

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052820\
 Data File : VY002788.D
 Acq On : 28 May 2020 13:21
 Operator : SY/MD
 Sample : L2790-10
 Misc : 7.59G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 28 16:47:21 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

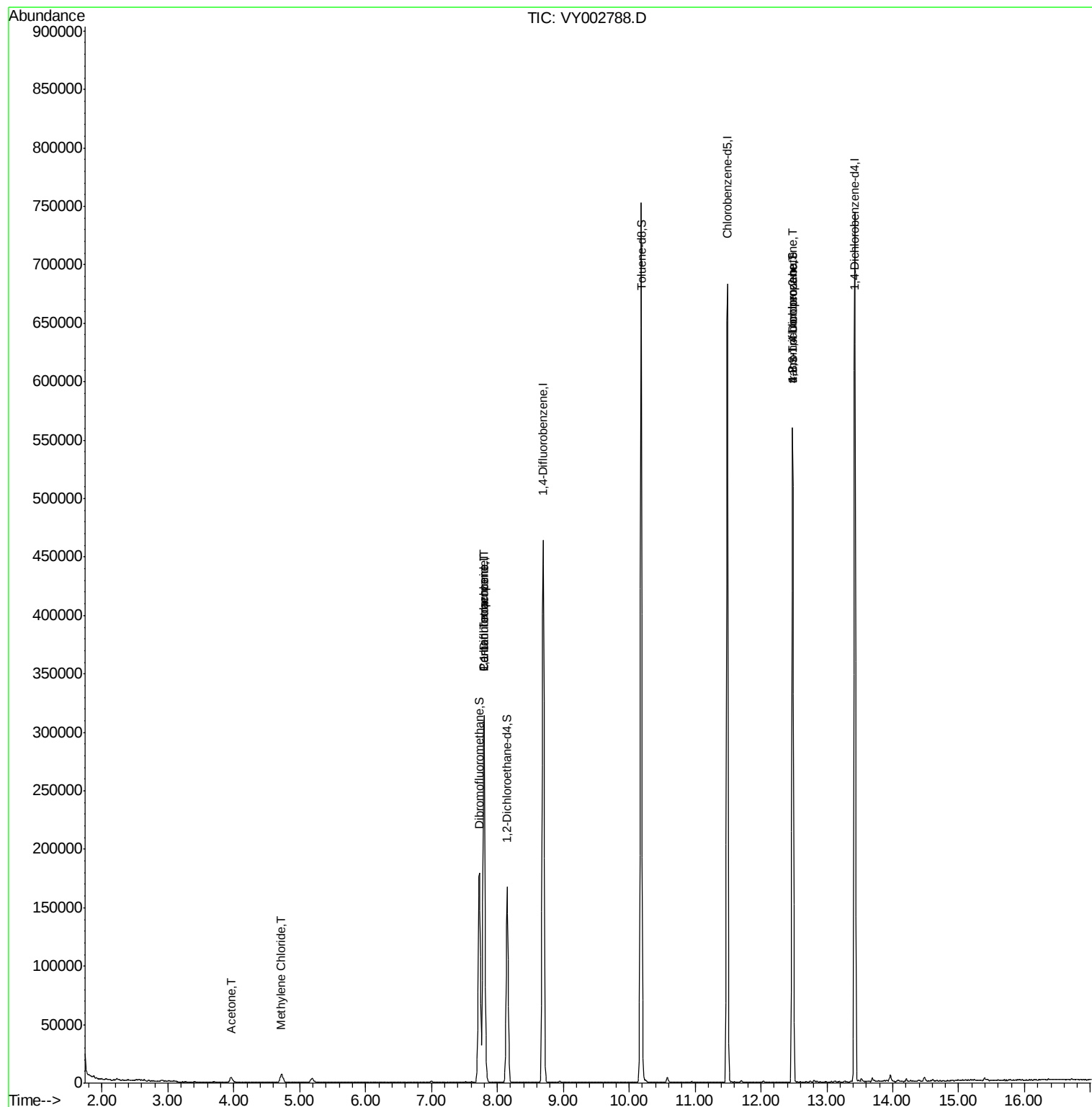
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	267167	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	424441	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	399294	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	200917	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	131143	56.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.06%	
35) Dibromofluoromethane	7.73	113	130395	52.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.84%	
50) Toluene-d8	10.18	98	500447	49.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.52%	
62) 4-Bromofluorobenzene	12.48	95	168796	49.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.22%	
Target Compounds						
					Qvalue	
16) Acetone	3.96	43	7462	13.718	ug/l #	84
18) Methyl Acetate	4.49	43	394	Below Cal	#	48
20) Methylene Chloride	4.72	84	5557	2.090	ug/l #	82
36) 1,1-Dichloropropene	7.80	75	16355	4.574	ug/l #	49
38) Carbon Tetrachloride	7.80	117	24317	6.122	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	80738	44.597	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	80738	84.020	ug/l #	17

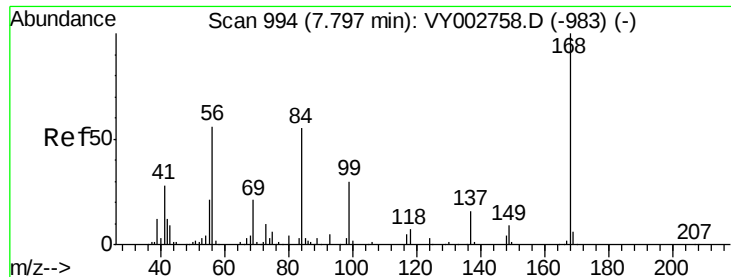
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002788.D

