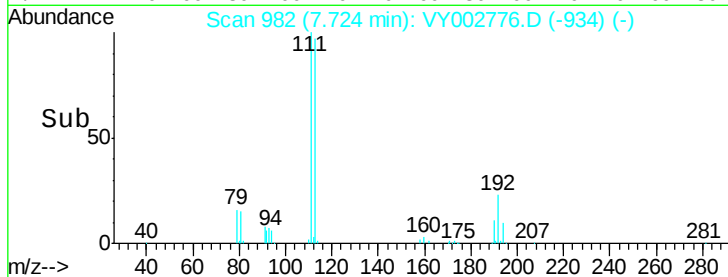
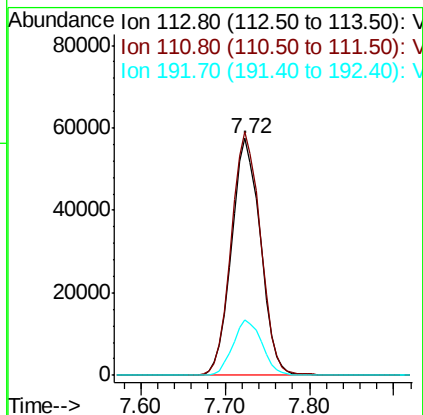
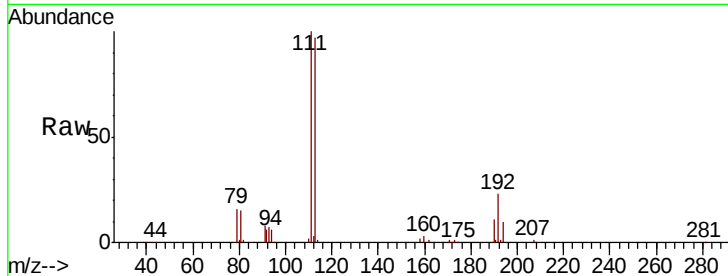




#35
 Dibromofluoromethane
 Concen: 52.224 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002776.D
 Acq: 27 May 2020 20:04

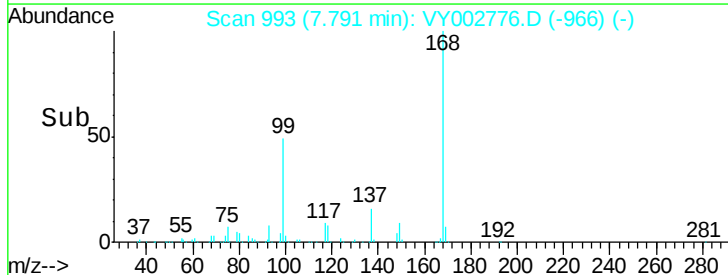
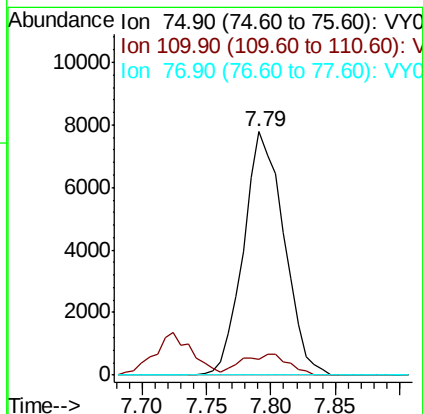
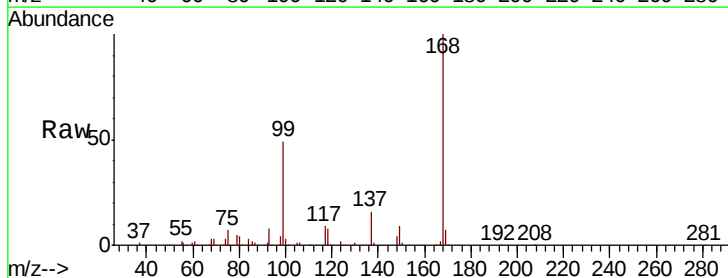
Instrument :
 MSVOA_Y
 ClientSampleId :
 RAMP-A-INFIELD-2

