

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061520\
 Data File : VY002896.D
 Acq On : 15 Jun 2020 12:20
 Operator : SY/MD
 Sample : L3013-01
 Misc : 6.42G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 V-210

Quant Time: Jun 16 01:59:09 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

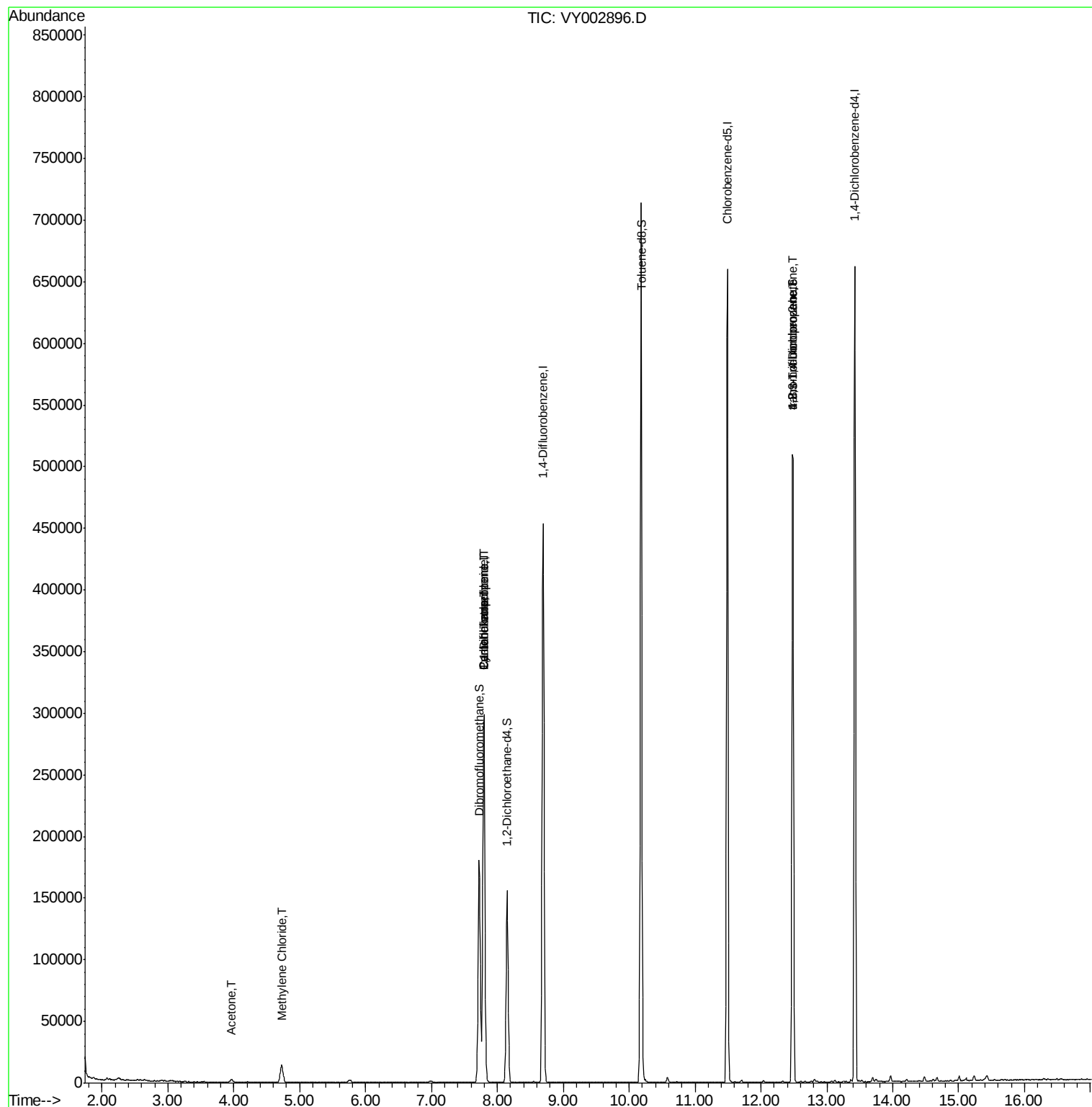
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	254531	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	412756	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	384642	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	184703	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	122937	55.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.26%	
35) Dibromofluoromethane	7.72	113	126066	52.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.24%	
50) Toluene-d8	10.18	98	478477	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.84%	
62) 4-Bromofluorobenzene	12.48	95	157864	47.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.46%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.96	59	42	Below Cal	#	74
16) Acetone	3.96	43	4352	8.398	ug/l	91
18) Methyl Acetate	4.49	43	476	Below Cal	#	48
20) Methylene Chloride	4.72	84	11306	4.464	ug/l	97
31) Cyclohexane	7.80	56	3838	1.024	ug/l #	1
36) 1,1-Dichloropropene	7.79	75	15378	4.423	ug/l #	49
38) Carbon Tetrachloride	7.80	117	21852	5.657	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	74794	44.940	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	74794	84.667	ug/l #	17

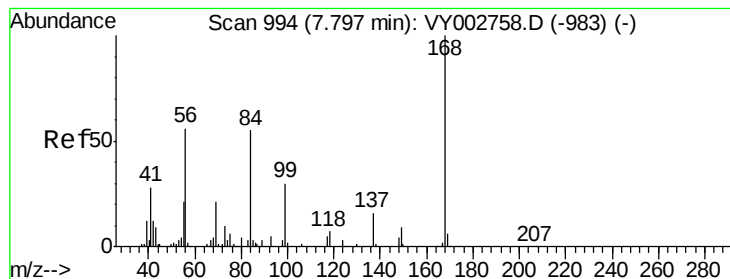
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY061520\
Data File : VY002896.D
Acq On : 15 Jun 2020 12:20
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V-210

Quant Time: Jun 16 01:59:09 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: VY002896.D

Acq: 15 Jun 2020 12:20

Instrument :

MSVOA_Y

ClientSampleId :

