

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY031220\
 Data File : VY001957.D
 Acq On : 12 Mar 2020 13:52
 Operator : SY/MD
 Sample : L1907-01
 Misc : 7.29G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6(1-2)

Quant Time: Mar 13 05:41:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	171761	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	326087	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	288454	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	115554	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	99046	54.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.04%	
35) Dibromofluoromethane	7.74	113	95825	53.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.64%	
50) Toluene-d8	10.19	98	393765	52.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.88%	
62) 4-Bromofluorobenzene	12.49	95	131366	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.64%	

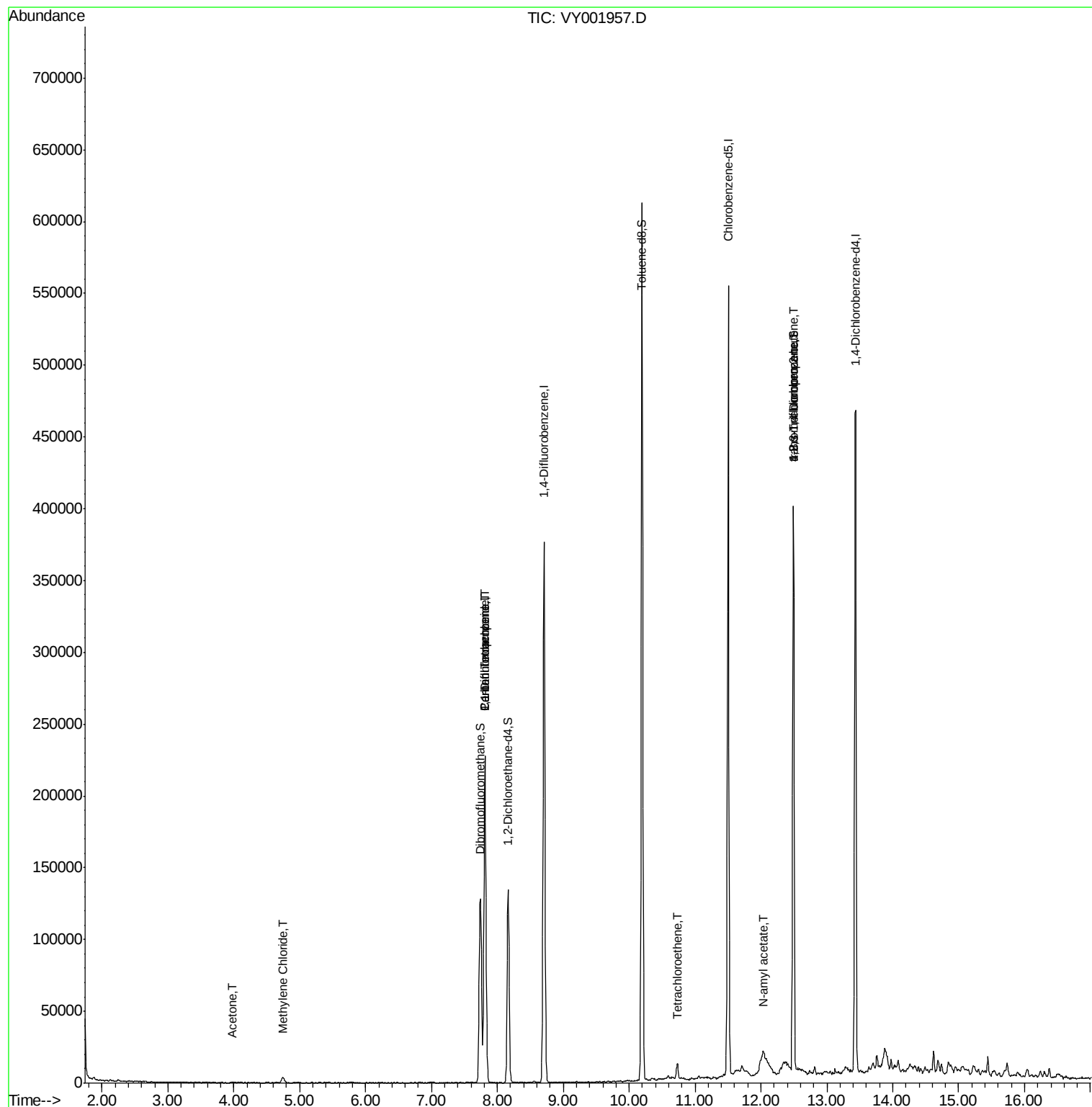
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.99	59	22	Below Cal	#	74
16) Acetone	3.98	43	675	1.26	ug/l #	42
20) Methylene Chloride	4.75	84	2969	1.30	ug/l	93
36) 1,1-Dichloropropene	7.82	75	13863	4.42	ug/l #	49
38) Carbon Tetrachloride	7.82	117	17897	6.68	ug/l #	16
58) 2-Chloroethyl Vinyl ether	9.98	63	24	Below Cal	#	48
64) Tetrachloroethene	10.73	164	1867	1.03	ug/l #	70
74) N-amyl acetate	12.04	43	5399	1.99	ug/l #	69
76) 1,2,3-Trichloropropane	12.49	75	66375	48.41	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	66375	97.78	ug/l #	17

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

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TP-6(1-2)

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001957.D

Acq: 12 Mar 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

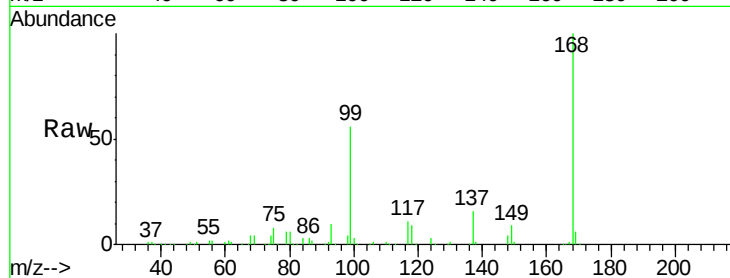
TP-6(1-2)

