

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052720\
 Data File : VY002774.D
 Acq On : 27 May 2020 19:16
 Operator : SY/MD
 Sample : L2771-12
 Misc : 5.90G/5ML/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: May 28 04:45:16 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

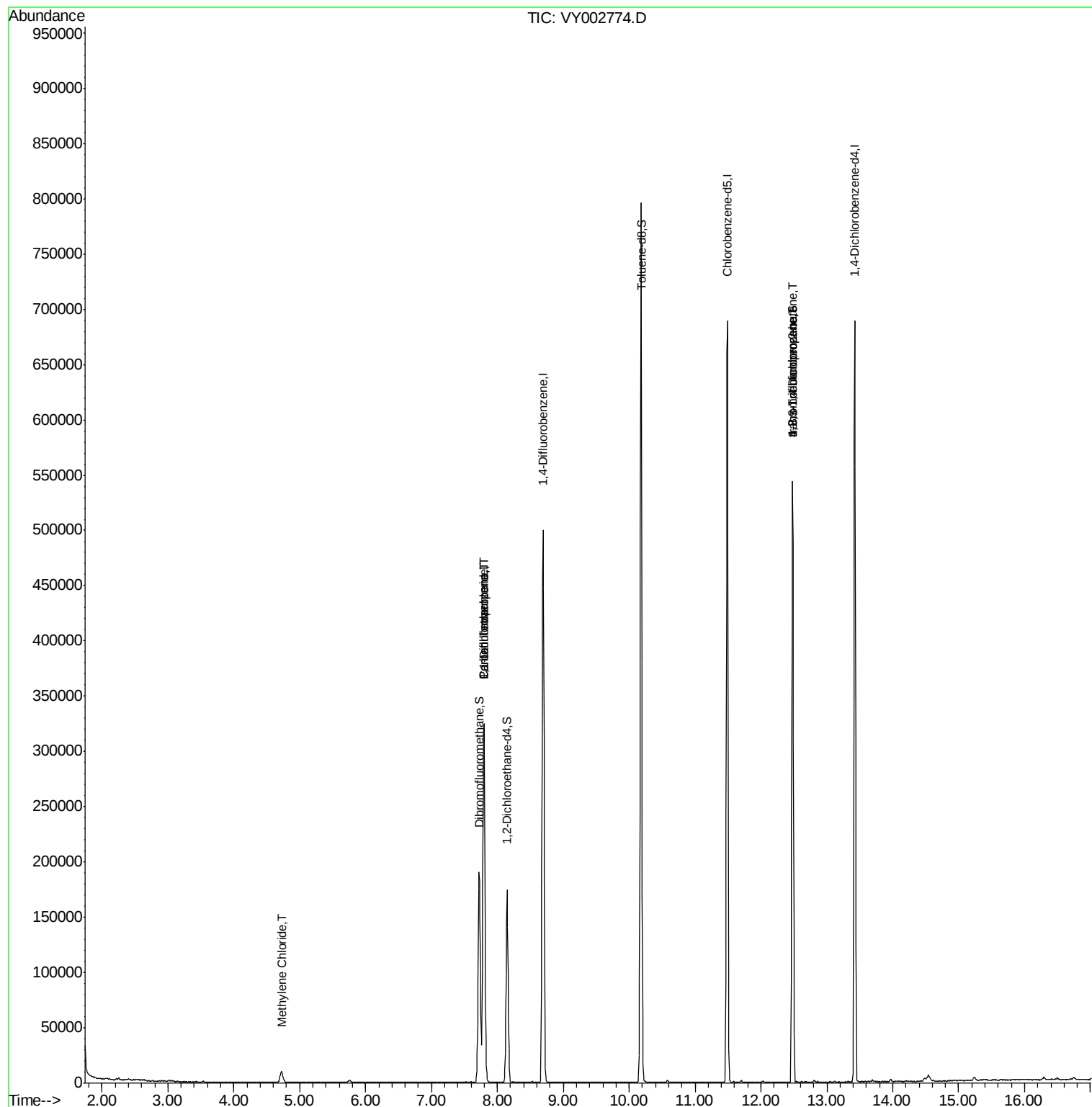
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	284307	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	451901	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	406319	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	185464	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	133567	54.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.22%	
35) Dibromofluoromethane	7.72	113	137125	51.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.56%	
50) Toluene-d8	10.18	98	532728	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.50%	
62) 4-Bromofluorobenzene	12.48	95	166846	45.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.18%	
Target Compounds						
18) Methyl Acetate	4.48	43	144	Below Cal	#	48
20) Methylene Chloride	4.72	84	7869	2.782	ug/l	96
36) 1,1-Dichloropropene	7.79	75	17161	4.508	ug/l #	49
38) Carbon Tetrachloride	7.80	117	25269	5.975	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	79501	47.573	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	79501	89.627	ug/l #	17