Acq: 28 May 2020 13:21

Instrument :

MSVOA_Y

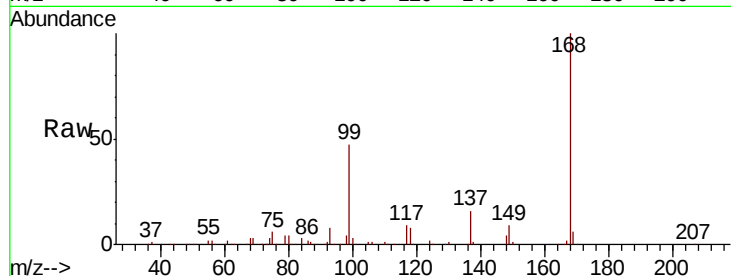
ClientSampleId :

Tot Ion:168 Resp: 267167

Ion Ratio Lower Upper

168 100

99 46.9 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) (-)

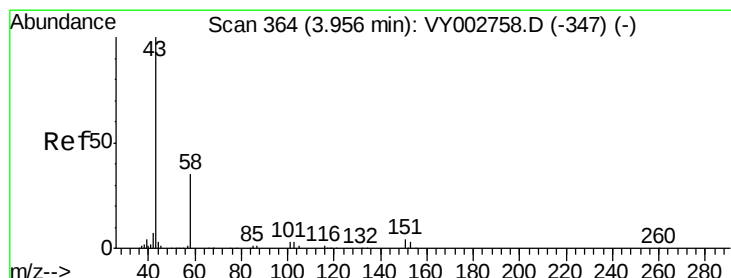
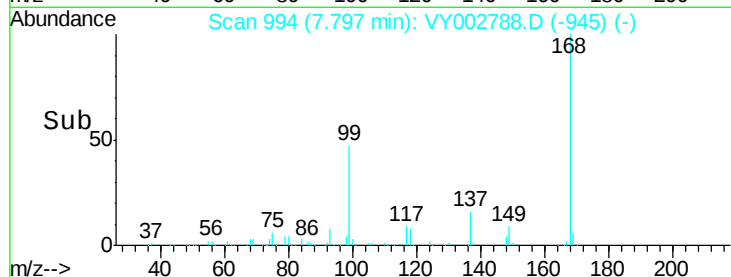
7.80

100000

50000

0

Time-->



#16

Acetone

Concen: 13.718 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY002788.D

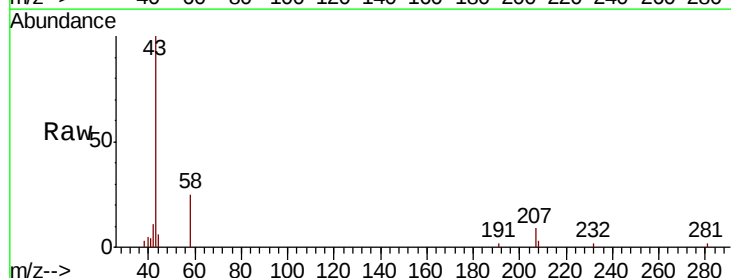
Acq: 28 May 2020 13:21

Tgt Ion: 43 Resp: 7462

Ion Ratio Lower Upper

43 100

58 25.4 27.7 41.5#



Abundance Ion 43.00 (42.70 to 43.70): VY002758.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002758.D (-347) (-)

