

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY060420\
 Data File : VY002836.D
 Acq On : 04 Jun 2020 12:31
 Operator : SY/MD
 Sample : VY0604SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0604SBL01

Quant Time: Jun 04 16:22:14 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	282268	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	461370	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	432047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	219686	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	141446	57.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.42%	
35) Dibromofluoromethane	7.72	113	143139	52.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.88%	
50) Toluene-d8	10.18	98	534992	48.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.88%	
62) 4-Bromofluorobenzene	12.48	95	186074	49.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.60%	

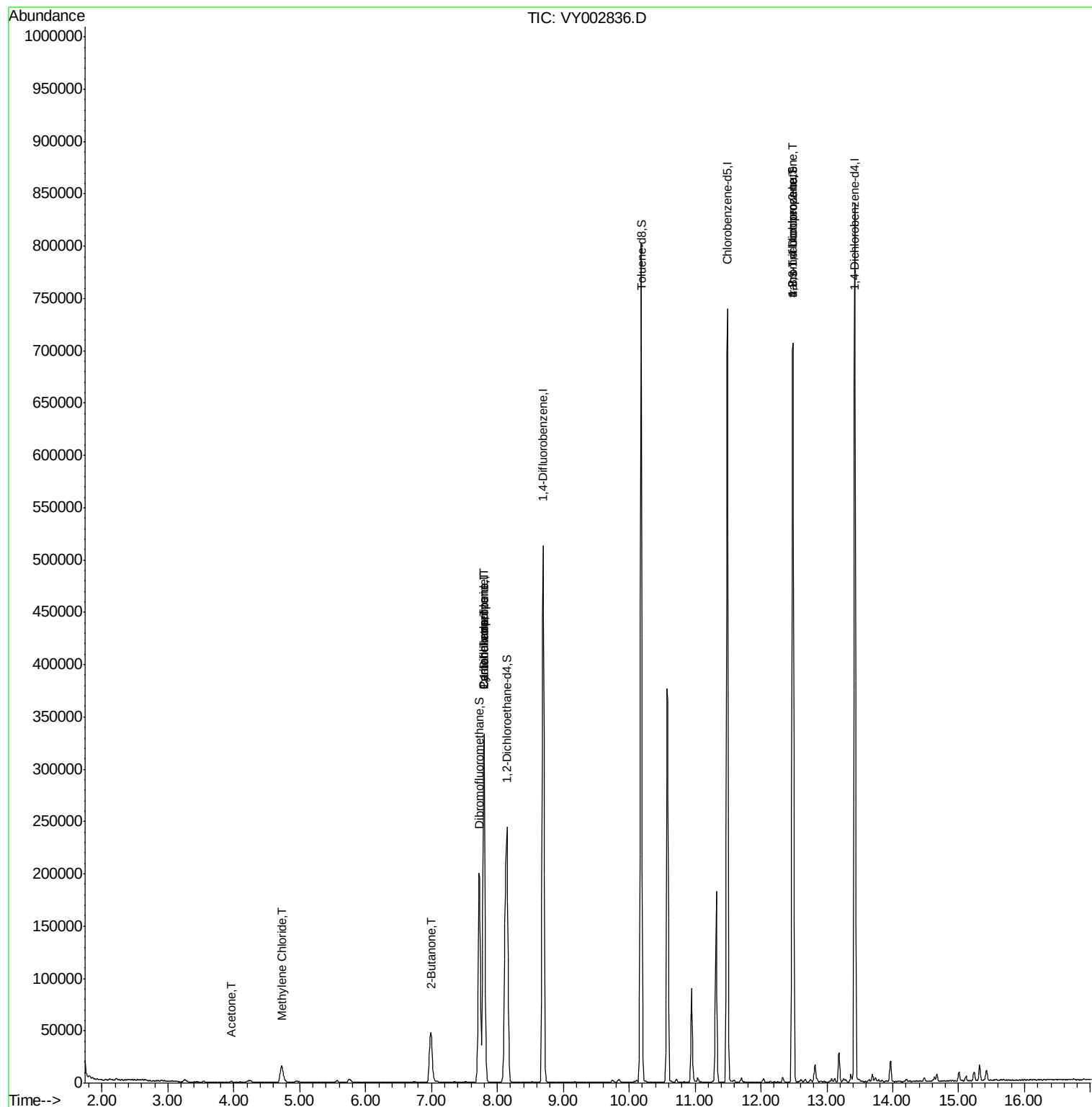
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.96	59	1621	Below Cal	#	74
16) Acetone	3.96	43	1539	2.68	ug/l	98
18) Methyl Acetate	4.49	43	461	Below Cal	#	88
20) Methylene Chloride	4.72	84	12893	4.59	ug/l	95
25) 2-Butanone	7.00	43	2532	2.83	ug/l	# 62
31) Cyclohexane	7.79	56	4365	1.05	ug/l	# 1
36) 1,1-Dichloropropene	7.80	75	17309	4.45	ug/l	# 50
38) Carbon Tetrachloride	7.80	117	24494	5.67	ug/l	# 16
76) 1,2,3-Trichloropropane	12.48	75	89991	45.46	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.48	75	89991	85.65	ug/l	# 17

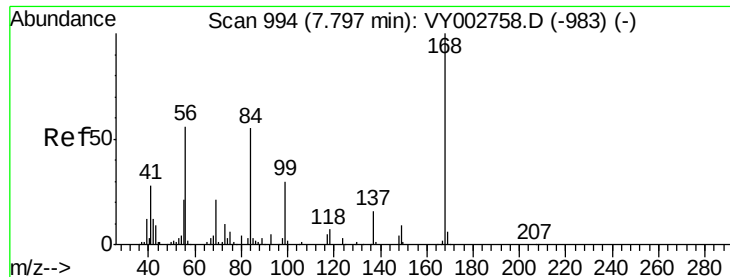
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY060420\
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Acq On : 04 Jun 2020 12:31
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Misc : 5.00G/5ML/MSVOA_Y/SOIL
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Quant Time: Jun 04 16:22:14 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: 50.00 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002836.D

Acq: 04 Jun 2020 12:31

Instrument :

MSVOA_Y

ClientSampleId :

