

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020620\
 Data File : VY001533.D
 Acq On : 06 Feb 2020 16:12
 Operator : SY/MD
 Sample : L1360-03RE
 Misc : 16.76G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 07 04:08:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

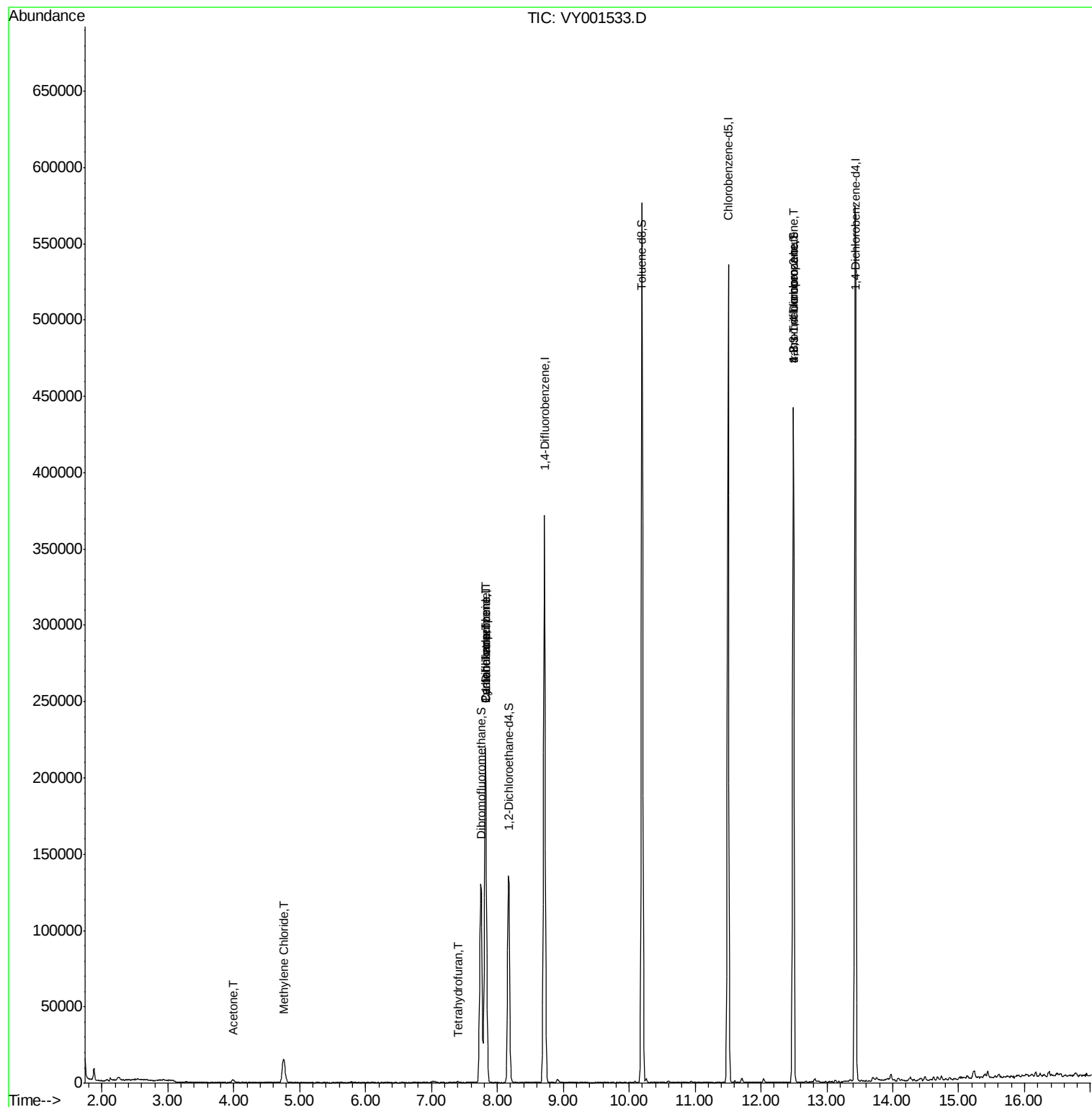
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	168191	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	313473	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	290147	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	141310	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	102710	60.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.30%	
35) Dibromofluoromethane	7.75	113	94864	52.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.96%	
50) Toluene-d8	10.19	98	373107	54.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.12%	
62) 4-Bromofluorobenzene	12.49	95	140628	52.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.40%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.00	59	104	Below Cal	#	76
16) Acetone	3.99	43	3111	6.351	ug/l #	86
20) Methylene Chloride	4.75	84	12302	1.864	ug/l	90
29) Tetrahydrofuran	7.40	42	444	1.166	ug/l #	62
31) Cyclohexane	7.82	56	3768	1.143	ug/l #	28
36) 1,1-Dichloropropene	7.82	75	13442	4.687	ug/l #	49
38) Carbon Tetrachloride	7.82	117	16711	6.023	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	70255	46.231	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	70255	89.455	ug/l #	16

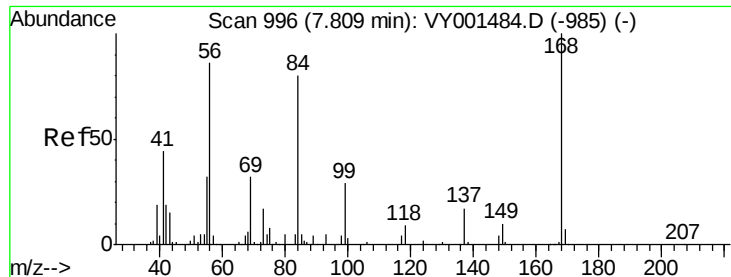
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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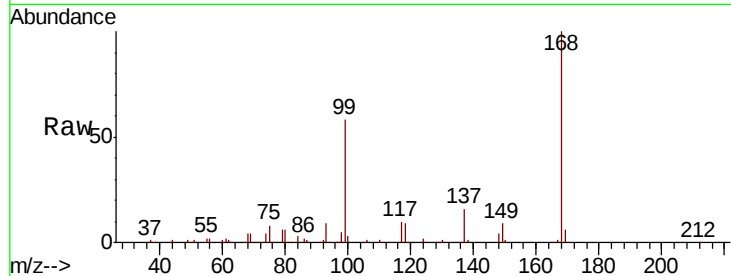