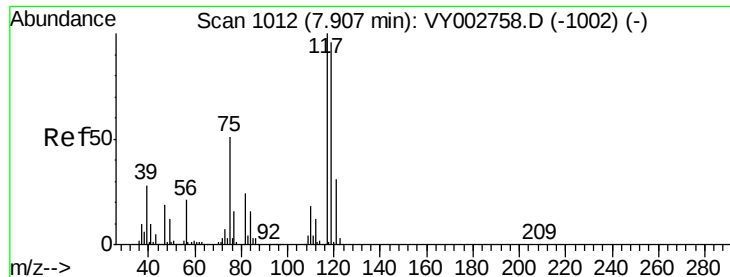
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.0	123.0
192	23.4	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 4.612 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VY002776.D
 Acq: 27 May 2020 20:04

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.0	19.3	57.9#
77	0.0	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 5.781 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.12 min

Lab File: VY002776.D

Acq: 27 May 2020 20:04

Instrument :

MSVOA_Y

ClientSampleId :

RAMP-A-INFELD-2

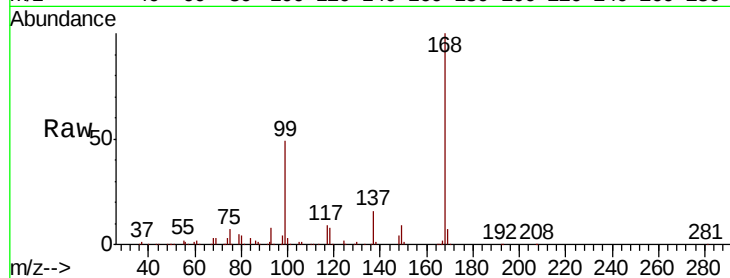
Tot Ion:117 Resp: 23577

Ion Ratio Lower Upper

117 100

119 5.0 76.8 115.2#

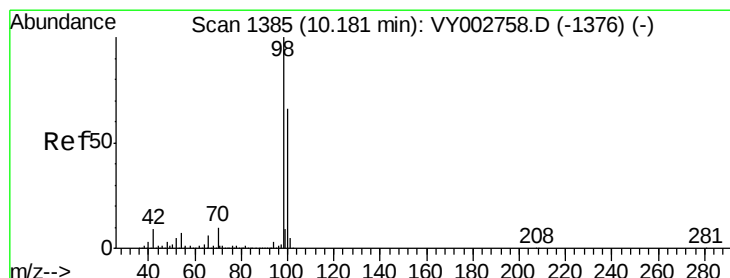
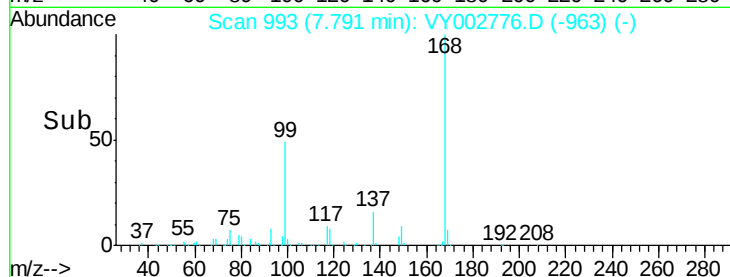
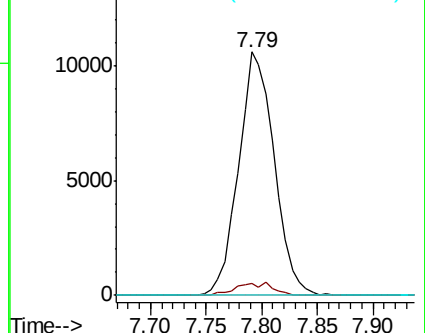
121 0.0 24.8 37.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 49.280 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002776.D

