

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052820\
 Data File : VY002789.D
 Acq On : 28 May 2020 13:46
 Operator : SY/MD
 Sample : L2790-16
 Misc : 6.49G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 28 16:47:32 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

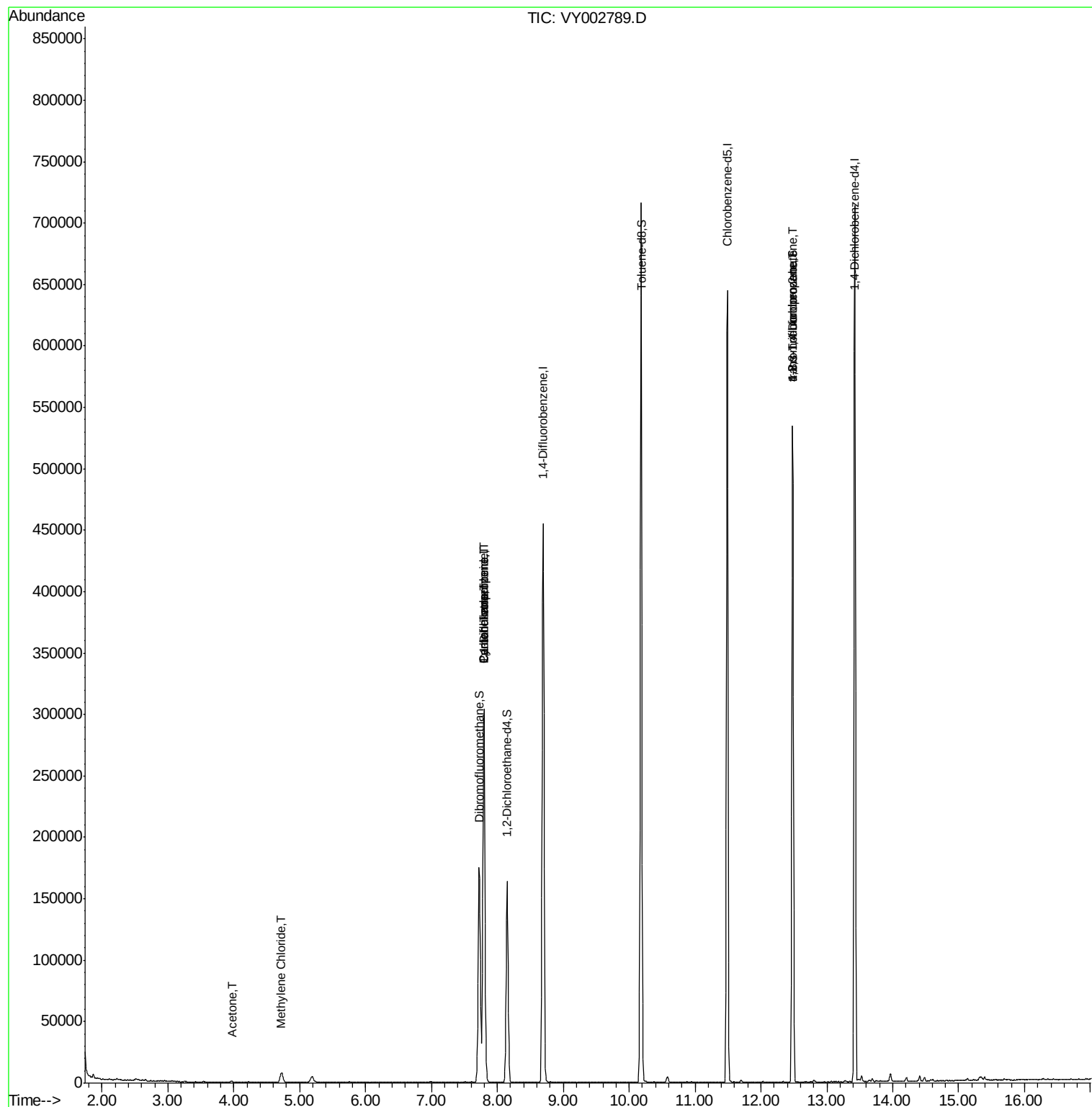
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	255452	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	407727	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	375823	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	191373	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	127094	57.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.60%	
35) Dibromofluoromethane	7.72	113	125356	52.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.92%	
50) Toluene-d8	10.18	98	480233	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.42%	
62) 4-Bromofluorobenzene	12.48	95	160056	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.96%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.96	59	169	Below Cal	#	74
16) Acetone	3.97	43	1271	2.444	ug/l	90
18) Methyl Acetate	4.47	43	123	Below Cal	#	48
20) Methylene Chloride	4.72	84	6264	2.464	ug/l	94
31) Cyclohexane	7.80	56	4022	1.069	ug/l #	1
36) 1,1-Dichloropropene	7.79	75	15690	4.568	ug/l #	49
38) Carbon Tetrachloride	7.80	117	22050	5.779	ug/l #	15
76) 1,2,3-Trichloropropane	12.48	75	77120	44.723	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	77120	84.258	ug/l #	17

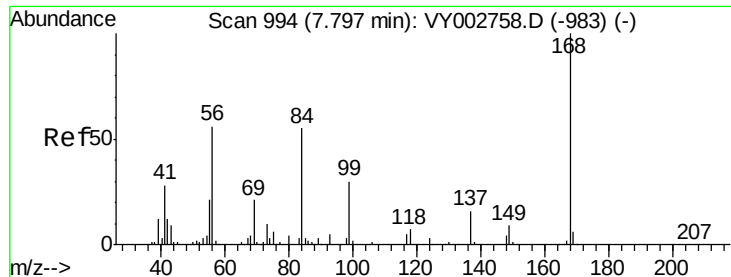
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
ClientSampleId :

Quant Time: May 28 16:47:32 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: VY002789.D