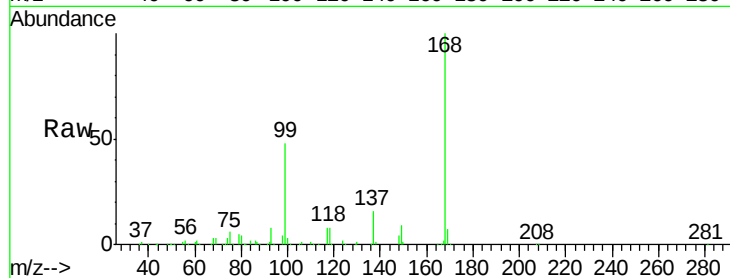
V-210

Tot Ion:168 Resp: 254531

Ion Ratio Lower Upper

168 100

99 47.9 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002896.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002896.D (-945) (-)

7.80

120000

100000

80000

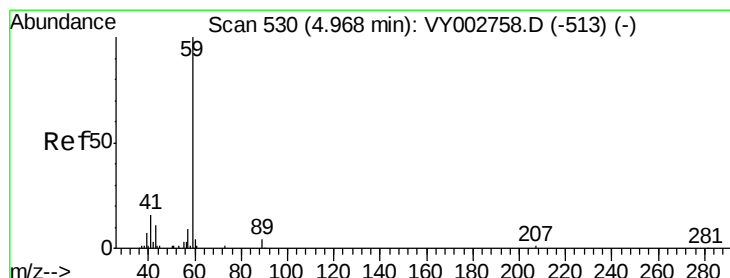
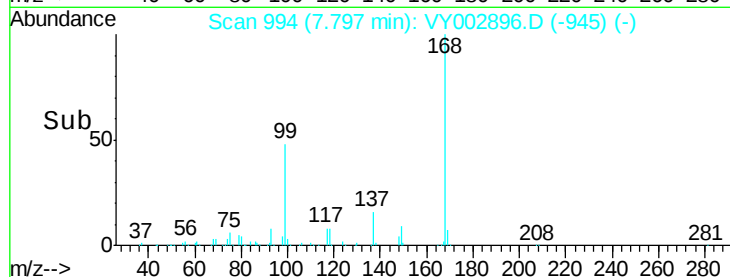
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.96 min Scan# 528

Delta R.T. -0.01 min

Lab File: VY002896.D

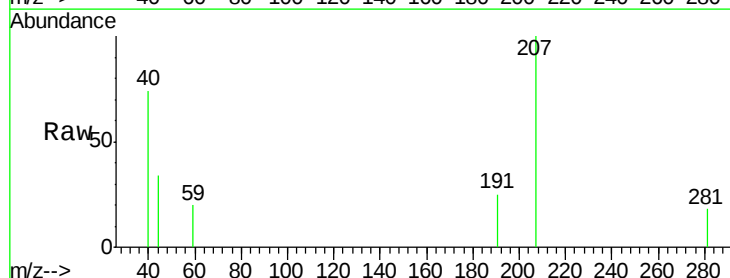
Acq: 15 Jun 2020 12:20

Tgt Ion: 59 Resp: 42

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VY002896.D (-481) (-)

Ion 57.00 (56.70 to 57.70): VY002896.D (-481) (-)

4.96

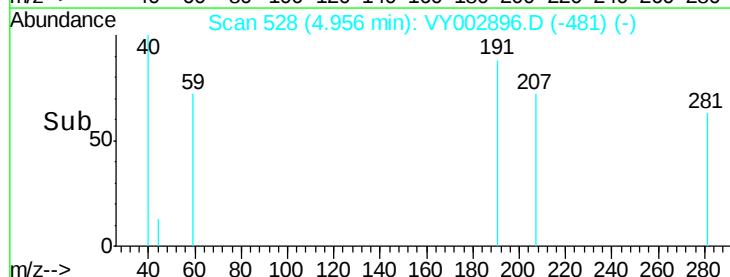
60

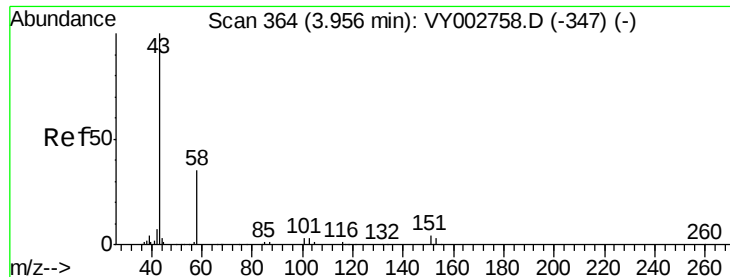
40

20

0

Time-->





#16

Acetone

Concen: 8.398 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002896.D

Acq: 15 Jun 2020 12:20

Instrument :

MSVOA_Y

ClientSampleId :