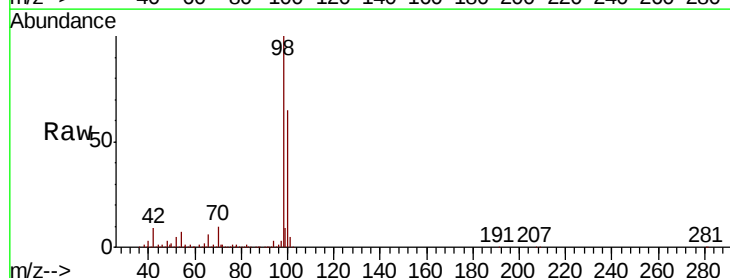
Acq: 27 May 2020 20:04

Tgt Ion: 98 Resp: 508940

Ion Ratio Lower Upper

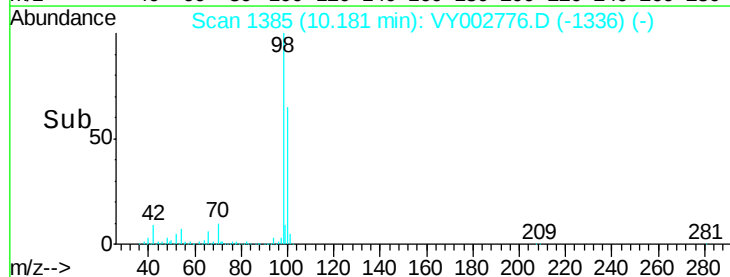
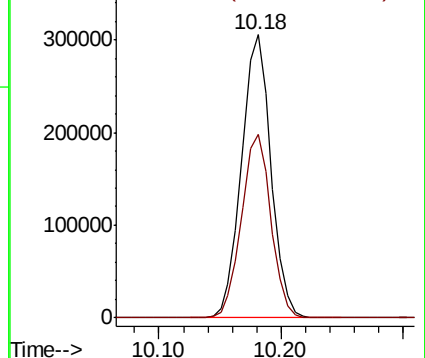
98 100

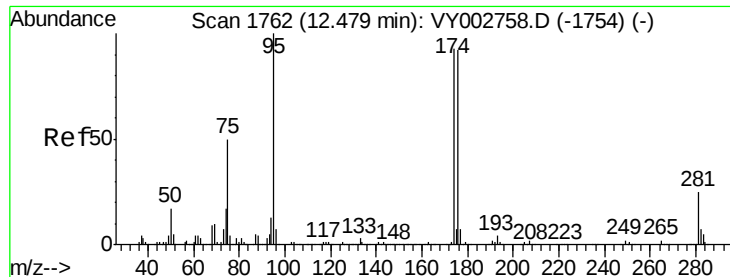
100 64.9 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 47.176 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002776.D

Acq: 27 May 2020 20:04

Instrument :

MSVOA_Y

ClientSampled :

