

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030620\
 Data File : VY001897.D
 Acq On : 06 Mar 2020 13:25
 Operator : SY/MD
 Sample : L1364-03RE
 Misc : 7.22G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 06 22:07:58 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	137966	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	267244	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	240969	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	100954	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	87700	59.54	ug/l	0.00
Spiked Amount						
35) Dibromofluoromethane	7.75	113	78416	53.74	ug/l	0.00
Spiked Amount						
50) Toluene-d8	10.20	98	325213	52.85	ug/l	0.00
Spiked Amount						
62) 4-Bromofluorobenzene	12.49	95	106706	49.87	ug/l	0.00
Spiked Amount						

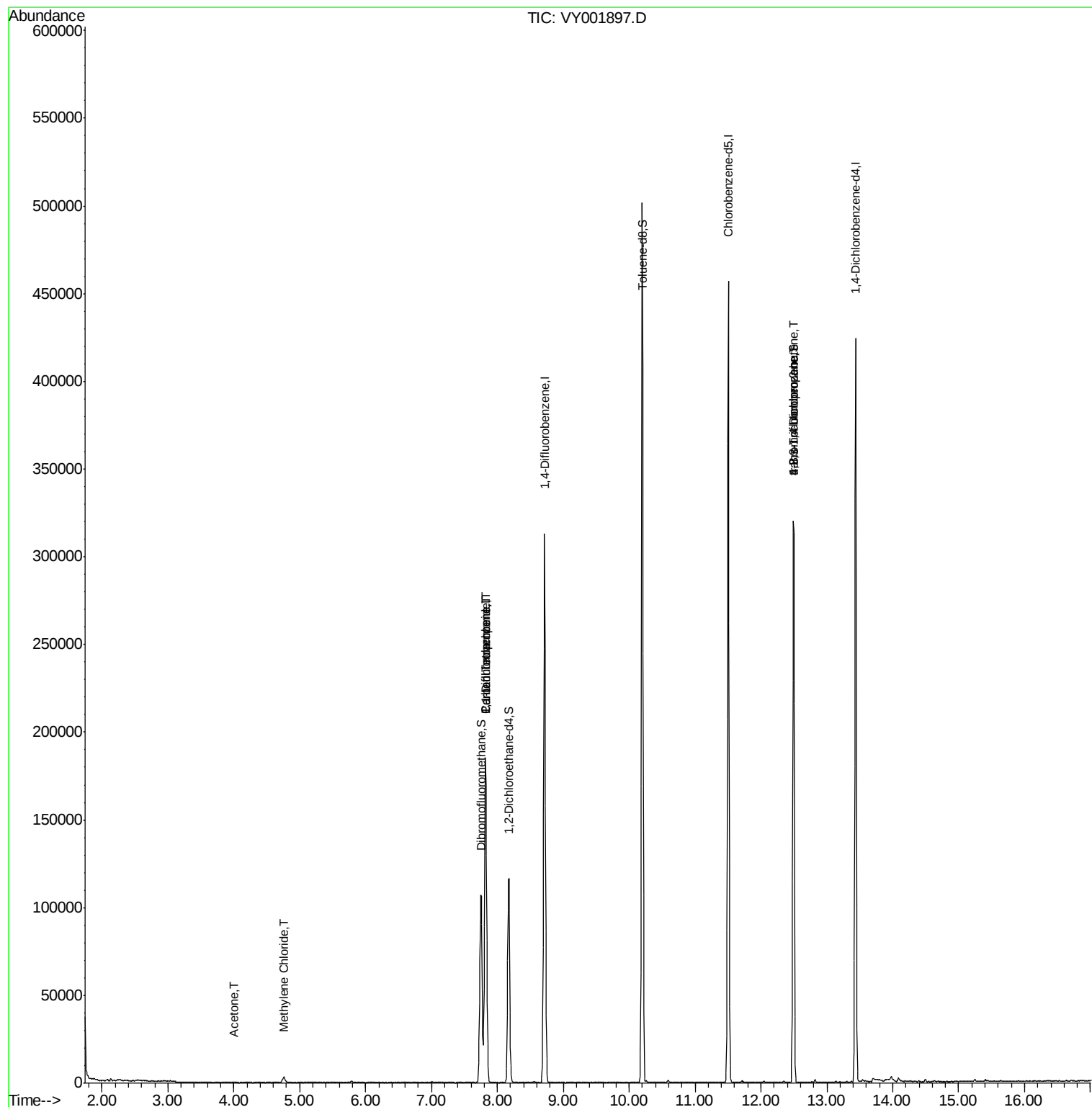
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.99	59	54	Below Cal	#	74
16) Acetone	4.00	43	552	1.287	ug/l	90
20) Methylene Chloride	4.76	84	2140	1.164	ug/l #	83
36) 1,1-Dichloropropene	7.82	75	11377	4.424	ug/l #	50
38) Carbon Tetrachloride	7.82	117	14038	6.390	ug/l #	17
76) 1,2,3-Trichloropropane	12.49	75	54016	45.093	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	54016	91.085	ug/l #	17

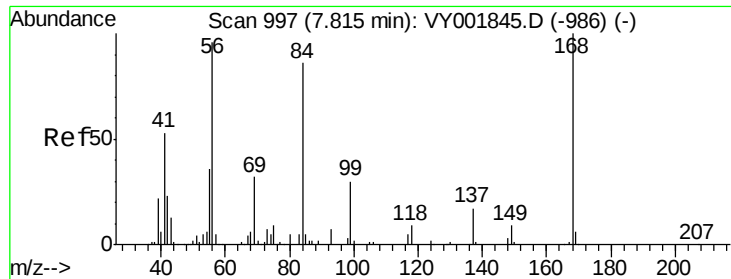
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY030620\
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Quant Time: Mar 06 22:07:58 2020
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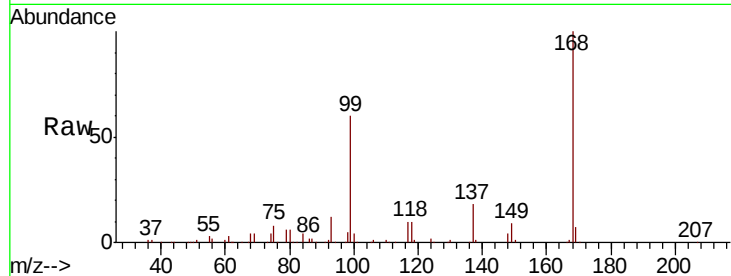