3.96

3000

2500

2000

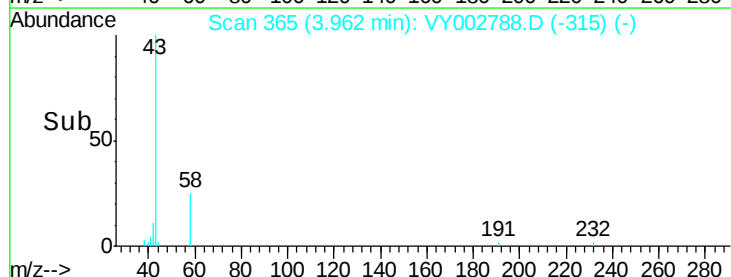
1500

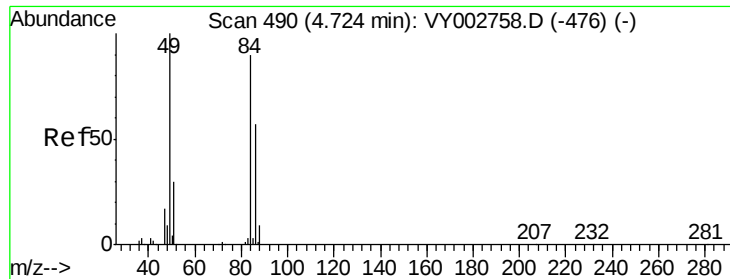
1000

500

0

Time-->

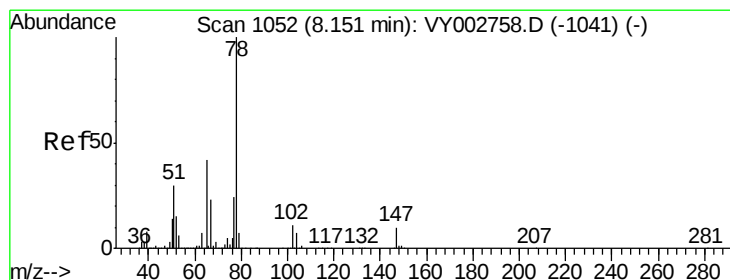
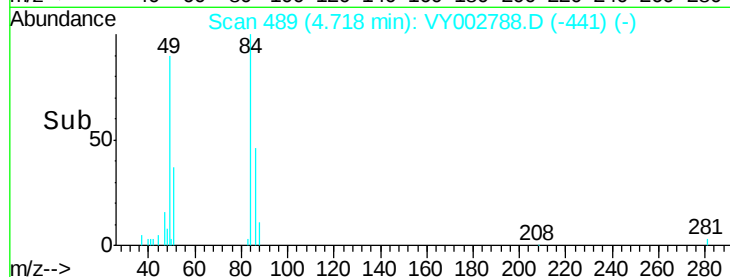
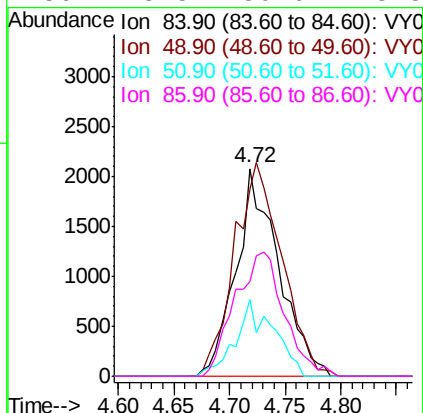
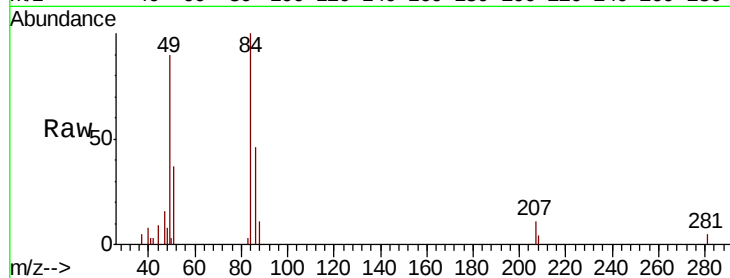




#20
Methylene Chloride
Concen: 2.090 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY002788.D
Acq: 28 May 2020 13:21

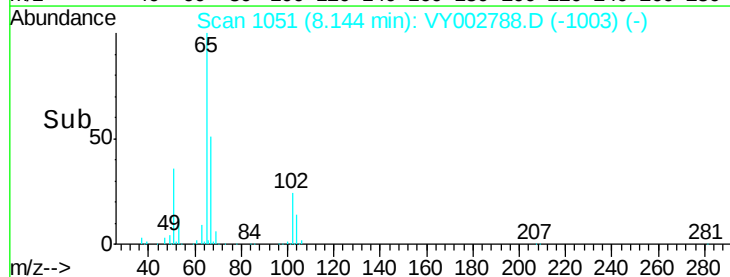
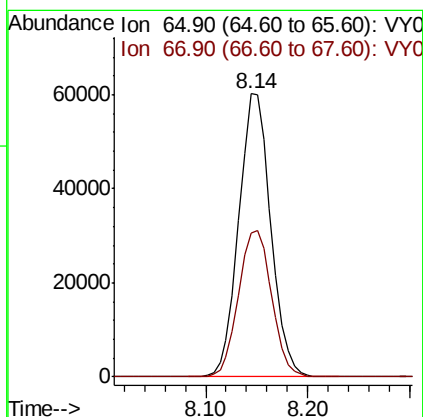
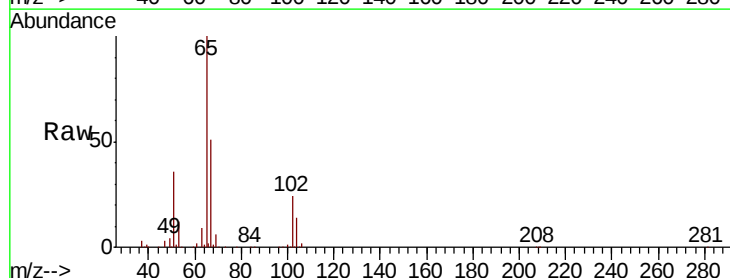
Instrument :
MSVOA_Y
ClientSampled :

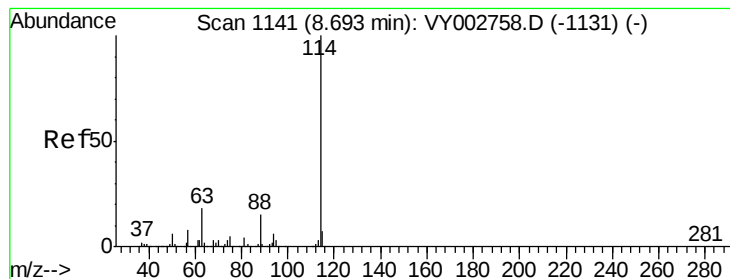
Tot Ion: 84 Resp: 5557
Ion Ratio Lower Upper
84 100
49 90.1 88.5 132.7
51 37.0 26.8 40.2
86 45.5 50.6 75.8#