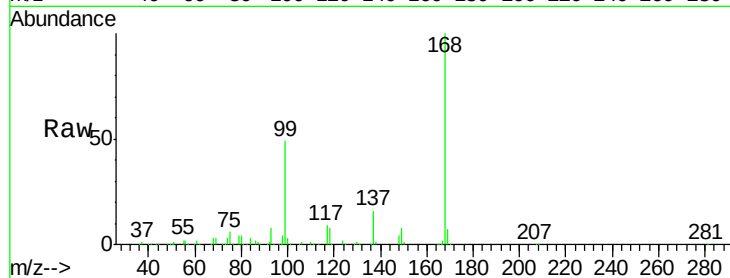
VY0604SBL01

Tgt Ion:168 Resp: 282268

Ion Ratio Lower Upper

168 100

99 49.5 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

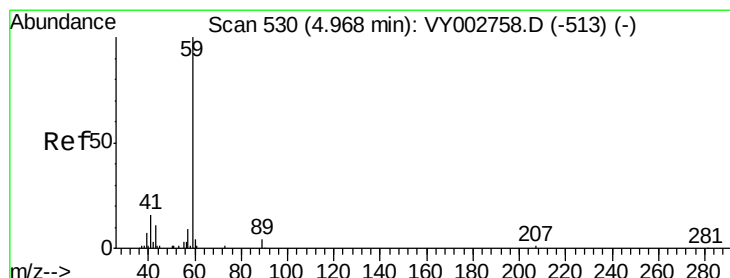
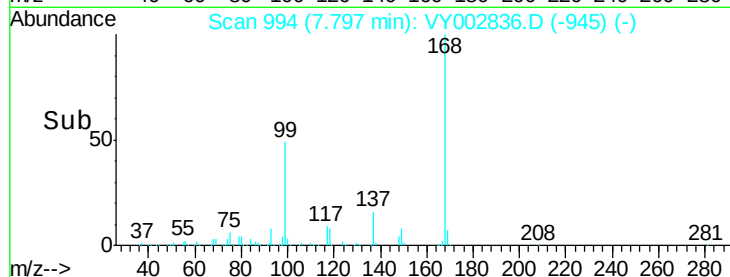
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.96 min Scan# 529

Delta R.T. -0.01 min

Lab File: VY002836.D

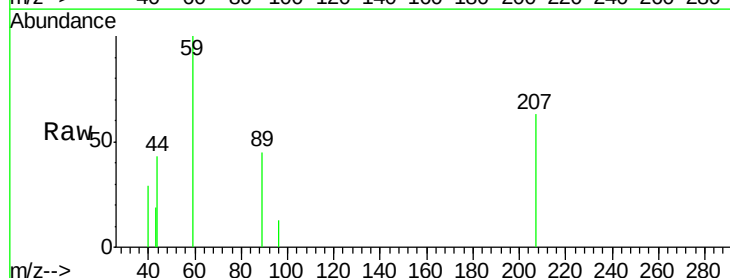
Acq: 04 Jun 2020 12:31

Tgt Ion: 59 Resp: 1621

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

600

500

400

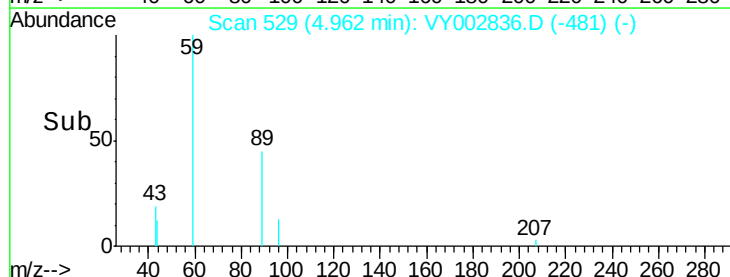
300

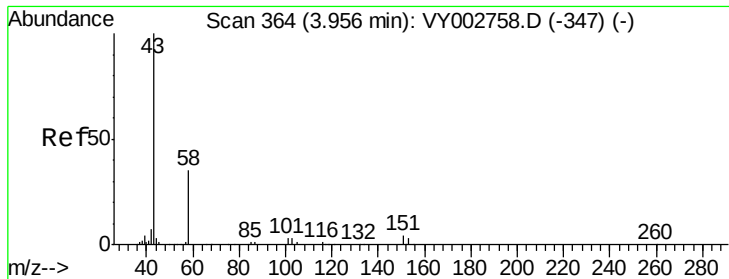
200

100

0

Time-->





#16

Acetone

Concen: 2.68 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY002836.D

Acq: 04 Jun 2020 12:31

Instrument :

MSVOA_Y

ClientSampleId :

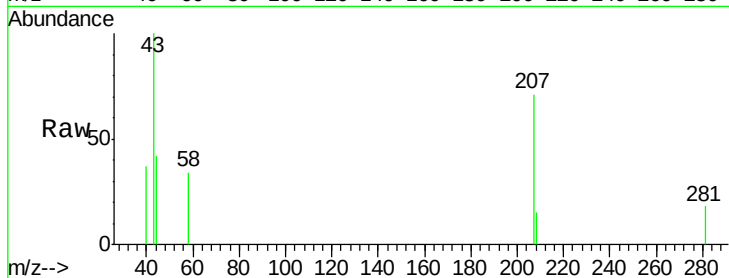
VY0604SBL01

Tgt Ion: 43 Resp: 1539

Ion Ratio Lower Upper

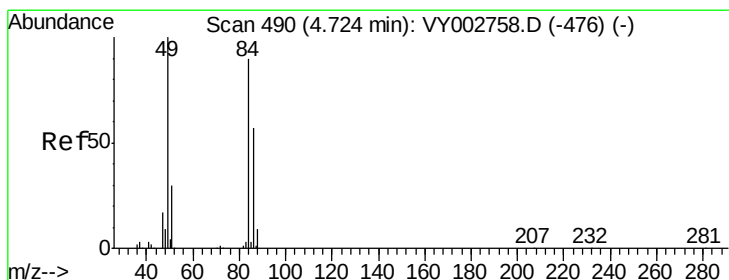
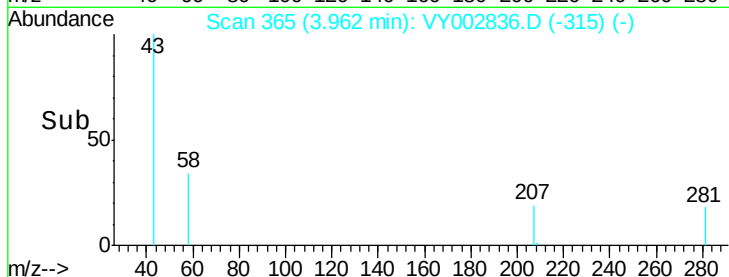
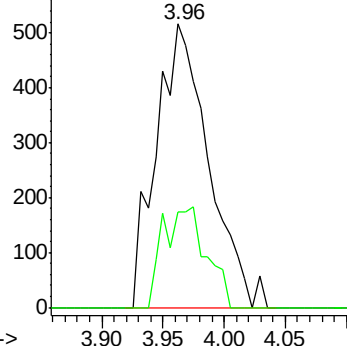
43 100