Acq: 28 May 2020 13:46

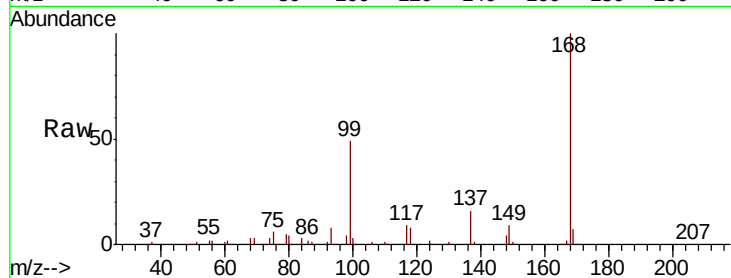
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 255452

Ion Ratio Lower Upper

168 100

99 48.6 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

120000

100000

80000

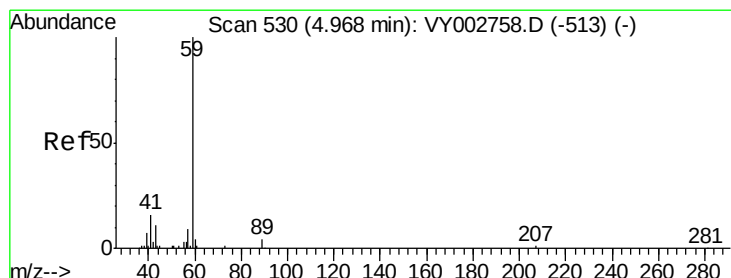
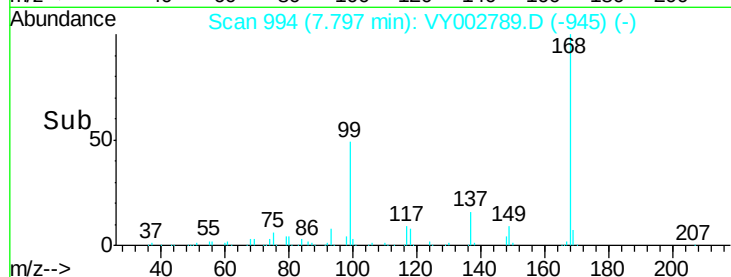
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.96 min Scan# 529

Delta R.T. -0.01 min

Lab File: VY002789.D

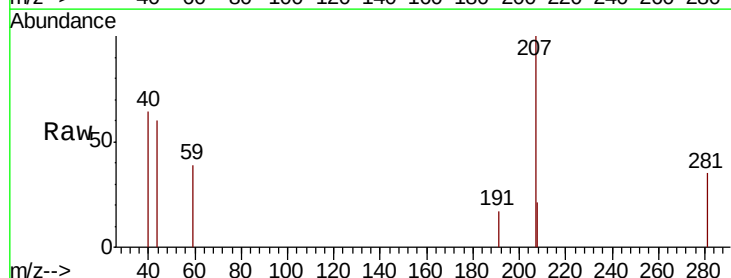
Acq: 28 May 2020 13:46

Tgt Ion: 59 Resp: 169

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VY002758.D (-513) (-)

Ion 57.00 (56.70 to 57.70): VY002758.D (-513) (-)

4.96

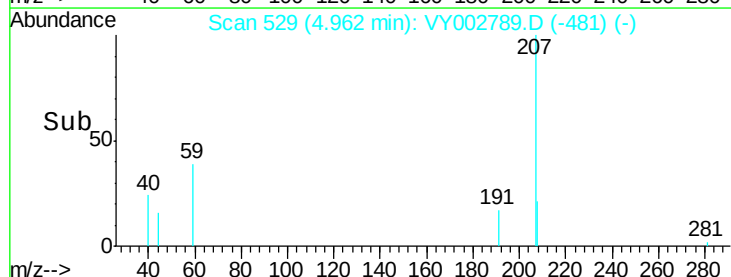
150

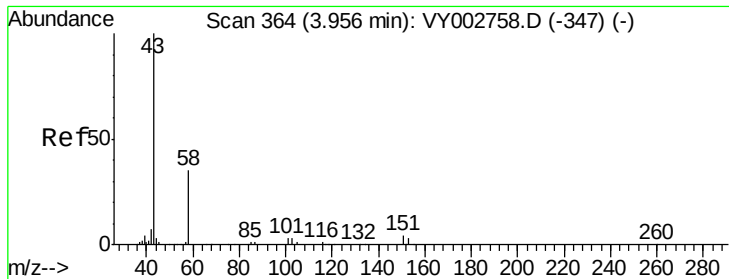
100

50

0

Time-->

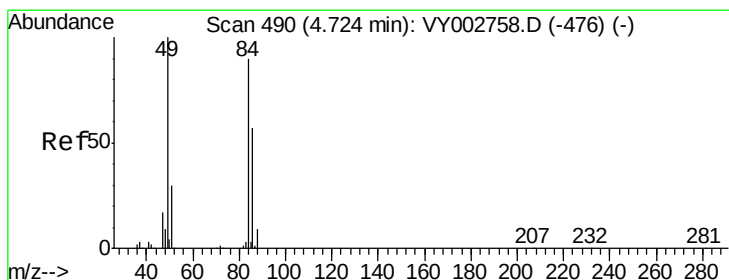
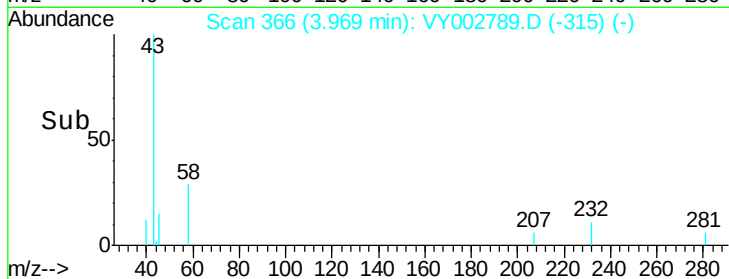
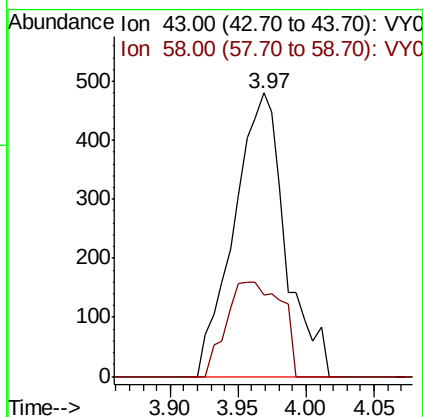
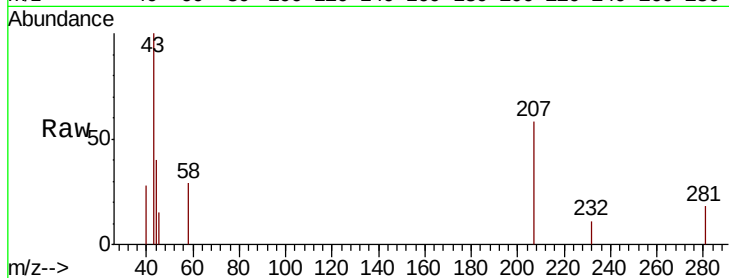