#33
1,2-Dichloroethane-d4
Concen: 56.533 ug/l
RT: 8.14 min Scan# 1051
Delta R.T. -0.01 min
Lab File: VY002788.D
Acq: 28 May 2020 13:21

Tgt Ion: 65 Resp: 131143
Ion Ratio Lower Upper
65 100
67 53.7 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: VY002788.D

Acq: 28 May 2020 13:21

Instrument :

MSVOA_Y

ClientSampleId :

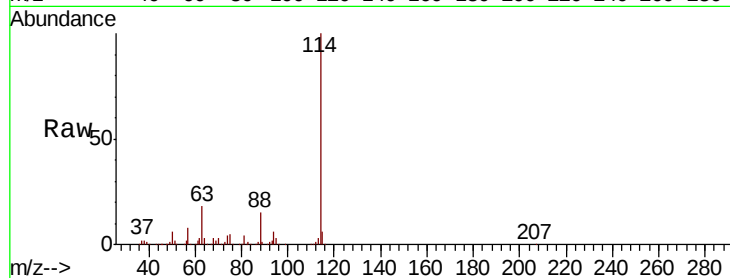
Tot Ion:114 Resp: 424441

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.2

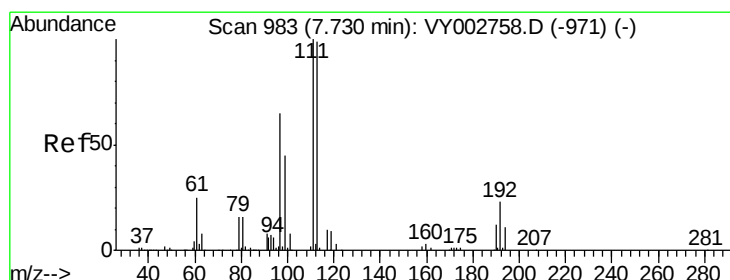
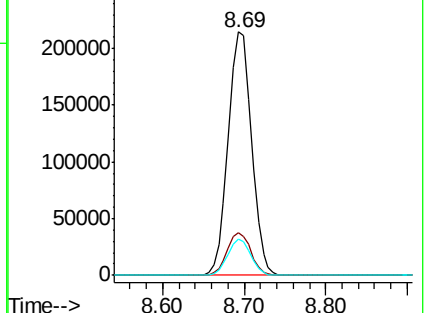
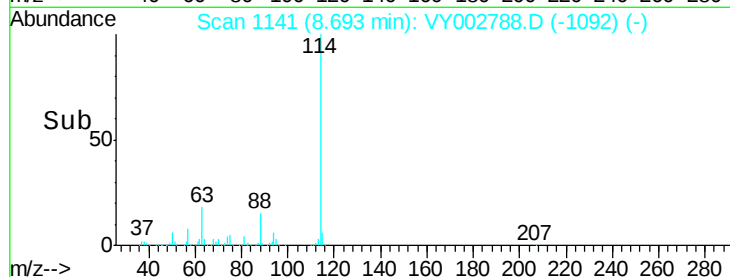
88 14.8 0.0 29.2



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: 52.421 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY002788.D

Acq: 28 May 2020 13:21

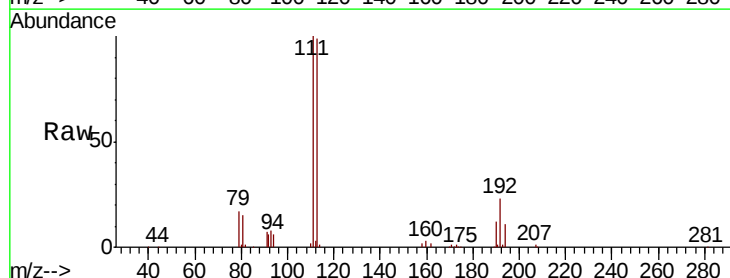
Tgt Ion:113 Resp: 130395

Ion Ratio Lower Upper

113 100

111 101.9 82.0 123.0

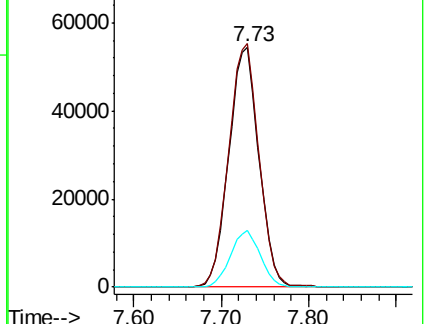
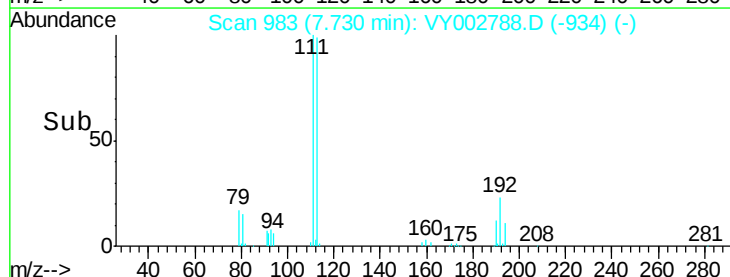
192 23.4 18.9 28.3