#1

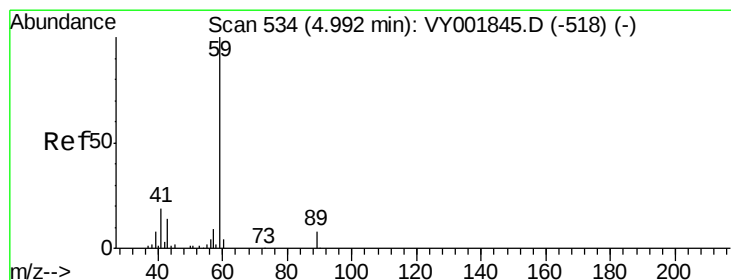
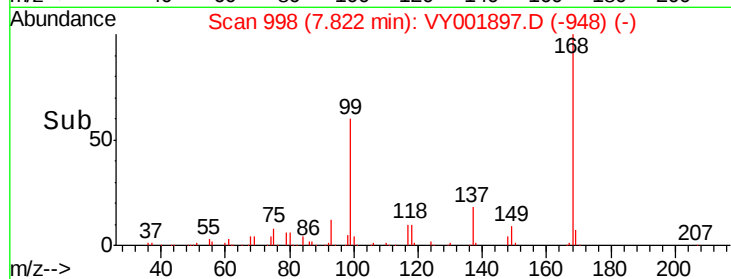
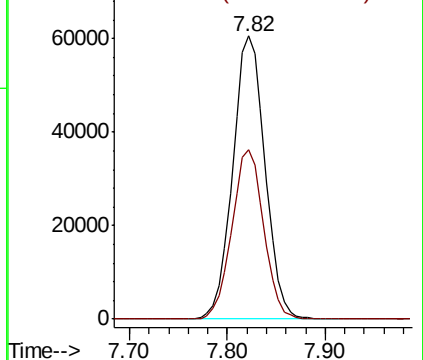
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. 0.01 min
 Lab File: VY001897.D
 Acq: 06 Mar 2020 13:25

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion:168 Resp: 137966
 Ion Ratio Lower Upper
 168 100
 99 59.8 46.7 70.1



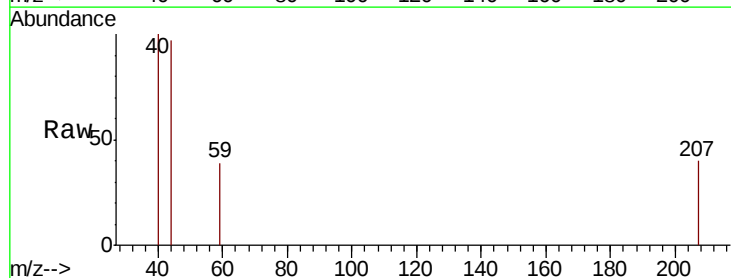
Abundance Ion 167.90 (167.60 to 168.60): VY001897.D (-986) (-)
 Ion 98.90 (98.60 to 99.60): VY001897.D (-986) (-)



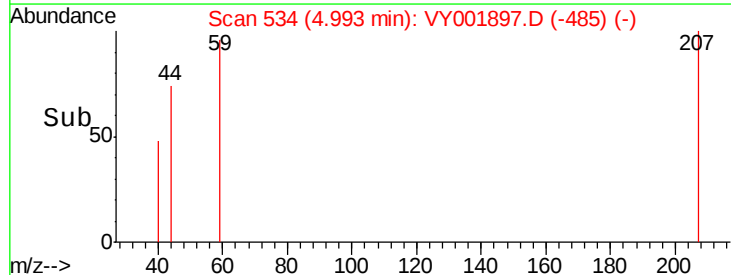
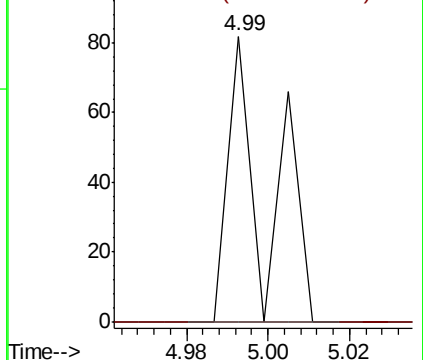
#11

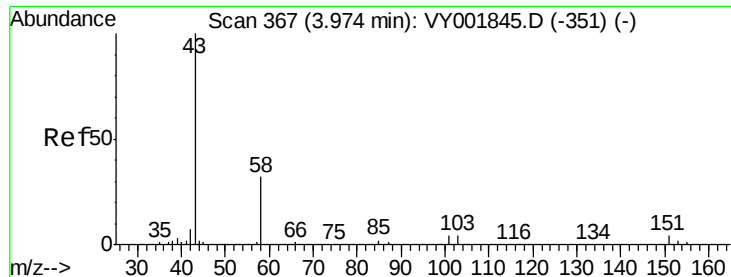
Tert butyl alcohol
 Concen: Below Cal
 RT: 4.99 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: VY001897.D
 Acq: 06 Mar 2020 13:25

Tgt Ion: 59 Resp: 54
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001897.D (-485) (-)
 Ion 57.00 (56.70 to 57.70): VY001897.D (-485) (-)