58 33.7 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#20

Methylene Chloride

Concen: 4.59 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY002836.D

Acq: 04 Jun 2020 12:31

Tgt Ion: 84 Resp: 12893

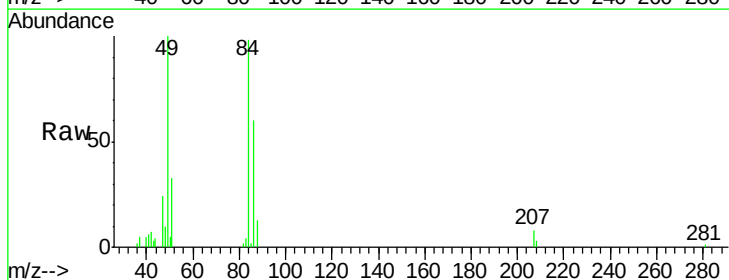
Ion Ratio Lower Upper

84 100

49 102.2 88.5 132.7

51 34.1 26.8 40.2

86 61.4 50.6 75.8

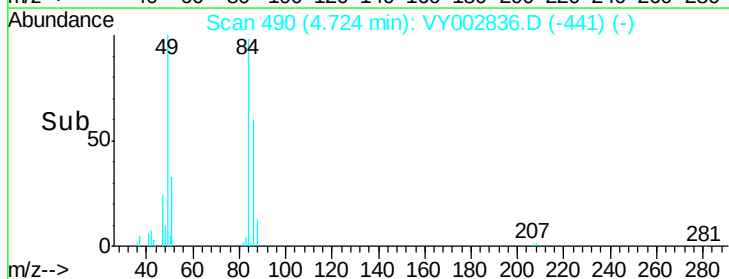
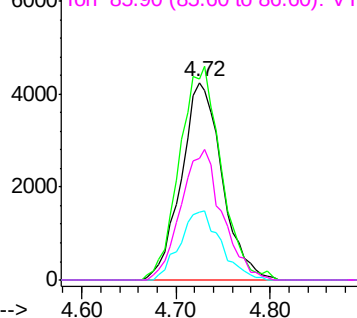


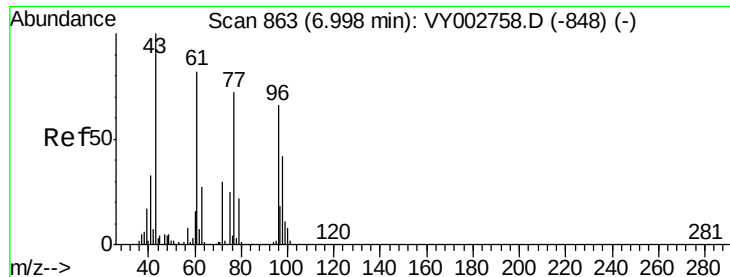
Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0

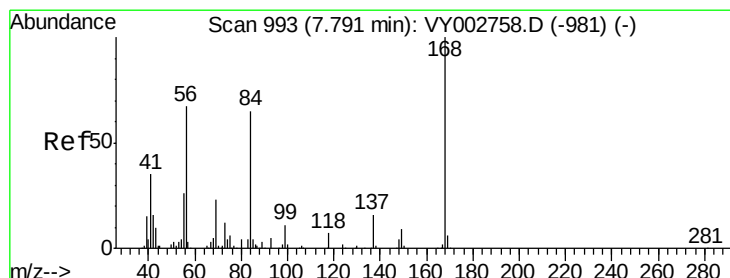
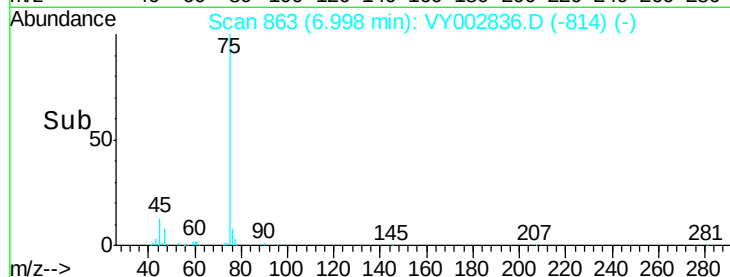
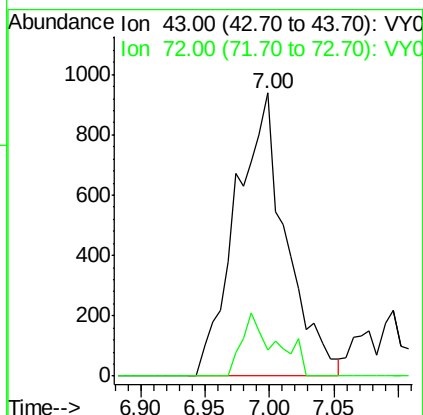
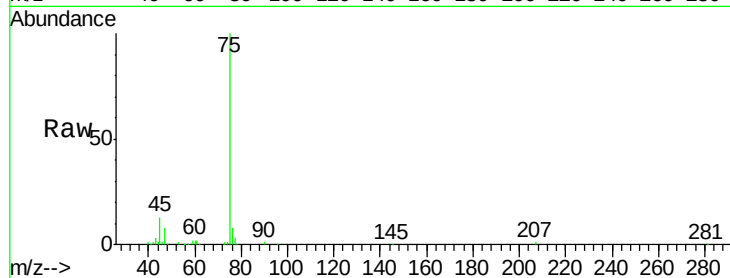




#25
2-Butanone
Concen: 2.83 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY002836.D
Acq: 04 Jun 2020 12:31