#1

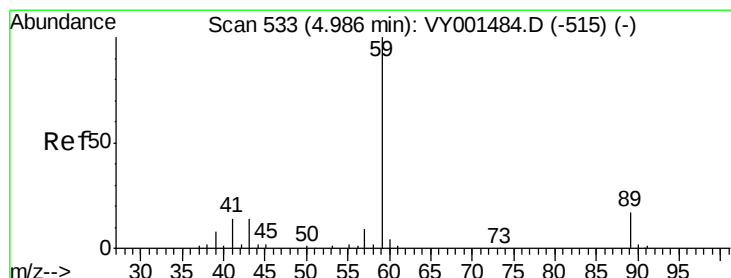
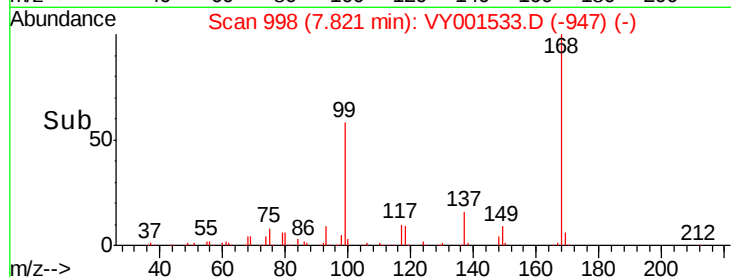
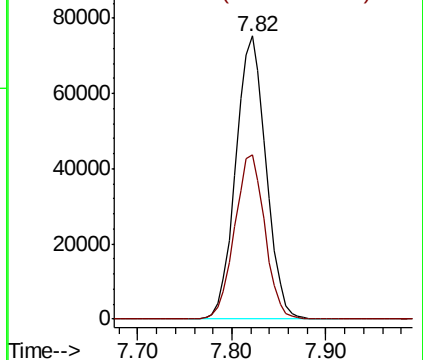
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. 0.01 min
 Lab File: VY001533.D
 Acq: 06 Feb 2020 16:12

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:168 Resp: 168191
 Ion Ratio Lower Upper
 168 100
 99 58.2 48.2 72.4



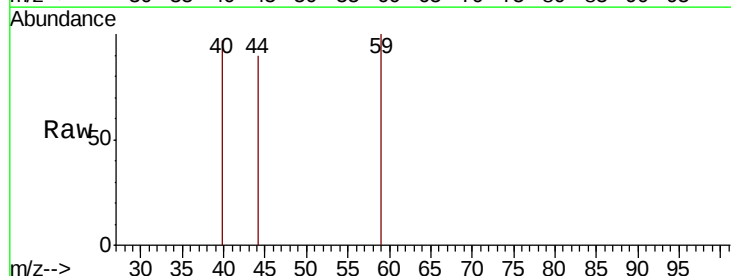
Abundance Ion 167.90 (167.60 to 168.60): VY001533.D (-947) (-)
 Ion 98.90 (98.60 to 99.60): VY001533.D (-947) (-)



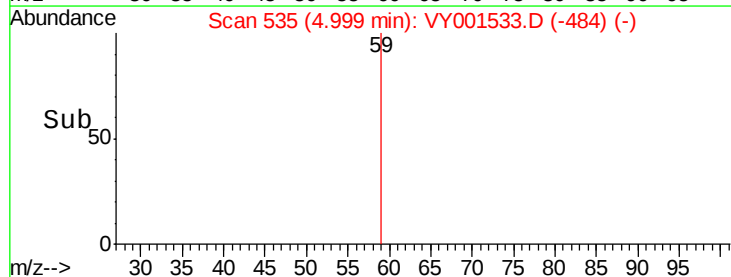
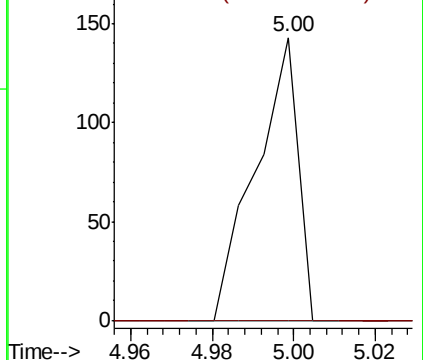
#11

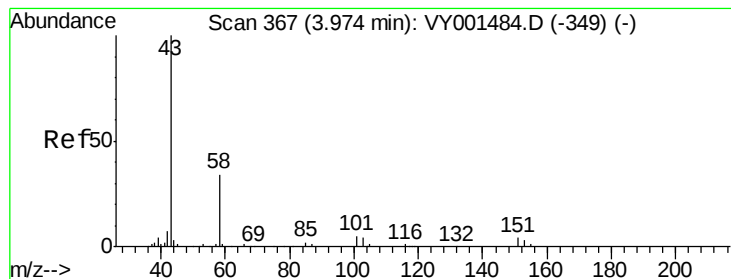
Tert butyl alcohol
 Concen: Below Cal
 RT: 5.00 min Scan# 535
 Delta R.T. 0.01 min
 Lab File: VY001533.D
 Acq: 06 Feb 2020 16:12

Tgt Ion: 59 Resp: 104
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.0 10.6#



Abundance Ion 59.00 (58.70 to 59.70): VY001533.D (-484) (-)
 Ion 57.00 (56.70 to 57.70): VY001533.D (-484) (-)





#16

Acetone

Concen: 6.351 ug/l

RT: 3.99 min Scan# 369

Delta R.T. 0.01 min

Lab File: VY001533.D

Acq: 06 Feb 2020 16:12

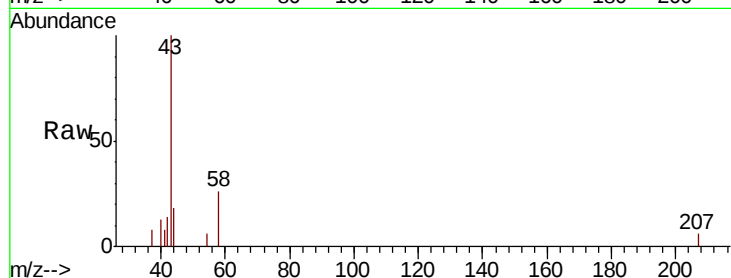
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 3111