Tgt Ion:168 Resp: 171761

Ion Ratio Lower Upper

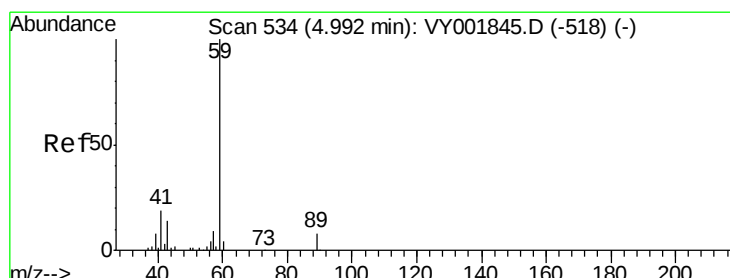
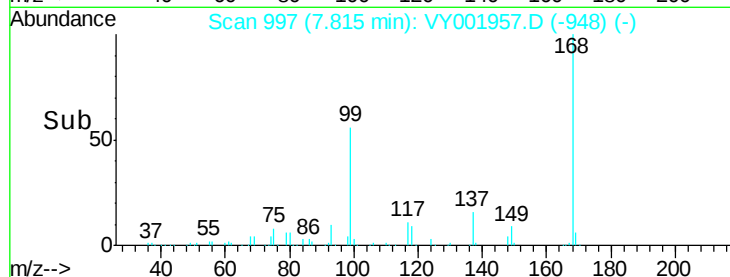
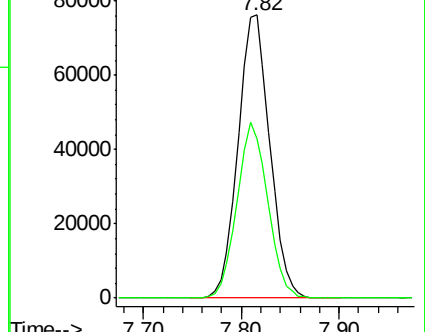
168 100

99 56.4 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001957.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001957.D (-948) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.99 min Scan# 533

Delta R.T. -0.01 min

Lab File: VY001957.D

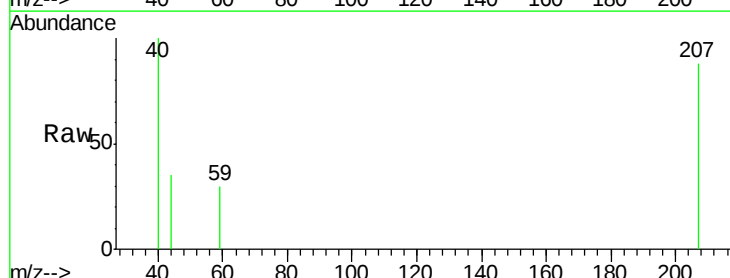
Acq: 12 Mar 2020 13:52

Tgt Ion: 59 Resp: 22

Ion Ratio Lower Upper

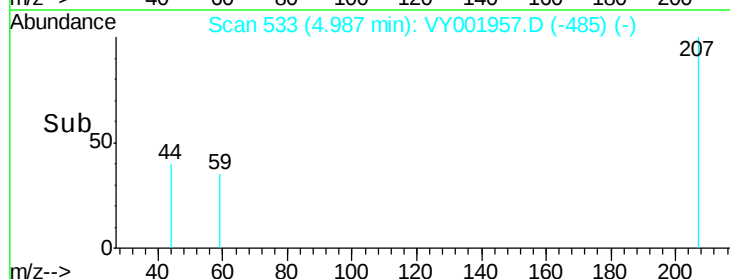
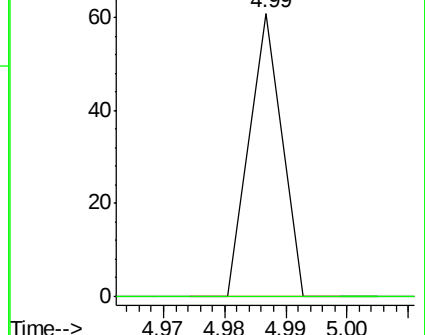
59 100

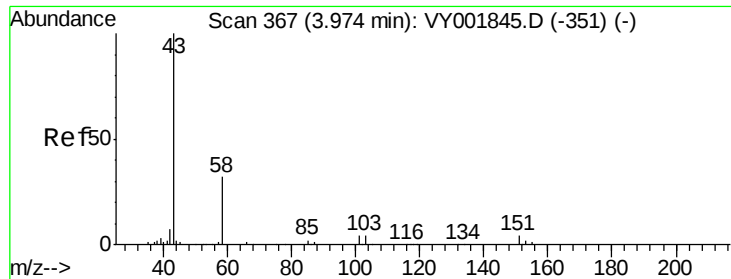
57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001957.D (-485) (-)

Ion 57.00 (56.70 to 57.70): VY001957.D (-485) (-)





#16

Acetone

Concen: 1.26 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY001957.D

Acq: 12 Mar 2020 13:52

Instrument :

MSVOA_Y

ClientSampled :

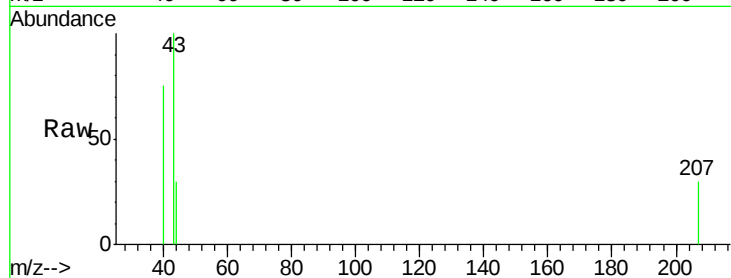
TP-6(1-2)

Tgt Ion: 43 Resp: 675

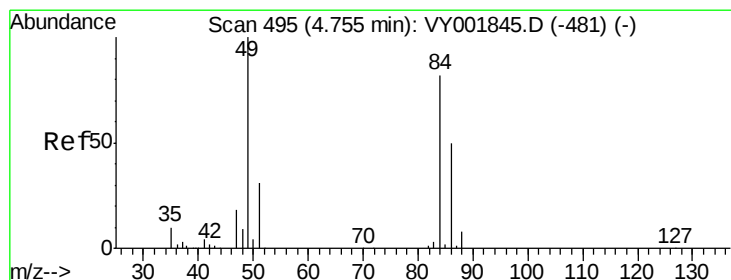
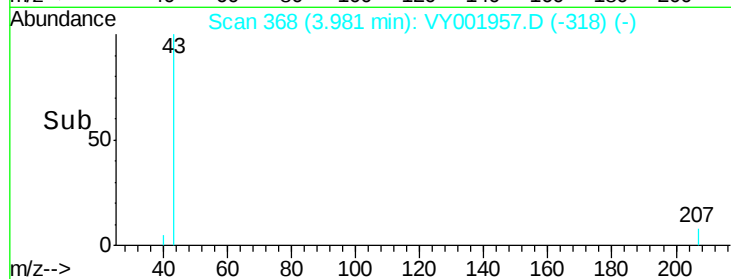
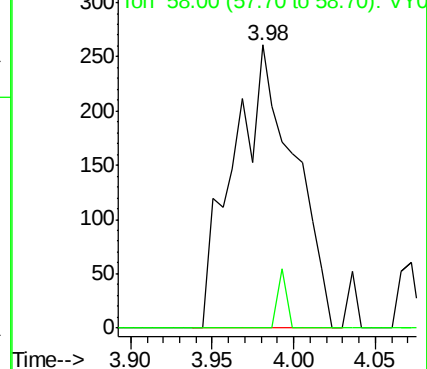
Ion Ratio Lower Upper