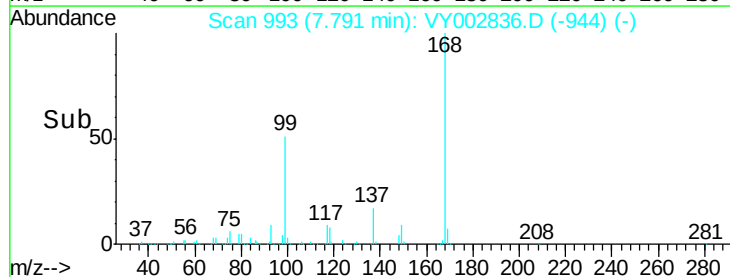
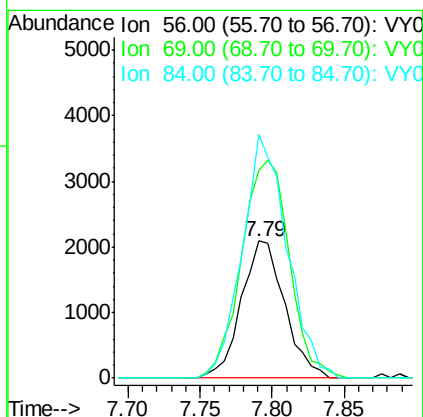
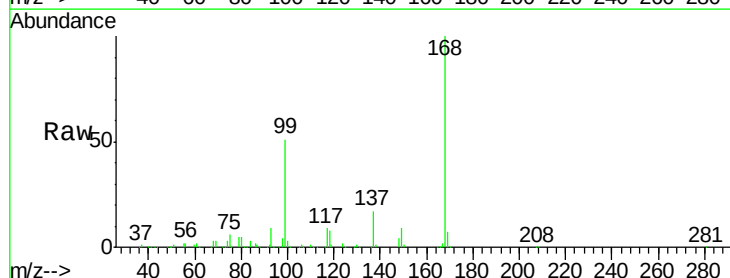
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBL01

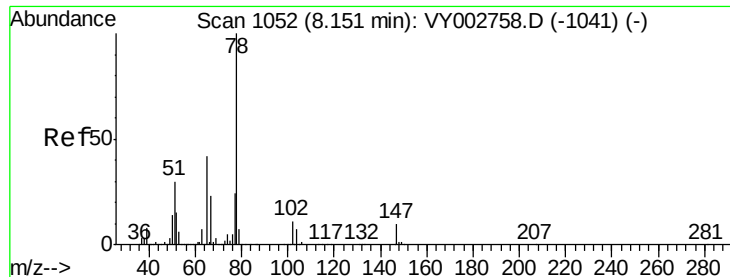
Tgt Ion: 43 Resp: 2532
Ion Ratio Lower Upper
43 100
72 9.3 23.9 35.9#



#31
Cyclohexane
Concen: 1.05 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY002836.D
Acq: 04 Jun 2020 12:31

Tgt Ion: 56 Resp: 4365
Ion Ratio Lower Upper
56 100
69 151.6 28.0 42.0#
84 177.6 77.7 116.5#

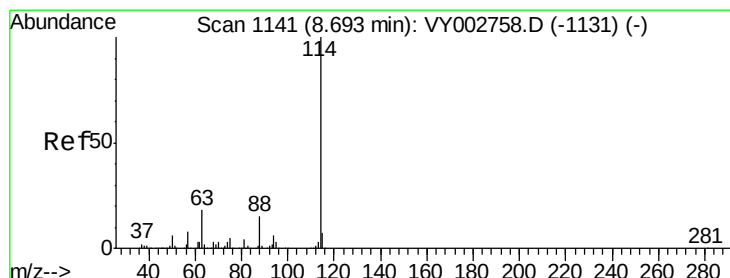
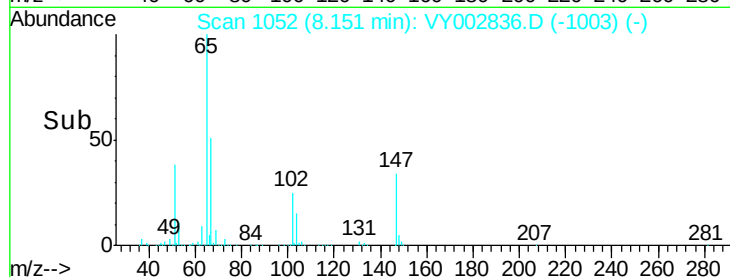
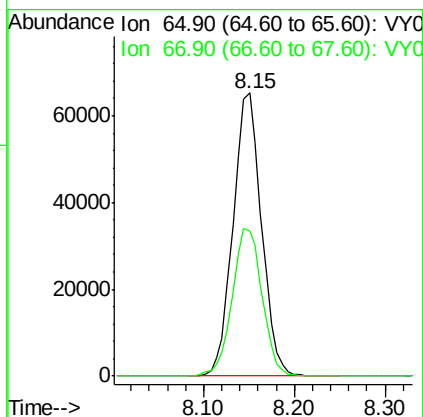
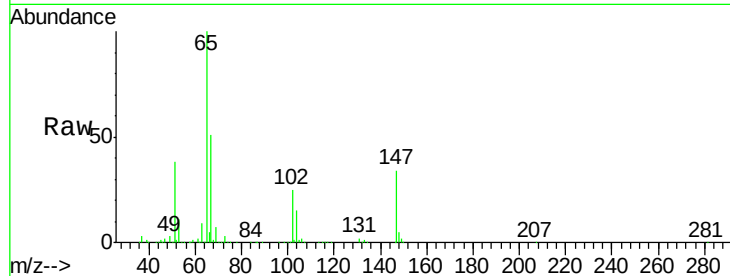




#33
 1,2-Dichloroethane-d4
 Concen: 57.71 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002836.D
 Acq: 04 Jun 2020 12:31