#16
Acetone
Concen: 2.444 ug/l
RT: 3.97 min Scan# 366
Delta R.T. 0.01 min
Lab File: VY002789.D
Acq: 28 May 2020 13:46

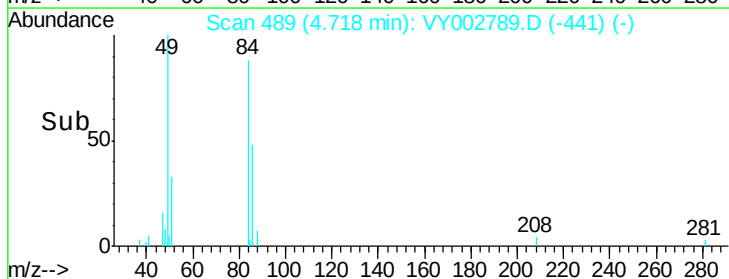
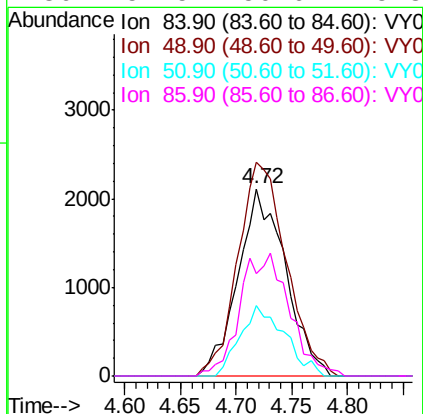
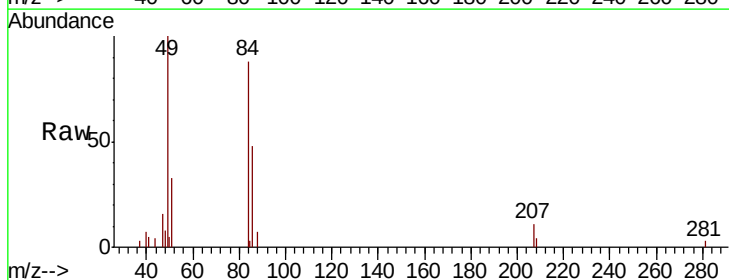
Instrument :
MSVOA_Y
ClientSampled :

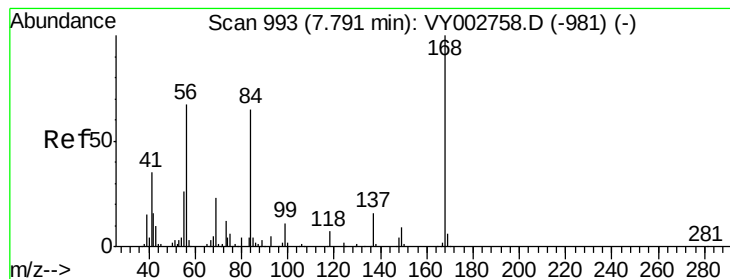
Tot Ion: 43 Resp: 1271
Ion Ratio Lower Upper
43 100
58 28.5 27.7 41.5



#20
Methylene Chloride
Concen: 2.464 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY002789.D
Acq: 28 May 2020 13:46

Tgt Ion: 84 Resp: 6264
Ion Ratio Lower Upper
84 100
49 114.0 88.5 132.7
51 37.4 26.8 40.2
86 54.5 50.6 75.8





#31

Cyclohexane

Concen: 1.069 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY002789.D

Acq: 28 May 2020 13:46

Instrument :

MSVOA_Y

ClientSampled :