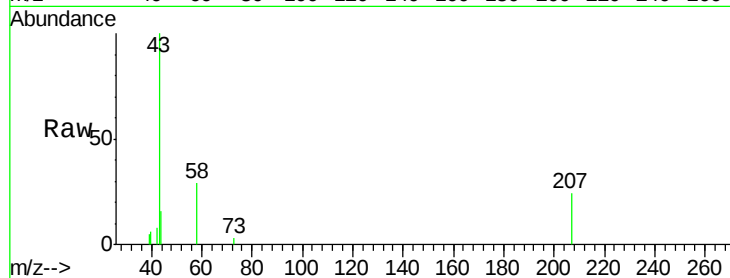
V-210

Tot Ion: 43 Resp: 4352

Ion Ratio Lower Upper

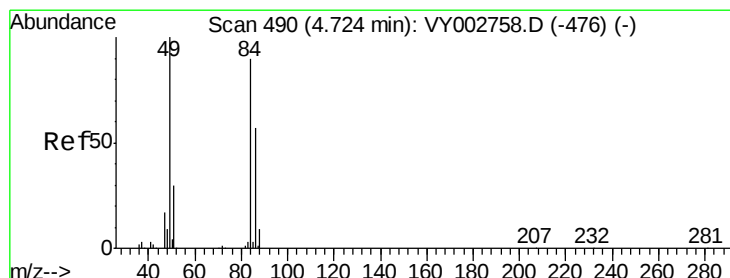
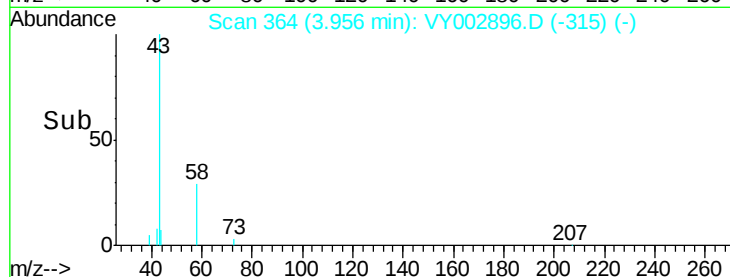
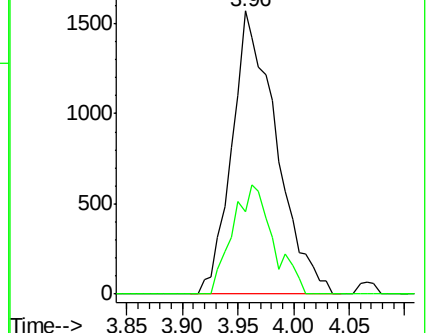
43 100

58 29.3 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY002896.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VY002896.D (-315) (-)



#20

Methylene Chloride

Concen: 4.464 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY002896.D

Acq: 15 Jun 2020 12:20

Tgt Ion: 84 Resp: 11306

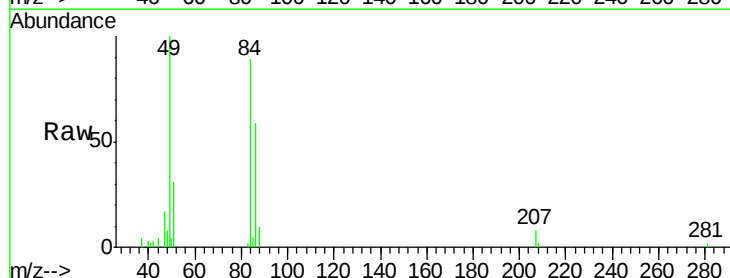
Ion Ratio Lower Upper

84 100

49 112.9 88.5 132.7

51 35.4 26.8 40.2

86 66.9 50.6 75.8

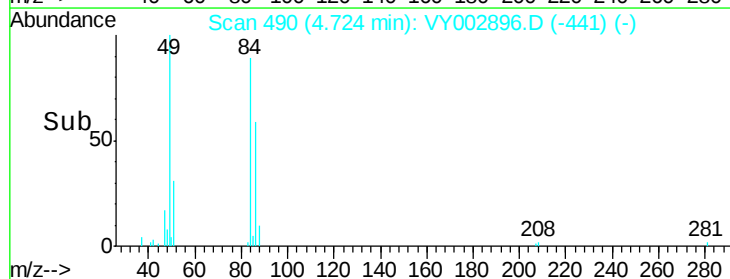
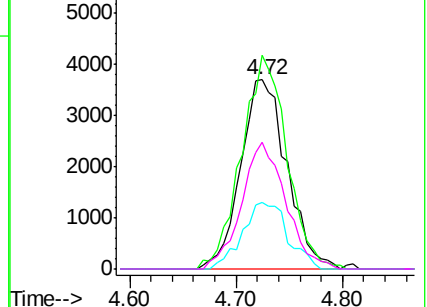


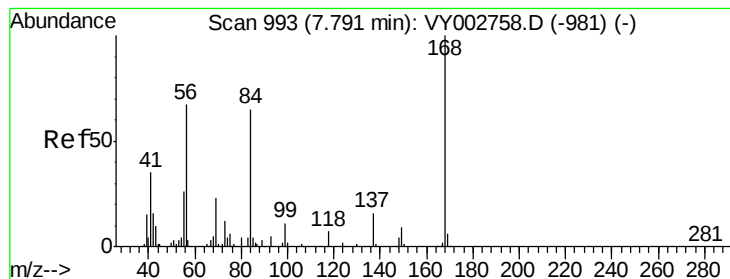
Abundance Ion 83.90 (83.60 to 84.60): VY002896.D (-441) (-)

Ion 48.90 (48.60 to 49.60): VY002896.D (-441) (-)

Ion 50.90 (50.60 to 51.60): VY002896.D (-441) (-)

Ion 85.90 (85.60 to 86.60): VY002896.D (-441) (-)





#31

Cyclohexane

Concen: 1.024 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY002896.D

Acq: 15 Jun 2020 12:20

Instrument :

MSVOA_Y

ClientSampled :