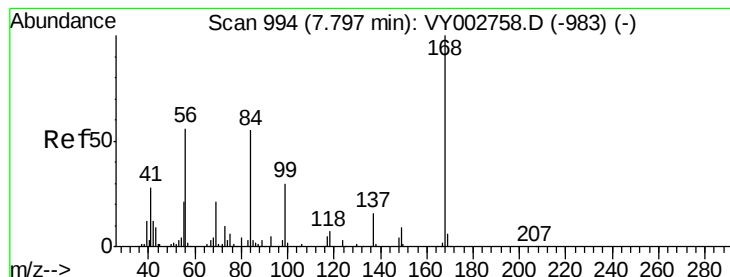
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 28 04:45:16 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
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: VY002774.D

Acq: 27 May 2020 19:16

Instrument :

MSVOA_Y

ClientSampleId :

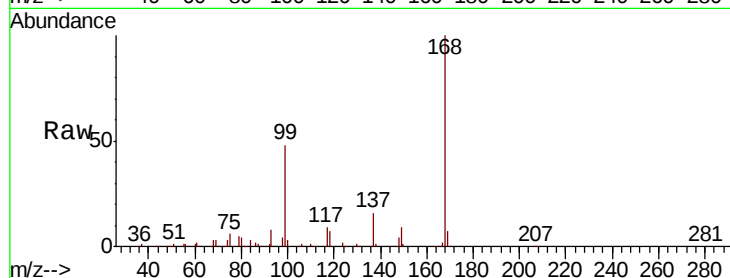
RAMP-B-INFIELD-2

Tot Ion:168 Resp: 284307

Ion Ratio Lower Upper

168 100

99 48.0 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002774.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002774.D (-945) (-)

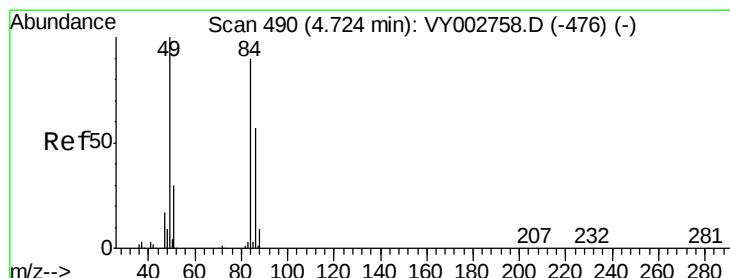
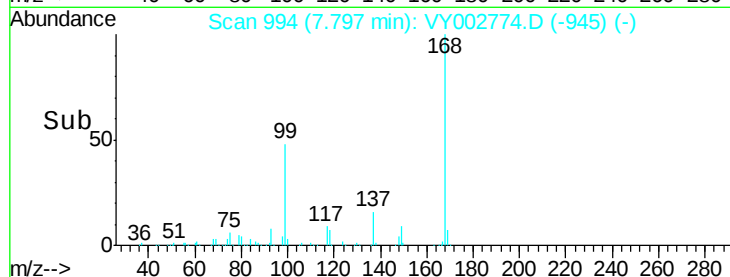
7.80

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 2.782 ug/l

RT: 4.72 min Scan# 489

Delta R.T. -0.01 min

Lab File: VY002774.D

Acq: 27 May 2020 19:16

Tgt Ion: 84 Resp: 7869

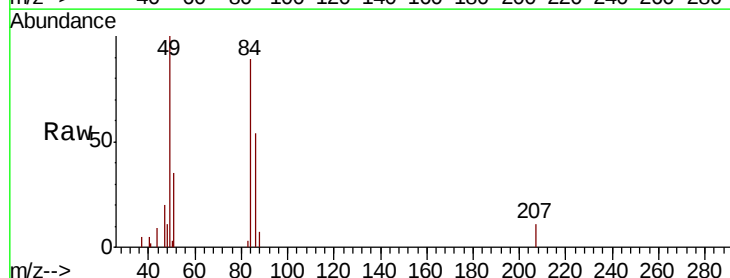
Ion Ratio Lower Upper

84 100

49 112.8 88.5 132.7

51 40.0 26.8 40.2

86 60.7 50.6 75.8



Abundance Ion 83.90 (83.60 to 84.60): VY002774.D (-441) (-)

Ion 48.90 (48.60 to 49.60): VY002774.D (-441) (-)

Ion 50.90 (50.60 to 51.60): VY002774.D (-441) (-)

Ion 85.90 (85.60 to 86.60): VY002774.D (-441) (-)

