

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY022820\
 Data File : VY001796.D
 Acq On : 28 Feb 2020 12:06
 Operator : SY/MD
 Sample : L1723-01
 Misc : 5.03G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B3-(1.5-2)

Quant Time: Feb 28 12:50:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	150230	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	279664	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	218612	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	55038	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	86178	53.33	ug/l	0.00
Spiked Amount						
Recovery						
35) Dibromofluoromethane	7.74	113	83089	51.87	ug/l	-0.01
Spiked Amount						
Recovery						
50) Toluene-d8	10.19	98	331053	52.75	ug/l	0.00
Spiked Amount						
Recovery						
62) 4-Bromofluorobenzene	12.49	95	77840	31.93	ug/l	0.00
Spiked Amount						
Recovery						

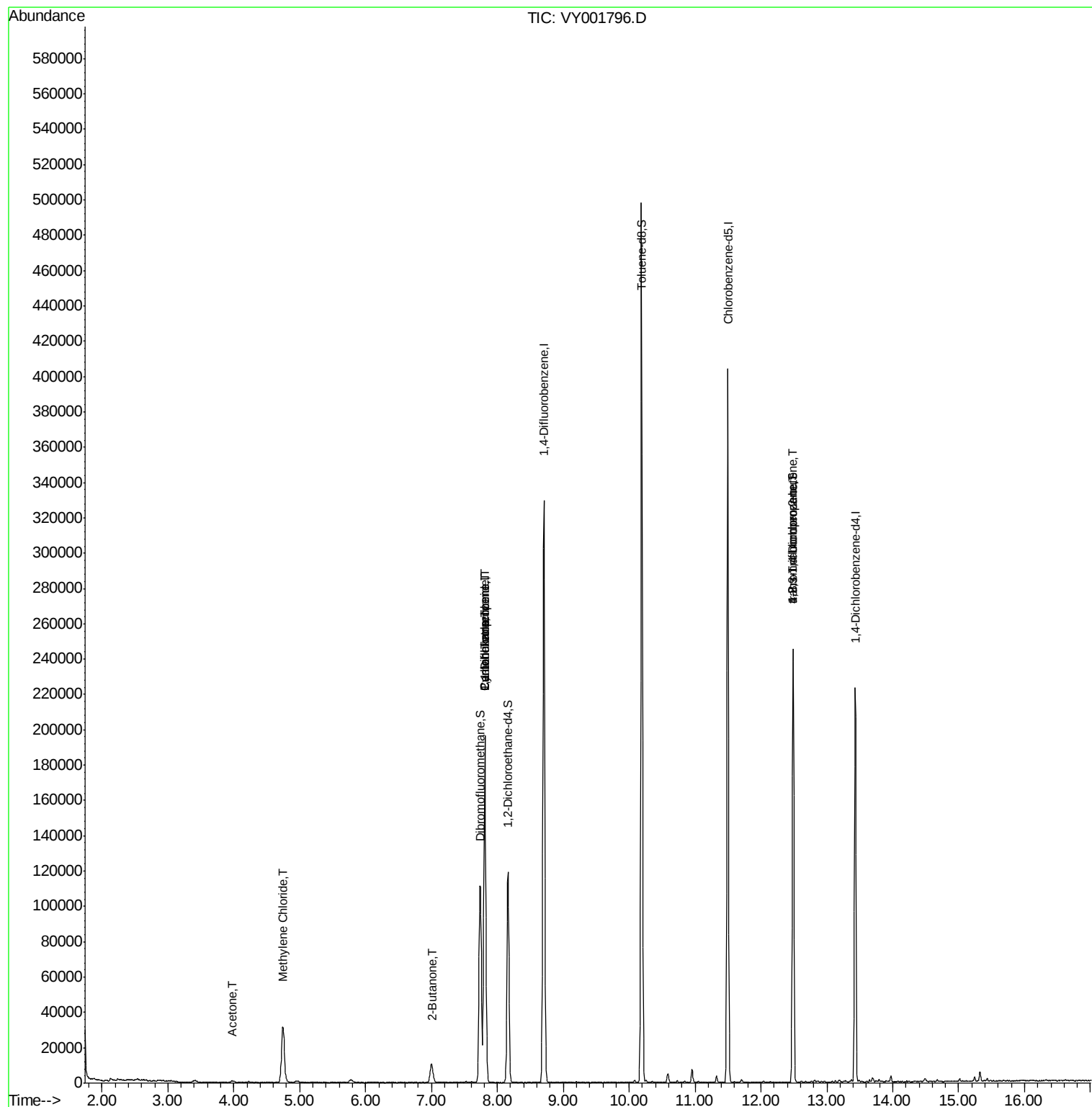
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.99	59	1577	Below Cal	#	74
16) Acetone	3.97	43	1950	3.49	ug/l #	83
20) Methylene Chloride	4.74	84	23829	12.00	ug/l	98
25) 2-Butanone	7.02	43	1170	1.54	ug/l #	85
31) Cyclohexane	7.80	56	3491	1.03	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	12856	4.81	ug/l #	49
38) Carbon Tetrachloride	7.82	117	14593	6.22	ug/l #	18
58) 2-Chloroethyl Vinyl ether	9.79	63	75	Below Cal	#	48
76) 1,2,3-Trichloropropane	12.49	75	40472	64.10	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	40472	121.61	ug/l #	17

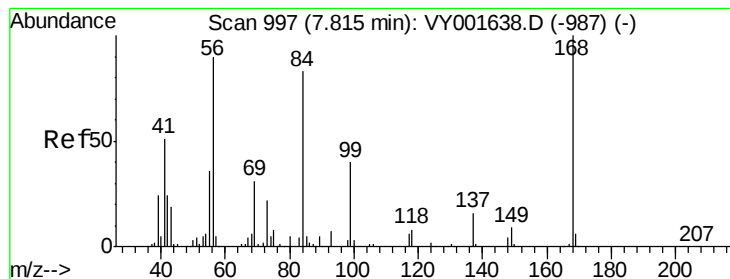
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001796.D

Acq: 28 Feb 2020 12:06

Instrument :

MSVOA_Y

ClientSampleId :

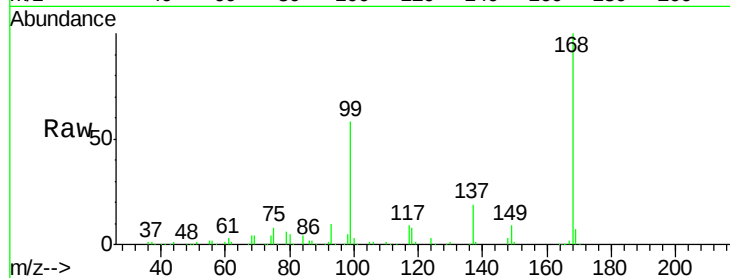
B3-(1.5-2)