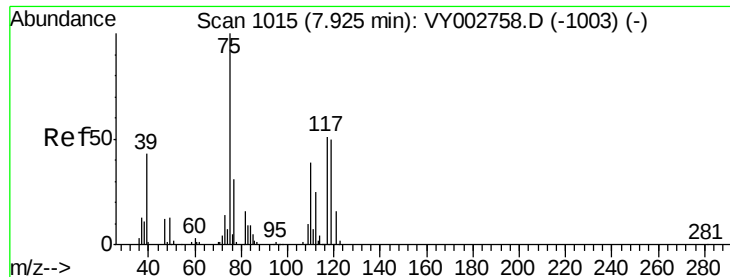


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

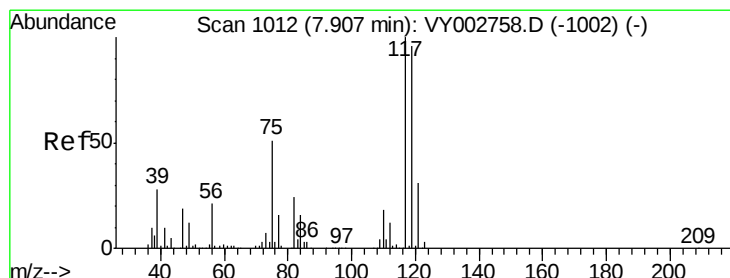
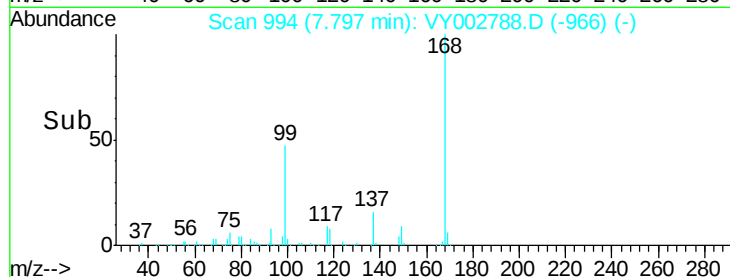
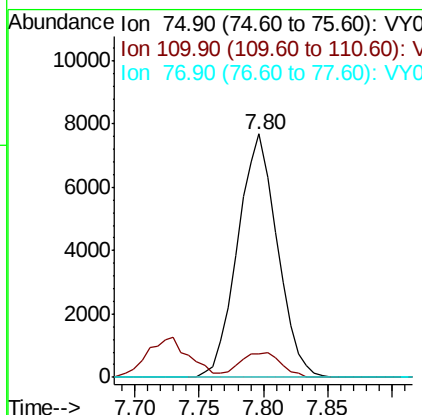
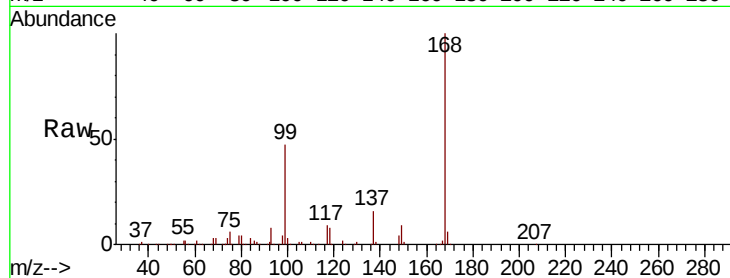




#36
 1,1-Dichloropropene
 Concen: 4.574 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY002788.D
 Acq: 28 May 2020 13:21

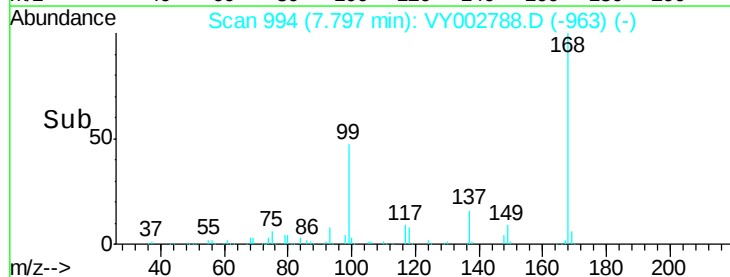
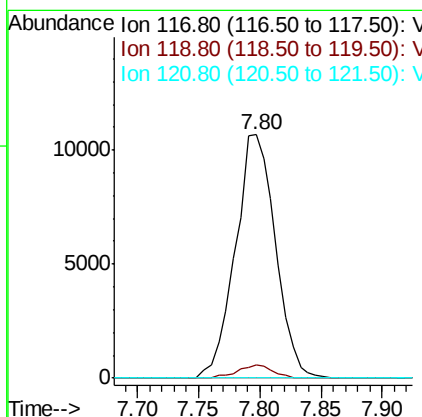
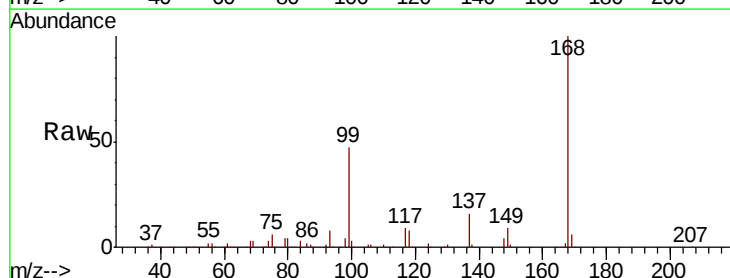
Instrument :
 MSVOA_Y
 ClientSampled :