4.72

4000

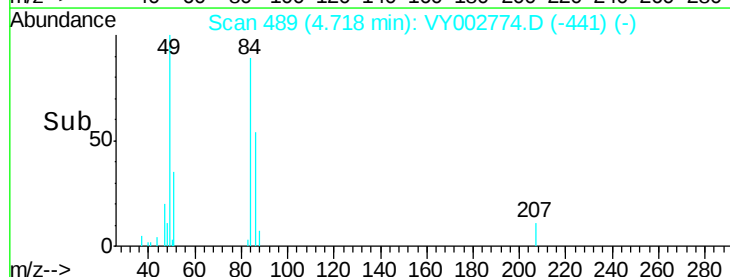
3000

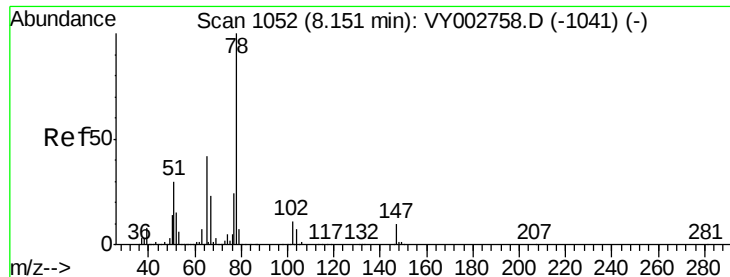
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 54.107 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VY002774.D

Acq: 27 May 2020 19:16

Instrument :

MSVOA_Y

ClientSampleId :

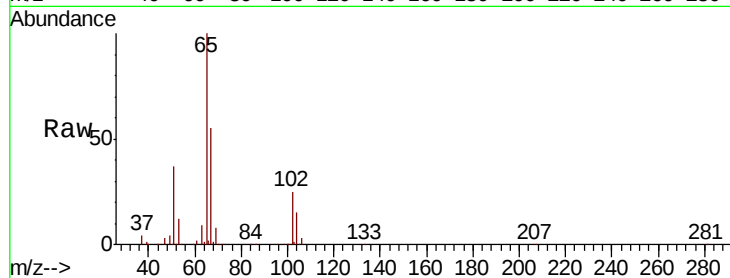
RAMP-B-INFIELD-2

Tot Ion: 65 Resp: 133567

Ion Ratio Lower Upper

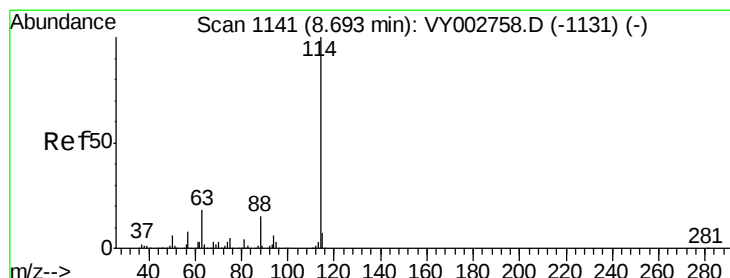
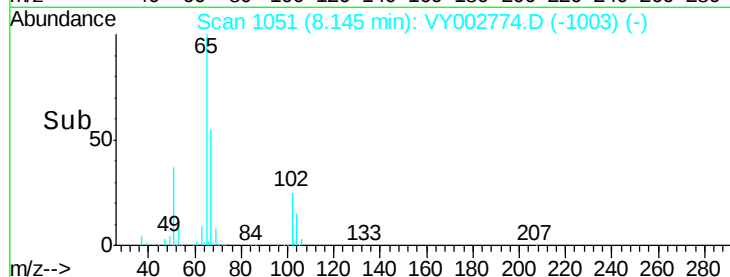
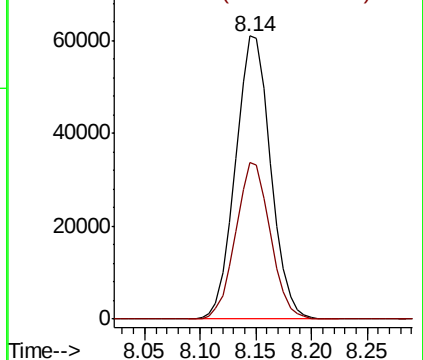
65 100

67 54.7 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: VY002774.D

Acq: 27 May 2020 19:16

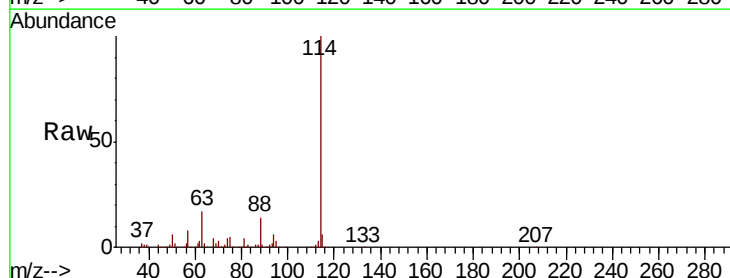
Tgt Ion: 114 Resp: 451901

Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.2

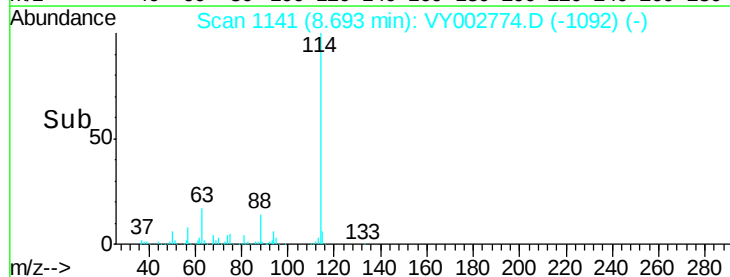
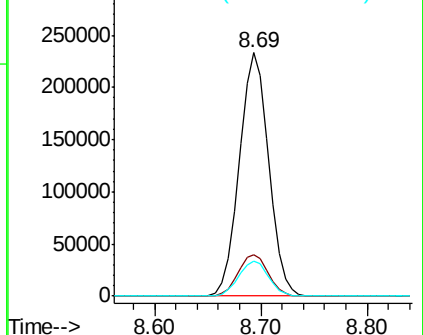
88 14.4 0.0 29.2