Tgt Ion:168 Resp: 150230

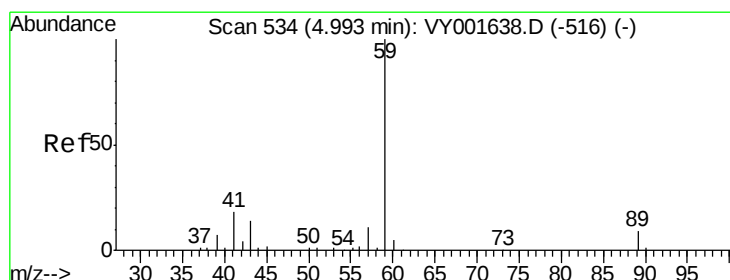
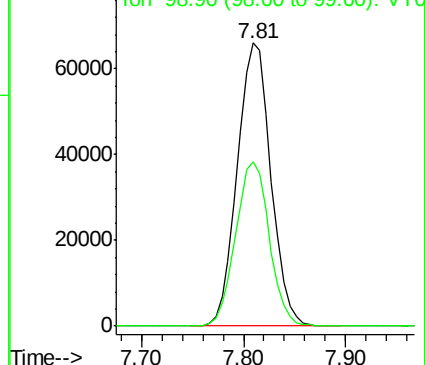
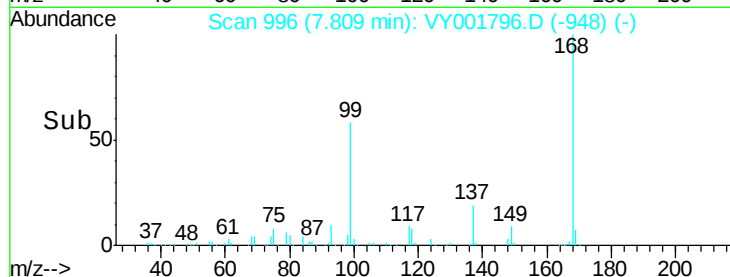
Ion Ratio Lower Upper

168 100

99 57.9 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001796.D (-948) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.99 min Scan# 533

Delta R.T. -0.01 min

Lab File: VY001796.D

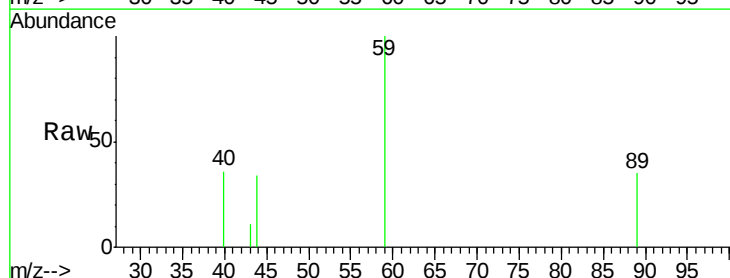
Acq: 28 Feb 2020 12:06

Tgt Ion: 59 Resp: 1577

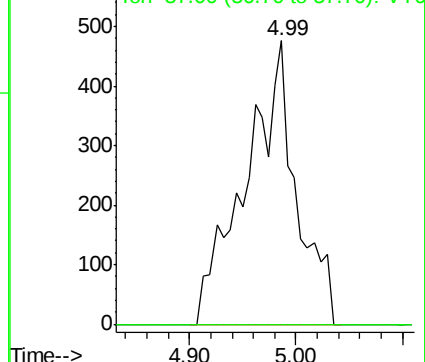
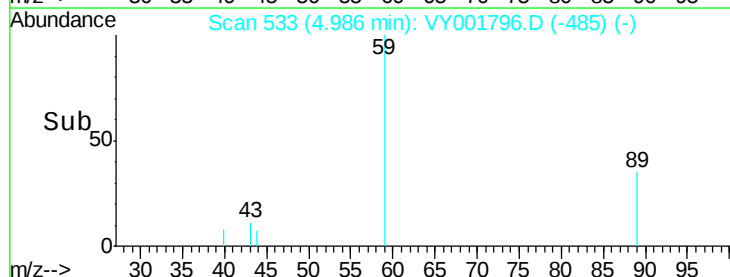
Ion Ratio Lower Upper

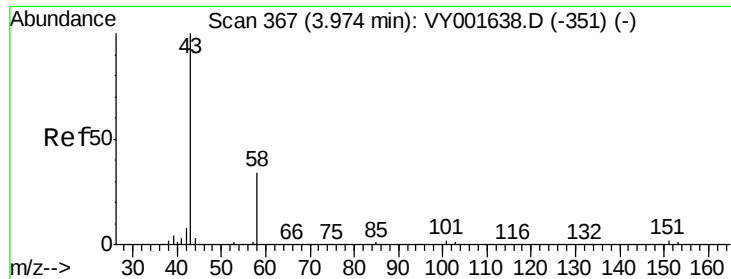
59 100

57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001796.D (-485) (-)





#16

Acetone

Concen: 3.49 ug/l

RT: 3.97 min Scan# 367

Delta R.T. -0.00 min

Lab File: VY001796.D

Acq: 28 Feb 2020 12:06

Instrument :

MSVOA_Y

ClientSampleId :

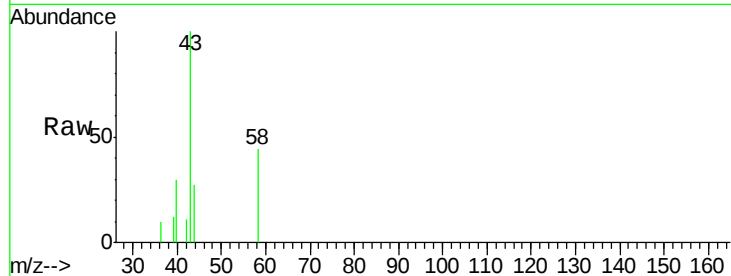
B3-(1.5-2)

Tgt Ion: 43 Resp: 1950

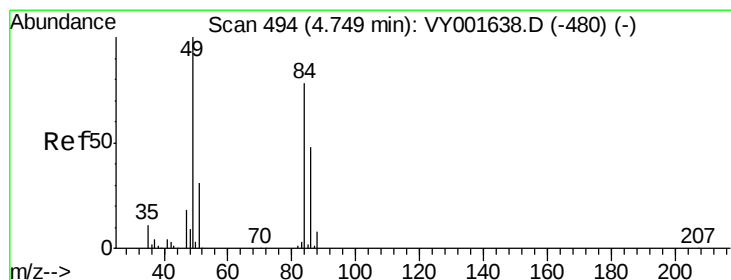
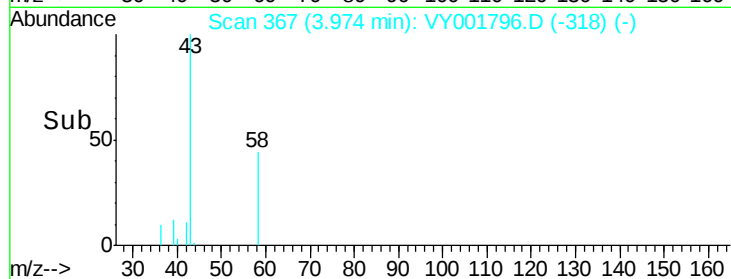
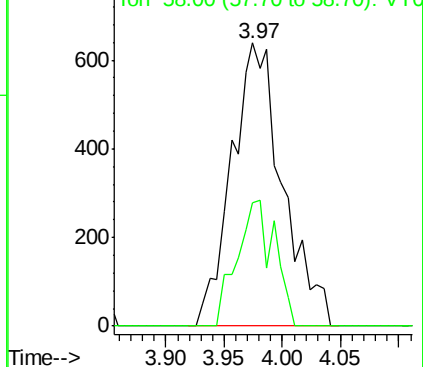
Ion Ratio Lower Upper