RAMP-A-INFIELD-2

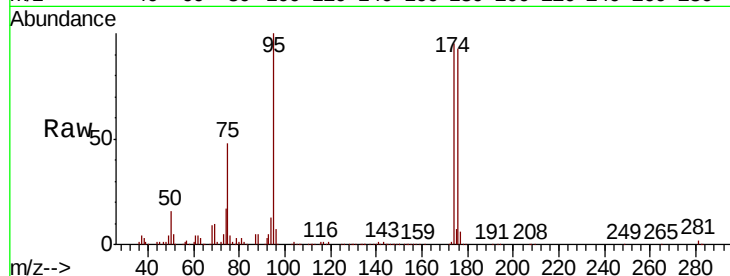
Tot Ion: 95 Resp: 166506

Ion Ratio Lower Upper

95 100

174 96.1 0.0 191.2

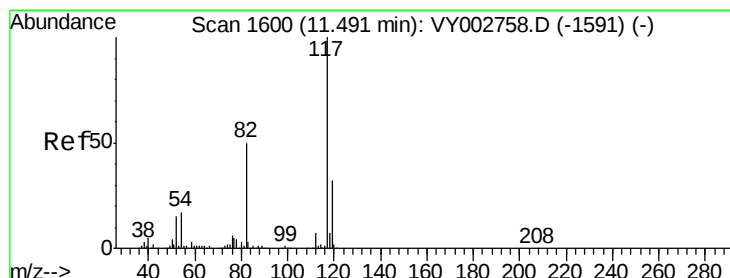
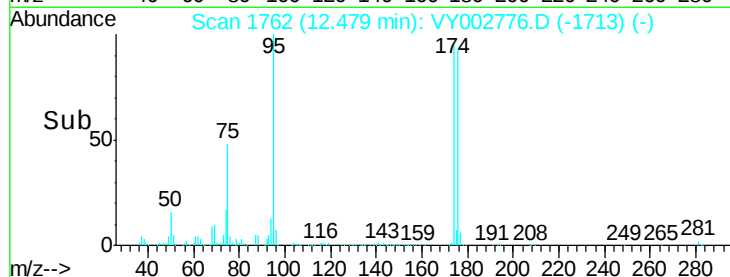
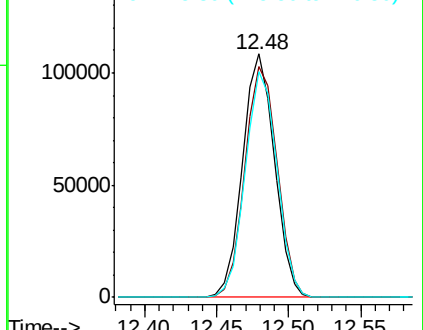
176 92.0 0.0 188.8



Abundance Ion 94.90 (94.60 to 95.60): VY002776.D (-1713) (-)

Ion 173.80 (173.50 to 174.50): VY002776.D (-1713) (-)

Ion 175.80 (175.50 to 176.50): VY002776.D (-1713) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY002776.D

Acq: 27 May 2020 20:04

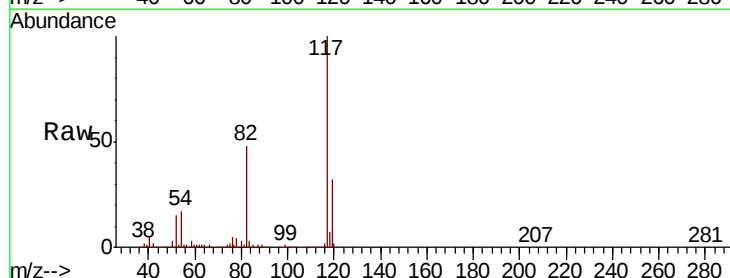
Tgt Ion: 117 Resp: 401082

Ion Ratio Lower Upper

117 100

82 48.2 40.2 60.4

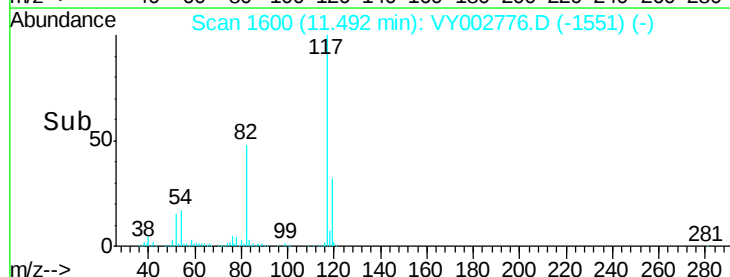
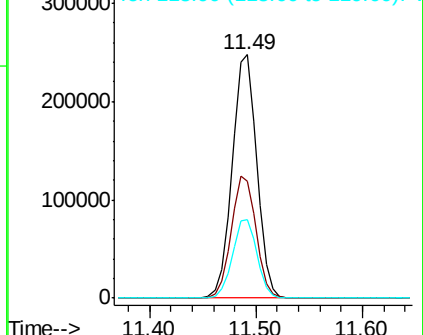
119 32.0 25.8 38.8