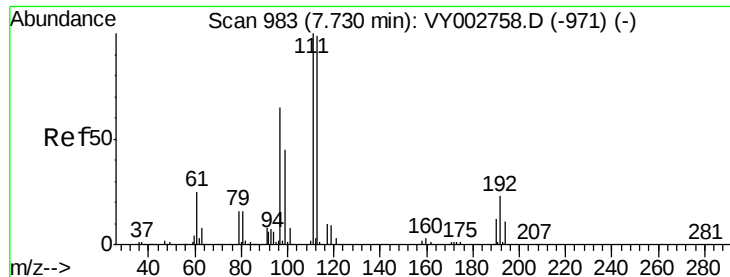


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

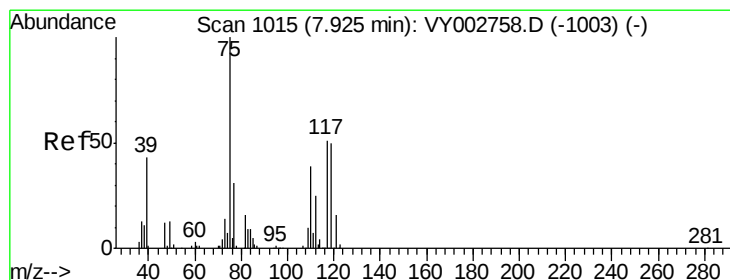
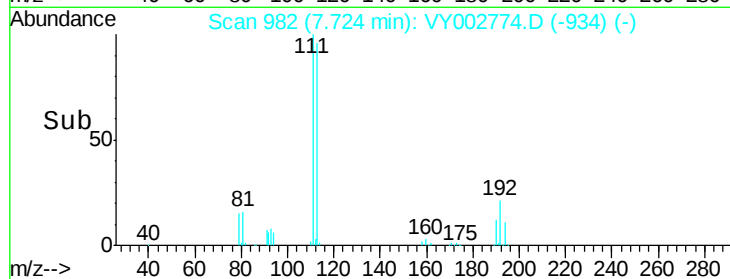
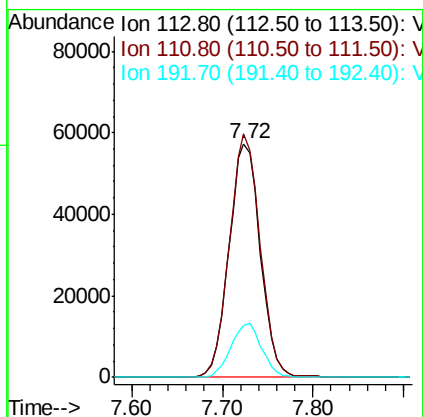
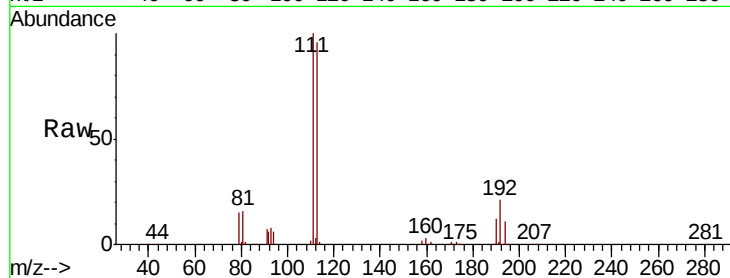




#35
 Dibromofluoromethane
 Concen: 51.777 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002774.D
 Acq: 27 May 2020 19:16