43 100

58 0.0 25.9 38.9#



Abundance Ion 43.00 (42.70 to 43.70): VY001845.D (-351) (-)



#20

Methylene Chloride

Concen: 1.30 ug/l

RT: 4.75 min Scan# 494

Delta R.T. -0.01 min

Lab File: VY001957.D

Acq: 12 Mar 2020 13:52

Tgt Ion: 84 Resp: 2969

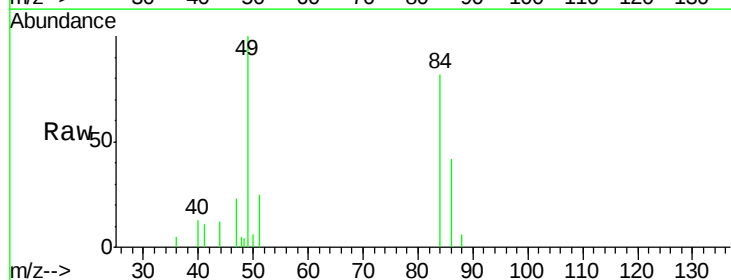
Ion Ratio Lower Upper

84 100

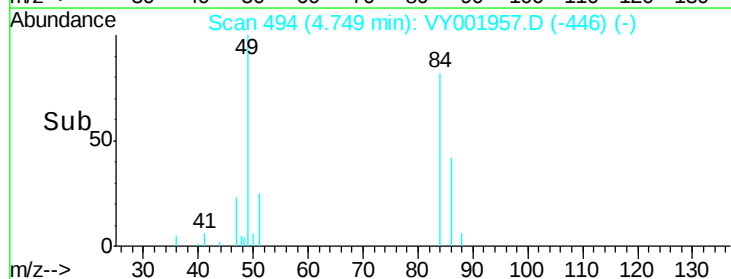
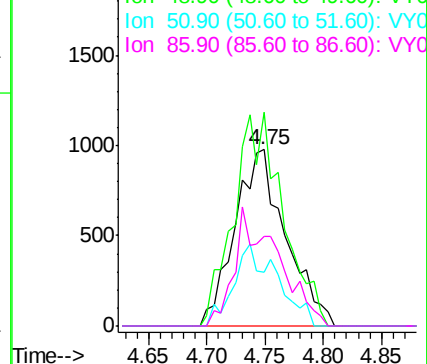
49 121.3 98.2 147.2

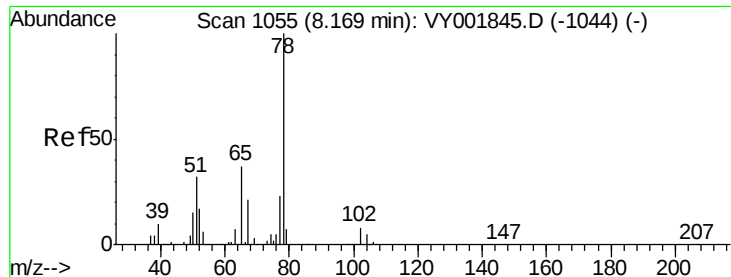
51 30.2 30.2 45.2

86 50.6 48.9 73.3



Abundance Ion 83.90 (83.60 to 84.60): VY001845.D (-481) (-)

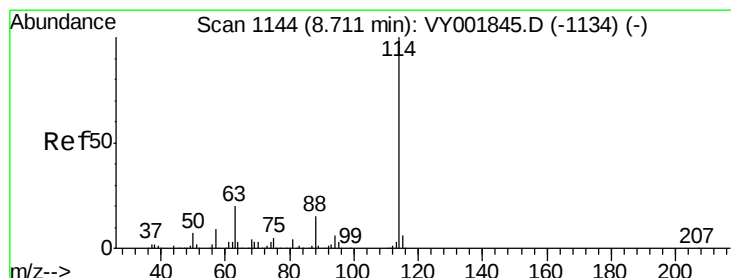
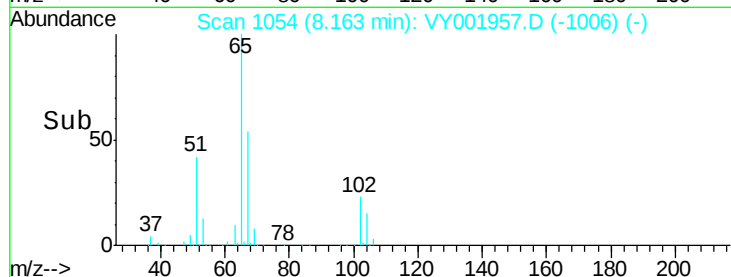
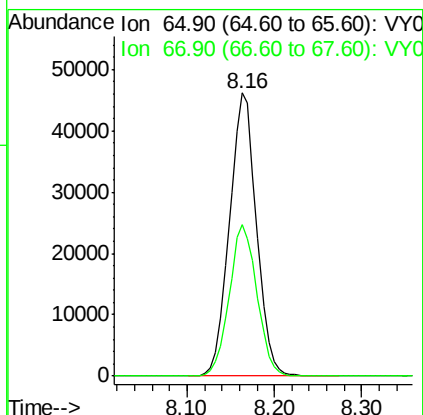
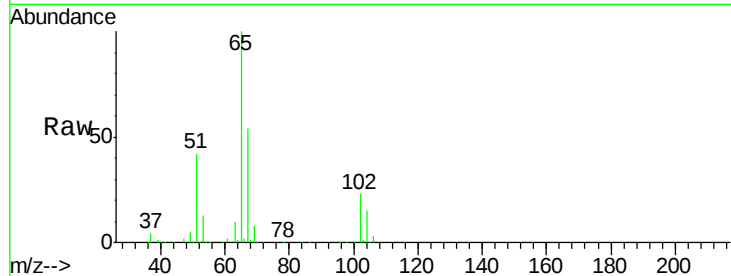




#33
 1,2-Dichloroethane-d4
 Concen: 54.02 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001957.D
 Acq: 12 Mar 2020 13:52