#16

Acetone

Concen: 1.287 ug/l

RT: 4.00 min Scan# 371

Delta R.T. 0.02 min

Lab File: VY001897.D

Acq: 06 Mar 2020 13:25

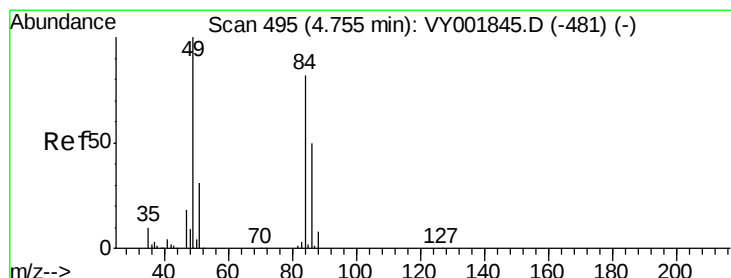
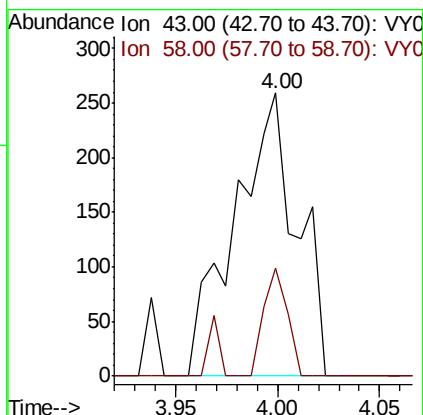
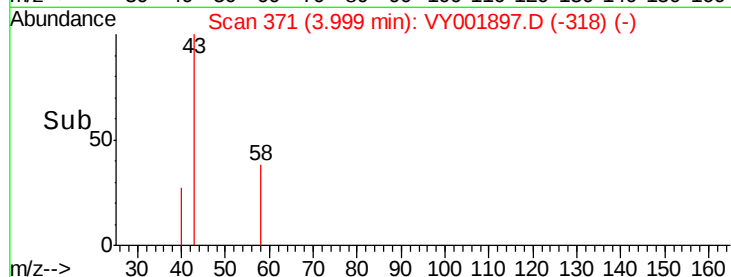
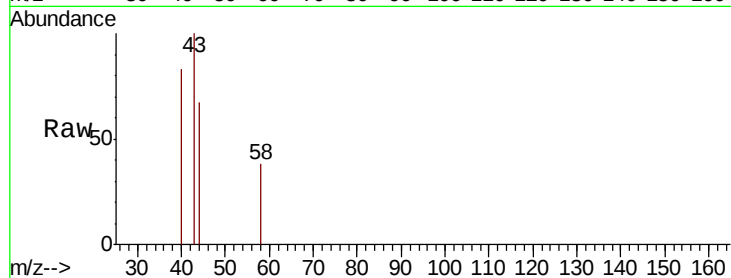
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 552

Ion Ratio Lower Upper

43 100

58 38.2 25.9 38.9



#20

Methylene Chloride

Concen: 1.164 ug/l

RT: 4.76 min Scan# 496

Delta R.T. 0.01 min

Lab File: VY001897.D

Acq: 06 Mar 2020 13:25

Tgt Ion: 84 Resp: 2140

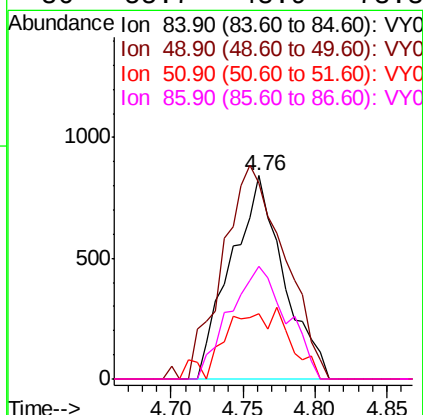
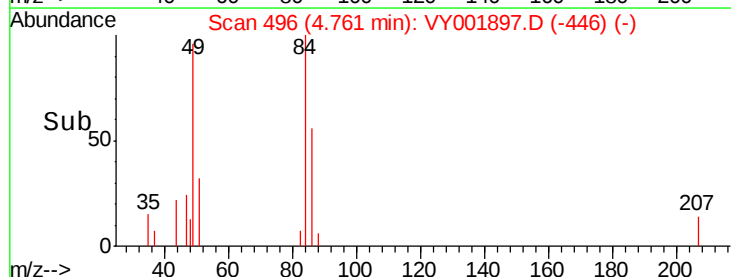
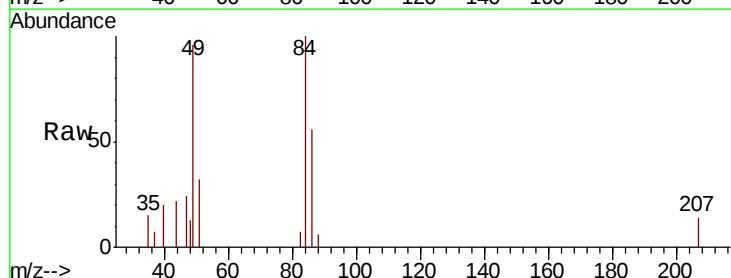
Ion Ratio Lower Upper

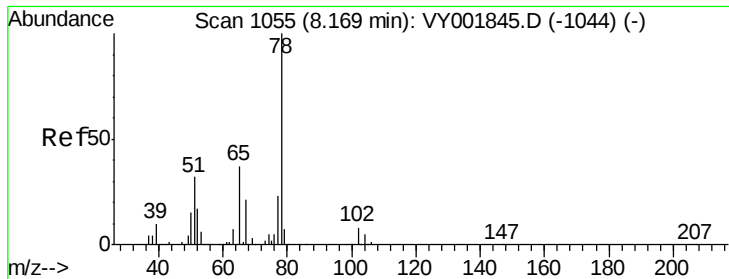
84 100

49 96.1 98.2 147.2#

51 31.8 30.2 45.2

86 55.7 48.9 73.3





#33

1,2-Dichloroethane-d4

Concen: 59.543 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.00 min

Lab File: VY001897.D

Acq: 06 Mar 2020 13:25

Instrument :