V-210

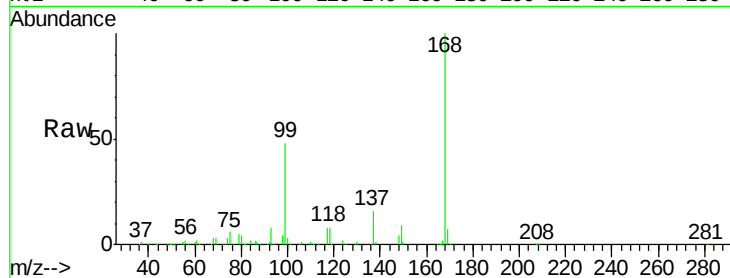
Tot Ion: 56 Resp: 3838

Ion Ratio Lower Upper

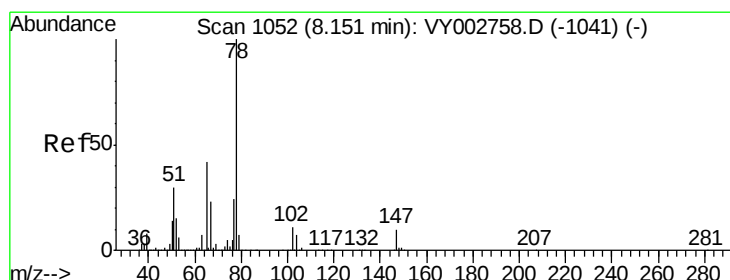
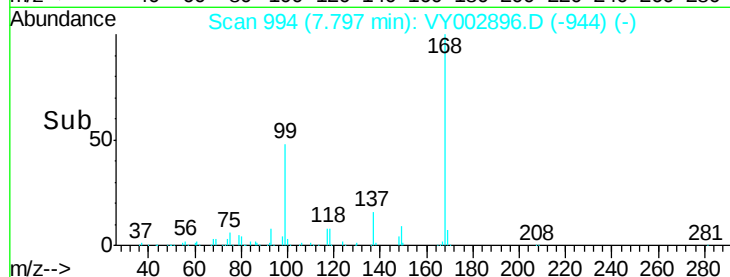
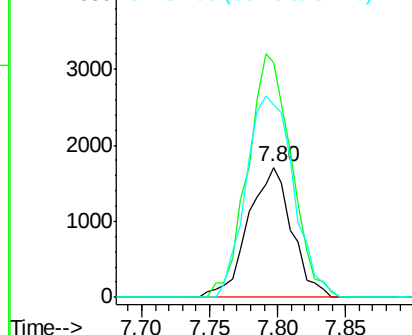
56 100

69 180.7 28.0 42.0#

84 148.6 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: 55.627 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VY002896.D

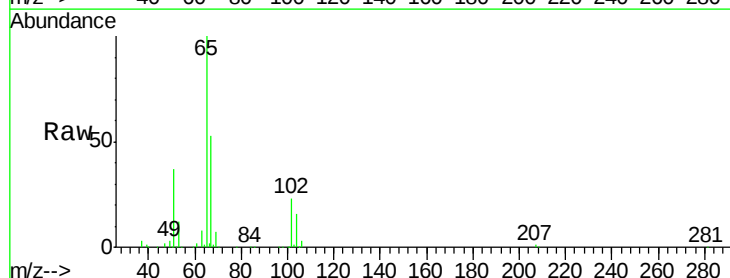
Acq: 15 Jun 2020 12:20

Tgt Ion: 65 Resp: 122937

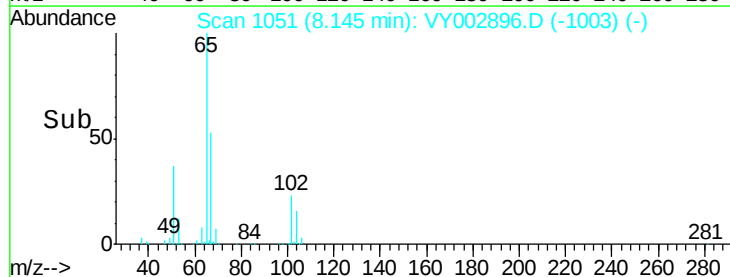
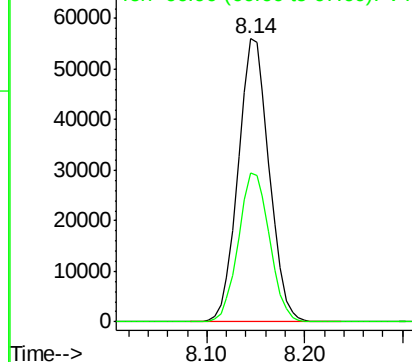
Ion Ratio Lower Upper

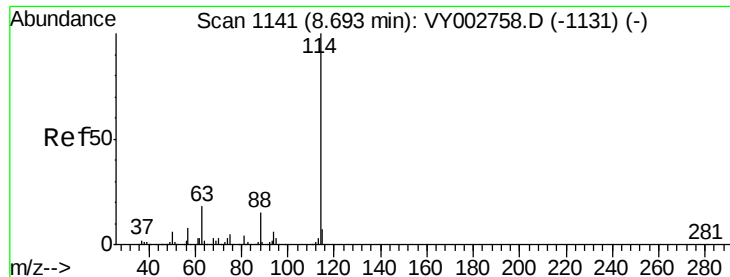
65 100

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

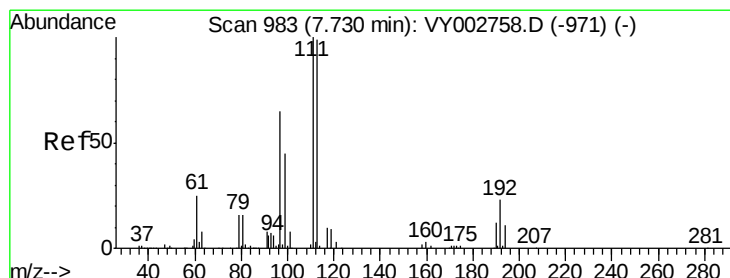
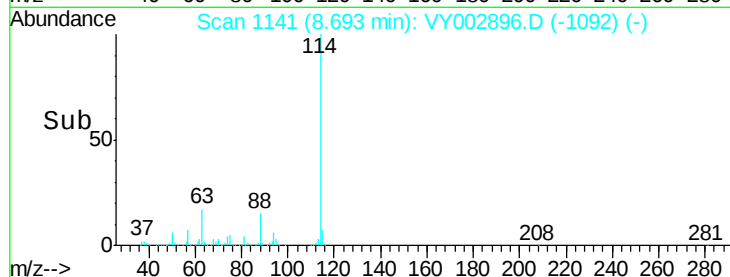
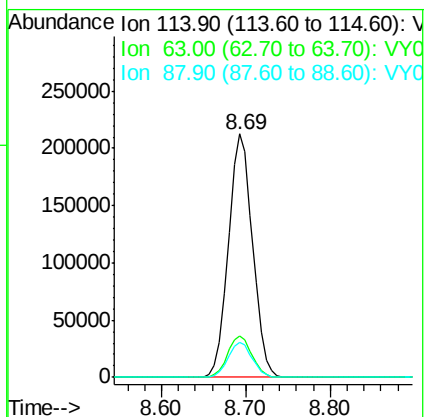
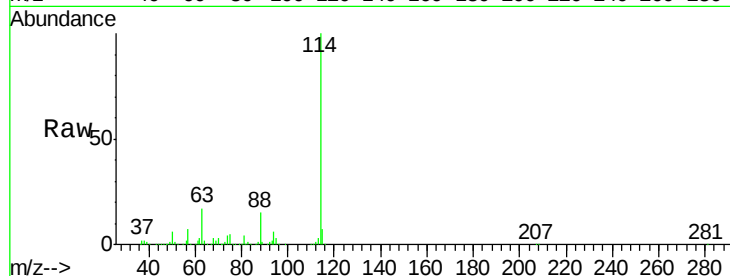