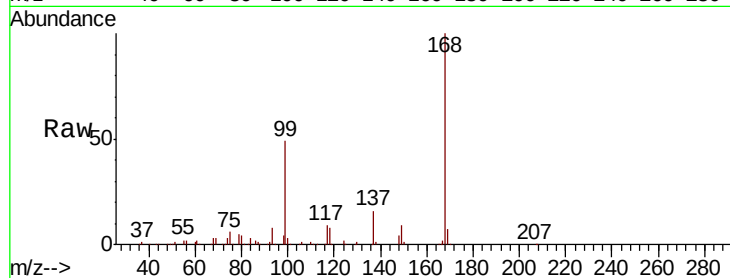
Tot Ion: 56 Resp: 4022

Ion Ratio Lower Upper

56 100

69 183.8 28.0 42.0#

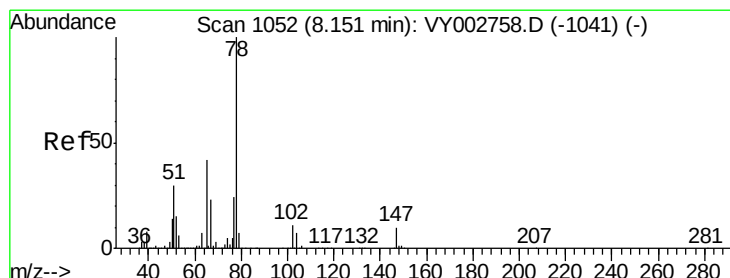
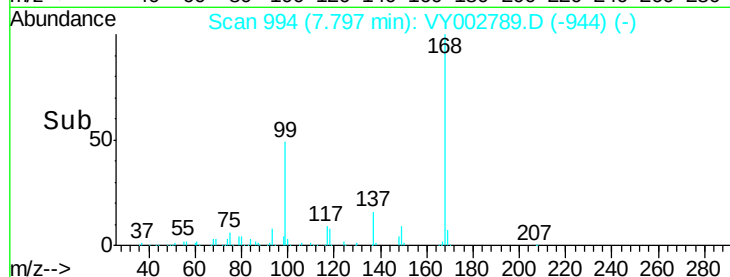
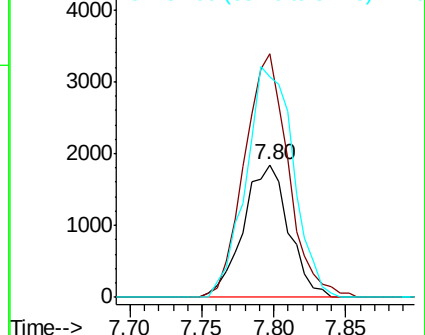
84 166.8 77.7 116.5#



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: 57.300 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY002789.D

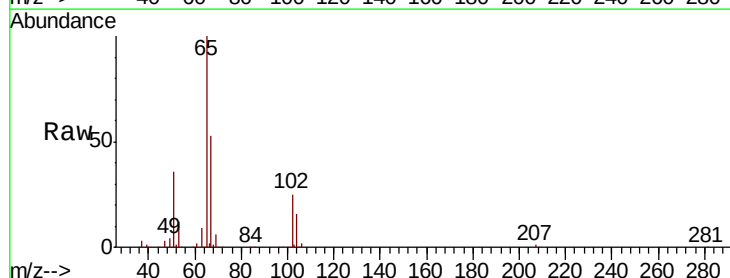
Acq: 28 May 2020 13:46

Tgt Ion: 65 Resp: 127094

Ion Ratio Lower Upper

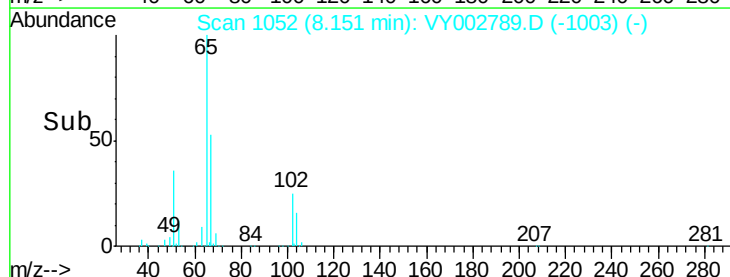
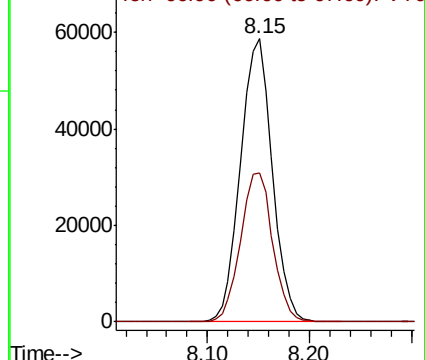
65 100

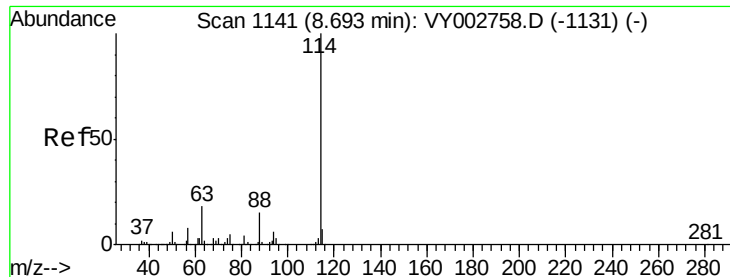
67 53.2 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

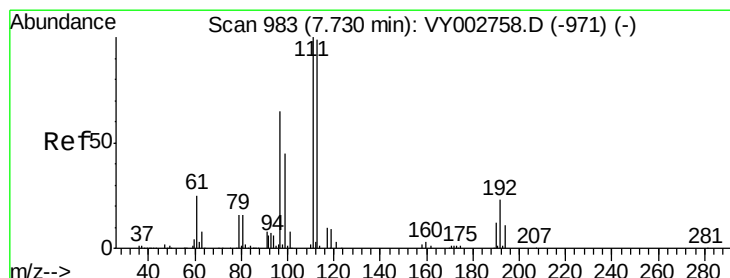
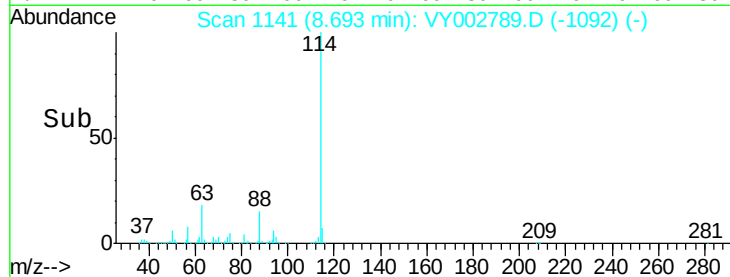
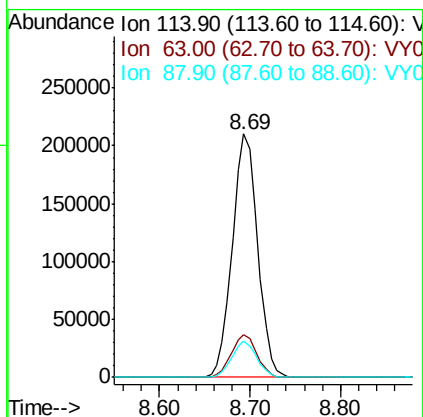
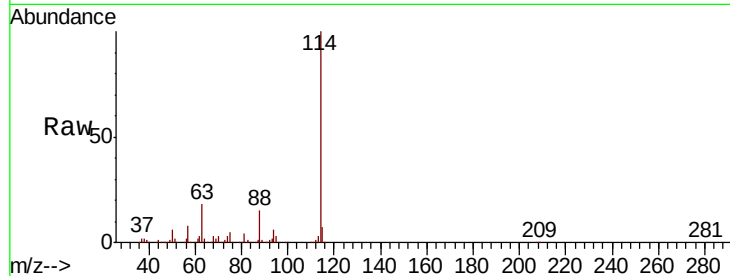