MSVOA_Y

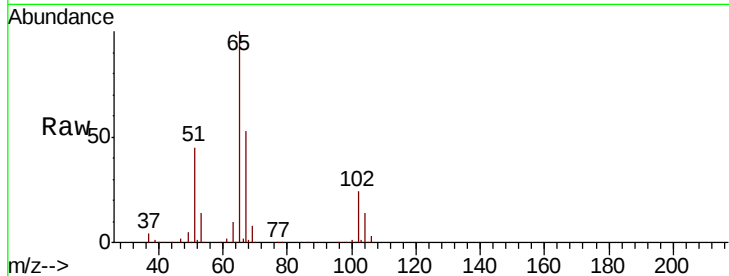
ClientSampled :

Tot Ion: 65 Resp: 87700

Ion Ratio Lower Upper

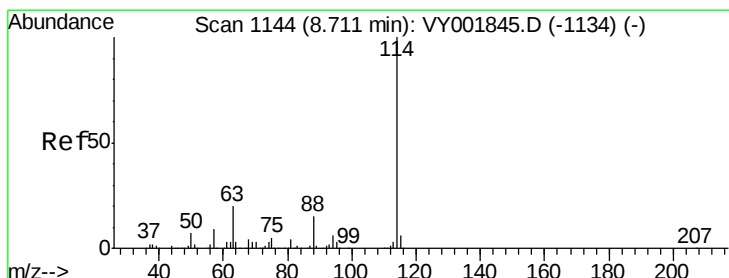
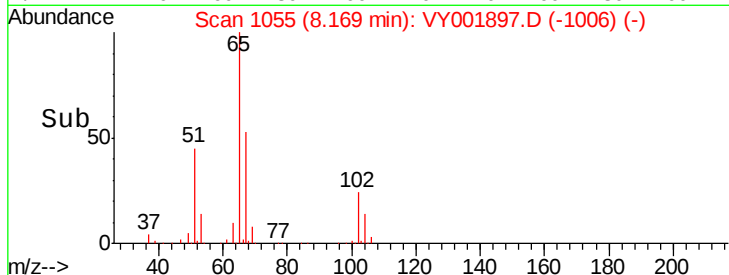
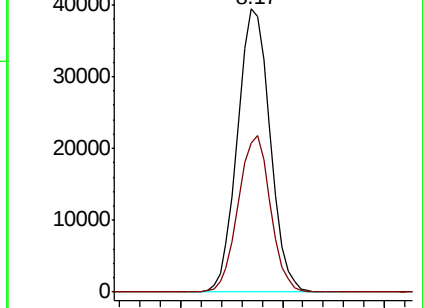
65 100

67 54.6 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY001845.D (-1044) (-)

Ion 66.90 (66.60 to 67.60): VY001845.D (-1044) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.72 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VY001897.D

Acq: 06 Mar 2020 13:25

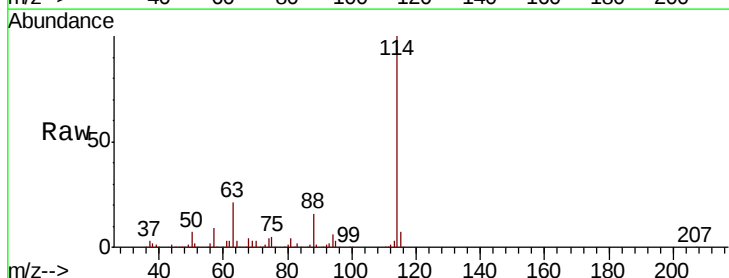
Tgt Ion: 114 Resp: 267244

Ion Ratio Lower Upper

114 100

63 20.9 0.0 39.4

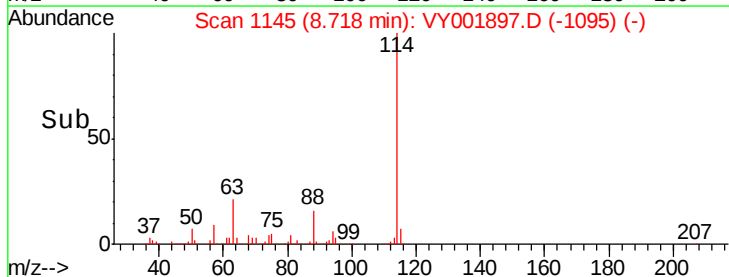
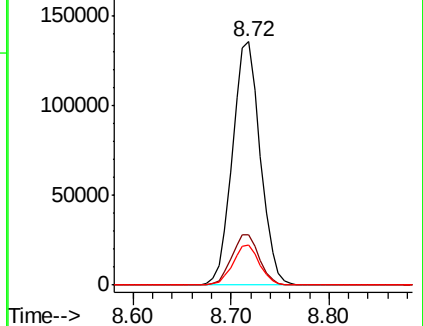
88 16.4 0.0 30.4

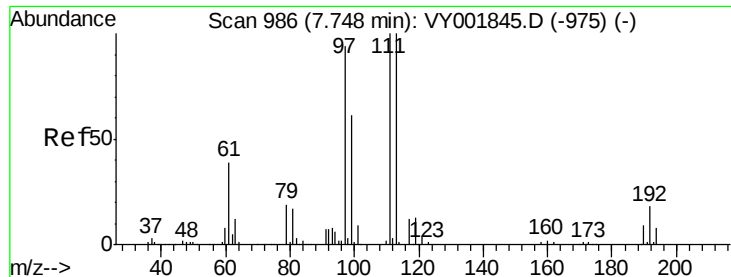


Abundance Ion 113.90 (113.60 to 114.60): VY001845.D (-1134) (-)

Ion 63.00 (62.70 to 63.70): VY001845.D (-1134) (-)

Ion 87.90 (87.60 to 88.60): VY001845.D (-1134) (-)