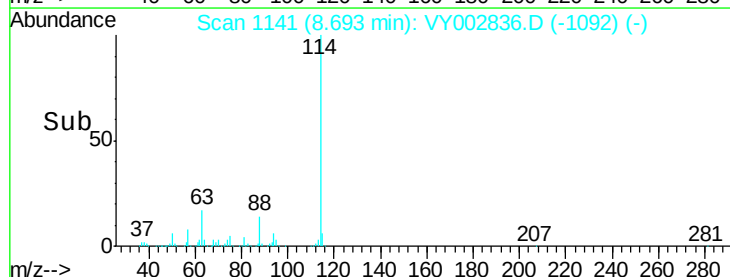
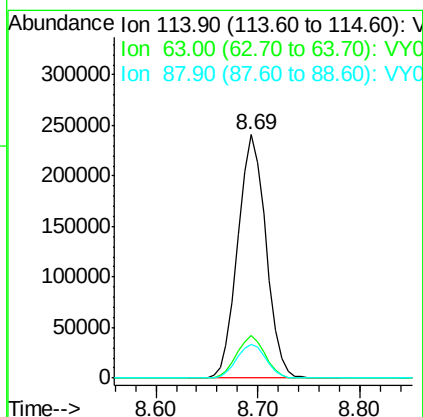
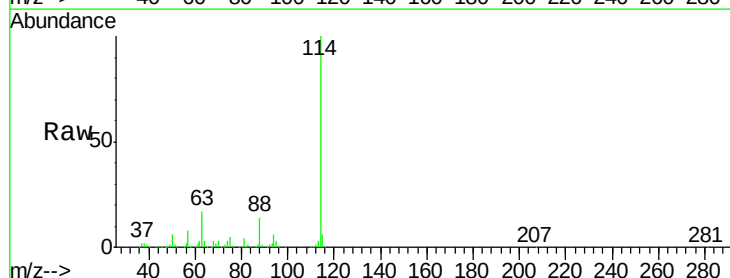
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0604SBL01

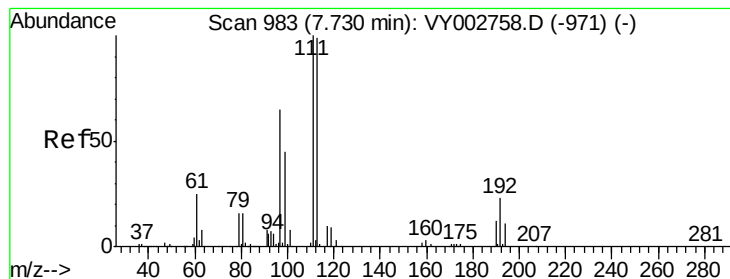
Tgt Ion: 65 Resp: 141446
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002836.D
 Acq: 04 Jun 2020 12:31

Tgt Ion: 114 Resp: 461370
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 35.2
 88 14.1 0.0 29.2





#35

Dibromofluoromethane

Concen: 52.94 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002836.D

Acq: 04 Jun 2020 12:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBL01

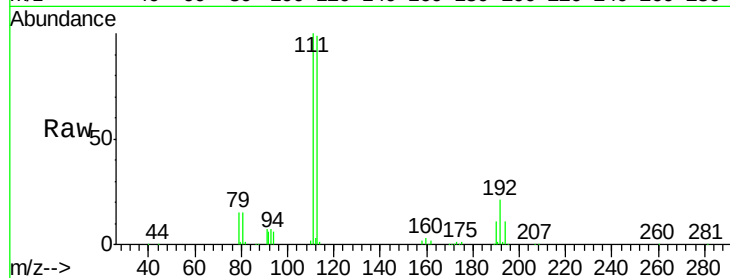
Tgt Ion: 113 Resp: 143139

Ion Ratio Lower Upper

113 100

111 102.3 82.0 123.0

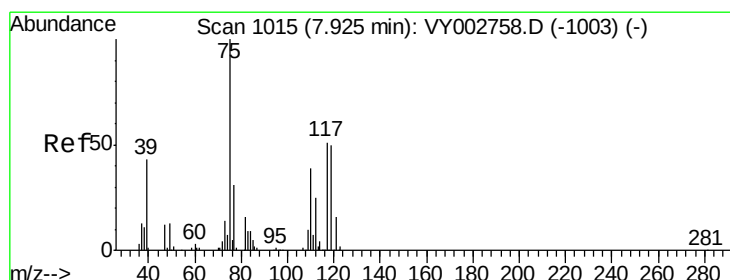
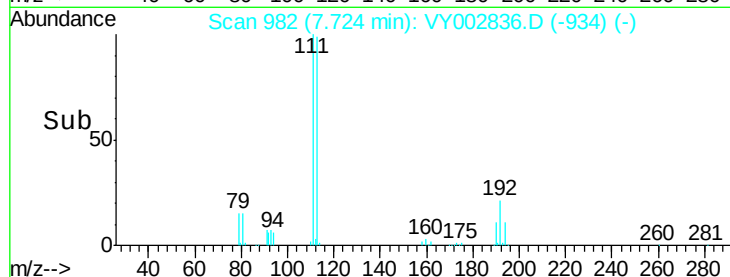
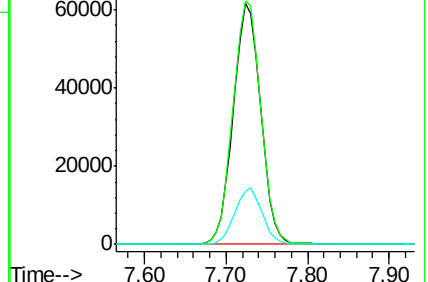
192 23.0 18.9 28.3



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: 4.45 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY002836.D

Acq: 04 Jun 2020 12:31

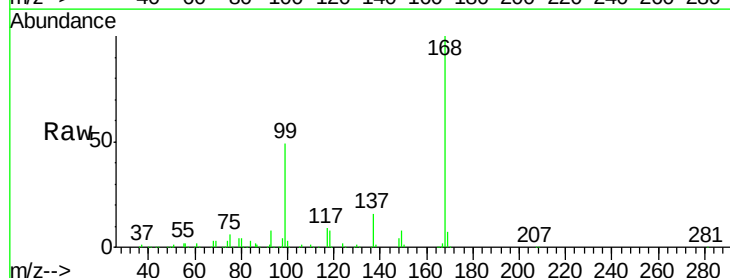
Tgt Ion: 75 Resp: 17309

Ion Ratio Lower Upper

75 100

110 11.2 19.3 57.9#

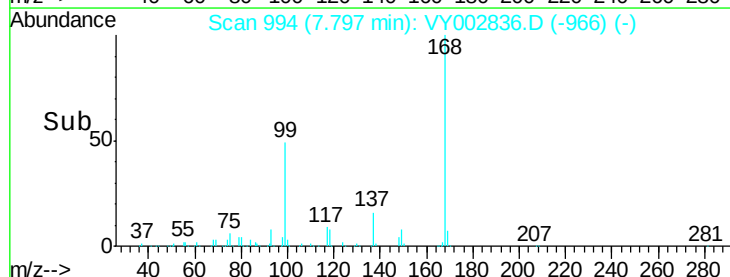
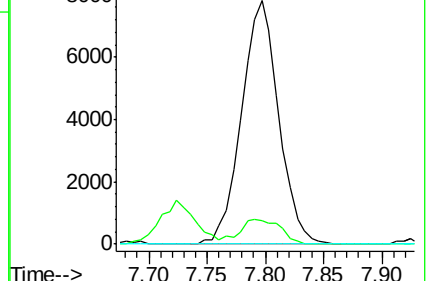
77 0.0 24.8 37.2#