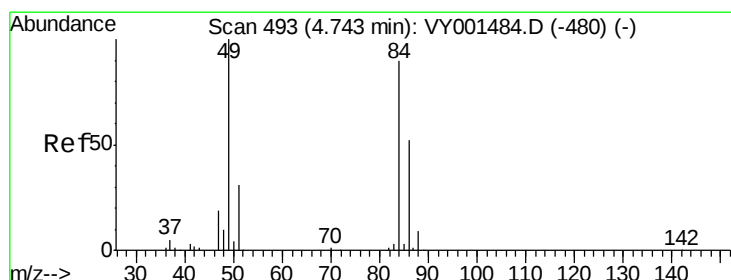
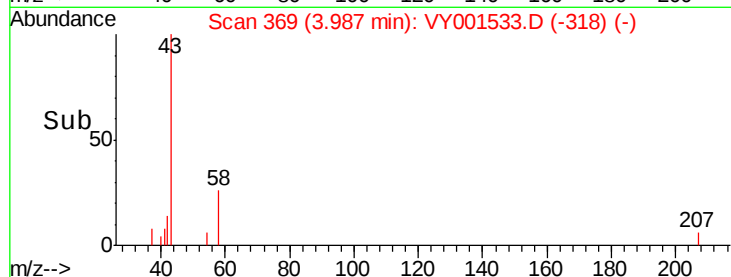
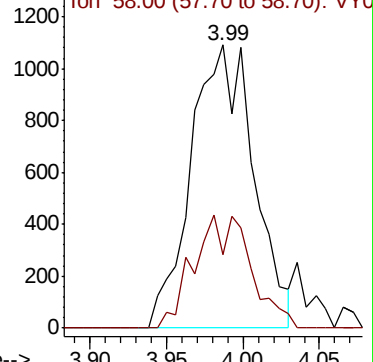
Ion Ratio Lower Upper

43 100

58 26.1 27.5 41.3#



Abundance Ion 43.00 (42.70 to 43.70): VY001533.D (-369) (-)



#20

Methylene Chloride

Concen: 1.864 ug/l

RT: 4.75 min Scan# 495

Delta R.T. 0.01 min

Lab File: VY001533.D

Acq: 06 Feb 2020 16:12

Tgt Ion: 84 Resp: 12302

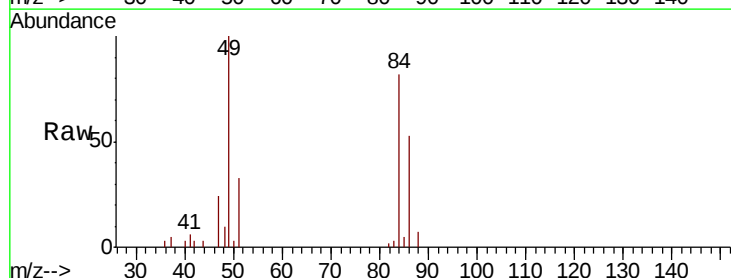
Ion Ratio Lower Upper

84 100

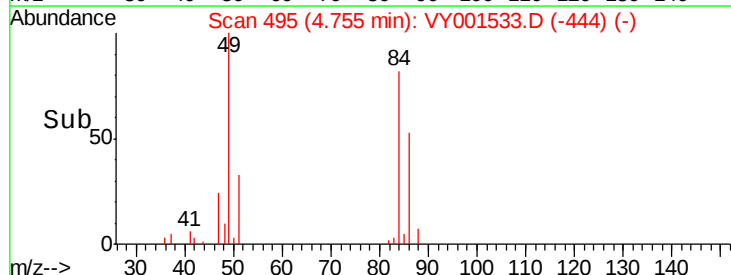
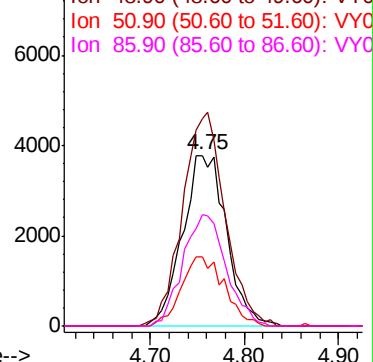
49 122.1 89.0 133.6

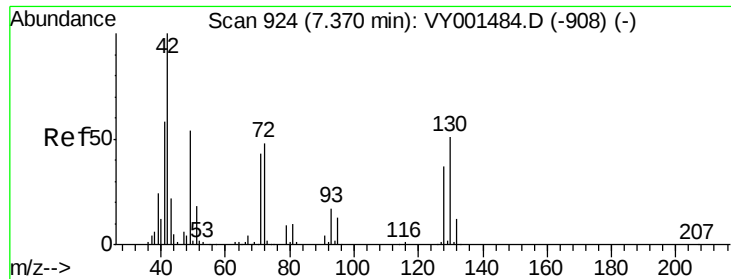
51 40.8 27.4 41.2

86 65.2 46.6 70.0



Abundance Ion 83.90 (83.60 to 84.60): VY001533.D (-495) (-)