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002789.D
 Acq: 28 May 2020 13:46

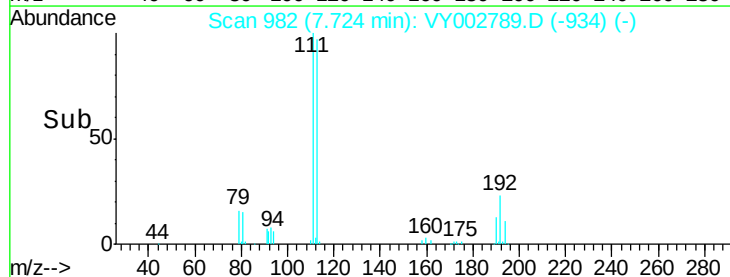
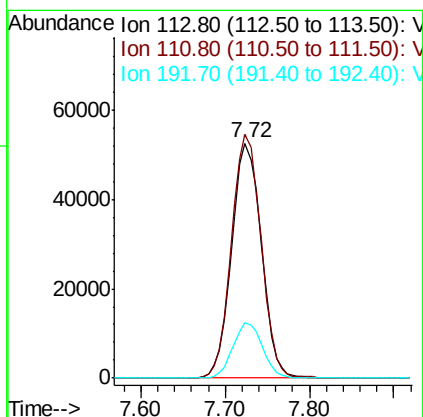
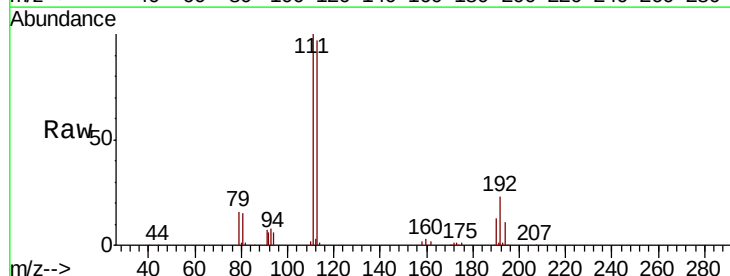
Instrument :
 MSVOA_Y
 ClientSampled :

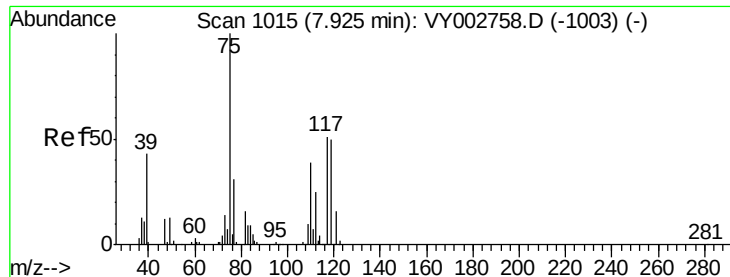
Tot Ion:114 Resp: 407727
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 35.2
 88 14.8 0.0 29.2



#35
 Dibromofluoromethane
 Concen: 52.462 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002789.D
 Acq: 28 May 2020 13:46

Tgt Ion:113 Resp: 125356
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.0 123.0
 192 23.3 18.9 28.3

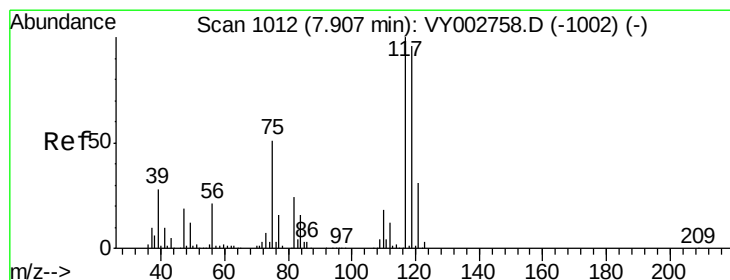
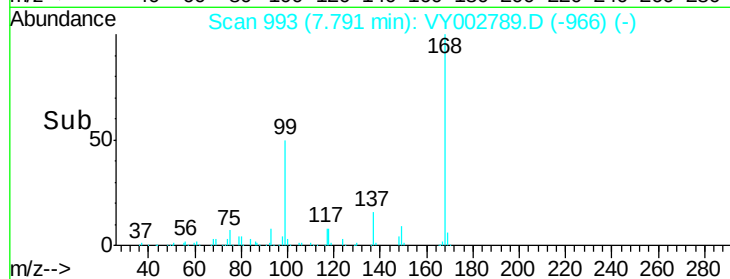
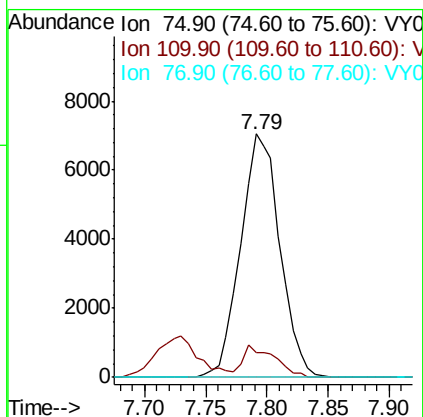
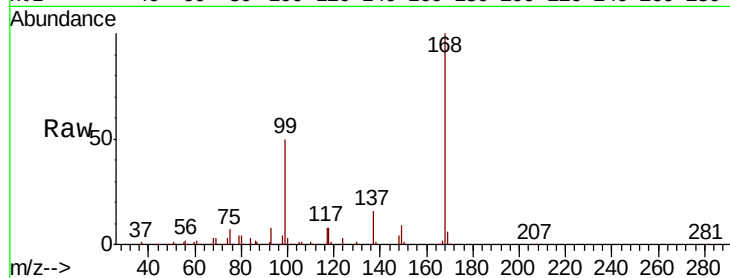