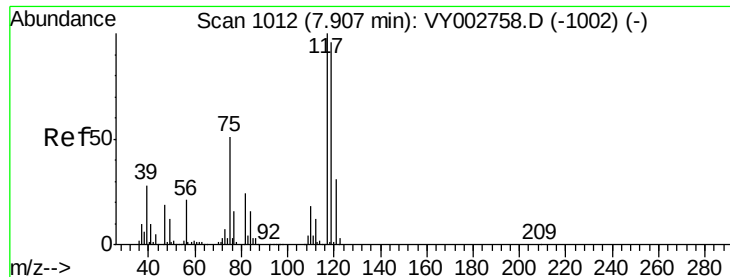


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#38

Carbon Tetrachloride

Concen: 5.67 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY002836.D

Acq: 04 Jun 2020 12:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBL01

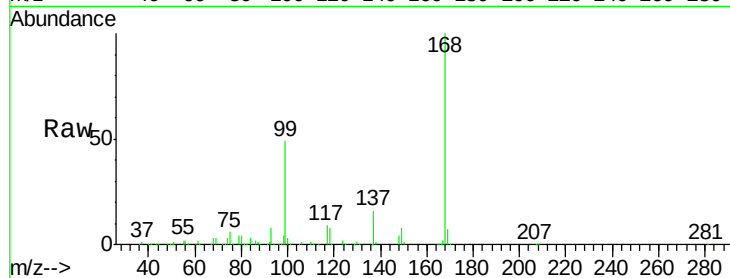
Tgt Ion:117 Resp: 24494

Ion Ratio Lower Upper

117 100

119 5.0 76.8 115.2#

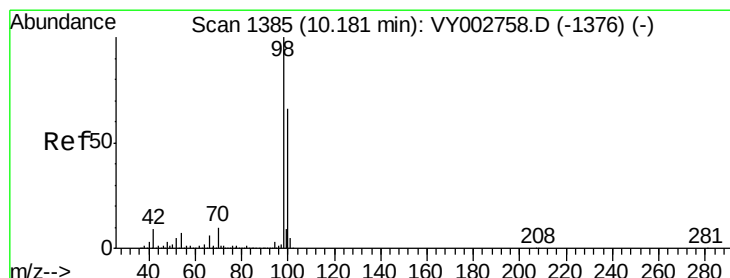
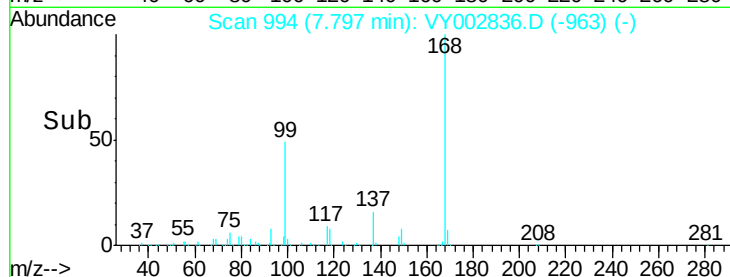
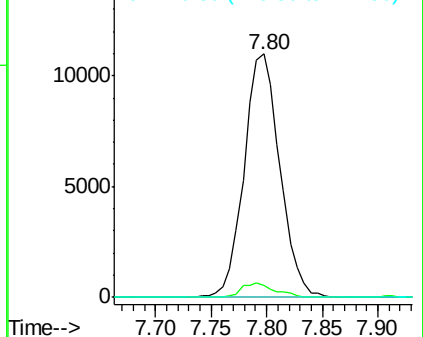
121 0.0 24.8 37.2#



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: 48.94 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002836.D

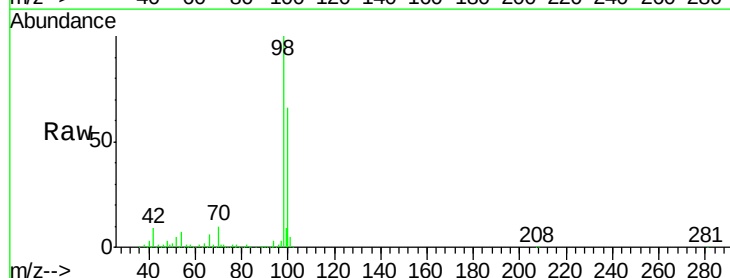
Acq: 04 Jun 2020 12:31

Tgt Ion: 98 Resp: 534992

Ion Ratio Lower Upper

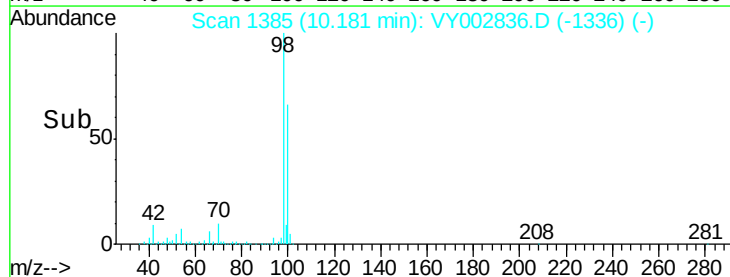
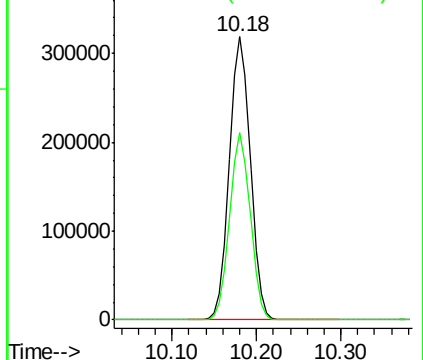
98 100