43 100

58 43.6 27.3 40.9#



Abundance Ion 43.00 (42.70 to 43.70): VY001796.D (-367) (-)



#20

Methylene Chloride

Concen: 12.00 ug/l

RT: 4.74 min Scan# 493

Delta R.T. -0.01 min

Lab File: VY001796.D

Acq: 28 Feb 2020 12:06

Tgt Ion: 84 Resp: 23829

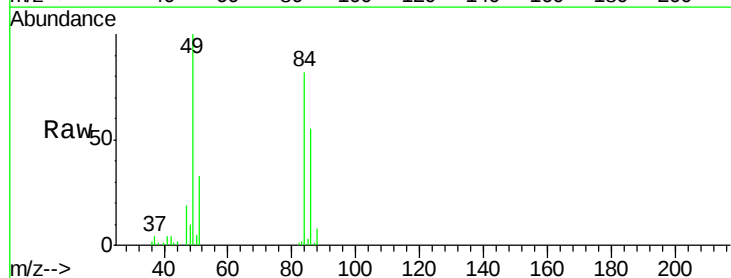
Ion Ratio Lower Upper

84 100

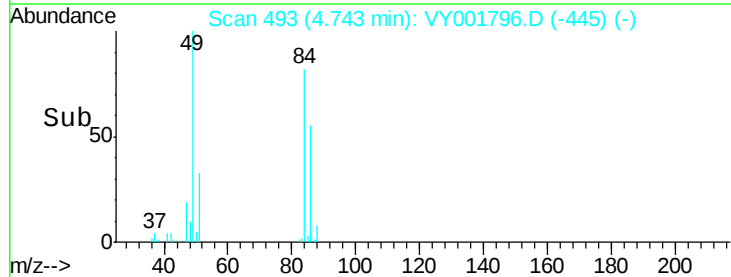
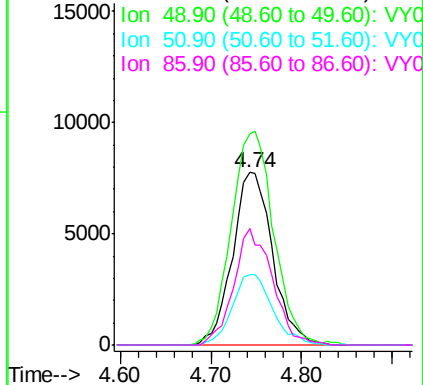
49 122.7 99.2 148.8

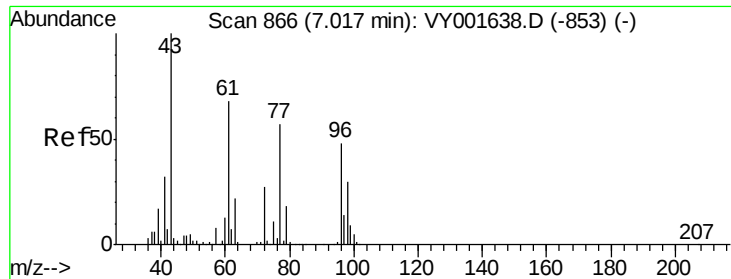
51 40.7 31.5 47.3

86 67.5 51.0 76.6



Abundance Ion 83.90 (83.60 to 84.60): VY001796.D (-494) (-)





#25

2-Butanone

Concen: 1.54 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.00 min

Lab File: VY001796.D

Acq: 28 Feb 2020 12:06

Instrument :

MSVOA_Y

ClientSampleId :

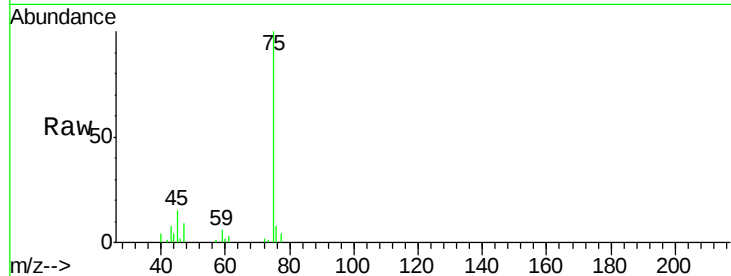
B3-(1.5-2)

Tgt Ion: 43 Resp: 1170

Ion Ratio Lower Upper

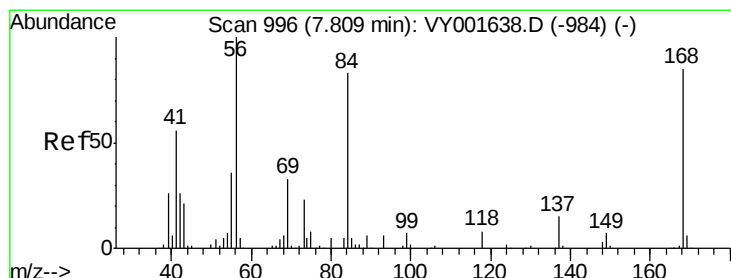
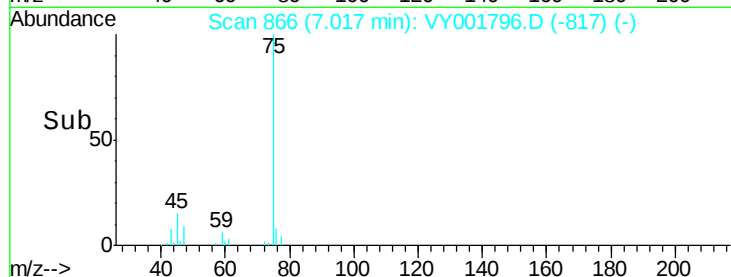
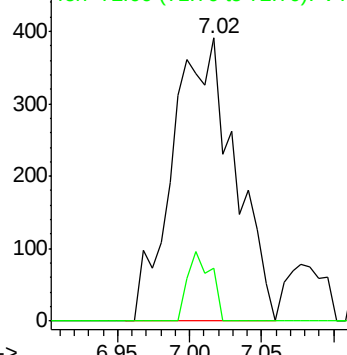
43 100