#36
 1,1-Dichloropropene
 Concen: 4.568 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VY002789.D
 Acq: 28 May 2020 13:46

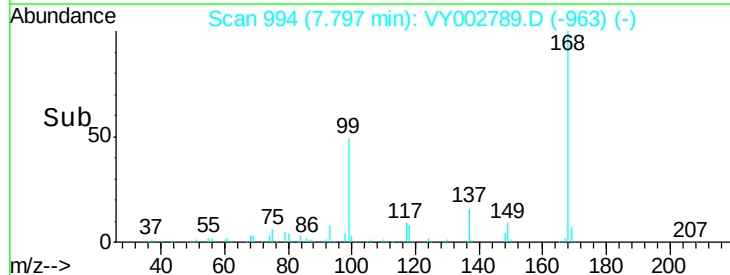
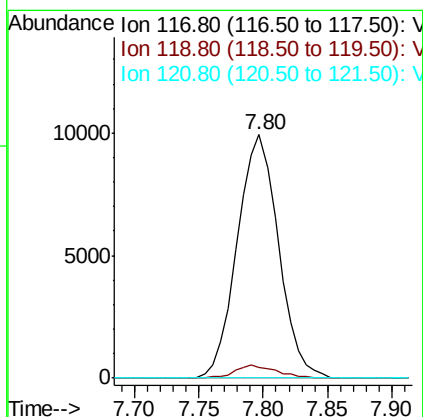
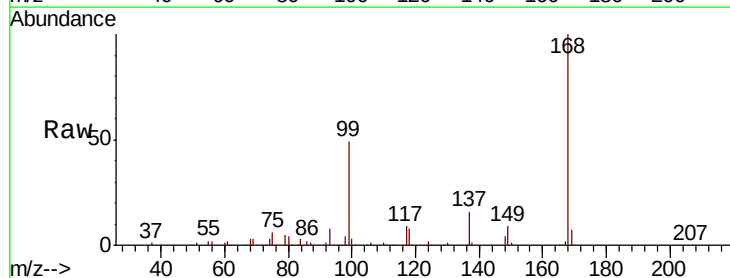
Instrument :
 MSVOA_Y
 ClientSampled :

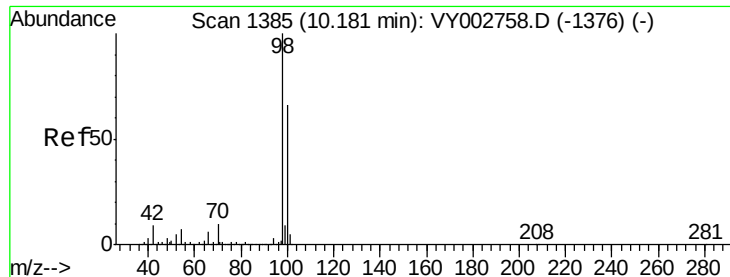
Tot Ion	75	Resp	15690
Ion Ratio	100	Lower	Upper
75	100		
110	10.6	19.3	57.9#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 5.779 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.11 min
 Lab File: VY002789.D
 Acq: 28 May 2020 13:46

Tgt Ion	117	Resp	22050
Ion Ratio	100	Lower	Upper
117	100		
119	4.3	76.8	115.2#
121	0.0	24.8	37.2#





#50

Toluene-d8

Concen: 49.707 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002789.D

Acq: 28 May 2020 13:46

Instrument :

MSVOA_Y

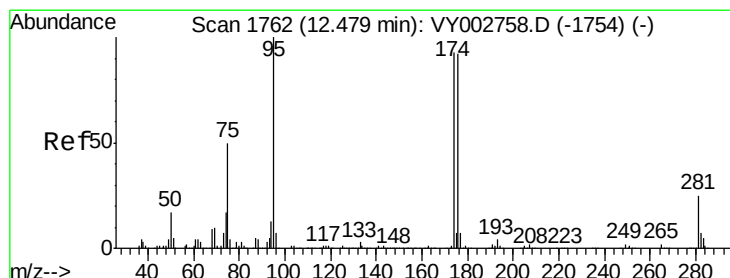
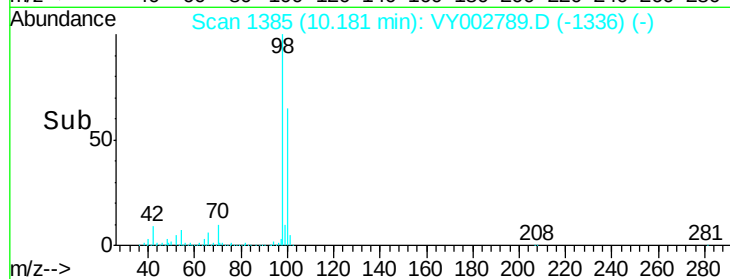
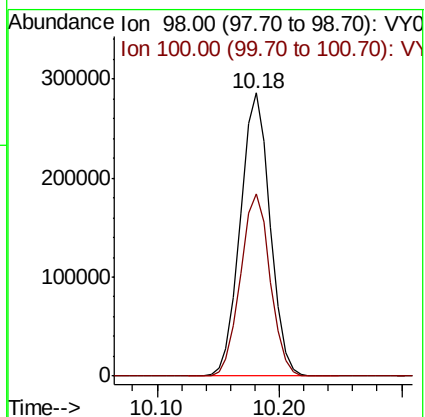
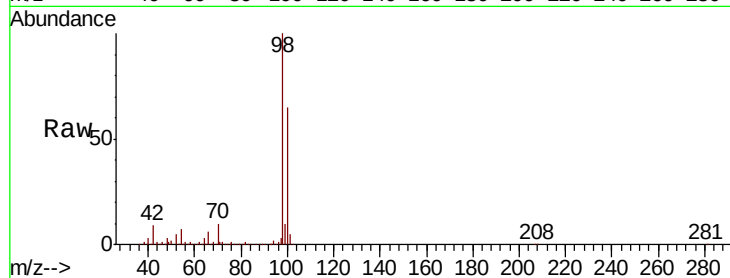
ClientSampleId :