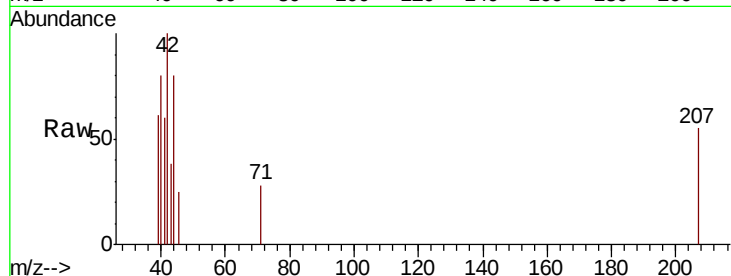




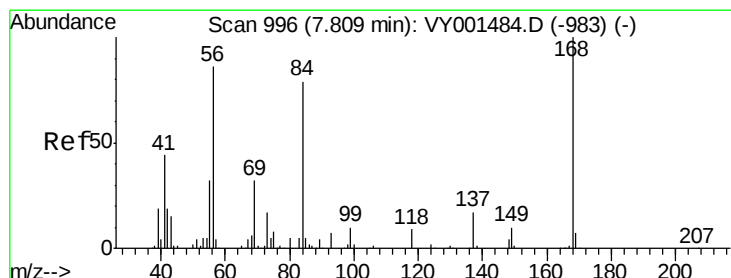
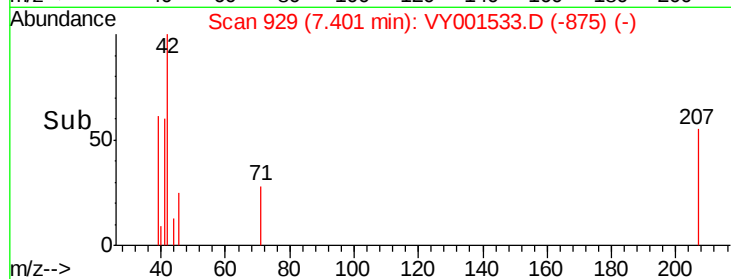
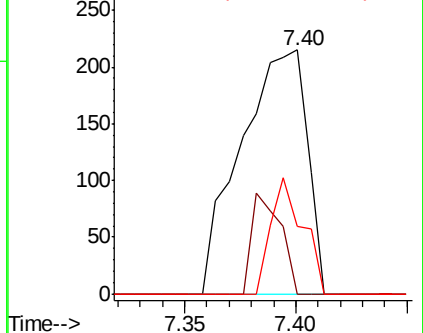
#29
Tetrahydrofuran
Concen: 1.166 ug/l
RT: 7.40 min Scan# 929
Delta R.T. 0.03 min
Lab File: VY001533.D
Acq: 06 Feb 2020 16:12

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 42 Resp: 444
Ion Ratio Lower Upper
42 100
72 18.2 37.8 56.6#
71 23.0 34.8 52.2#

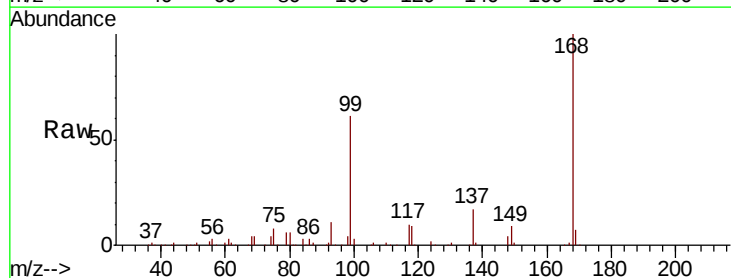


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

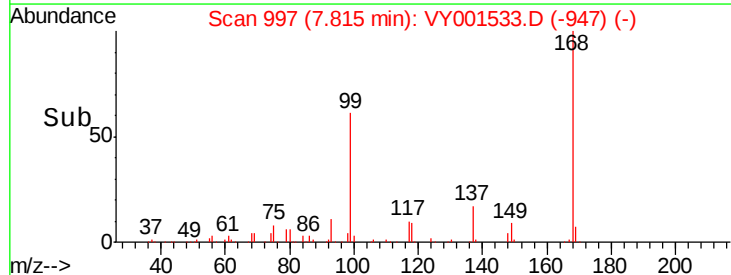
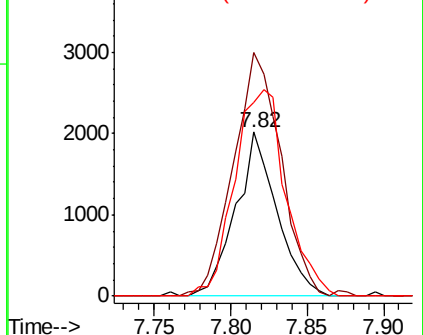


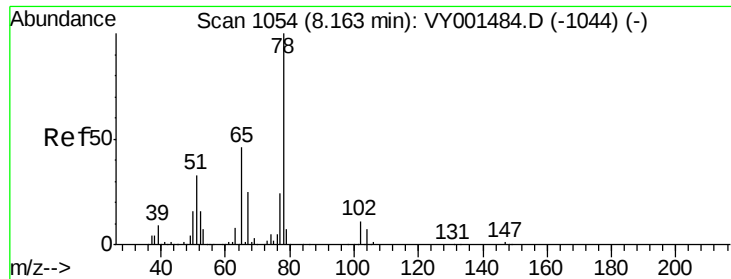
#31
Cyclohexane
Concen: 1.143 ug/l
RT: 7.82 min Scan# 997
Delta R.T. 0.01 min
Lab File: VY001533.D
Acq: 06 Feb 2020 16:12

Tgt Ion: 56 Resp: 3768
Ion Ratio Lower Upper
56 100
69 145.8 29.6 44.4#
84 118.4 73.6 110.4#



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

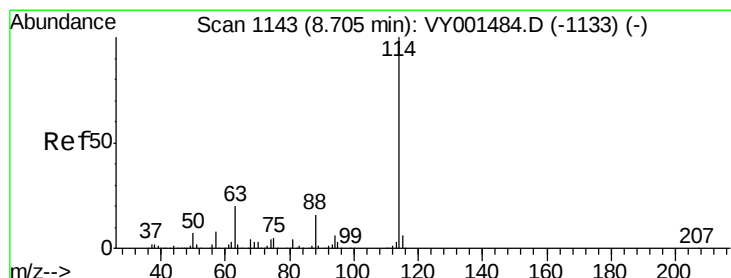
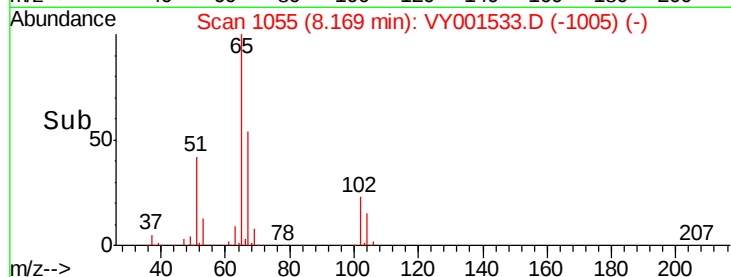
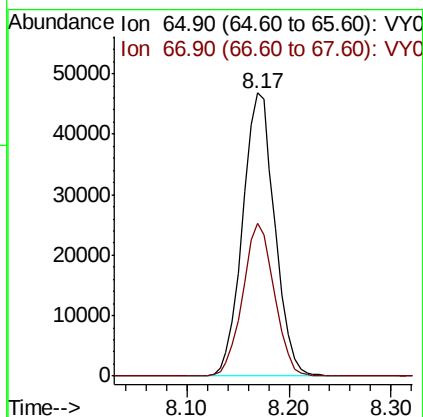
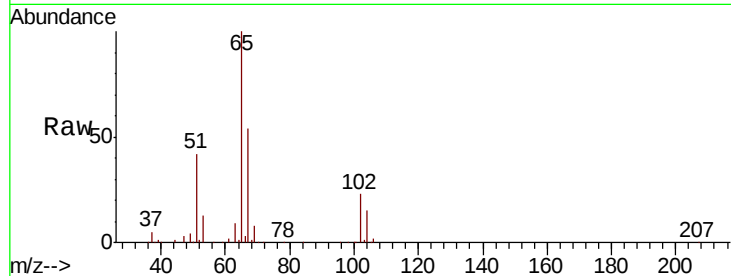