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002896.D
 Acq: 15 Jun 2020 12:20

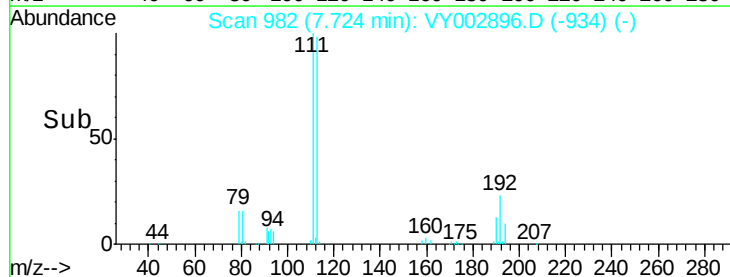
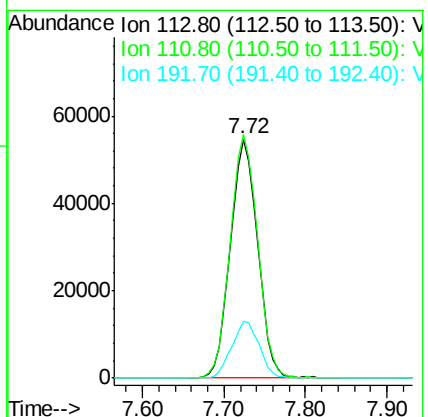
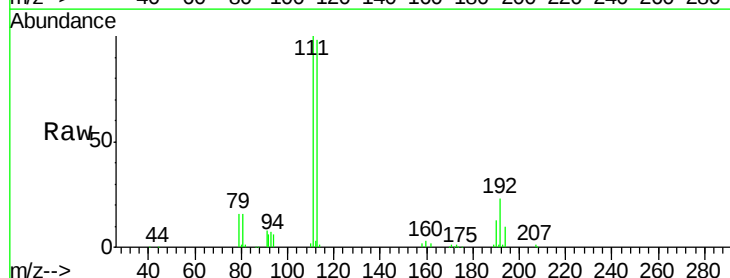
Instrument :
 MSVOA_Y
 ClientSampled :
 V-210

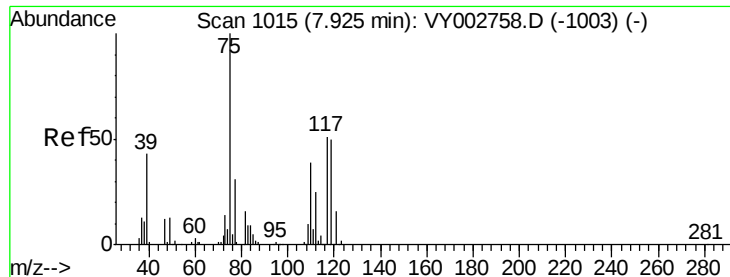
Tot Ion	Ratio	Lower	Upper
114	100		
63	16.9	0.0	35.2
88	14.6	0.0	29.2



#35
 Dibromofluoromethane
 Concen: 52.116 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002896.D
 Acq: 15 Jun 2020 12:20

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.0	123.0
192	23.9	18.9	28.3

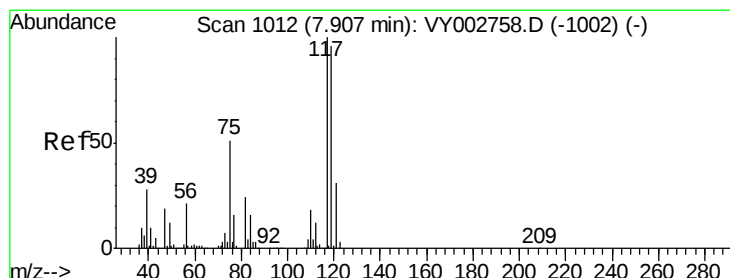
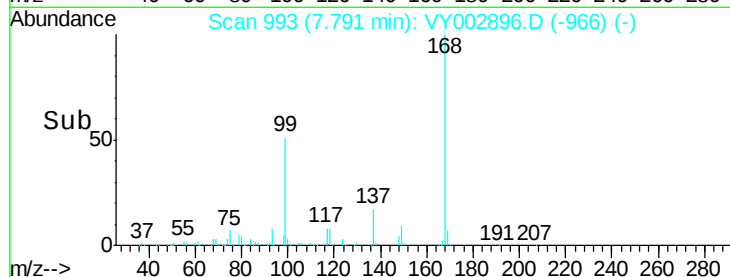
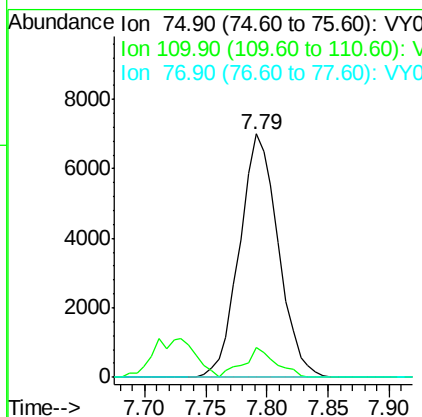
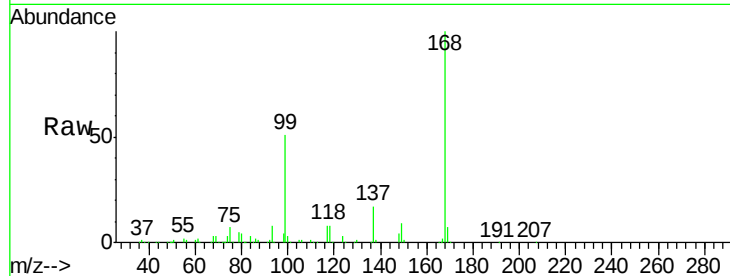