Tot Ion: 98 Resp: 480233

Ion Ratio Lower Upper

98 100

100 64.4 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 48.476 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002789.D

Acq: 28 May 2020 13:46

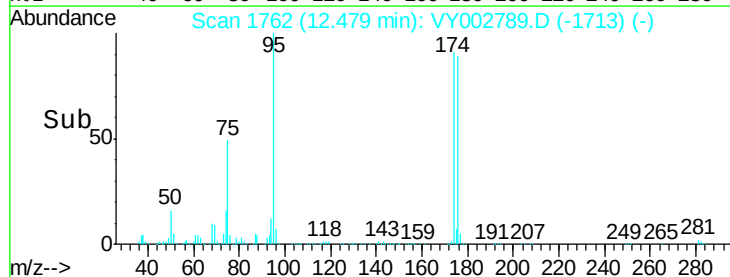
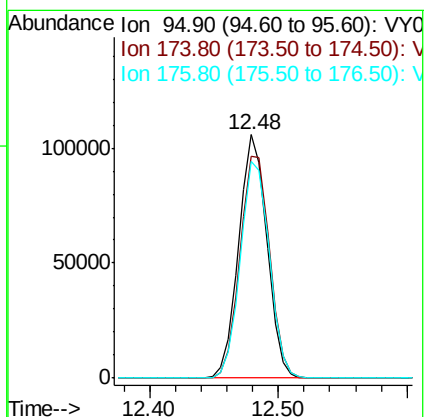
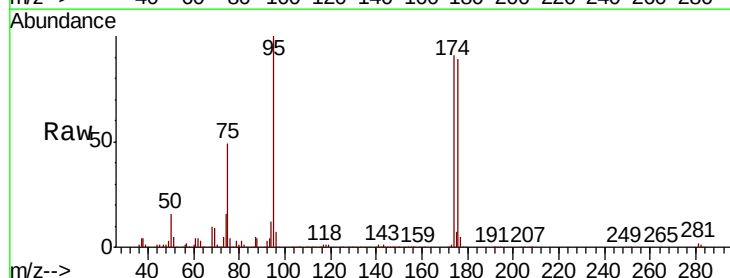
Tgt Ion: 95 Resp: 160056

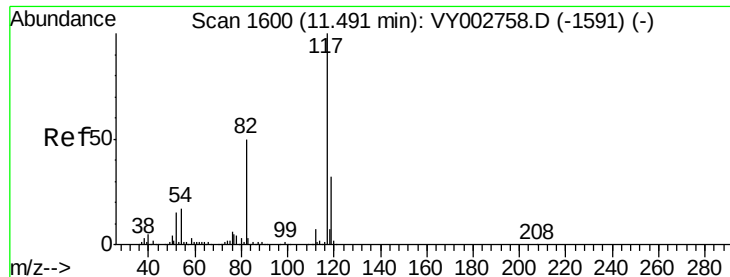
Ion Ratio Lower Upper

95 100

174 95.8 0.0 191.2

176 91.4 0.0 188.8

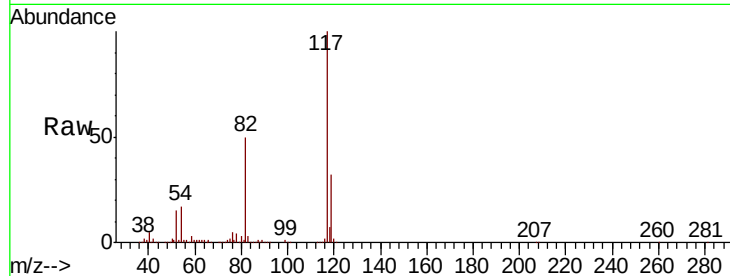




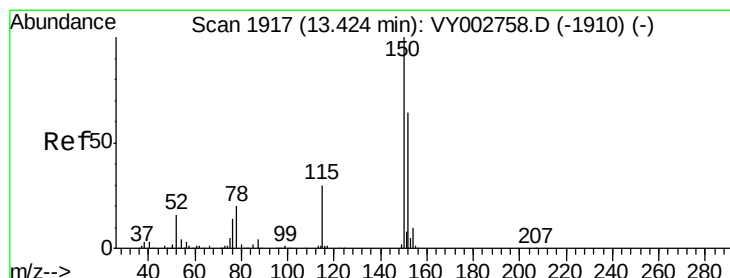
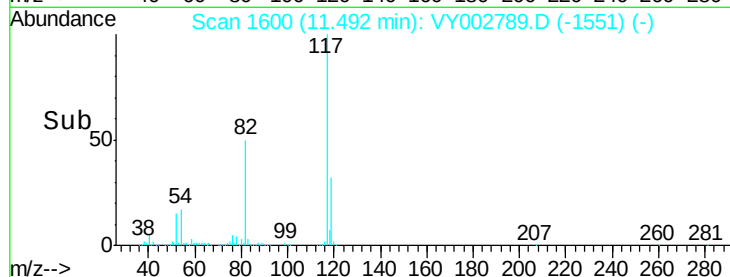
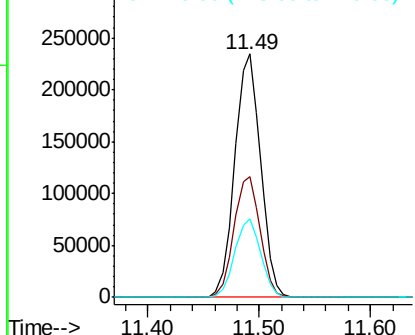
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002789.D
Acq: 28 May 2020 13:46