#33
 1,2-Dichloroethane-d4
 Concen: 60.652 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.01 min
 Lab File: VY001533.D
 Acq: 06 Feb 2020 16:12

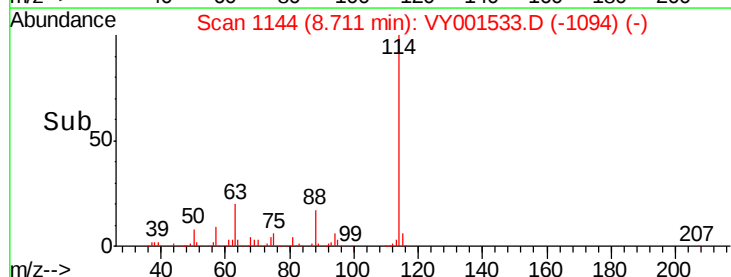
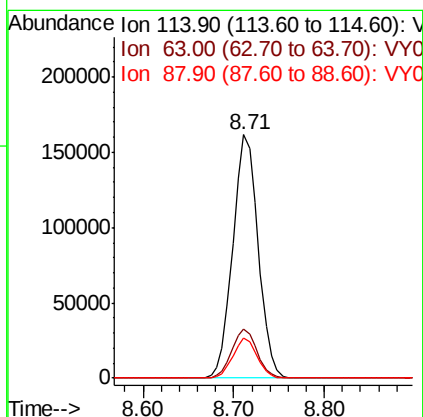
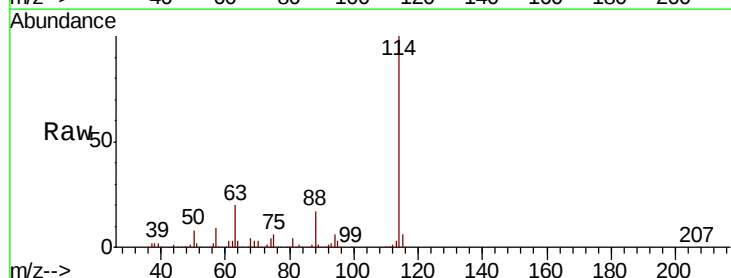
Instrument :
 MSVOA_Y
 ClientSampled :

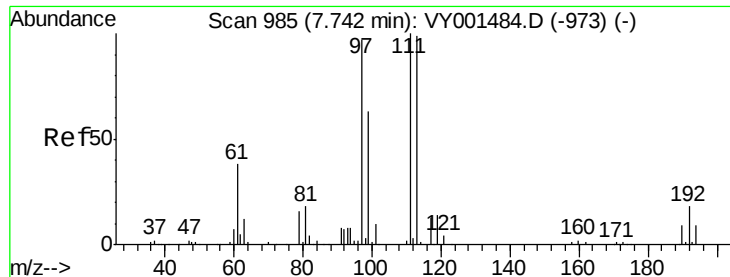
Tot Ion: 65 Resp: 102710
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY001533.D
 Acq: 06 Feb 2020 16:12

Tgt Ion: 114 Resp: 313473
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.8
 88 16.6 0.0 32.6

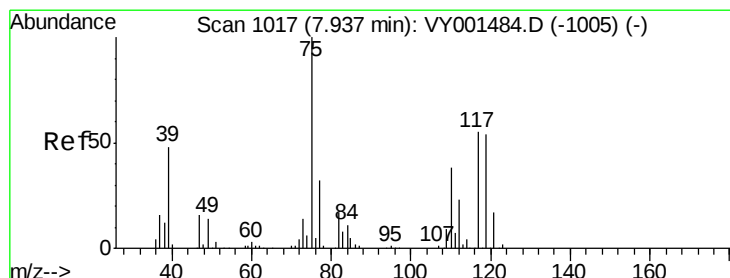
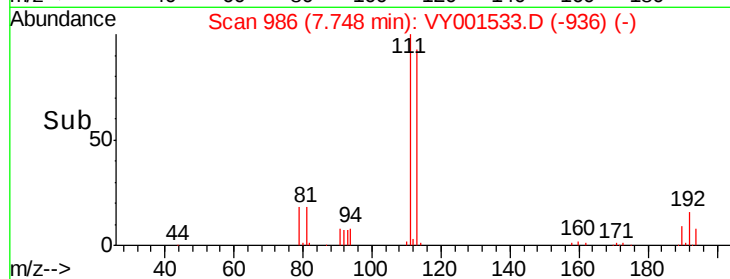
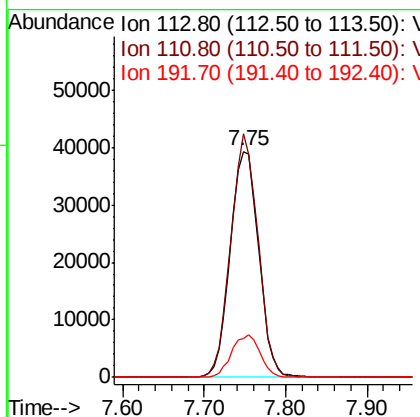
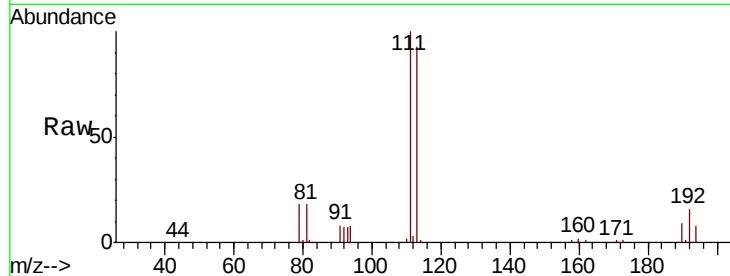