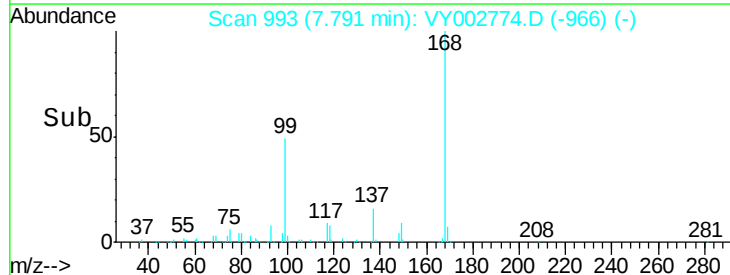
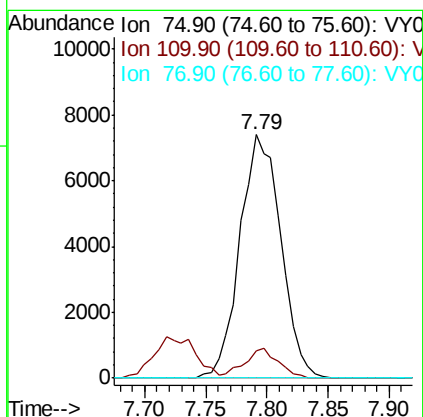
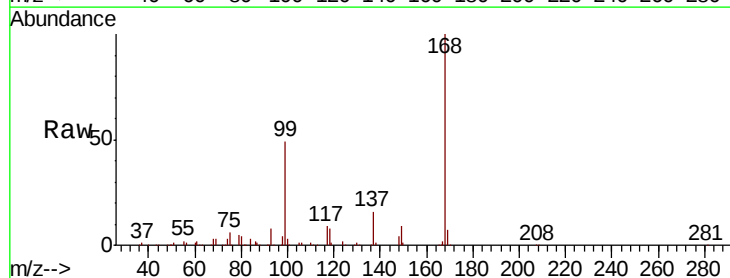
Instrument :
 MSVOA_Y
 ClientSampleId :
 RAMP-B-INFIELD-2

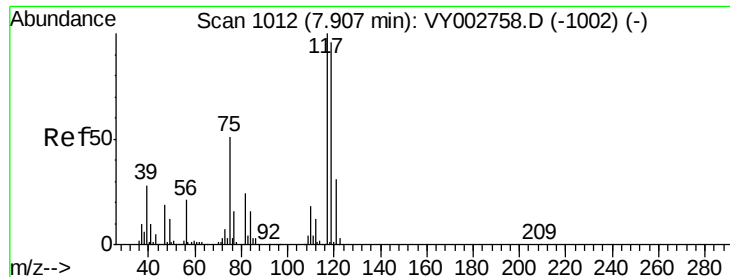
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.0	123.0
192	22.8	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 4.508 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VY002774.D
 Acq: 27 May 2020 19:16

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.3	19.3	57.9#
77	0.0	24.8	37.2#

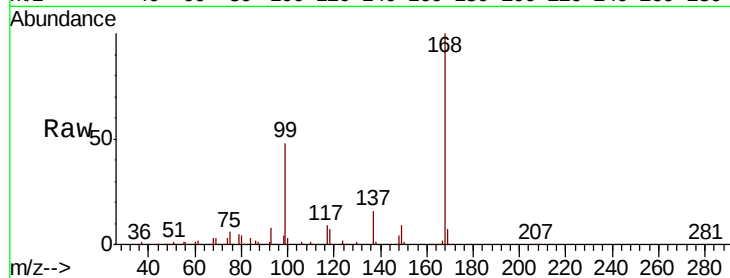




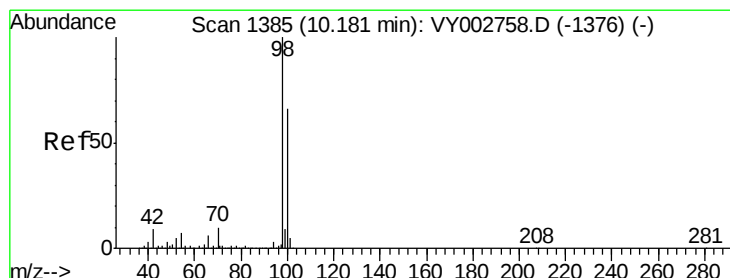
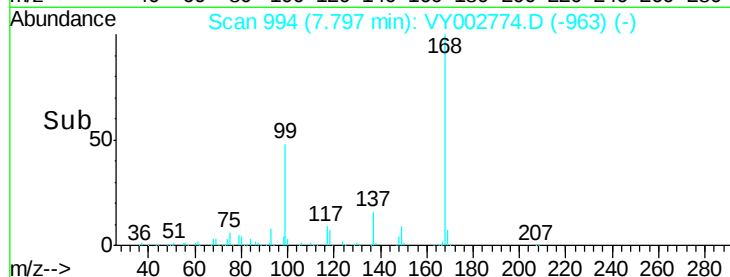
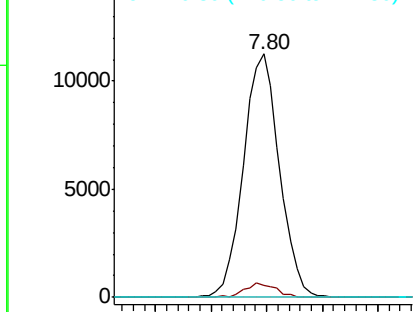
#38
Carbon Tetrachloride
Concen: 5.975 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.11 min
Lab File: VY002774.D
Acq: 27 May 2020 19:16

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

Tot Ion:117 Resp: 25269
Ion Ratio Lower Upper
117 100
119 4.9 76.8 115.2#
121 0.0 24.8 37.2#