72 18.7 21.2 31.8#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#31

Cyclohexane

Concen: 1.03 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001796.D

Acq: 28 Feb 2020 12:06

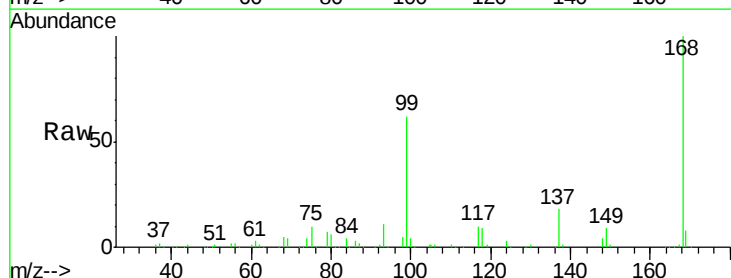
Tgt Ion: 56 Resp: 3491

Ion Ratio Lower Upper

56 100

69 189.0 25.1 37.7#

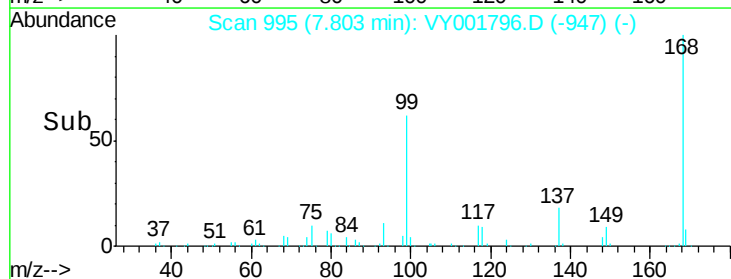
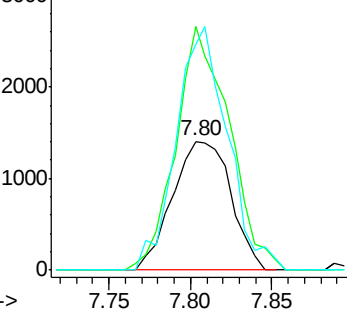
84 175.3 66.9 100.3#

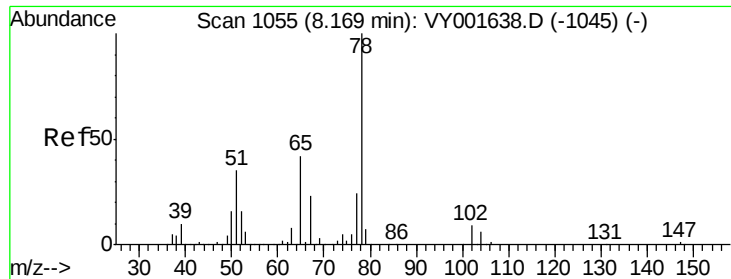


Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0

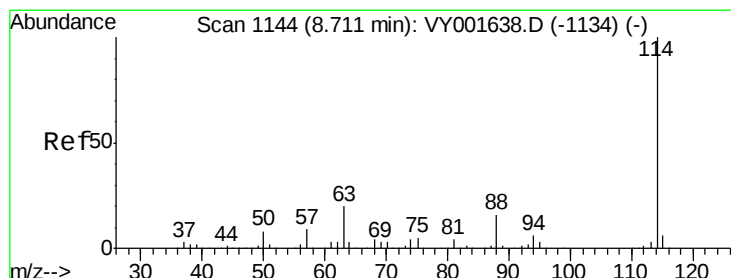
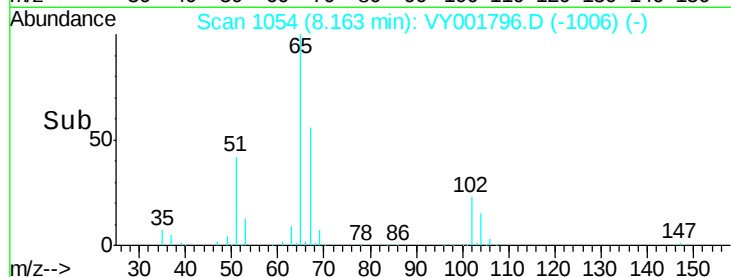
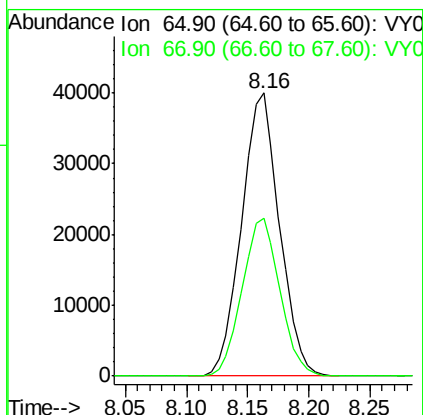
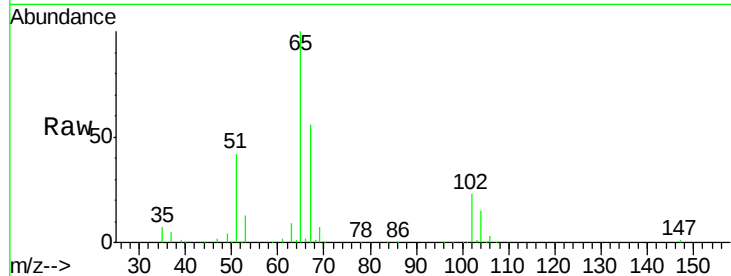




#33
 1,2-Dichloroethane-d4
 Concen: 53.33 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001796.D
 Acq: 28 Feb 2020 12:06

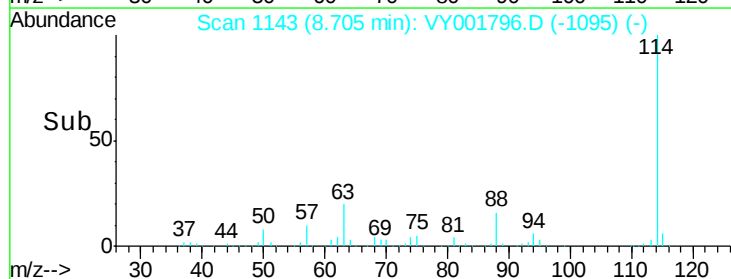
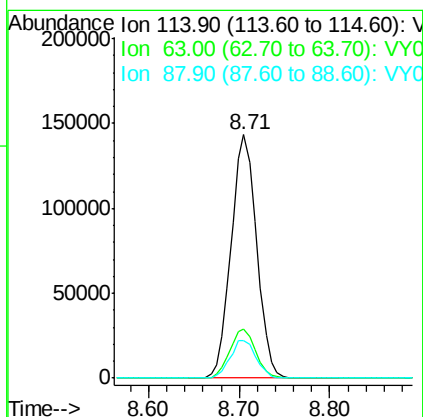
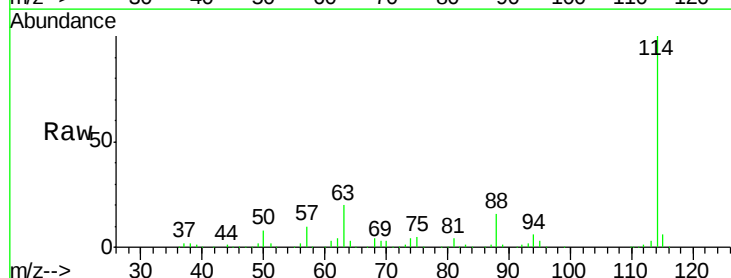
Instrument :
 MSVOA_Y
 ClientSampleId :
 B3-(1.5-2)