#35
 Dibromofluoromethane
 Concen: 52.480 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: VY001533.D
 Acq: 06 Feb 2020 16:12

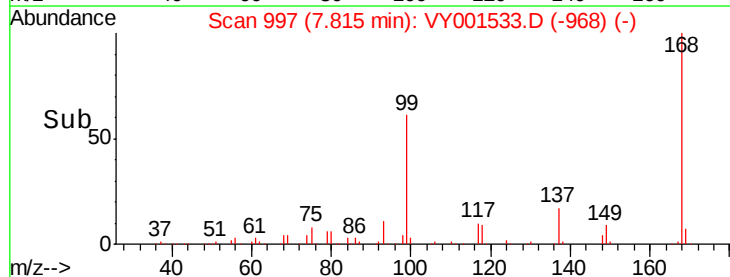
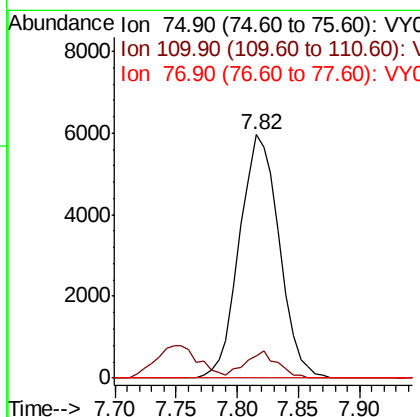
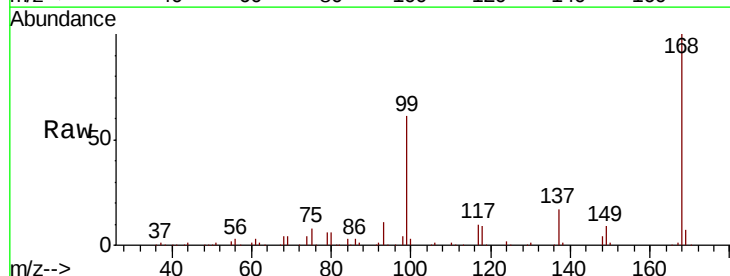
Instrument :
 MSVOA_Y
 ClientSampleId :

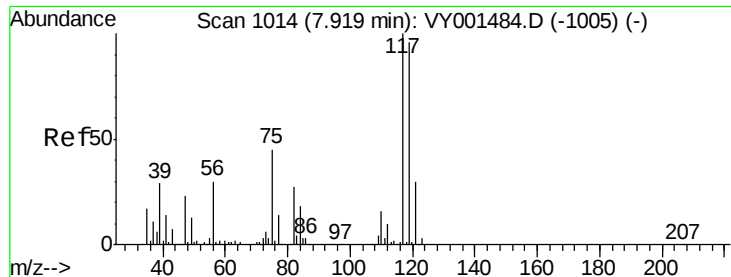
Tot Ion:113 Resp: 94864
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.9 124.3
 192 18.9 14.6 22.0



#36
 1,1-Dichloropropene
 Concen: 4.687 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.12 min
 Lab File: VY001533.D
 Acq: 06 Feb 2020 16:12

Tgt Ion: 75 Resp: 13442
 Ion Ratio Lower Upper
 75 100
 110 9.1 18.2 54.6#
 77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.023 ug/l

RT: 7.82 min Scan# 998

Delta R.T. -0.10 min

Lab File: VY001533.D

Acq: 06 Feb 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

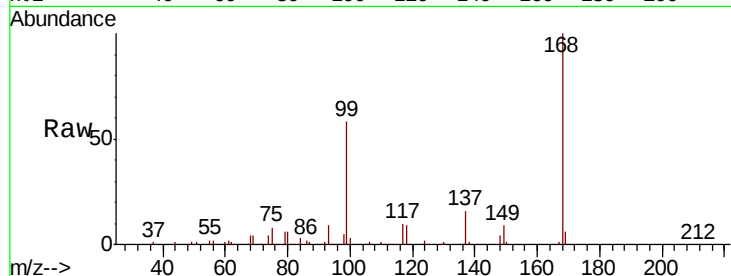
Tot Ion:117 Resp: 16711

Ion Ratio Lower Upper

117 100

119 4.5 76.4 114.6#

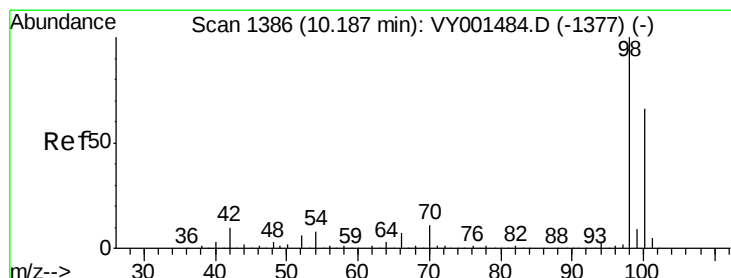
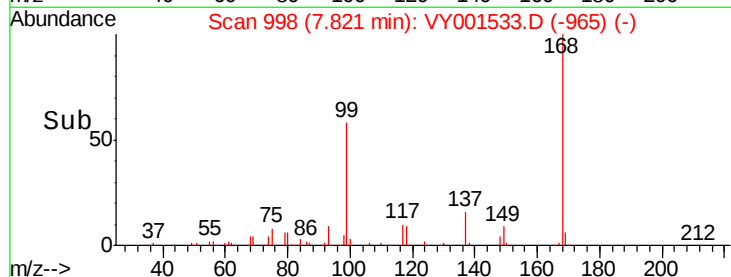
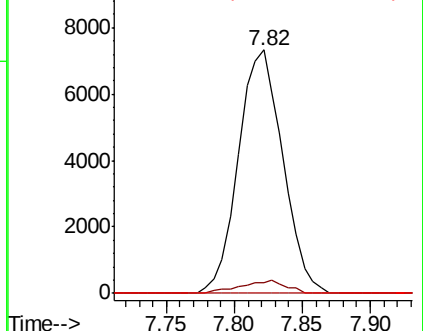
121 0.0 24.2 36.4#