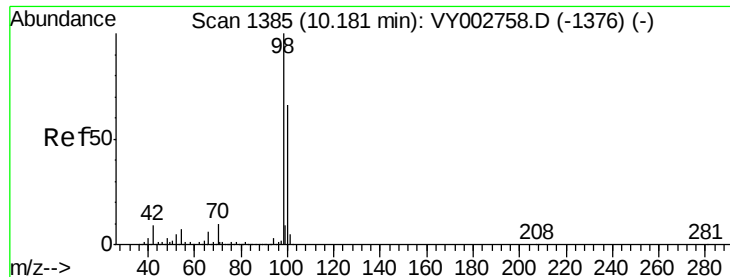
Tot Ion	75	Resp	16355
Ion Ratio	100	Lower	Upper
75	100		
110	10.5	19.3	57.9#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.122 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.11 min
 Lab File: VY002788.D
 Acq: 28 May 2020 13:21

Tgt Ion	117	Resp	24317
Ion Ratio	100	Lower	Upper
117	100		
119	5.2	76.8	115.2#
121	0.0	24.8	37.2#





#50

Toluene-d8

Concen: 49.759 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY002788.D

Acq: 28 May 2020 13:21

Instrument :

MSVOA_Y

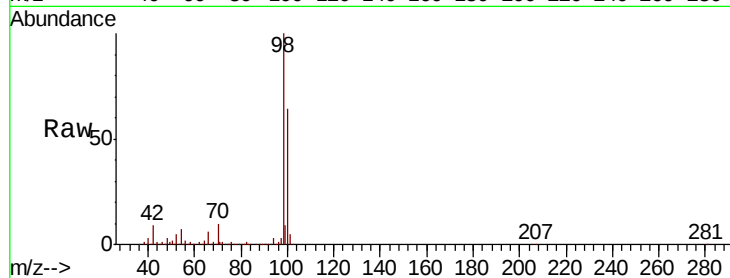
ClientSampleId :

Tot Ion: 98 Resp: 500447

Ion Ratio Lower Upper

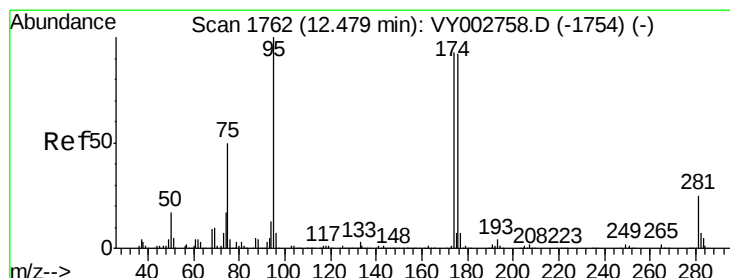
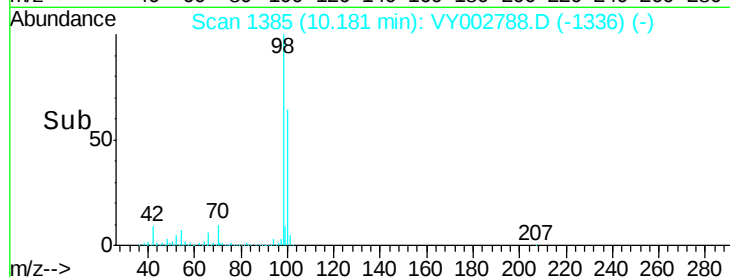
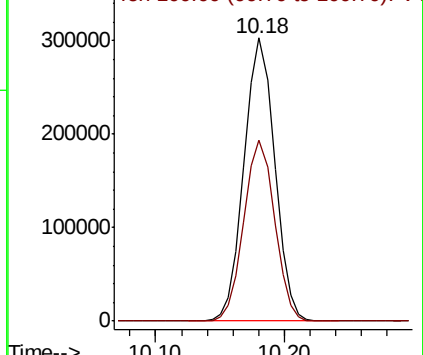
98 100

100 64.2 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: 49.110 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY002788.D