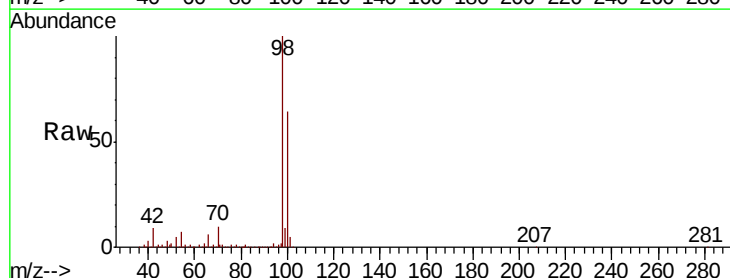


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

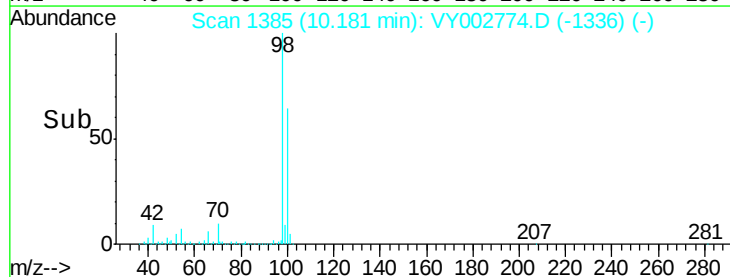
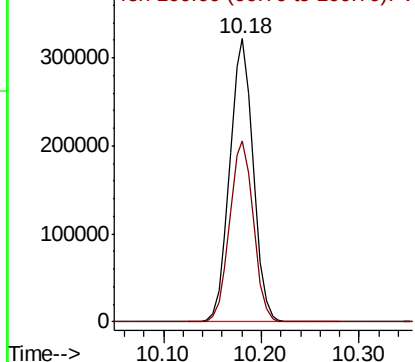


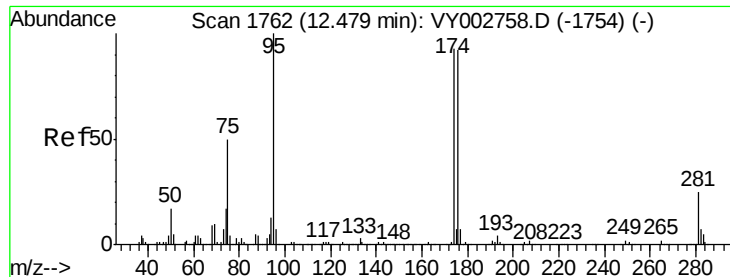
#50
Toluene-d8
Concen: 49.750 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002774.D
Acq: 27 May 2020 19:16

Tgt Ion: 98 Resp: 532728
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0

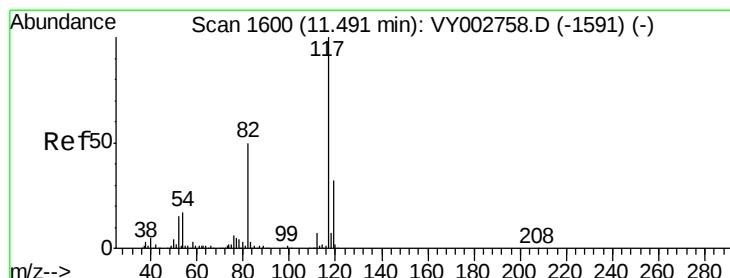
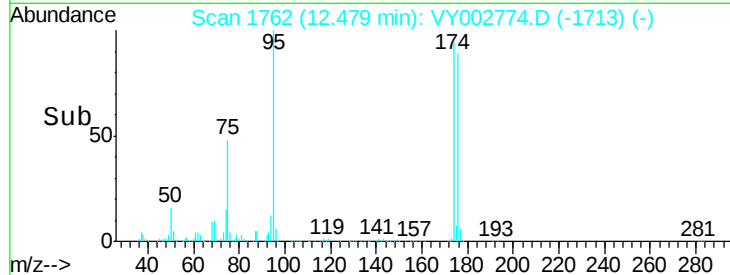
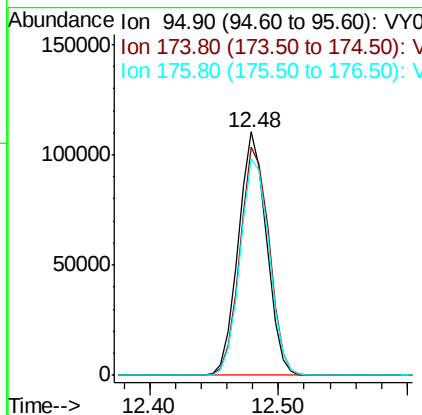
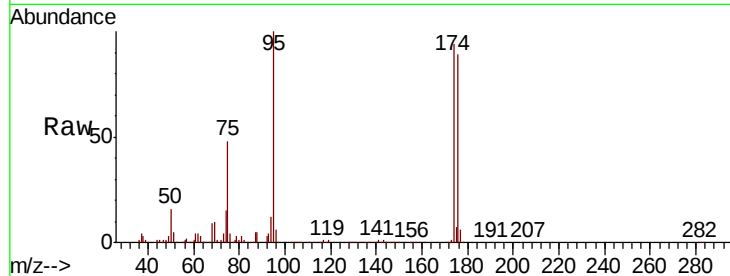