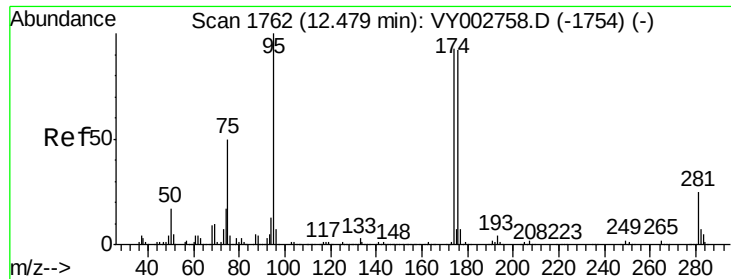
100 65.0 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

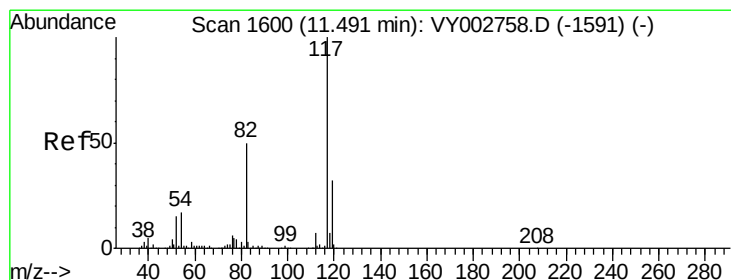
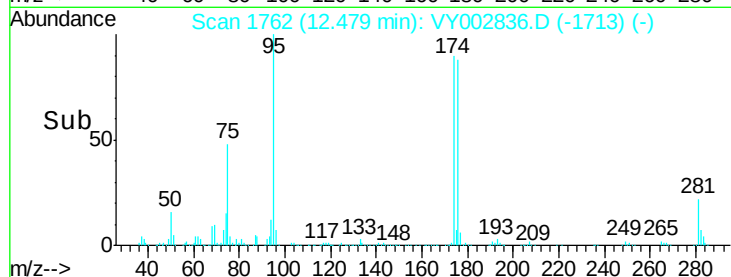
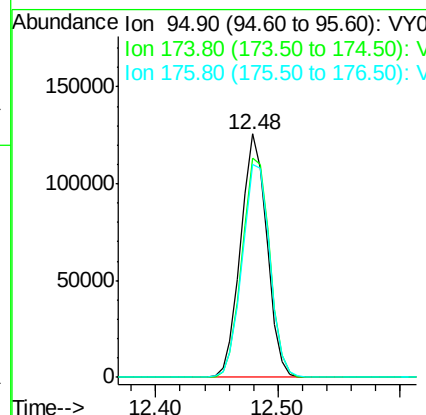
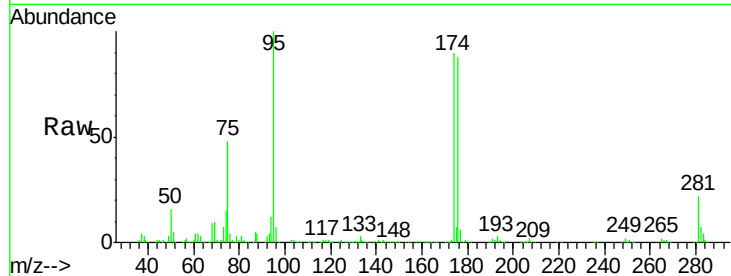




#62
4-Bromofluorobenzene
Concen: 49.80 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY002836.D
Acq: 04 Jun 2020 12:31

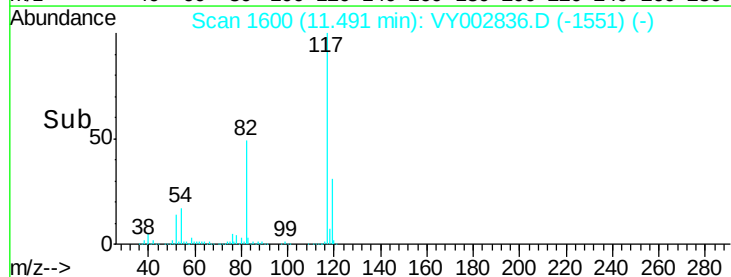
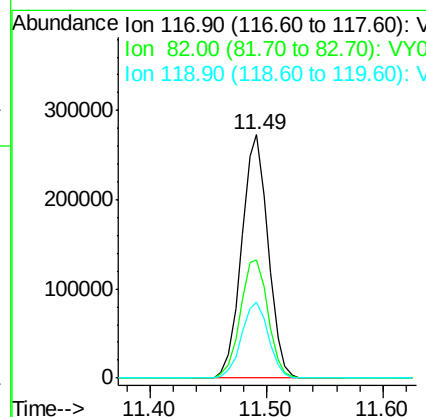
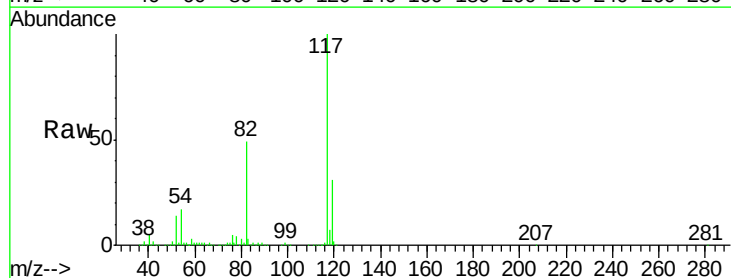
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBL01

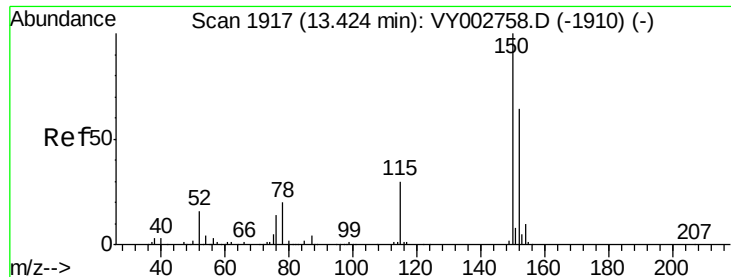
Tgt Ion: 95 Resp: 186074
Ion Ratio Lower Upper
95 100
174 94.8 0.0 191.2
176 92.2 0.0 188.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002836.D
Acq: 04 Jun 2020 12:31

Tgt Ion: 117 Resp: 432047
Ion Ratio Lower Upper
117 100
82 48.5 40.2 60.4
119 31.4 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY002836.D