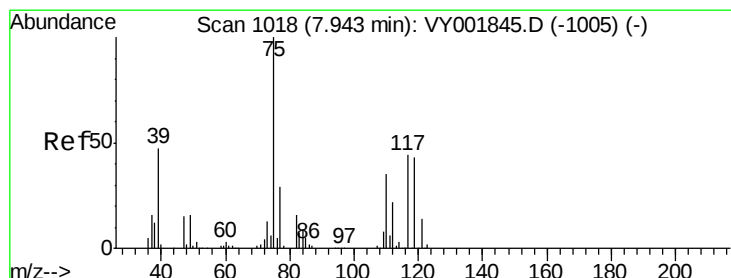
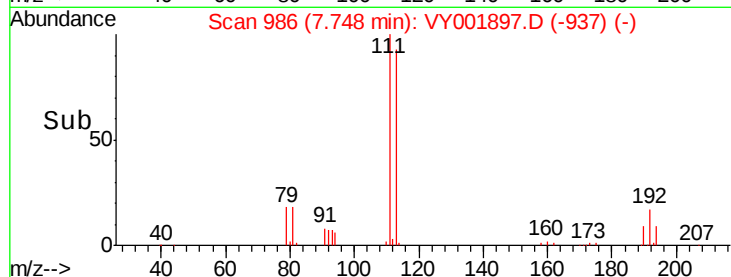
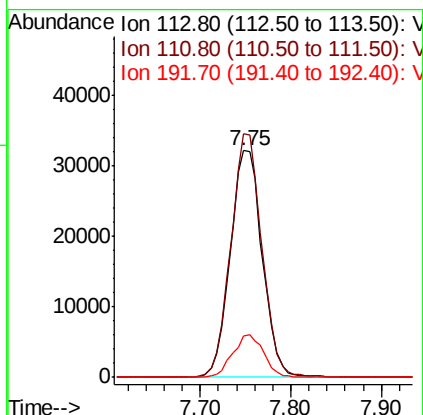
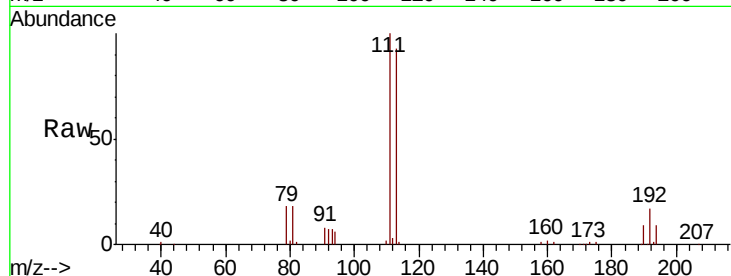




#35
 Dibromofluoromethane
 Concen: 53.736 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: VY001897.D
 Acq: 06 Mar 2020 13:25

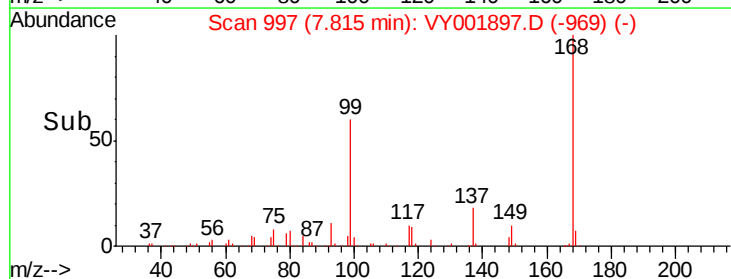
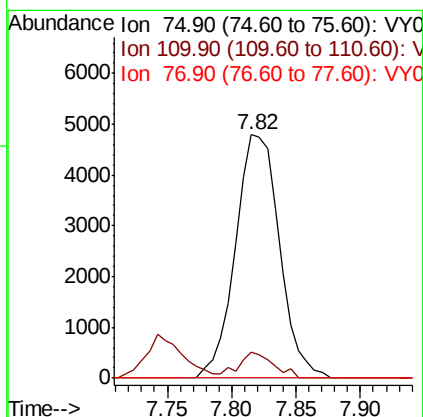
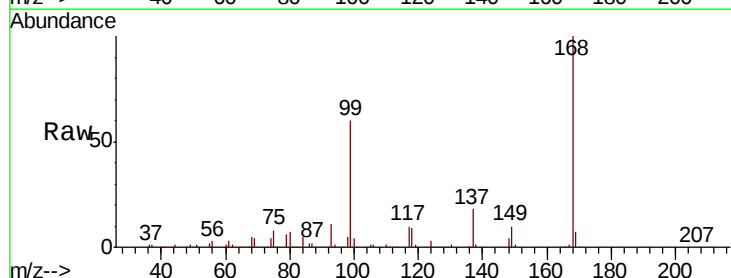
Instrument :
 MSVOA_Y
 ClientSampleId :

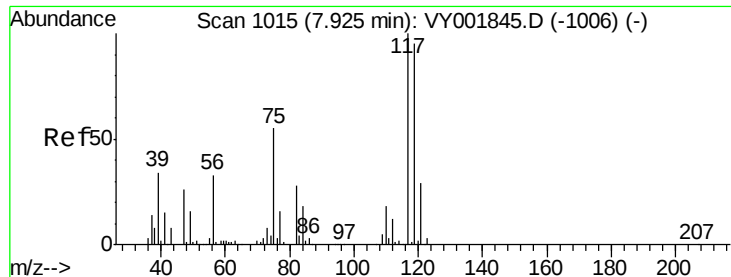
Tot Ion:113 Resp: 78416
 Ion Ratio Lower Upper
 113 100
 111 104.3 81.8 122.8
 192 18.2 14.2 21.2



#36
 1,1-Dichloropropene
 Concen: 4.424 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.13 min
 Lab File: VY001897.D
 Acq: 06 Mar 2020 13:25

Tgt Ion: 75 Resp: 11377
 Ion Ratio Lower Upper
 75 100
 110 8.5 17.4 52.2#
 77 0.0 24.2 36.2#