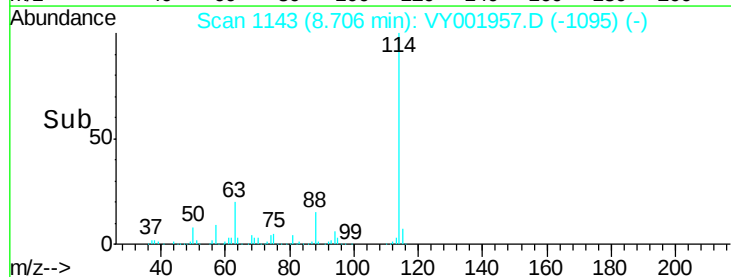
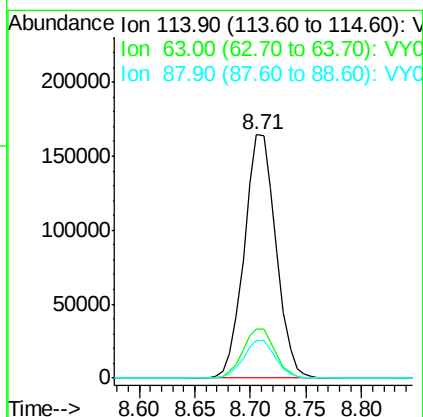
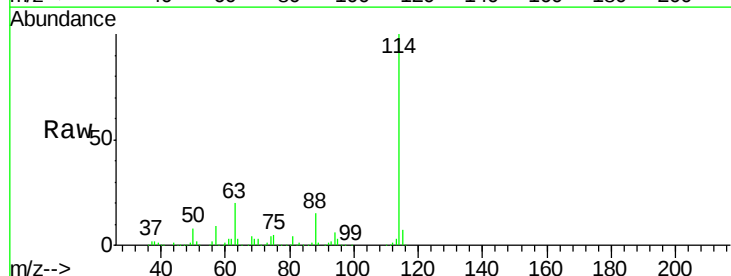
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6(1-2)

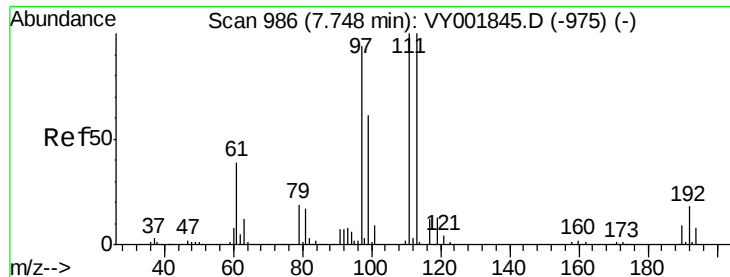
Tgt Ion: 65 Resp: 99046
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001957.D
 Acq: 12 Mar 2020 13:52

Tgt Ion: 114 Resp: 326087
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.4
 88 15.5 0.0 30.4

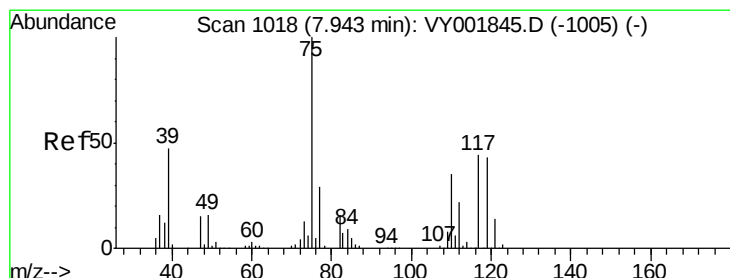
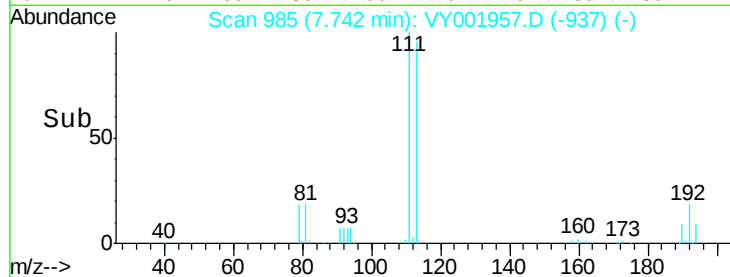
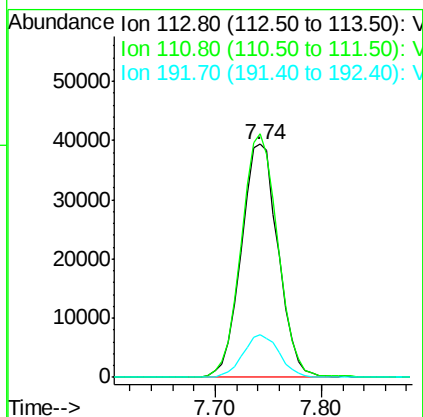
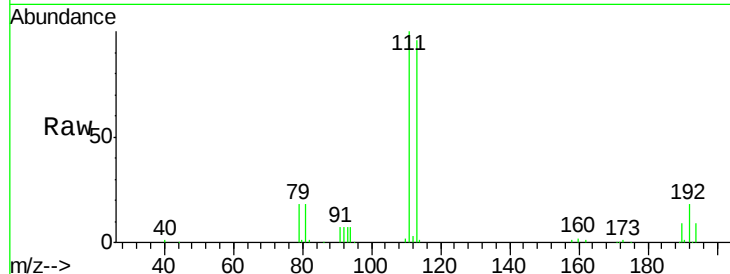




#35
 Dibromofluoromethane
 Concen: 53.82 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY001957.D
 Acq: 12 Mar 2020 13:52

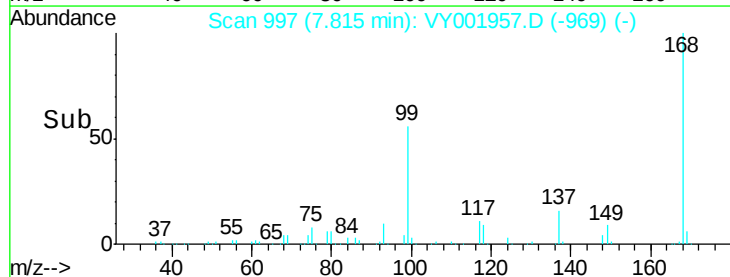
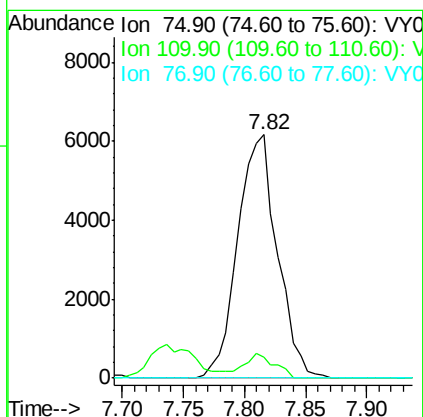
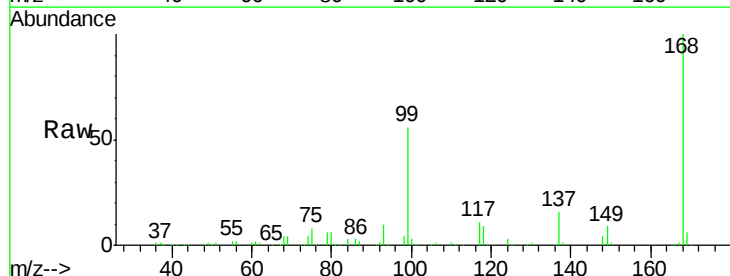
Instrument :
 MSVOA_Y
 ClientSampled :
 TP-6(1-2)