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 375823
Ion Ratio Lower Upper
117 100
82 49.7 40.2 60.4
119 32.2 25.8 38.8

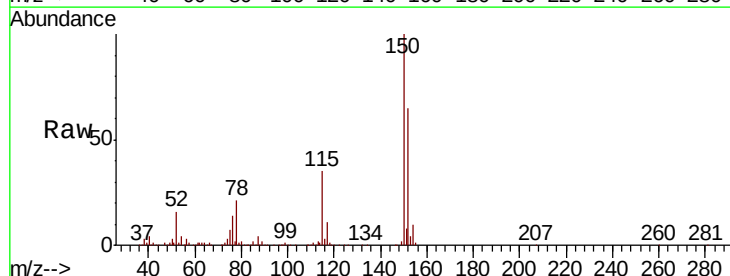


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

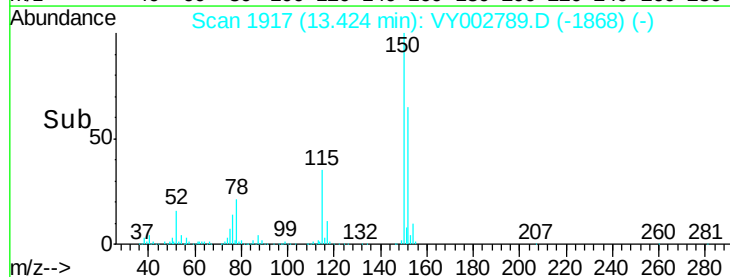
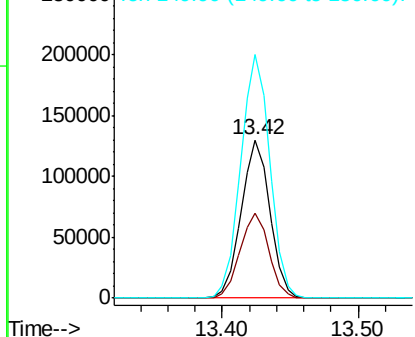


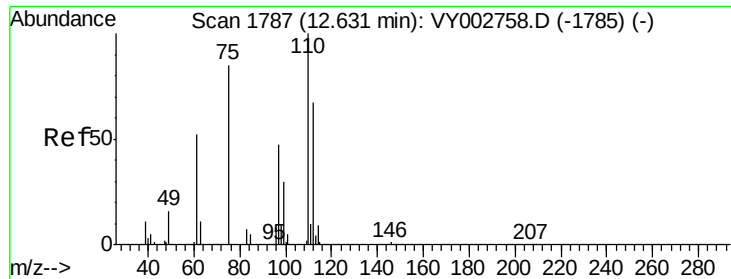
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002789.D
Acq: 28 May 2020 13:46

Tgt Ion:152 Resp: 191373
Ion Ratio Lower Upper
152 100
115 54.1 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: 44.723 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY002789.D

Acq: 28 May 2020 13:46

Instrument :

MSVOA_Y

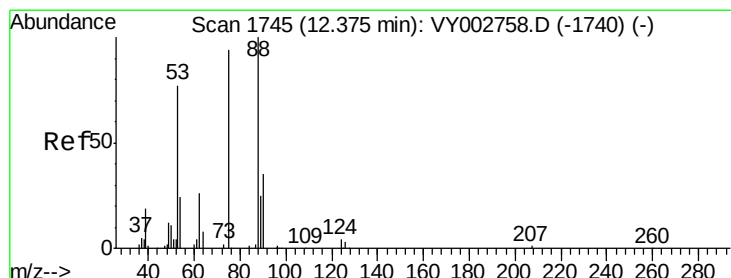
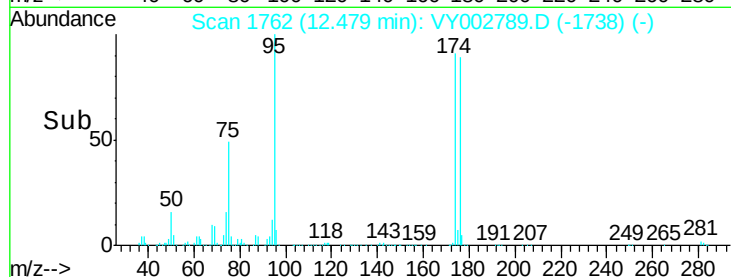
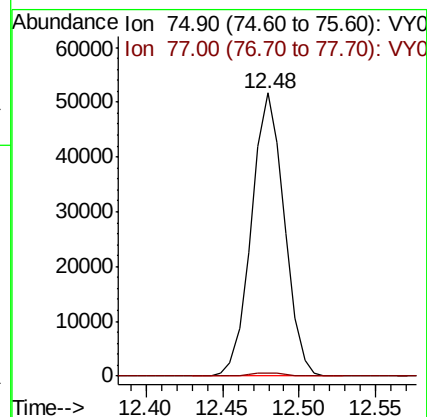
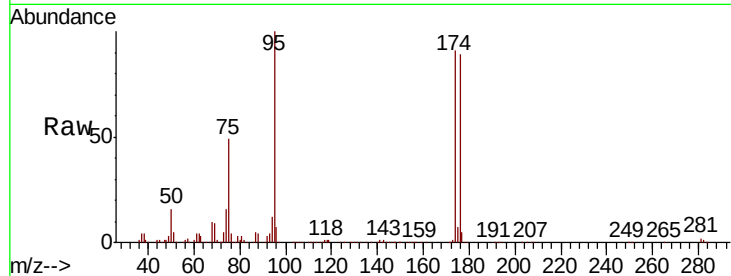
ClientSampleId :

Tot Ion: 75 Resp: 77120

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 84.258 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002789.D

Acq: 28 May 2020 13:46

Tgt Ion: 75 Resp: 77120

Ion Ratio Lower Upper

75 100

53 0.0 64.0 96.0#

89 0.0 37.4 56.2#