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: 54.555 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001533.D

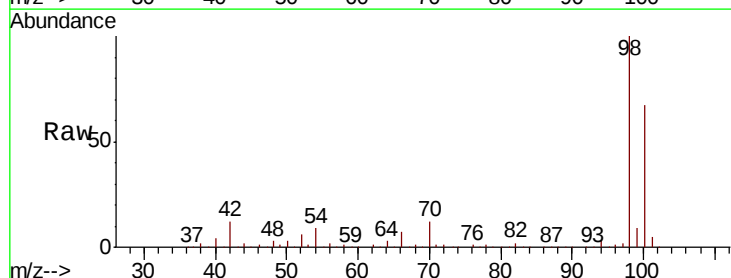
Acq: 06 Feb 2020 16:12

Tgt Ion: 98 Resp: 373107

Ion Ratio Lower Upper

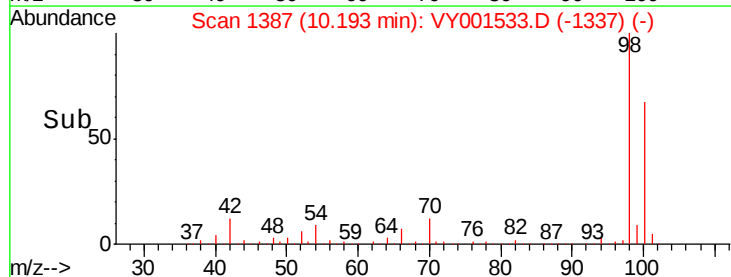
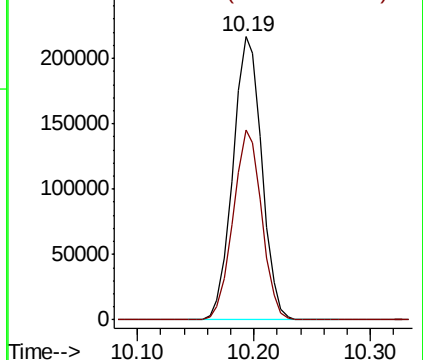
98 100

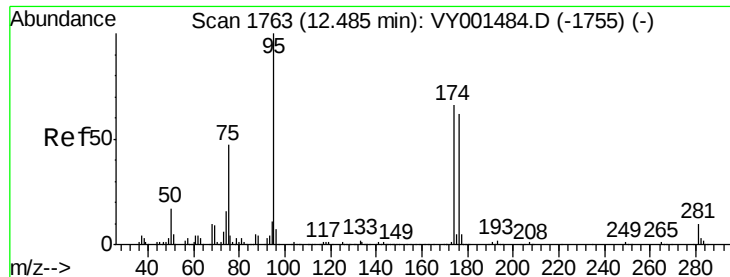
100 66.3 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 52.196 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001533.D

Acq: 06 Feb 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

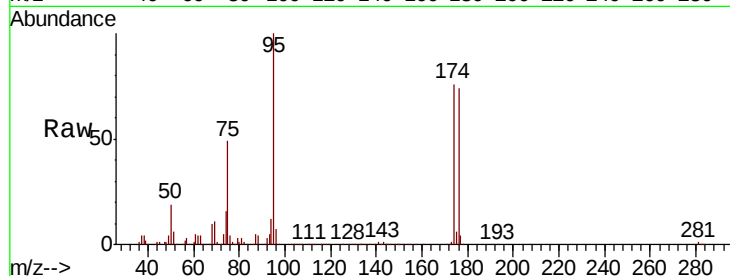
Tot Ion: 95 Resp: 140628

Ion Ratio Lower Upper

95 100

174 74.0 0.0 141.4

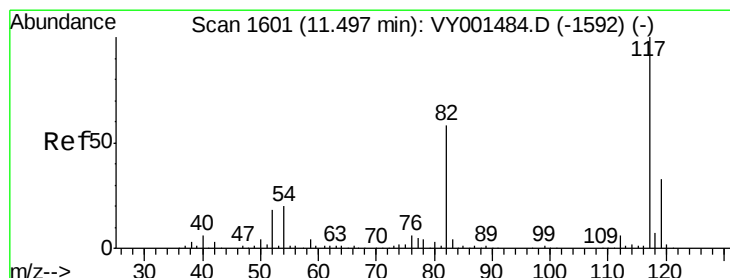
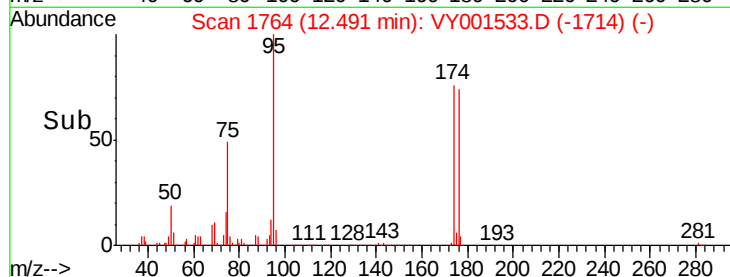
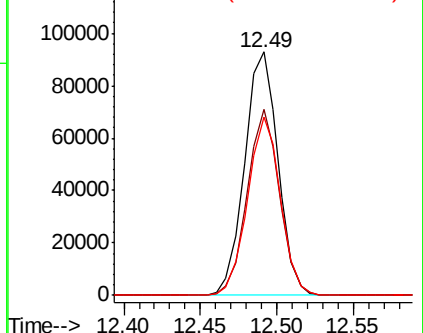
176 72.2 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VY001533.D (-1714) (-)

Ion 173.80 (173.50 to 174.50): VY001533.D (-1714) (-)

Ion 175.80 (175.50 to 176.50): VY001533.D (-1714) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1602