#62
4-Bromofluorobenzene
Concen: 45.593 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY002774.D
Acq: 27 May 2020 19:16

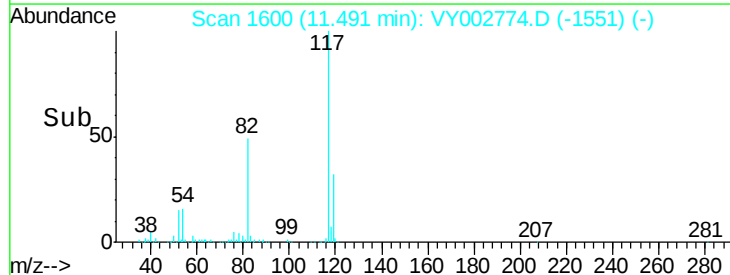
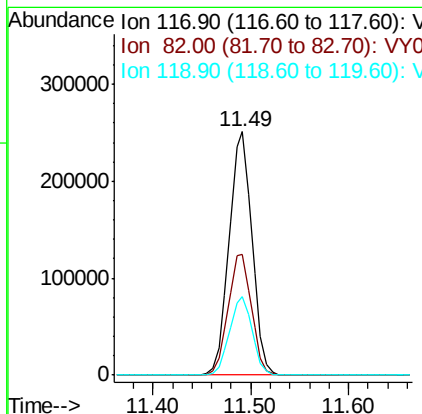
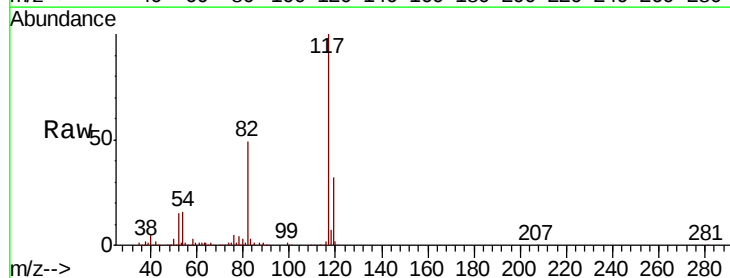
Instrument :
MSVOA_Y
ClientSampleId :
RAMP-B-INFIELD-2

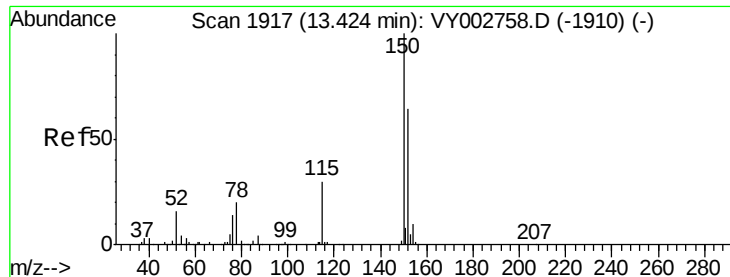
Tot Ion	95	Resp	166846
Ion Ratio	Lower	Upper	
95	100		
174	96.4	0.0	191.2
176	91.8	0.0	188.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002774.D
Acq: 27 May 2020 19:16

Tgt Ion	117	Resp	406319
Ion Ratio	Lower	Upper	
117	100		
82	49.4	40.2	60.4
119	32.5	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: VY002774.D

Acq: 27 May 2020 19:16

Instrument :

MSVOA_Y

ClientSampleId :