Acq: 28 May 2020 13:21

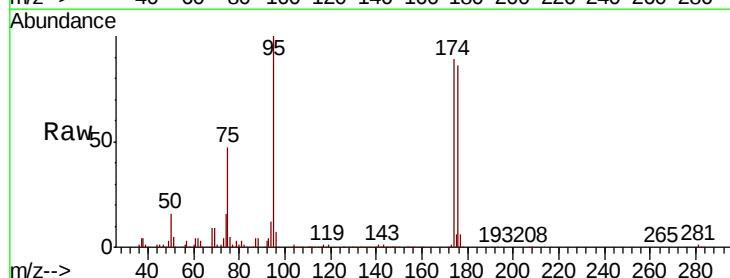
Tgt Ion: 95 Resp: 168796

Ion Ratio Lower Upper

95 100

174 94.6 0.0 191.2

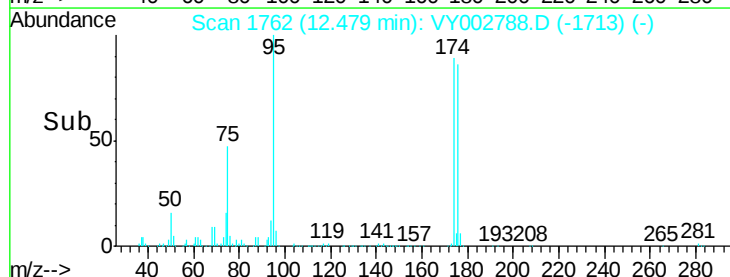
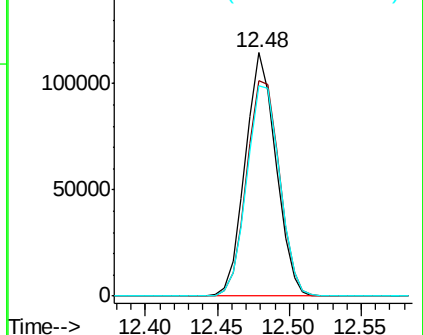
176 92.3 0.0 188.8

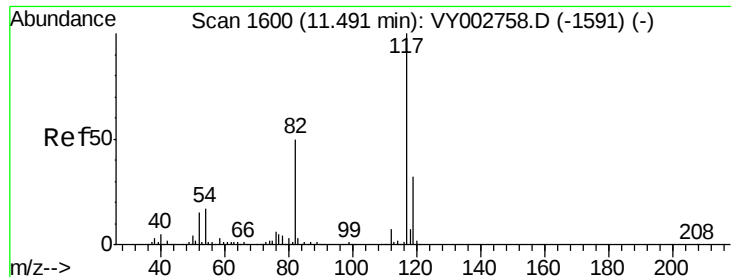


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

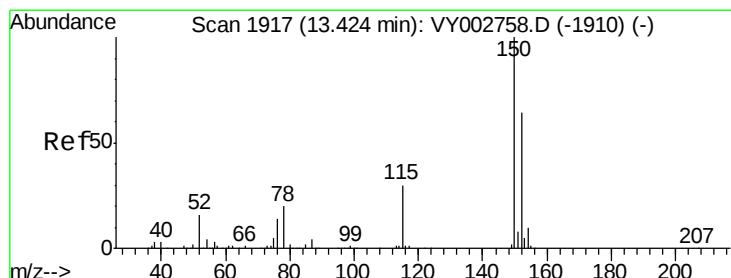
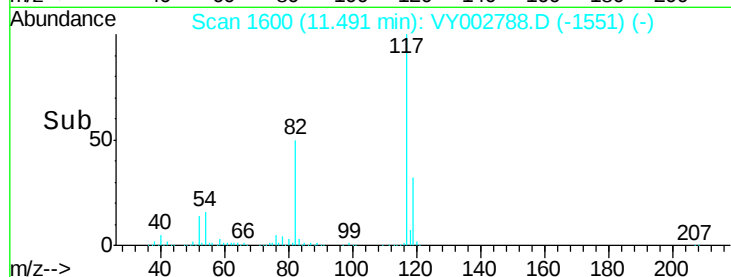
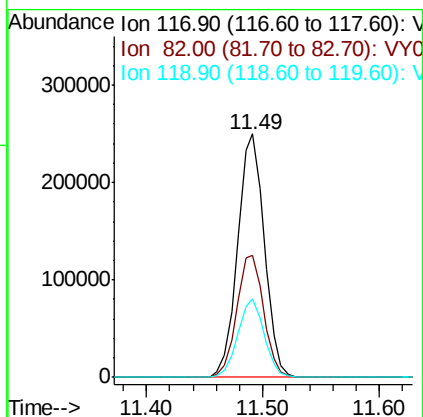
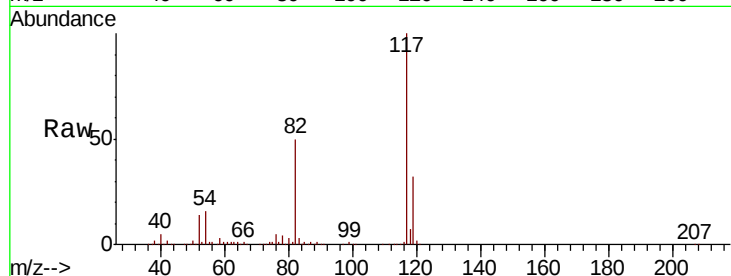




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002788.D
Acq: 28 May 2020 13:21