Acq: 04 Jun 2020 12:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBL01

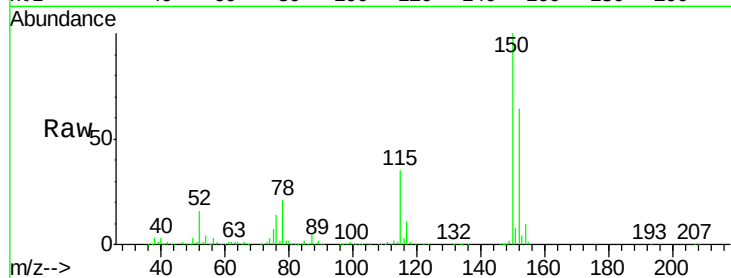
Tgt Ion:152 Resp: 219686

Ion Ratio Lower Upper

152 100

115 54.1 27.0 81.0

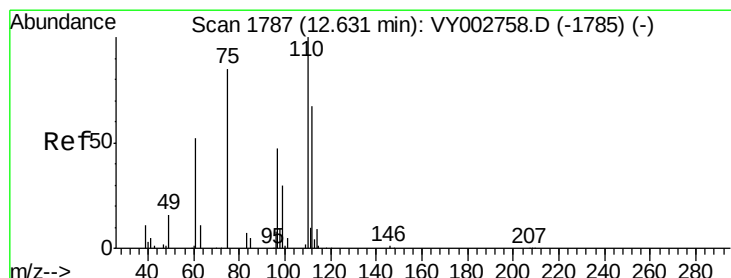
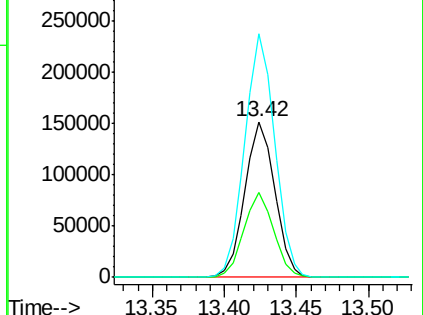
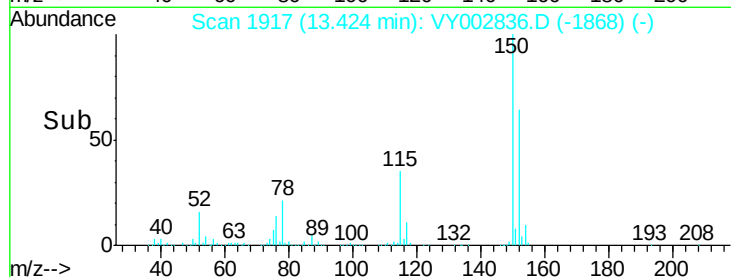
150 156.4 0.0 344.8



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: 45.46 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY002836.D

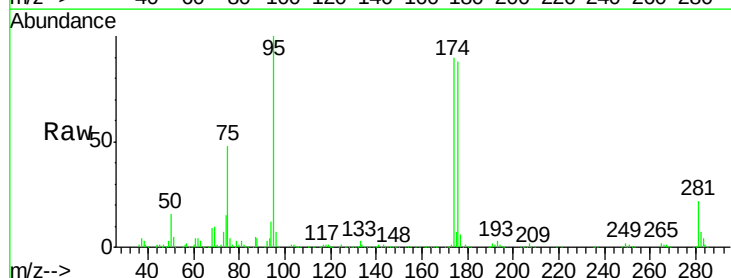
Acq: 04 Jun 2020 12:31

Tgt Ion: 75 Resp: 89991

Ion Ratio Lower Upper

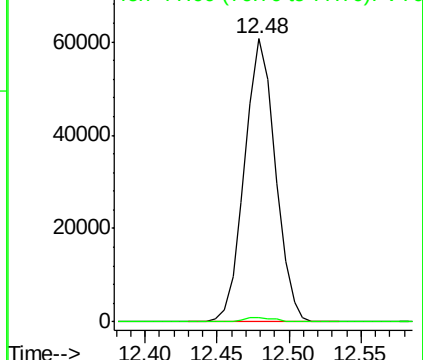
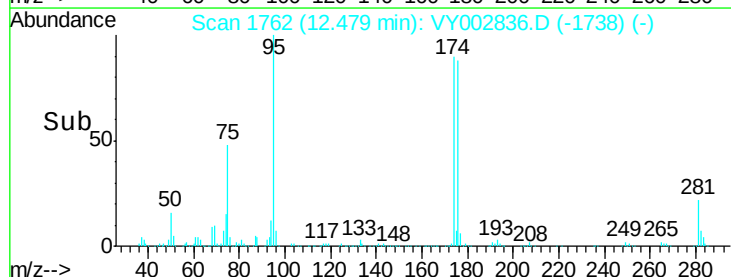
75 100

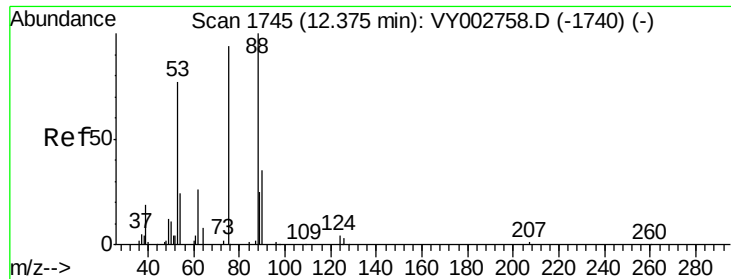
77 1.5 0.0 0.0#



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: 85.65 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002836.D

Acq: 04 Jun 2020 12:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBL01

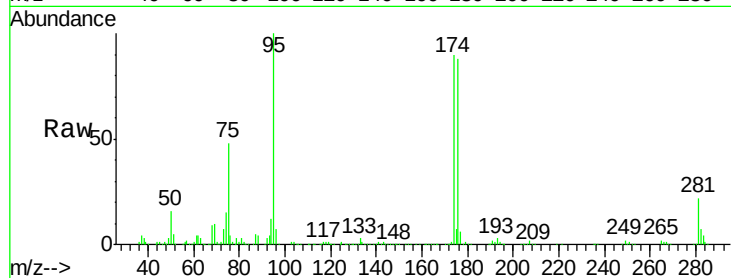
Tgt Ion: 75 Resp: 89991

Ion Ratio Lower Upper

75 100

53 0.0 64.0 96.0#

89 0.3 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