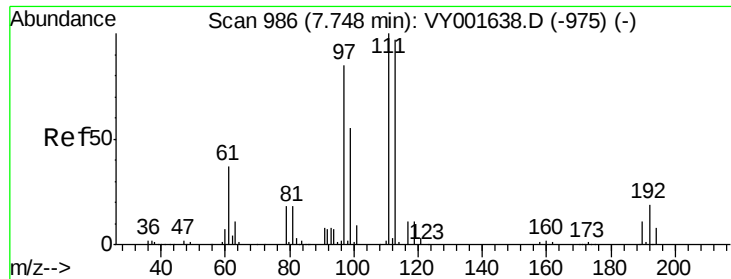
Tgt Ion: 65 Resp: 86178
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001796.D
 Acq: 28 Feb 2020 12:06

Tgt Ion: 114 Resp: 279664
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 41.4
 88 15.7 0.0 32.8

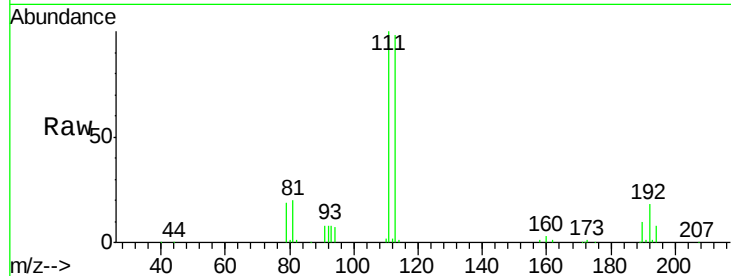




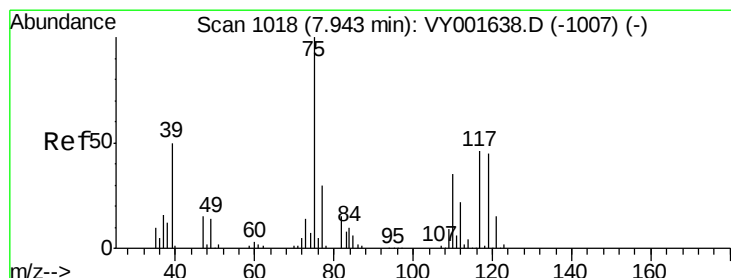
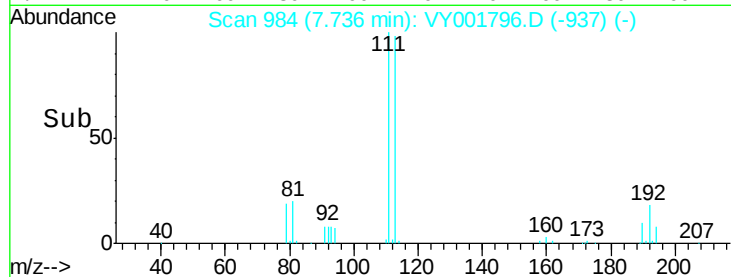
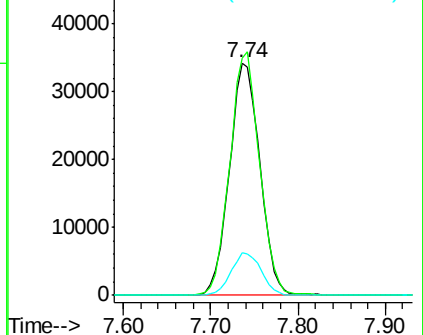
#35
 Dibromofluoromethane
 Concen: 51.87 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: VY001796.D
 Acq: 28 Feb 2020 12:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 B3-(1.5-2)

Tgt Ion:113 Resp: 83089
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.9 122.9
 192 17.9 14.3 21.5

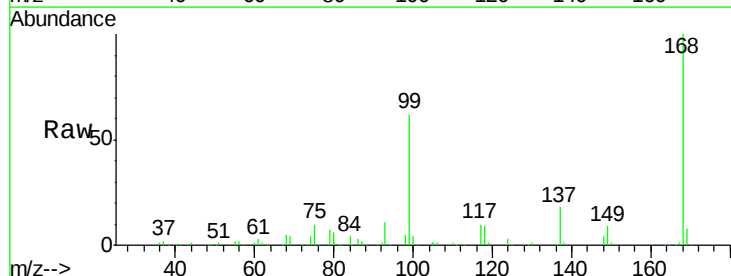


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

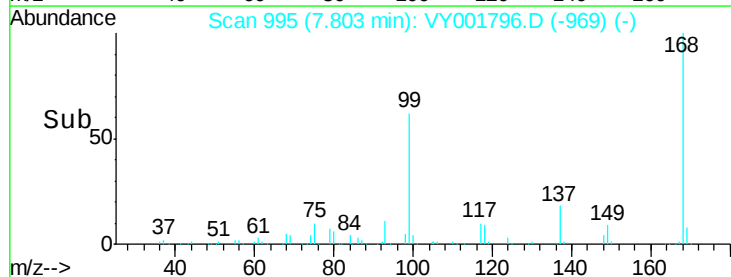
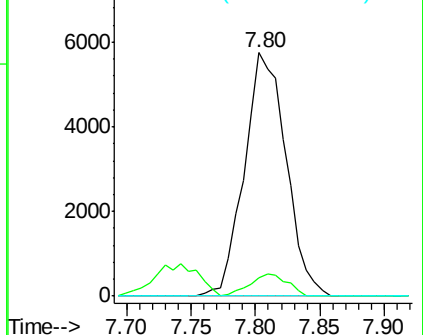


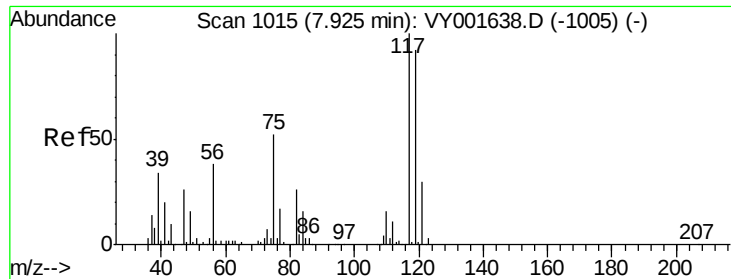
#36
 1,1-Dichloropropene
 Concen: 4.81 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.14 min
 Lab File: VY001796.D
 Acq: 28 Feb 2020 12:06