#36
 1,1-Dichloropropene
 Concen: 4.423 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VY002896.D
 Acq: 15 Jun 2020 12:20

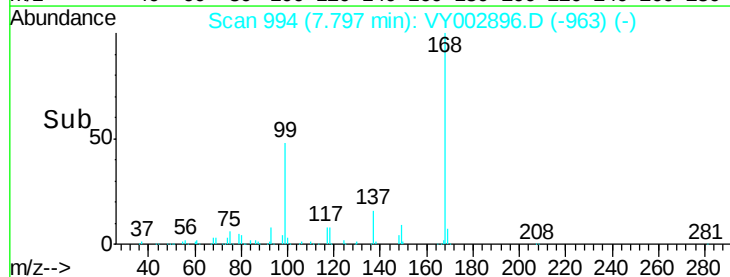
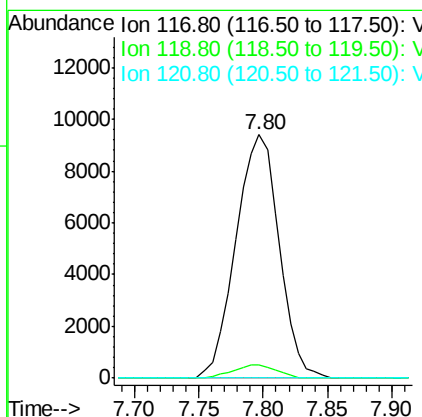
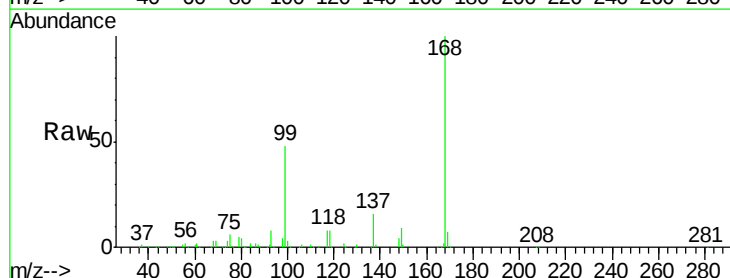
Instrument :
 MSVOA_Y
 ClientSampleId :
 V-210

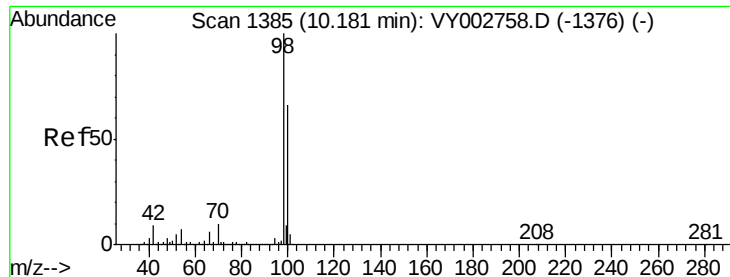
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.2	19.3	57.9#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 5.657 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.11 min
 Lab File: VY002896.D
 Acq: 15 Jun 2020 12:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.4	76.8	115.2#
121	0.0	24.8	37.2#





#50

Toluene-d8

Concen: 48.922 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002896.D

Acq: 15 Jun 2020 12:20

Instrument :

MSVOA_Y

ClientSampleId :

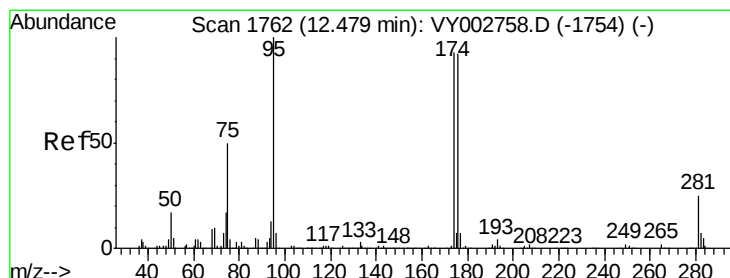
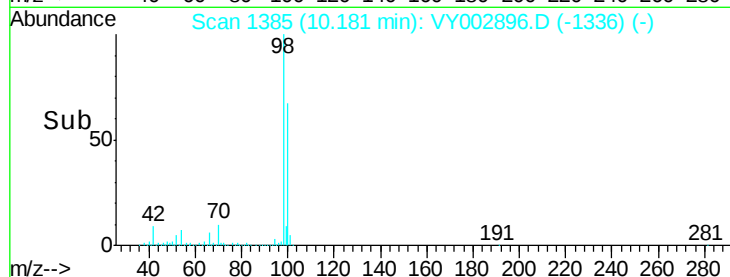
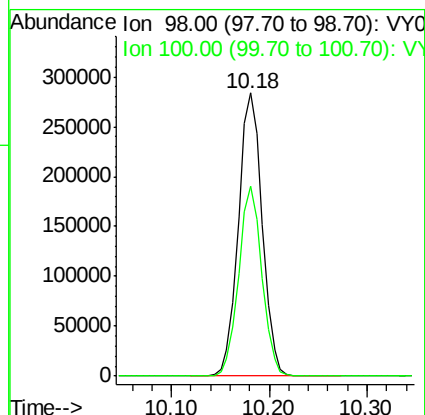
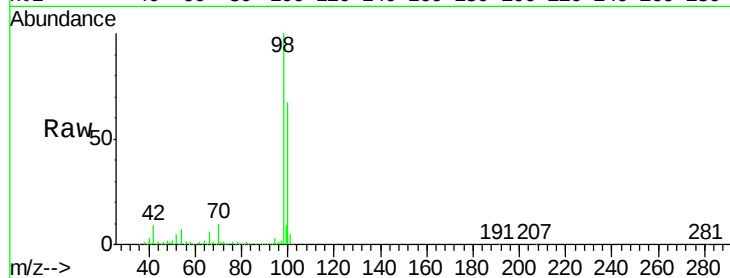
V-210