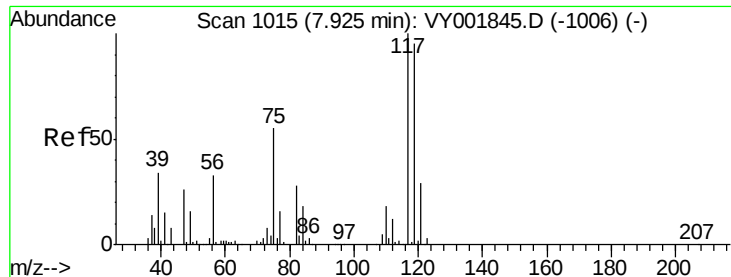
Tgt Ion:113 Resp: 95825
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.8 122.8
 192 17.9 14.2 21.2



#36
 1,1-Dichloropropene
 Concen: 4.42 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.13 min
 Lab File: VY001957.D
 Acq: 12 Mar 2020 13:52

Tgt Ion: 75 Resp: 13863
 Ion Ratio Lower Upper
 75 100
 110 7.6 17.4 52.2#
 77 0.0 24.2 36.2#

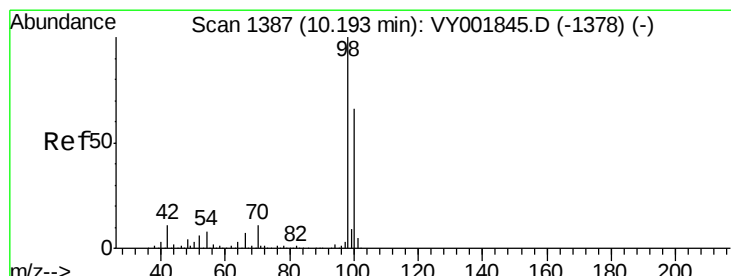
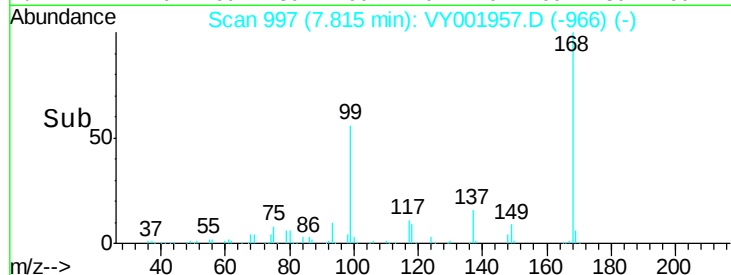
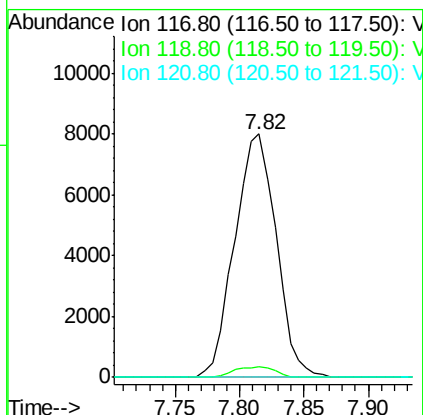
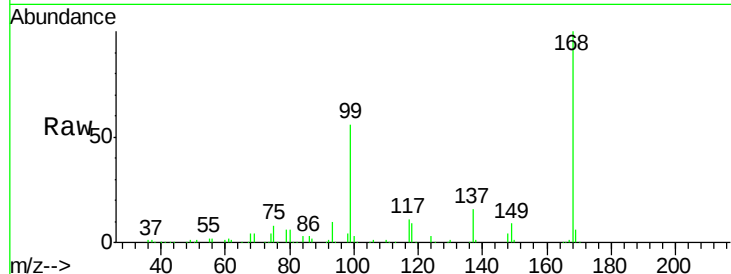




#38
Carbon Tetrachloride
Concen: 6.68 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.11 min
Lab File: VY001957.D
Acq: 12 Mar 2020 13:52

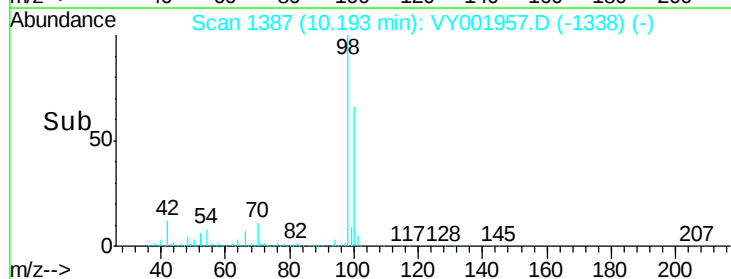
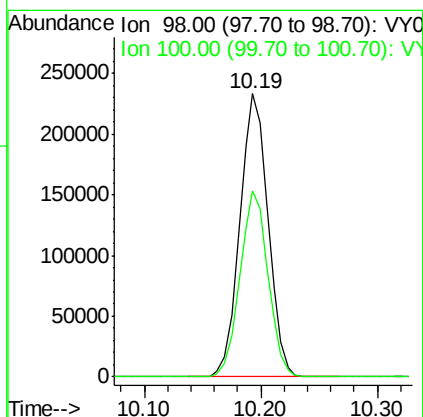
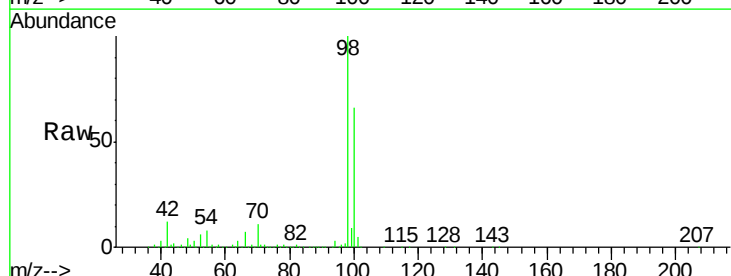
Instrument :
MSVOA_Y
ClientSampleId :
TP-6(1-2)

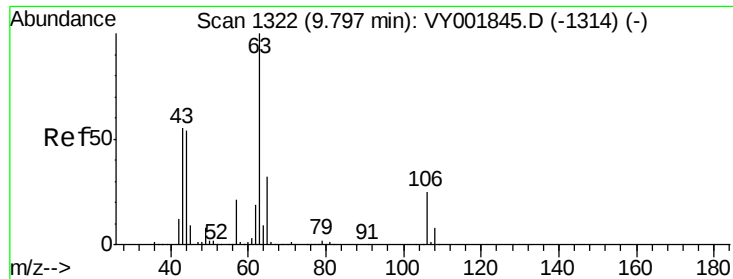
Tgt Ion:117 Resp: 17897
Ion Ratio Lower Upper
117 100
119 4.5 76.3 114.5#
121 0.0 23.5 35.3#