Tgt Ion: 75 Resp: 12856
 Ion Ratio Lower Upper
 75 100
 110 8.3 17.2 51.6#
 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

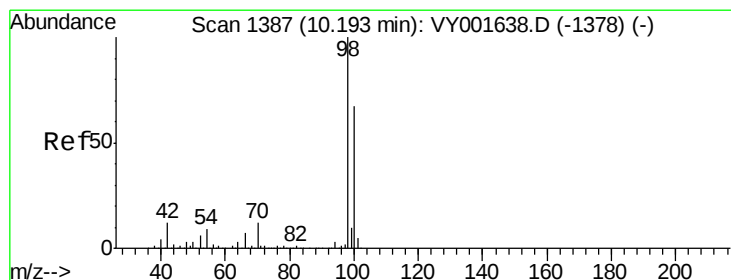
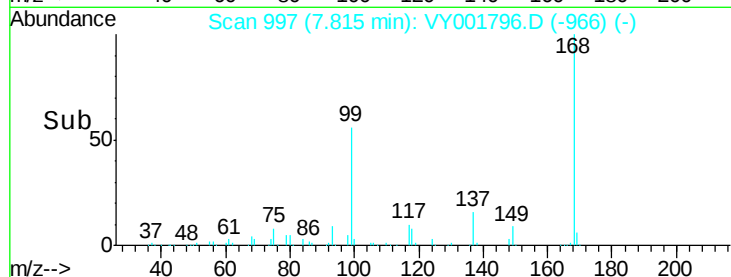
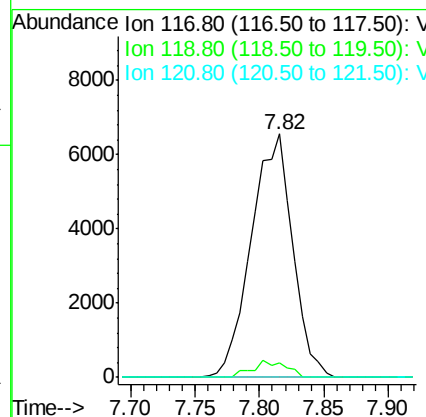
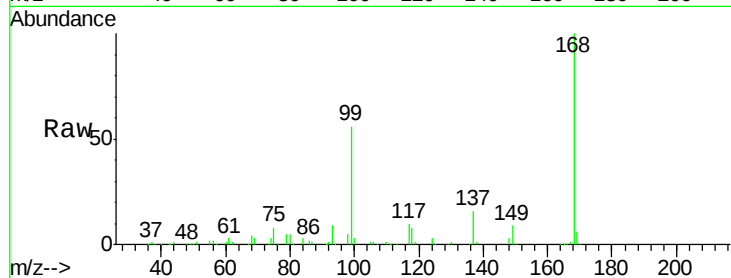




#38
Carbon Tetrachloride
Concen: 6.22 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.11 min
Lab File: VY001796.D
Acq: 28 Feb 2020 12:06

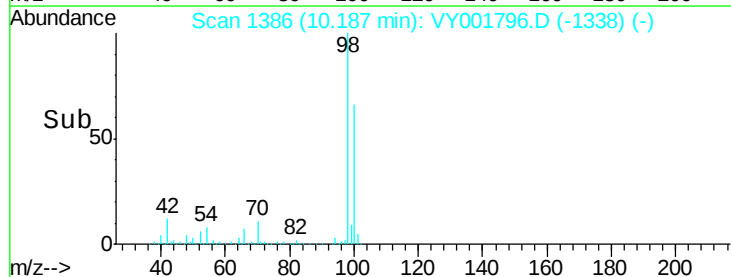
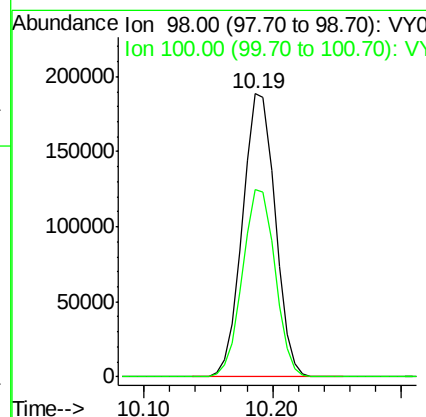
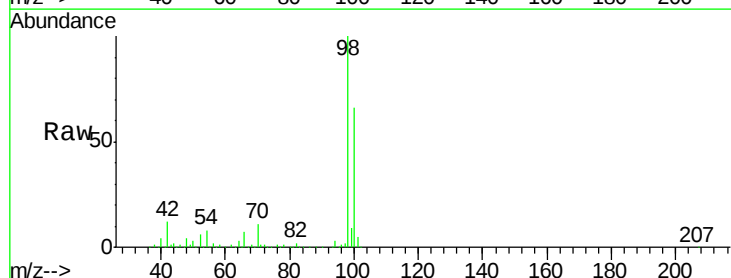
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B3-(1.5-2)

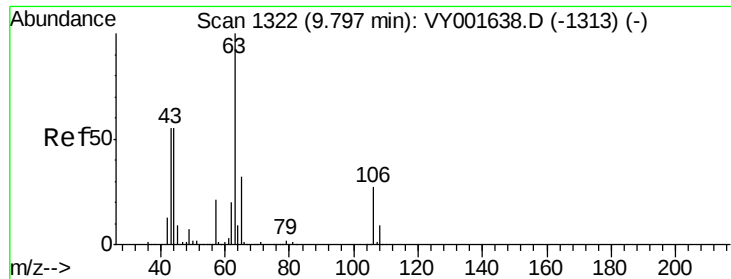
Tgt Ion:117 Resp: 14593
Ion Ratio Lower Upper
117 100
119 5.9 74.8 112.2#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 52.75 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY001796.D
Acq: 28 Feb 2020 12:06