Tot Ion: 98 Resp: 478477

Ion Ratio Lower Upper

98 100

100 65.4 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 47.229 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002896.D

Acq: 15 Jun 2020 12:20

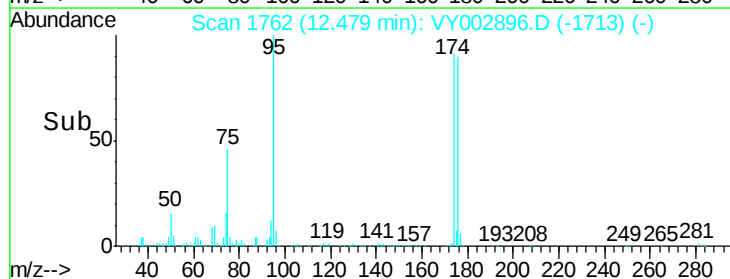
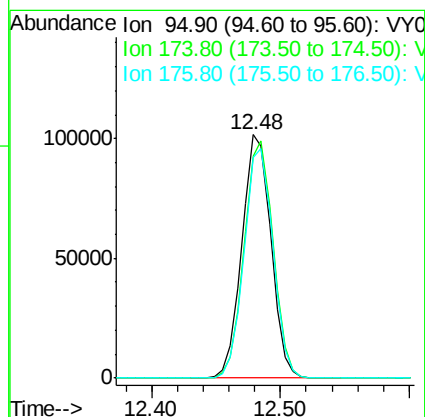
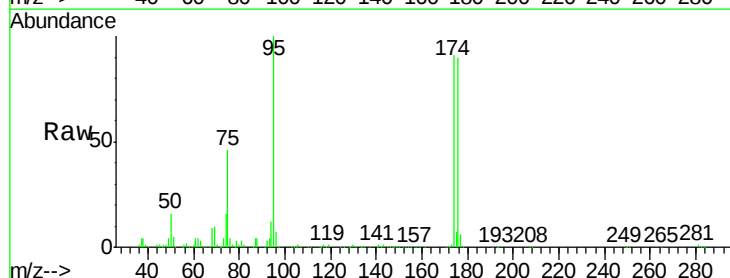
Tgt Ion: 95 Resp: 157864

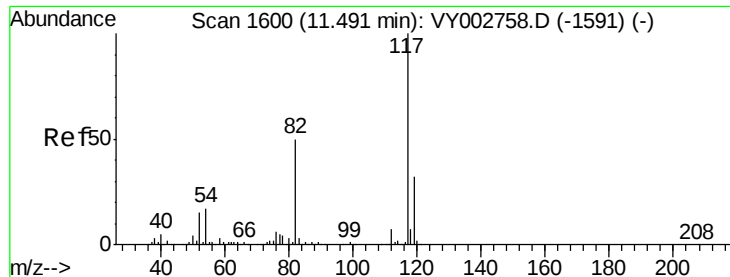
Ion Ratio Lower Upper

95 100

174 96.8 0.0 191.2

176 94.0 0.0 188.8

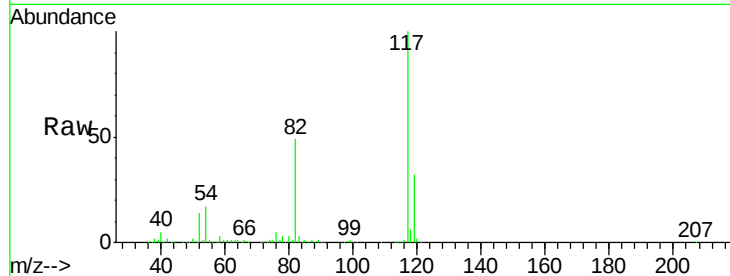




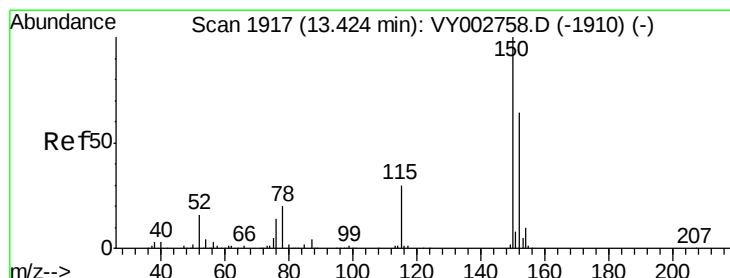
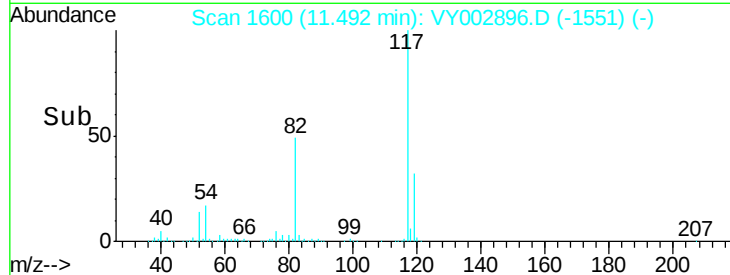
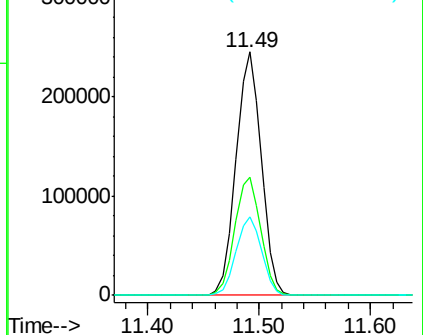
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002896.D
Acq: 15 Jun 2020 12:20