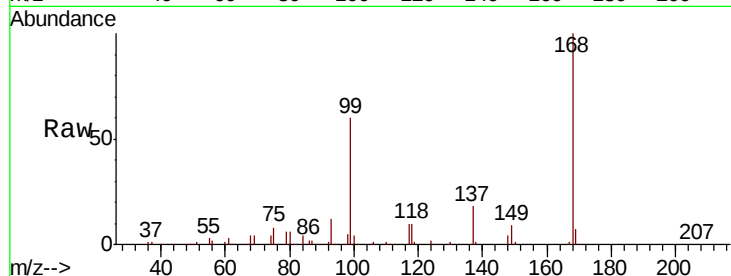




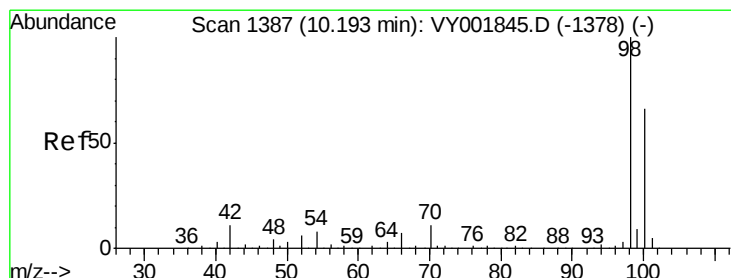
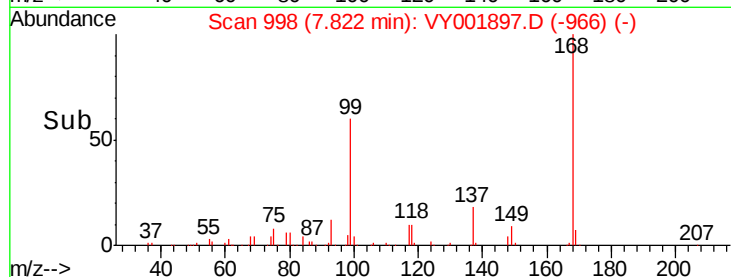
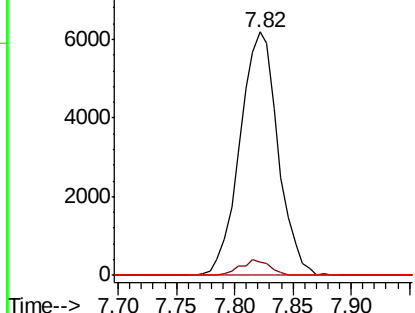
#38
Carbon Tetrachloride
Concen: 6.390 ug/l
RT: 7.82 min Scan# 998
Delta R.T. -0.10 min
Lab File: VY001897.D
Acq: 06 Mar 2020 13:25

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 14038
Ion Ratio Lower Upper
117 100
119 5.5 76.3 114.5#
121 0.0 23.5 35.3#

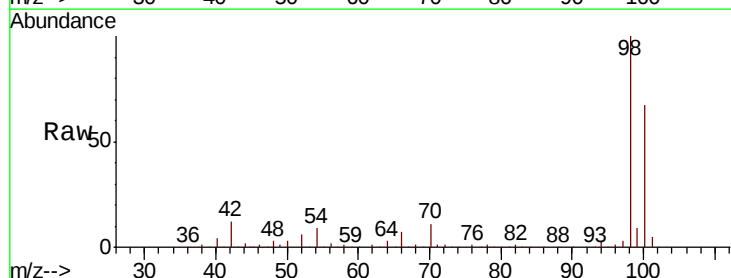


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

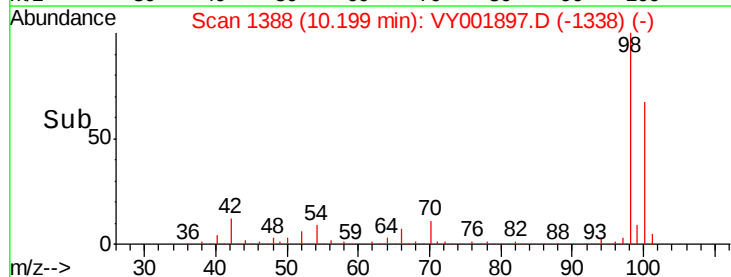
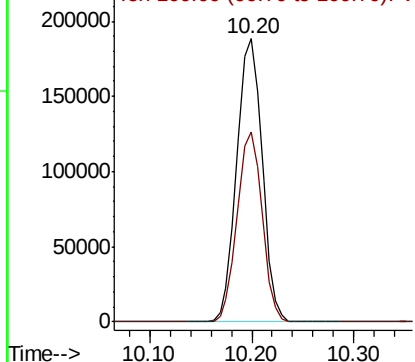


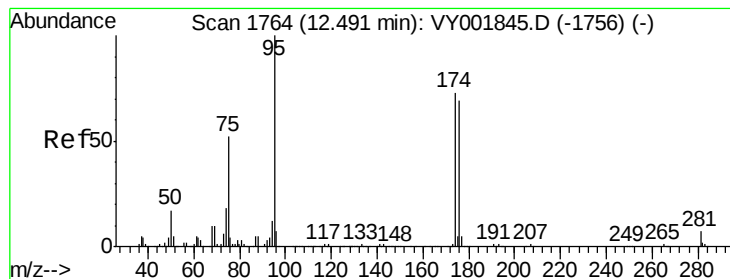
#50
Toluene-d8
Concen: 52.850 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VY001897.D
Acq: 06 Mar 2020 13:25

Tgt Ion: 98 Resp: 325213
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 49.871 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001897.D

Acq: 06 Mar 2020 13:25

Instrument :

MSVOA_Y

ClientSampleId :