Tgt Ion: 98 Resp: 331053
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.4

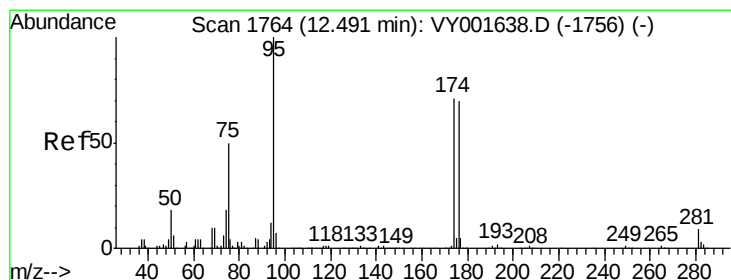
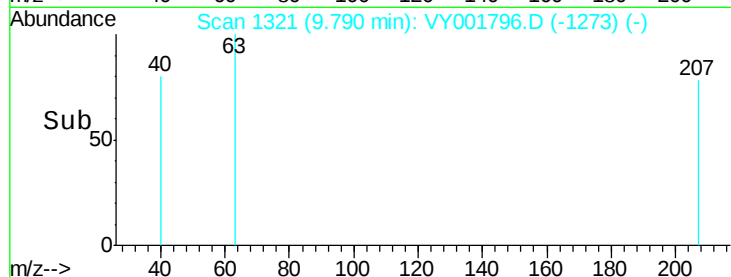
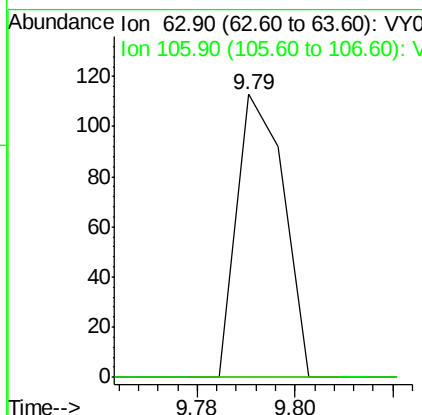
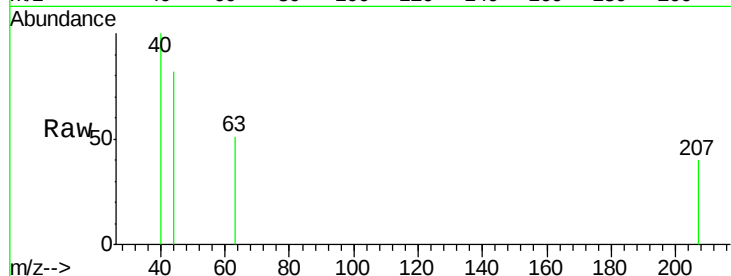




#58
 2-Chloroethyl Vinyl ether
 Concen: Below Cal
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: VY001796.D
 Acq: 28 Feb 2020 12:06

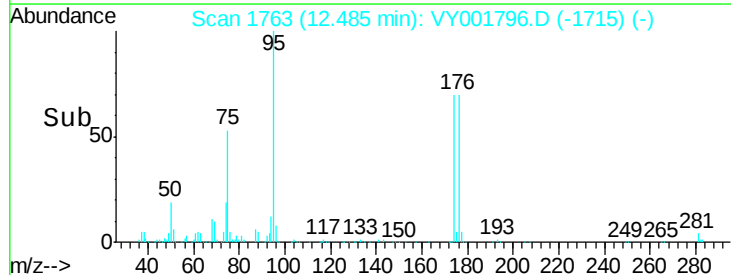
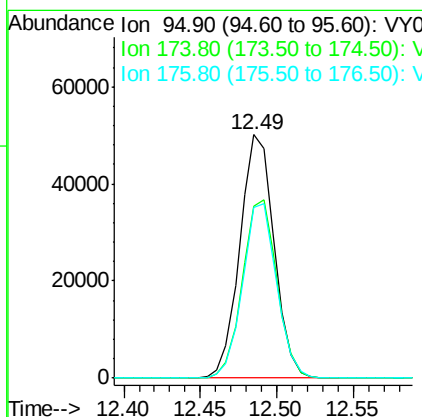
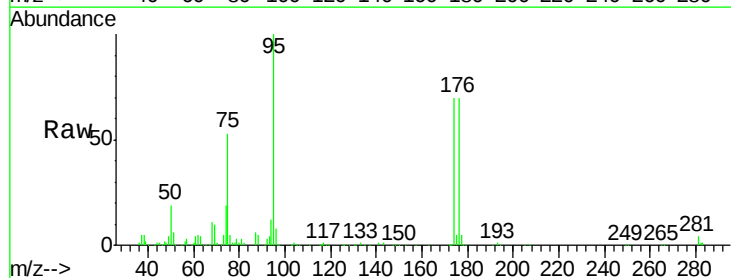
Instrument :
 MSVOA_Y
 ClientSampleId :
 B3-(1.5-2)

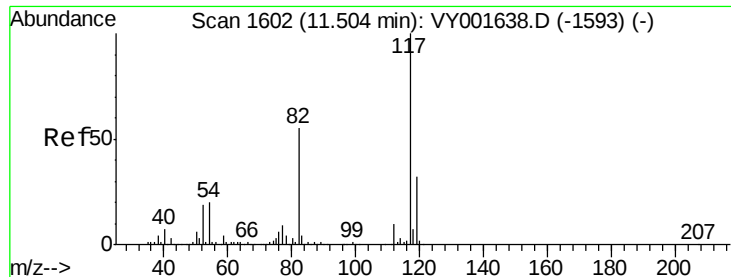
Tgt Ion: 63 Resp: 75
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.6 32.4#



#62
 4-Bromofluorobenzene
 Concen: 31.93 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY001796.D
 Acq: 28 Feb 2020 12:06

Tgt Ion: 95 Resp: 77840
 Ion Ratio Lower Upper
 95 100
 174 73.6 0.0 138.4
 176 71.4 0.0 131.8

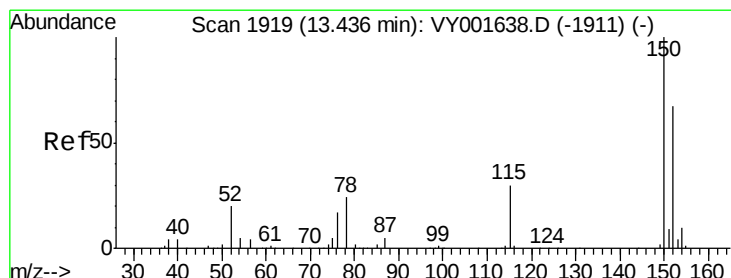
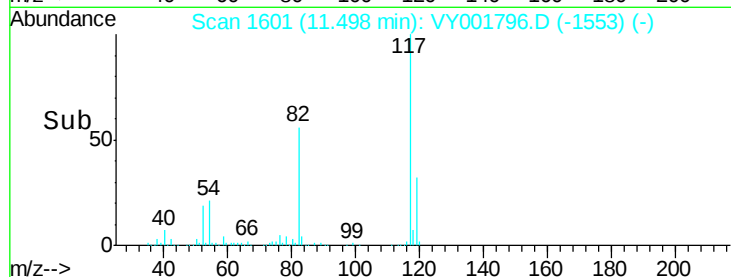
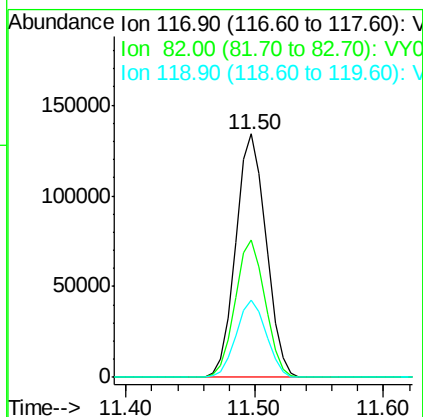
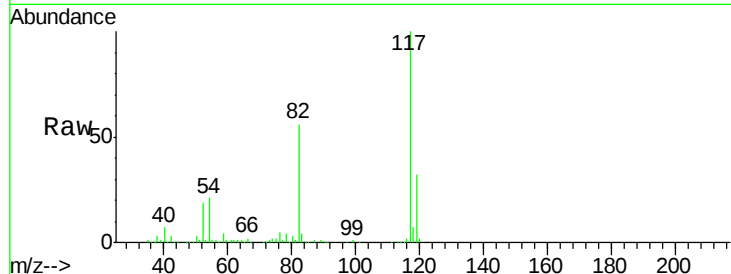