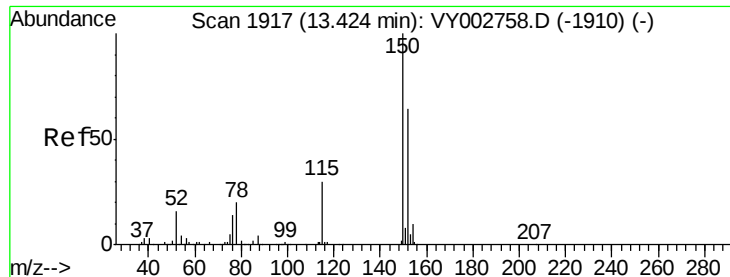


Abundance Ion 116.90 (116.60 to 117.60): VY002776.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY002776.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY002776.D (-1551) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY002776.D

Acq: 27 May 2020 20:04

Instrument :

MSVOA_Y

ClientSampleId :

RAMP-A-INFIELD-2

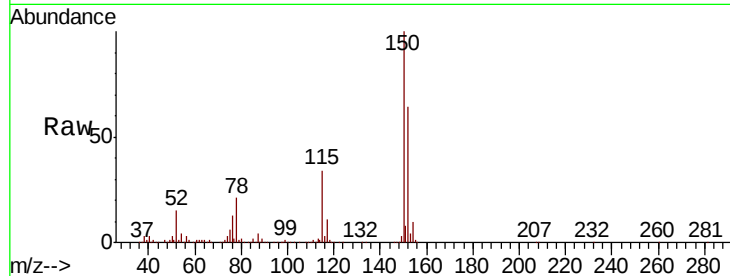
Tot Ion:152 Resp: 193439

Ion Ratio Lower Upper

152 100

115 53.7 27.0 81.0

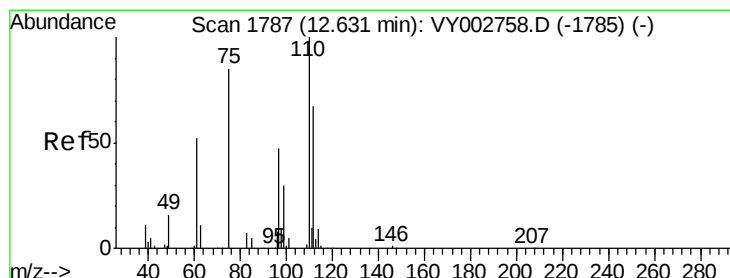
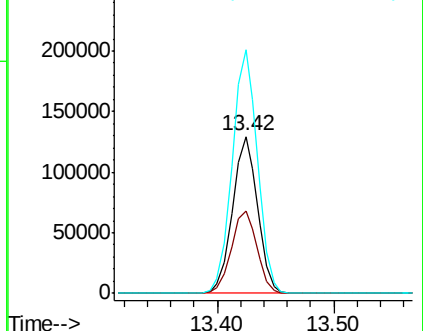
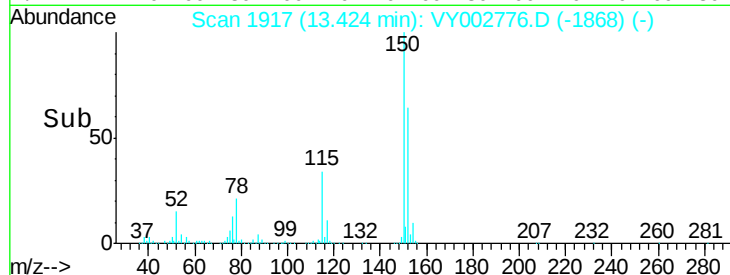
150 156.3 0.0 344.8