#50
Toluene-d8
Concen: 52.44 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VY001957.D
Acq: 12 Mar 2020 13:52

Tgt Ion: 98 Resp: 393765
Ion Ratio Lower Upper
98 100
100 65.3 53.0 79.4

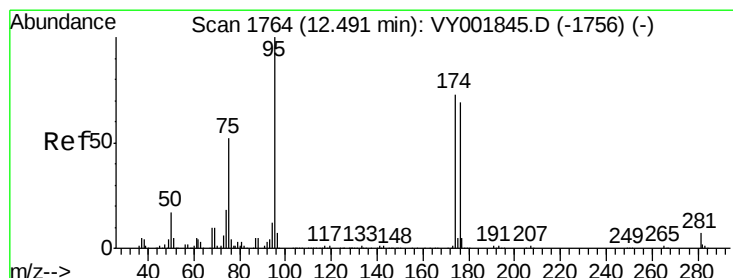
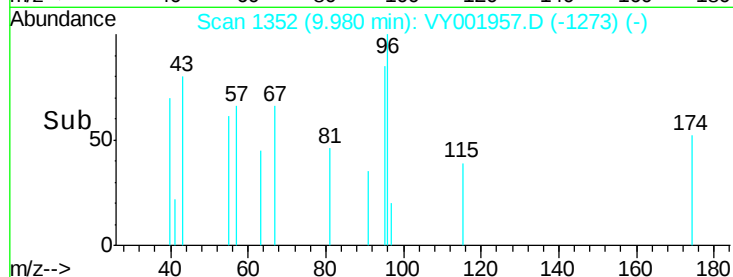
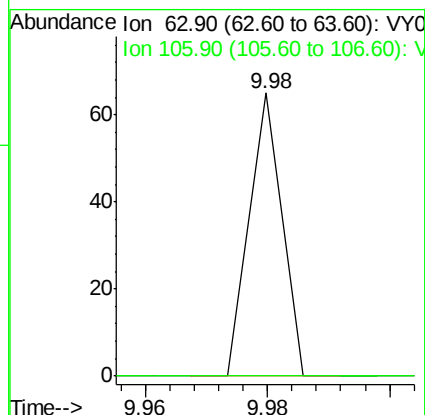
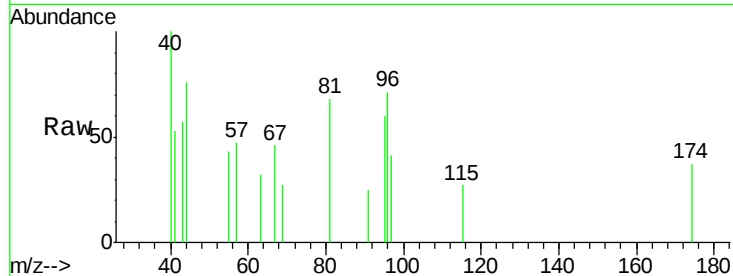




#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 9.98 min Scan# 1352
Delta R.T. 0.18 min
Lab File: VY001957.D
Acq: 12 Mar 2020 13:52

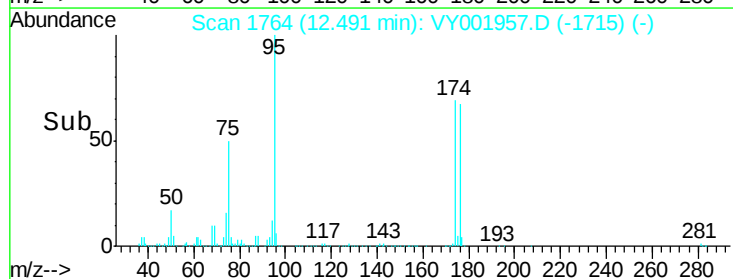
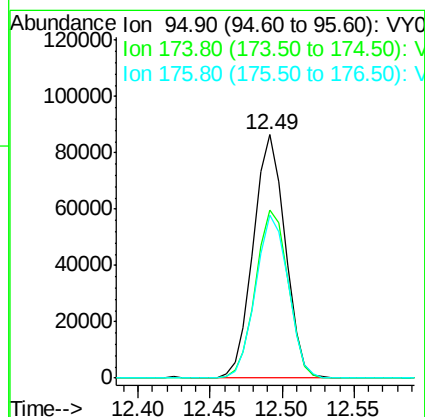
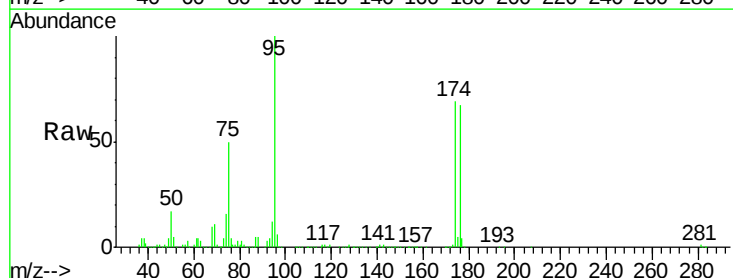
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TP-6(1-2)

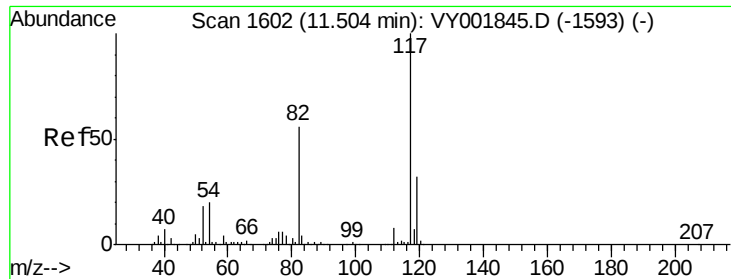
Tgt Ion: 63 Resp: 24
Ion Ratio Lower Upper
63 100
106 0.0 21.3 31.9#



#62
4-Bromofluorobenzene
Concen: 50.32 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VY001957.D
Acq: 12 Mar 2020 13:52

Tgt Ion: 95 Resp: 131366
Ion Ratio Lower Upper
95 100
174 71.1 0.0 145.0
176 68.7 0.0 137.4