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001796.D
Acq: 28 Feb 2020 12:06

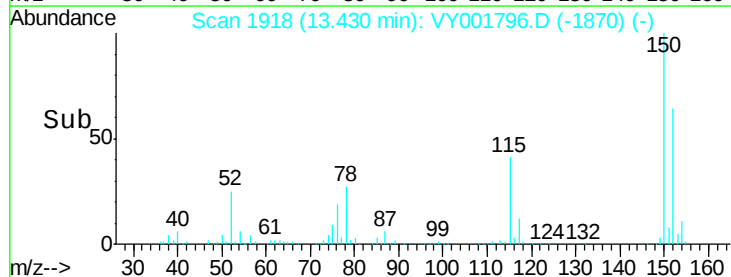
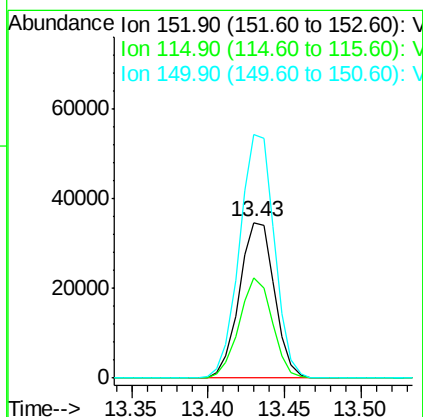
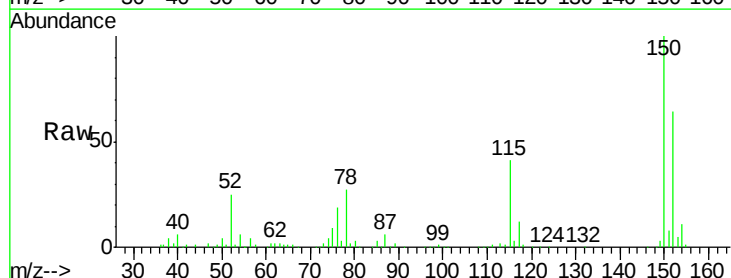
Instrument :
MSVOA_Y
ClientSampleId :
B3-(1.5-2)

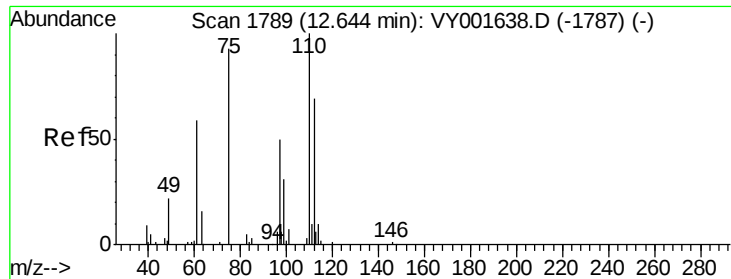
Tgt Ion:117 Resp: 218612
Ion Ratio Lower Upper
117 100
82 56.3 45.5 68.3
119 31.9 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001796.D
Acq: 28 Feb 2020 12:06

Tgt Ion:152 Resp: 55038
Ion Ratio Lower Upper
152 100
115 61.2 31.4 94.2
150 156.0 0.0 407.2





#76

1,2,3-Trichloropropane

Concen: 64.10 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.16 min

Lab File: VY001796.D

Acq: 28 Feb 2020 12:06

Instrument :

MSVOA_Y

ClientSampleId :

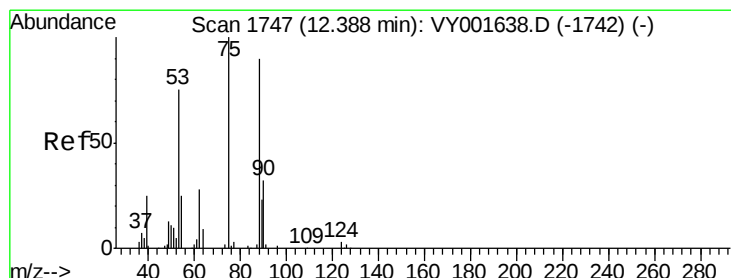
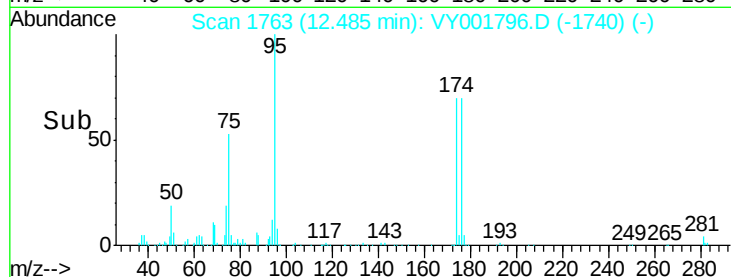
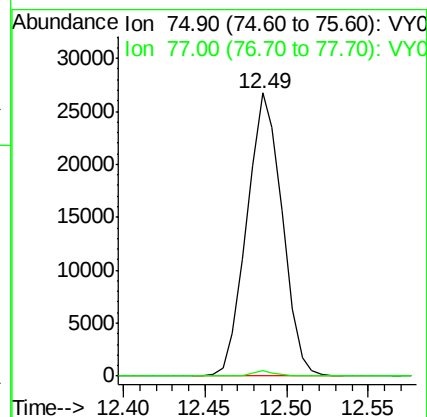
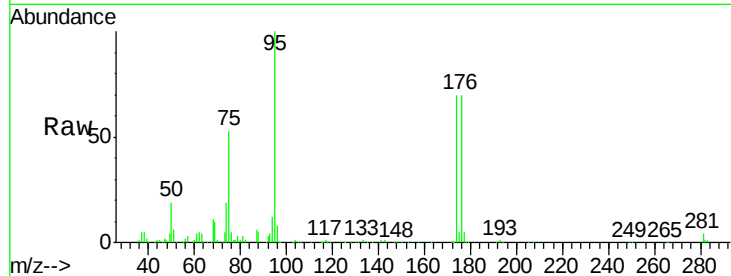
B3-(1.5-2)

Tgt Ion: 75 Resp: 40472

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 121.61 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY001796.D

Acq: 28 Feb 2020 12:06

Tgt Ion: 75 Resp: 40472

Ion Ratio Lower Upper

75 100

53 0.0 64.5 96.7#

89 0.1 36.3 54.5#