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: 45.494 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY002776.D

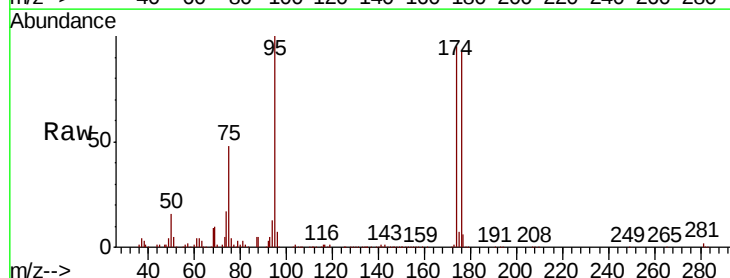
Acq: 27 May 2020 20:04

Tgt Ion: 75 Resp: 79296

Ion Ratio Lower Upper

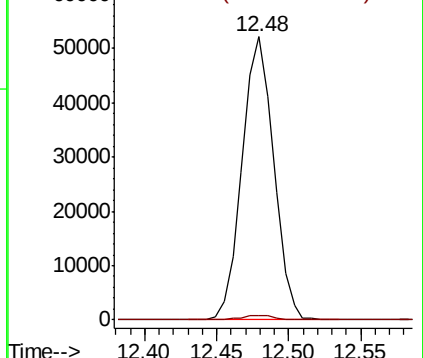
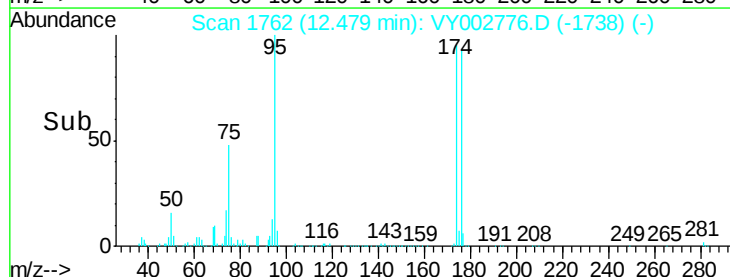
75 100

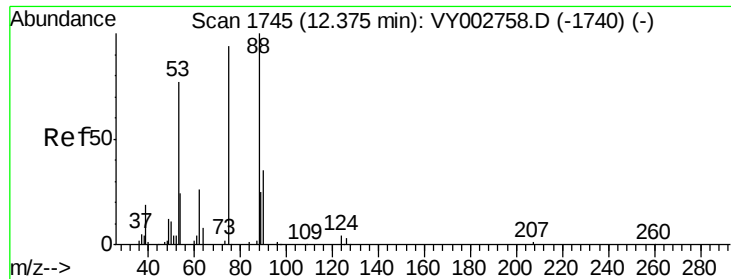
77 1.6 0.0 0.0#



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: 85.710 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002776.D

Acq: 27 May 2020 20:04

Instrument :

MSVOA_Y

ClientSampleId :

RAMP-A-INFIELD-2

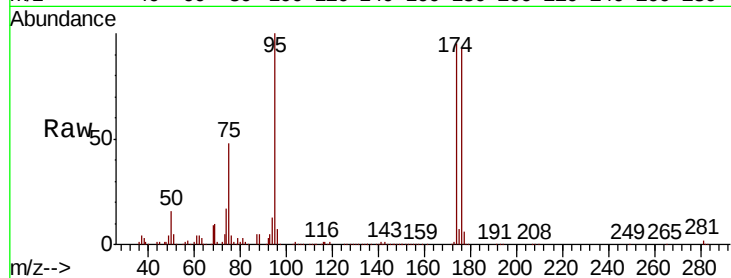
Tot Ion: 75 Resp: 79296

Ion Ratio Lower Upper

75 100

53 0.0 64.0 96.0#

89 0.0 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