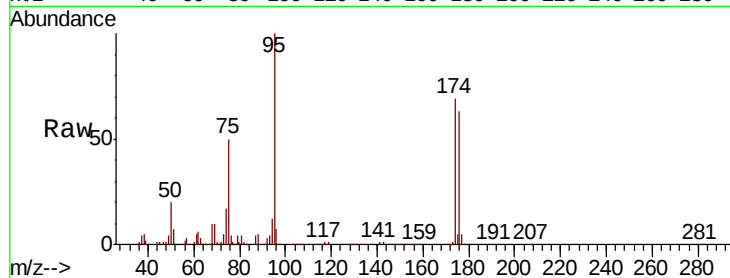
Tot Ion: 95 Resp: 106706

Ion Ratio Lower Upper

95 100

174 73.3 0.0 145.0

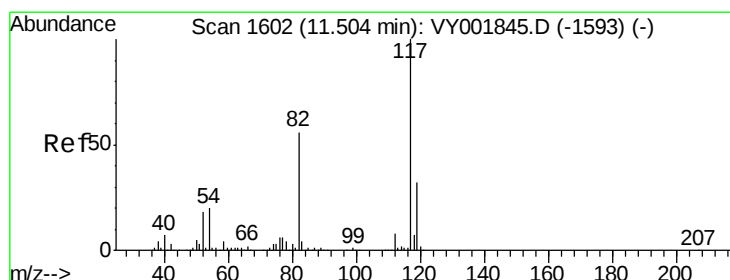
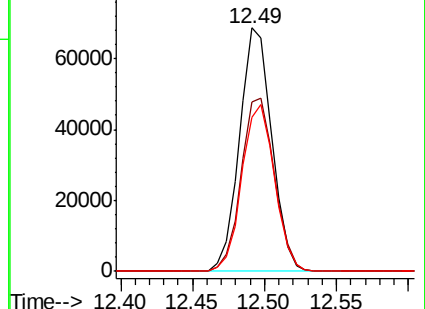
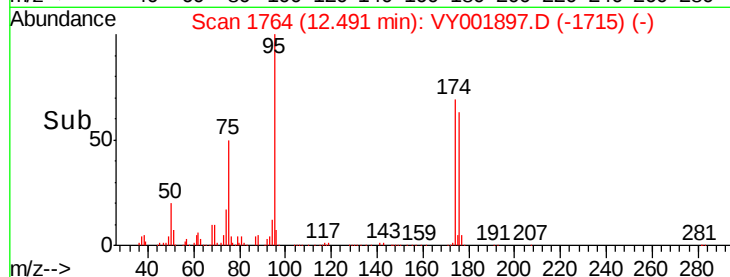
176 69.1 0.0 137.4



Abundance Ion 94.90 (94.60 to 95.60): VY001897.D (-1715) (-)

Ion 173.80 (173.50 to 174.50): VY001897.D (-1715) (-)

Ion 175.80 (175.50 to 176.50): VY001897.D (-1715) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1602

Delta R.T. 0.00 min

Lab File: VY001897.D

Acq: 06 Mar 2020 13:25

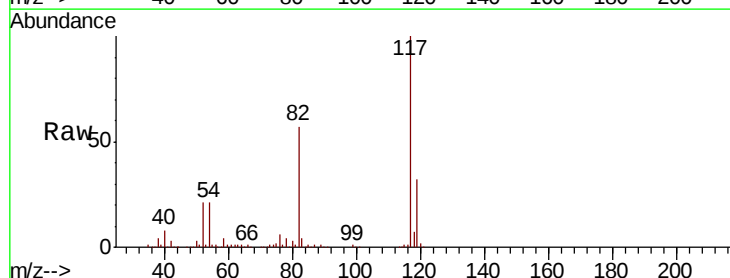
Tgt Ion: 117 Resp: 240969

Ion Ratio Lower Upper

117 100

82 57.5 44.5 66.7

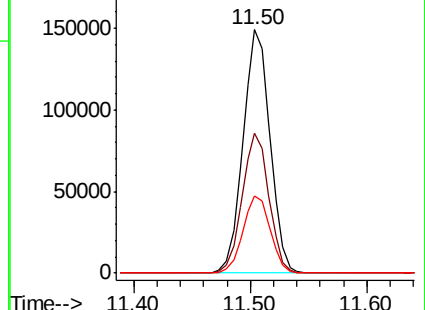
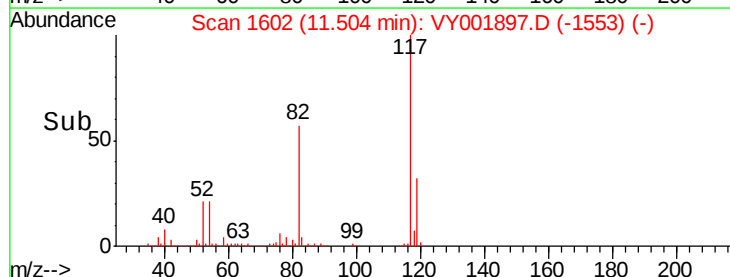
119 31.7 25.7 38.5

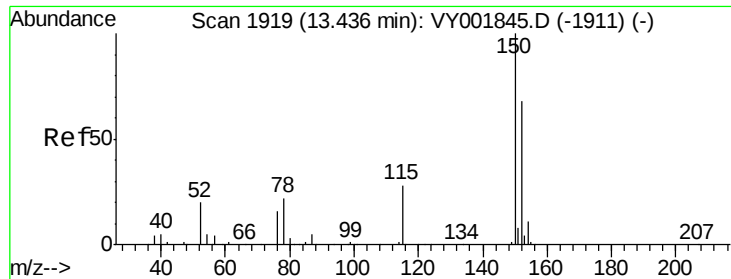


Abundance Ion 116.90 (116.60 to 117.60): VY001897.D (-1553) (-)

Ion 82.00 (81.70 to 82.70): VY001897.D (-1553) (-)

Ion 118.90 (118.60 to 119.60): VY001897.D (-1553) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VY001897.D

Acq: 06 Mar 2020 13:25

Instrument :

MSVOA_Y

ClientSampled :