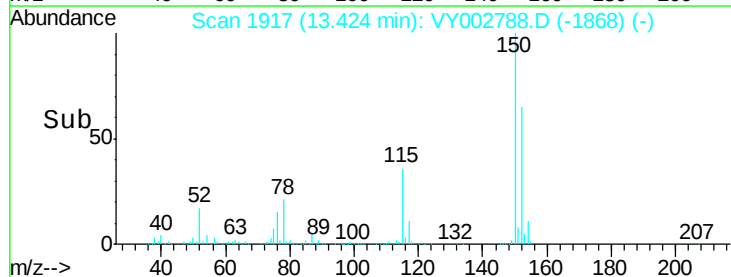
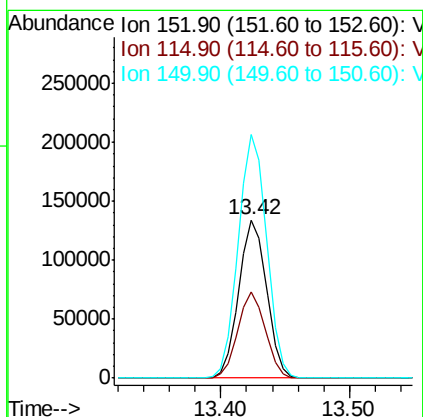
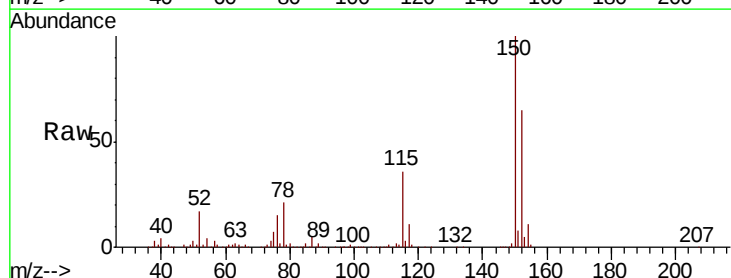
Instrument :
MSVOA_Y
ClientSampleId :

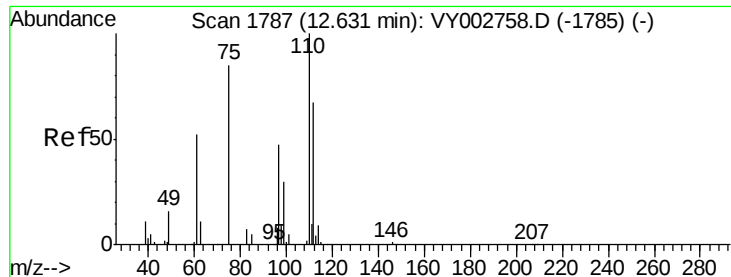
Tot Ion:117 Resp: 399294
Ion Ratio Lower Upper
117 100
82 50.2 40.2 60.4
119 32.2 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY002788.D
Acq: 28 May 2020 13:21

Tgt Ion:152 Resp: 200917
Ion Ratio Lower Upper
152 100
115 53.8 27.0 81.0
150 156.6 0.0 344.8





#76

1,2,3-Trichloropropane

Concen: 44.597 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY002788.D

Acq: 28 May 2020 13:21

Instrument :

MSVOA_Y

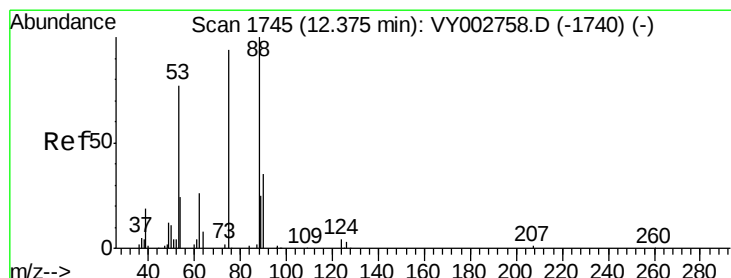
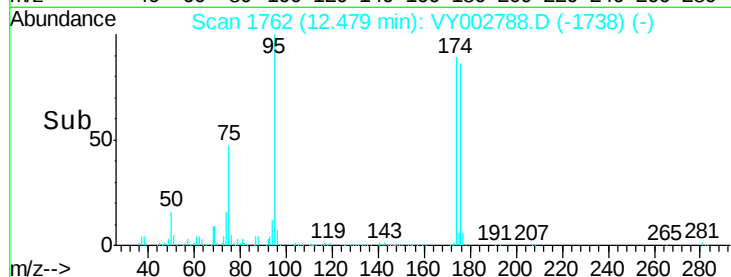
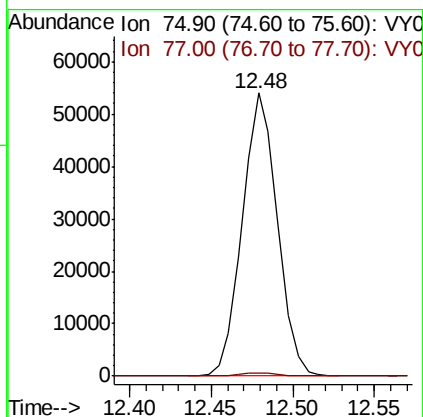
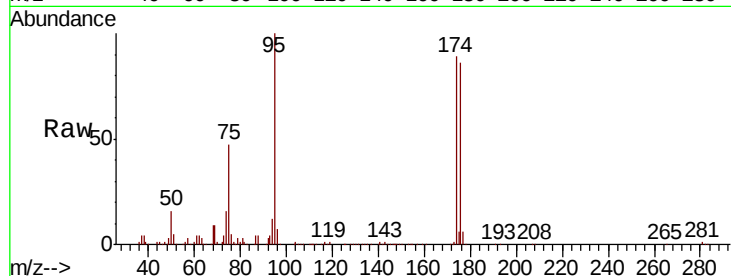
ClientSampleId :

Tot Ion: 75 Resp: 80738

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 84.020 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002788.D

Acq: 28 May 2020 13:21

Tgt Ion: 75 Resp: 80738

Ion Ratio Lower Upper

75 100

53 0.0 64.0 96.0#

89 0.0 37.4 56.2#