Instrument :
MSVOA_Y
ClientSampleId :
V-210

Tot Ion:117 Resp: 384642
Ion Ratio Lower Upper
117 100
82 48.6 40.2 60.4
119 32.2 25.8 38.8

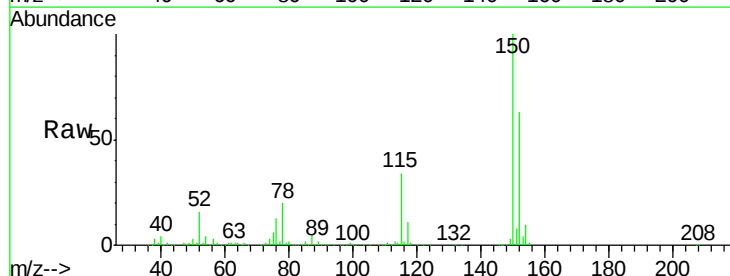


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

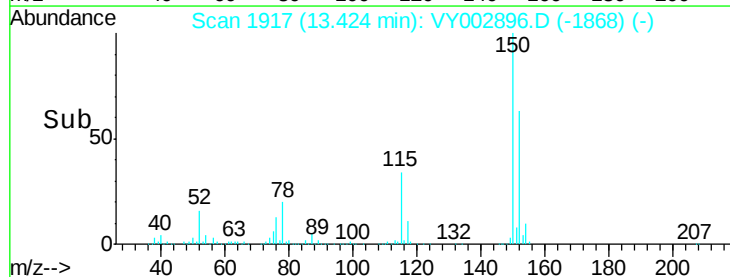
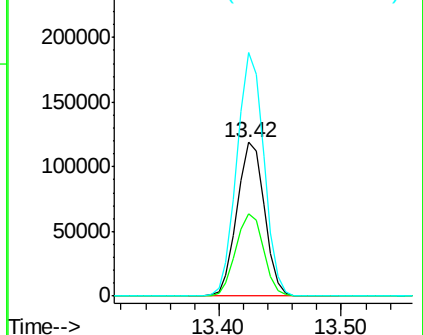


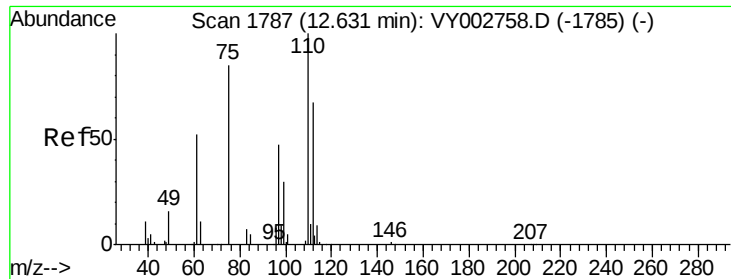
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002896.D
Acq: 15 Jun 2020 12:20

Tgt Ion:152 Resp: 184703
Ion Ratio Lower Upper
152 100
115 54.1 27.0 81.0
150 156.2 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: 44.940 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY002896.D

Acq: 15 Jun 2020 12:20

Instrument :

MSVOA_Y

ClientSampled :

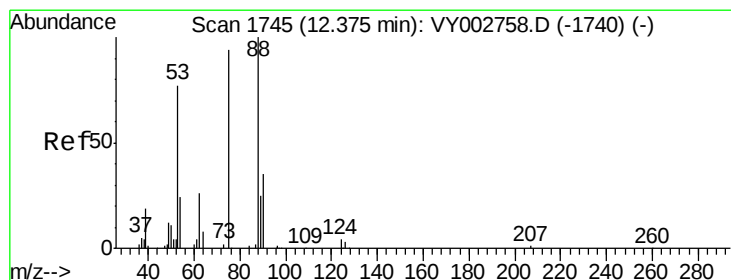
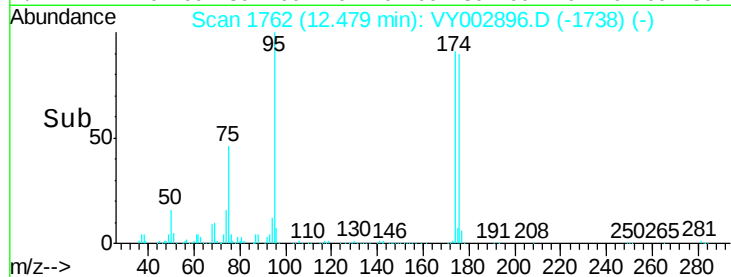
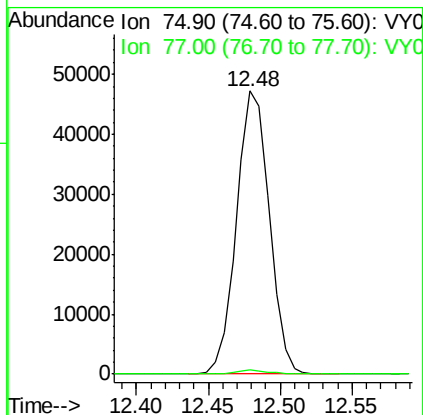
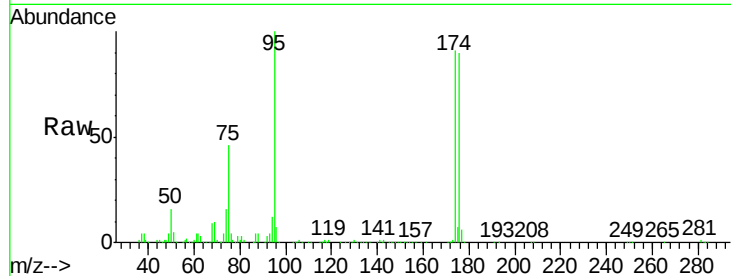
V-210

Tot Ion: 75 Resp: 74794

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 84.667 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002896.D

Acq: 15 Jun 2020 12:20

Tgt Ion: 75 Resp: 74794

Ion Ratio Lower Upper

75 100

53 0.0 64.0 96.0#

89 0.0 37.4 56.2#