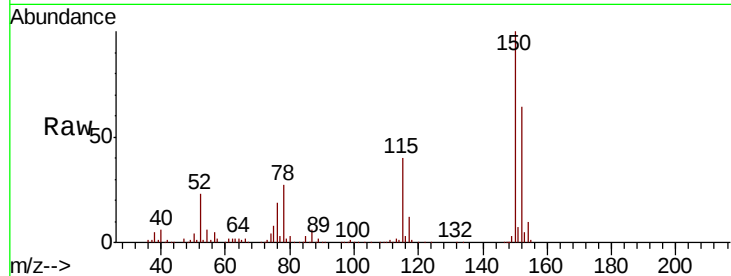
Tot Ion:152 Resp: 100954

Ion Ratio Lower Upper

152 100

115 61.4 29.9 89.7

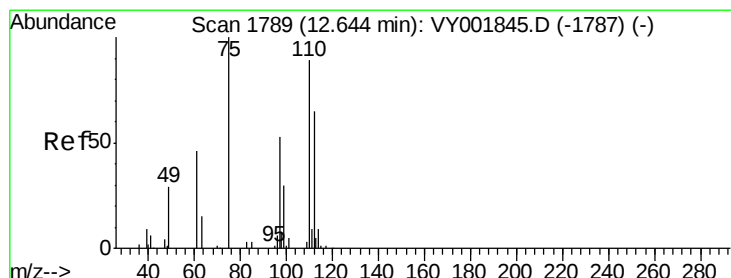
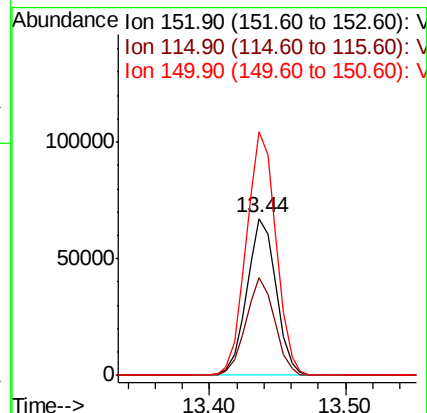
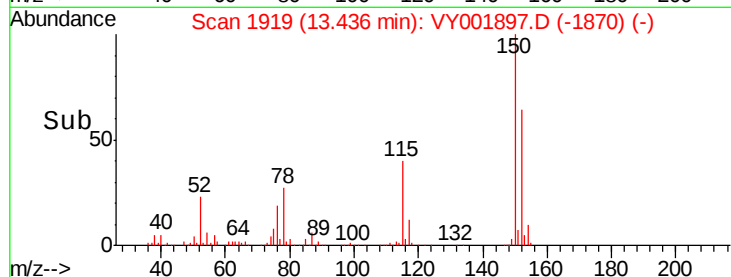
150 157.7 0.0 340.6



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



#76

1,2,3-Trichloropropane

Concen: 45.093 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY001897.D

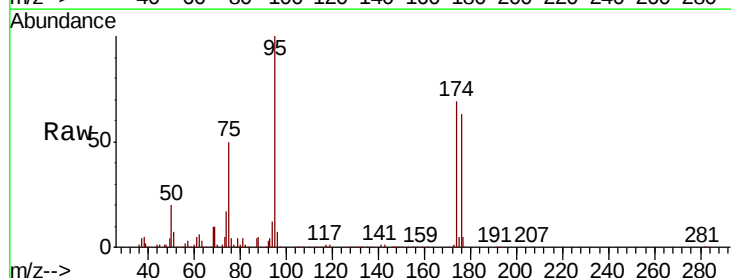
Acq: 06 Mar 2020 13:25

Tgt Ion: 75 Resp: 54016

Ion Ratio Lower Upper

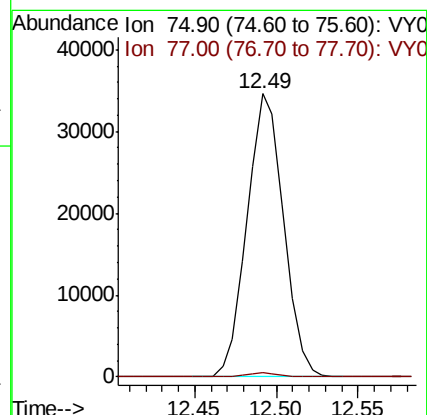
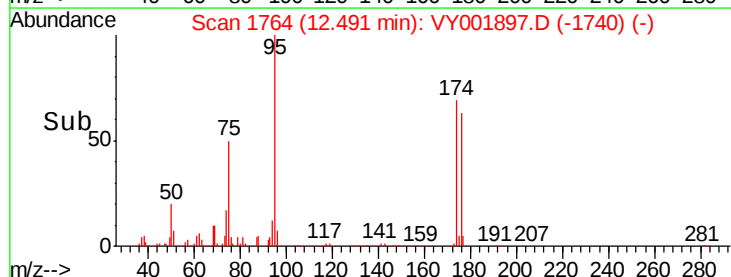
75 100

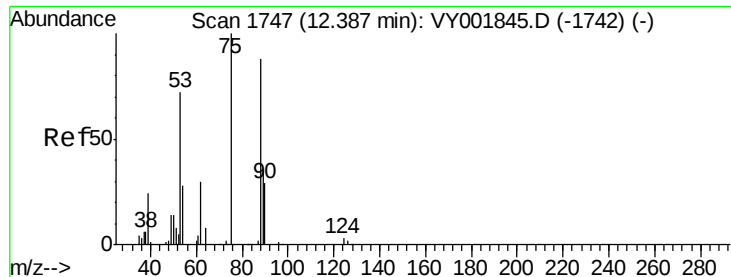
77 1.3 0.0 0.0#



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: 91.085 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY001897.D

Acq: 06 Mar 2020 13:25

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 54016

Ion Ratio Lower Upper

75 100

53 0.0 65.4 98.0#

89 0.1 36.0 54.0#