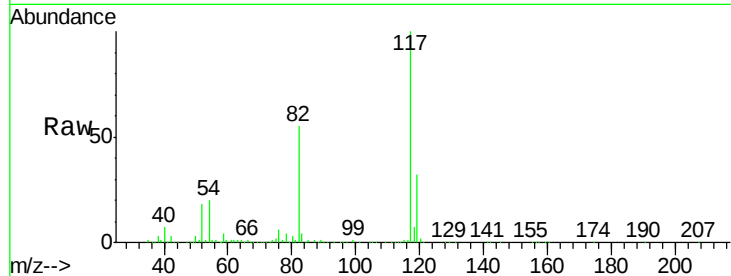




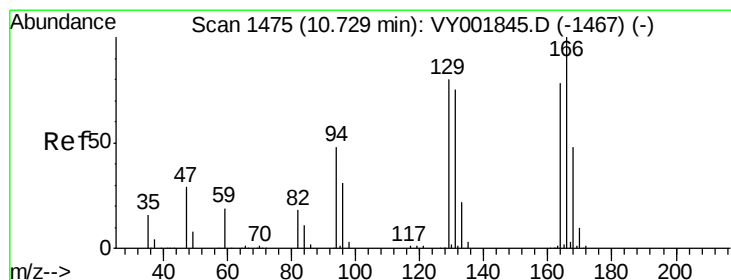
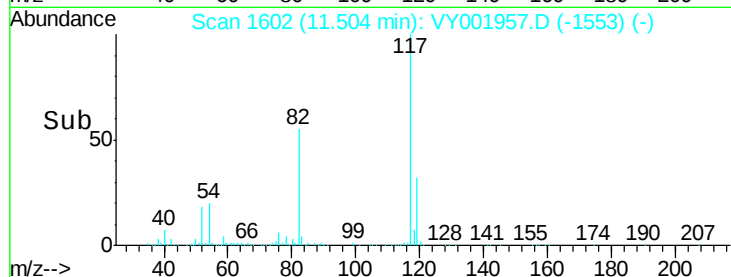
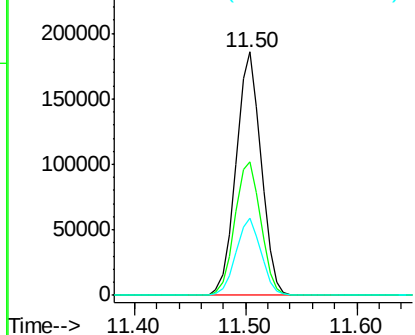
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001957.D
Acq: 12 Mar 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
TP-6(1-2)

Tgt Ion:117 Resp: 288454
Ion Ratio Lower Upper
117 100
82 54.9 44.5 66.7
119 31.6 25.7 38.5

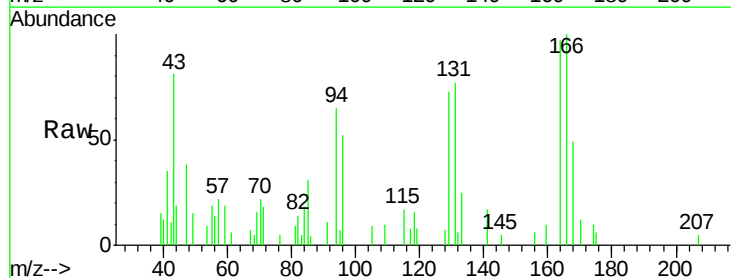


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

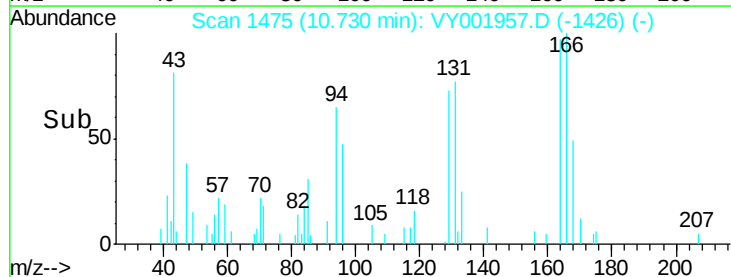
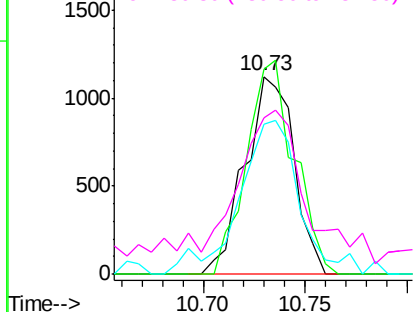


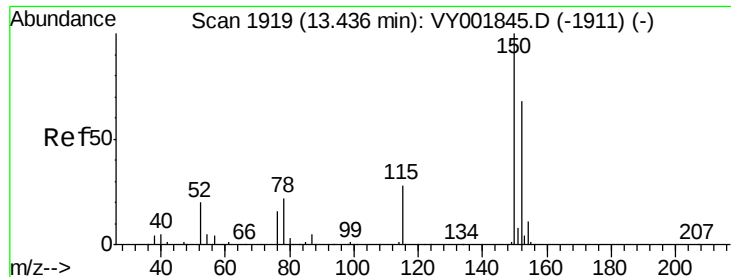
#64
Tetrachloroethene
Concen: 1.03 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY001957.D
Acq: 12 Mar 2020 13:52

Tgt Ion:164 Resp: 1867
Ion Ratio Lower Upper
164 100
166 103.6 102.6 154.0
129 69.9 82.3 123.5#
131 58.8 77.4 116.0#



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VY001957.D

Acq: 12 Mar 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

TP-6(1-2)

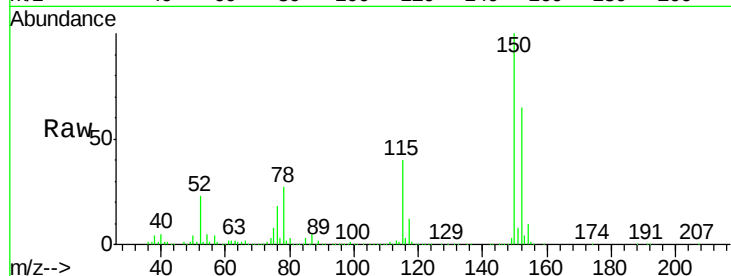
Tgt Ion:152 Resp: 115554

Ion Ratio Lower Upper

152 100

115 62.2 29.9 89.7

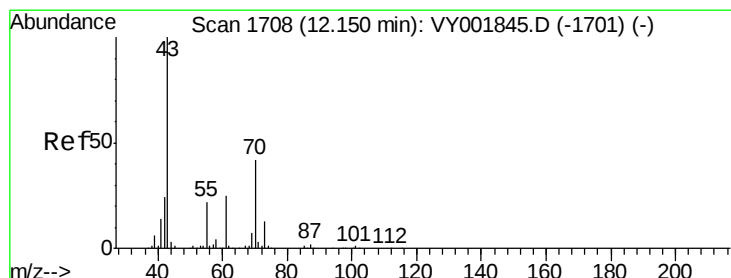
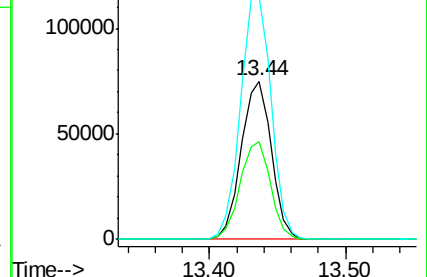
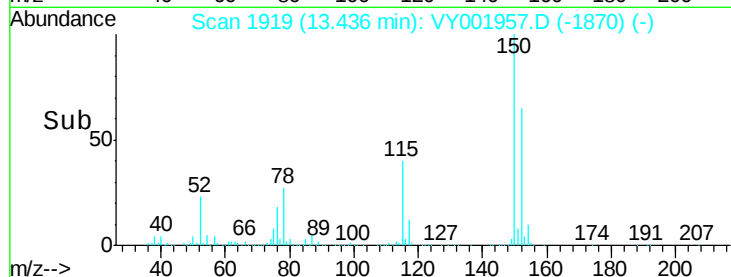
150 156.9 0.0 340.6