RAMP-B-INFIELD-2

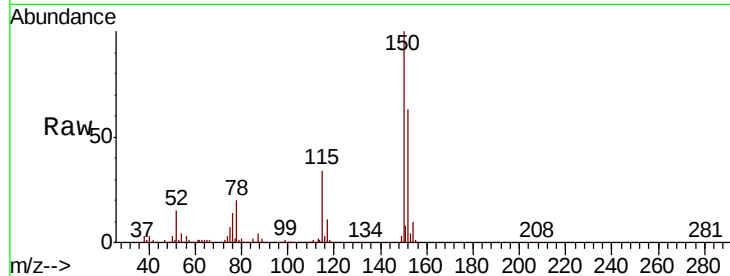
Tot Ion:152 Resp: 185464

Ion Ratio Lower Upper

152 100

115 54.3 27.0 81.0

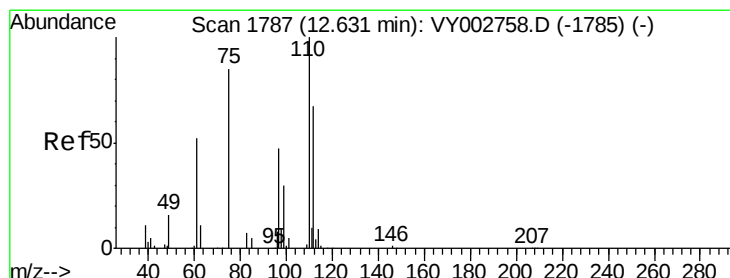
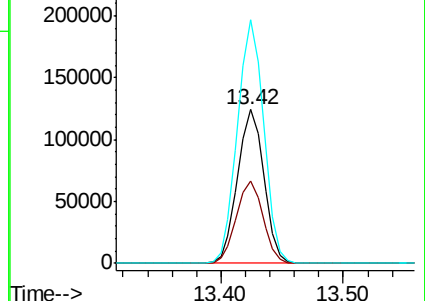
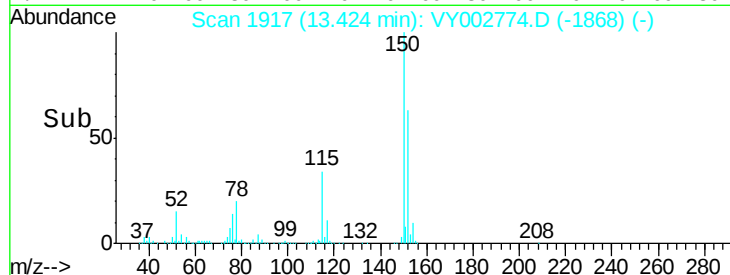
150 158.0 0.0 344.8



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: 47.573 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY002774.D

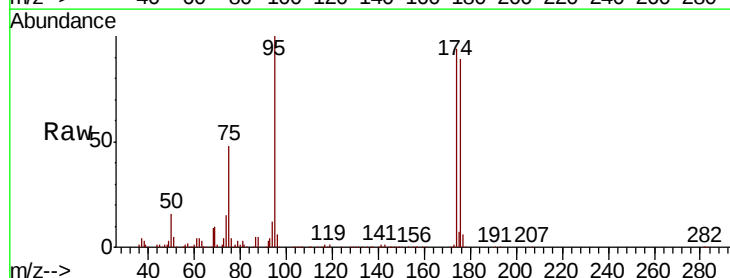
Acq: 27 May 2020 19:16

Tgt Ion: 75 Resp: 79501

Ion Ratio Lower Upper

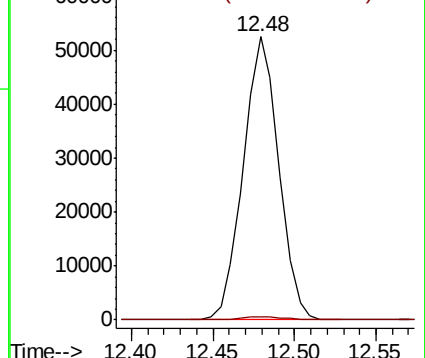
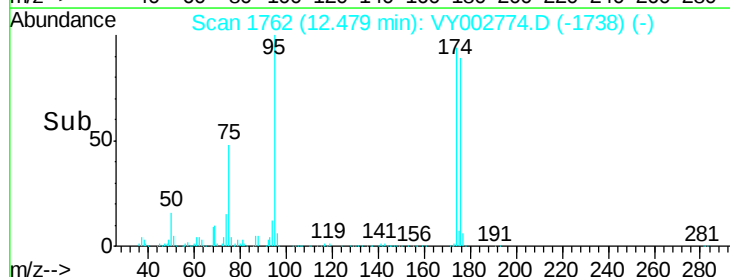
75 100

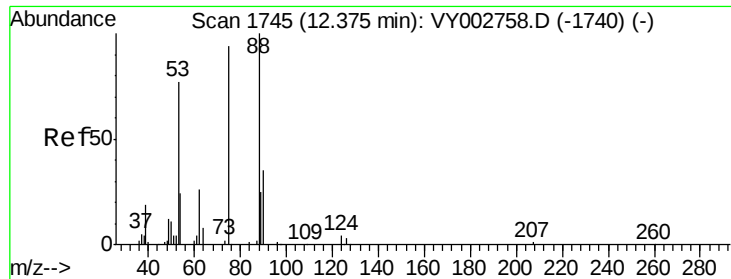
77 1.4 0.0 0.0#



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: 89.627 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002774.D

Acq: 27 May 2020 19:16

Instrument :

MSVOA_Y

ClientSampleId :

RAMP-B-INFIELD-2

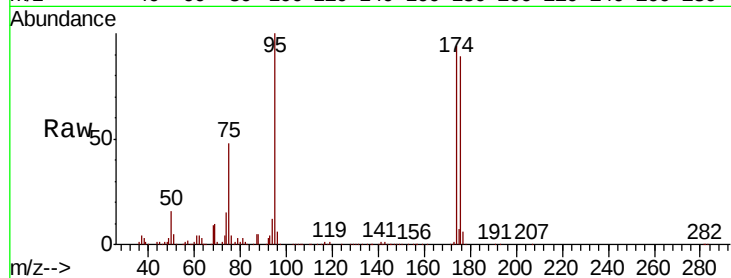
Tot Ion: 75 Resp: 79501

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