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



#74

N-ethyl acetate

Concen: 1.99 ug/l

RT: 12.04 min Scan# 1690

Delta R.T. -0.11 min

Lab File: VY001957.D

Acq: 12 Mar 2020 13:52

Tgt Ion: 43 Resp: 5399

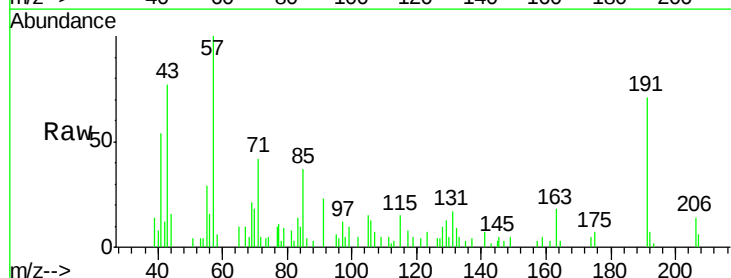
Ion Ratio Lower Upper

43 100

70 29.6 34.7 52.1#

55 8.5 18.2 27.4#

61 0.0 20.1 30.1#

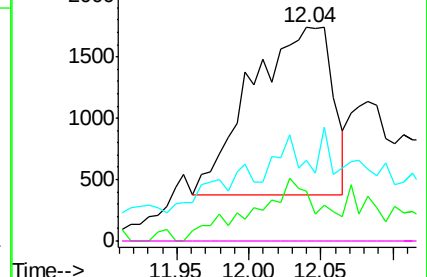
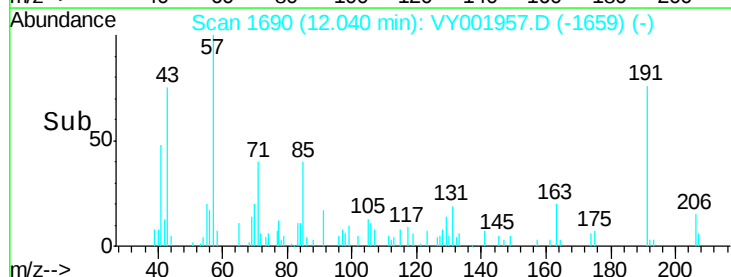


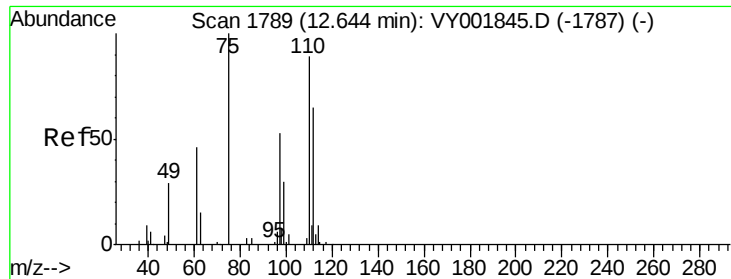
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#76

1,2,3-Trichloropropane

Concen: 48.41 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY001957.D

Acq: 12 Mar 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

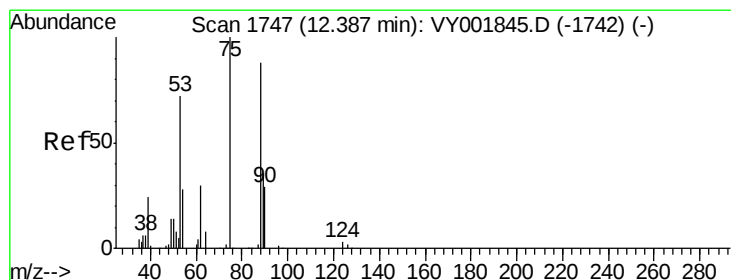
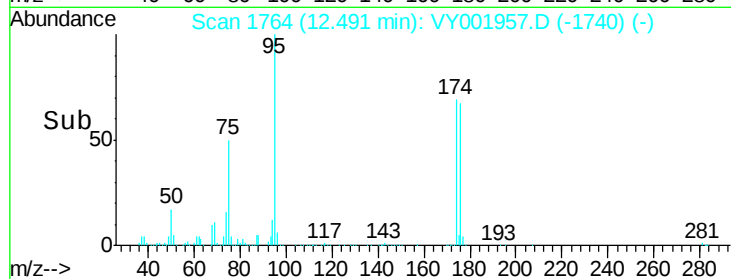
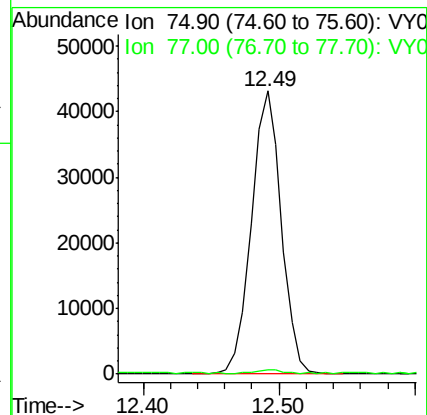
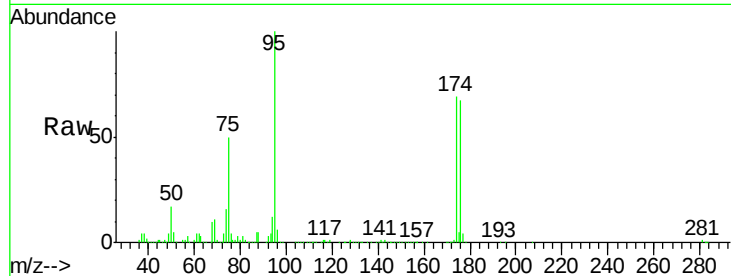
TP-6(1-2)

Tgt Ion: 75 Resp: 66375

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 97.78 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY001957.D

Acq: 12 Mar 2020 13:52

Tgt Ion: 75 Resp: 66375

Ion Ratio Lower Upper

75 100

53 0.0 65.4 98.0#

89 0.0 36.0 54.0#