Delta R.T. 0.01 min

Lab File: VY001533.D

Acq: 06 Feb 2020 16:12

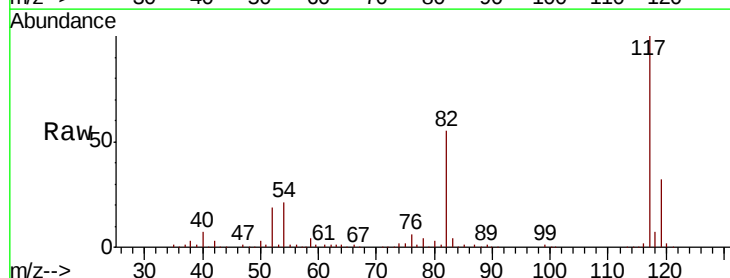
Tgt Ion: 117 Resp: 290147

Ion Ratio Lower Upper

117 100

82 55.0 46.1 69.1

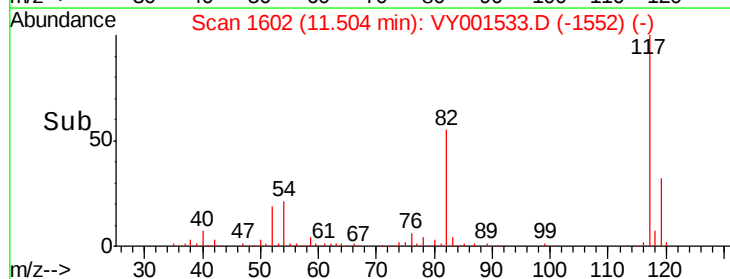
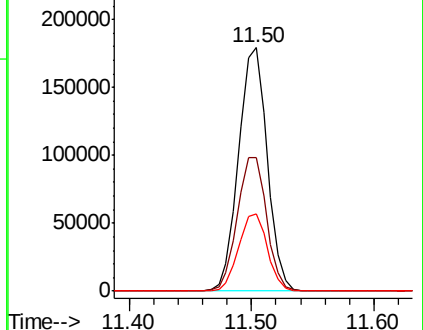
119 31.9 26.1 39.1

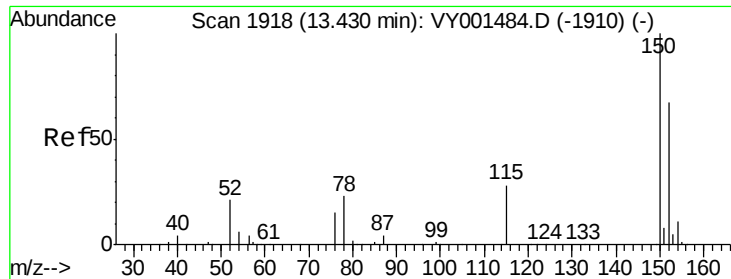


Abundance Ion 116.90 (116.60 to 117.60): VY001533.D (-1552) (-)

Ion 82.00 (81.70 to 82.70): VY001533.D (-1552) (-)

Ion 118.90 (118.60 to 119.60): VY001533.D (-1552) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY001533.D

Acq: 06 Feb 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

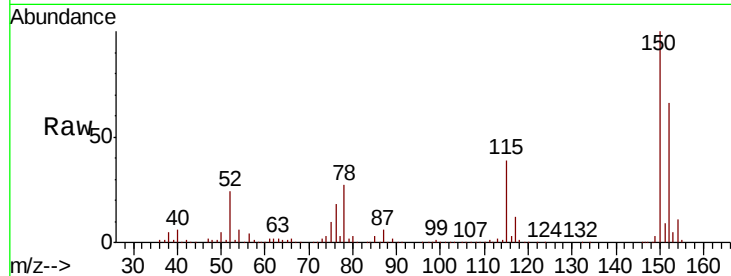
Tot Ion:152 Resp: 141310

Ion Ratio Lower Upper

152 100

115 58.8 31.4 94.3

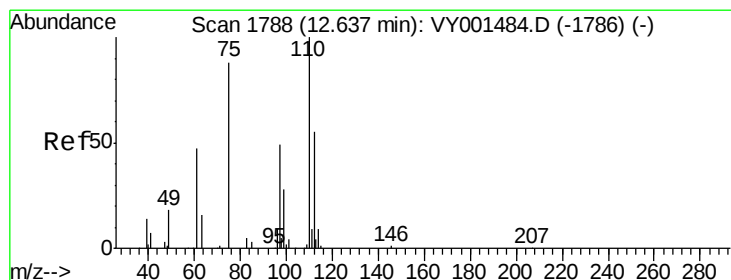
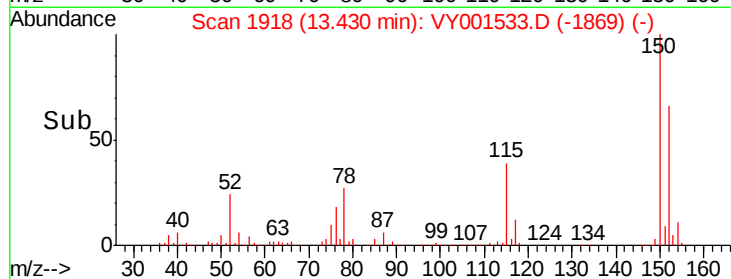
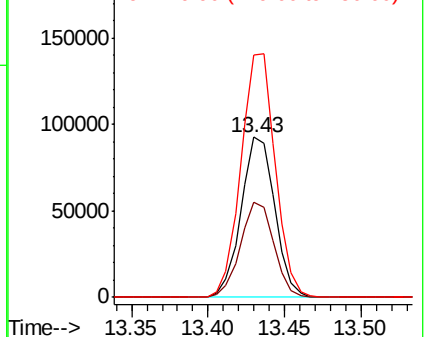
150 155.1 0.0 346.8



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: 46.231 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY001533.D

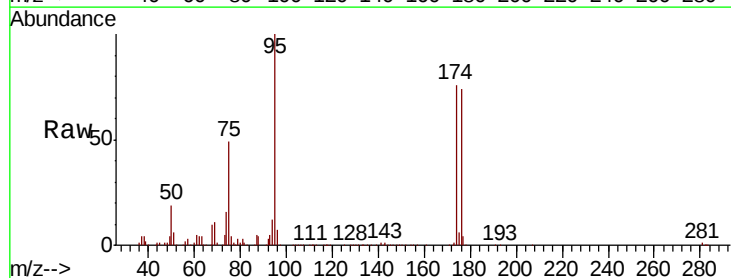
Acq: 06 Feb 2020 16:12

Tgt Ion: 75 Resp: 70255

Ion Ratio Lower Upper

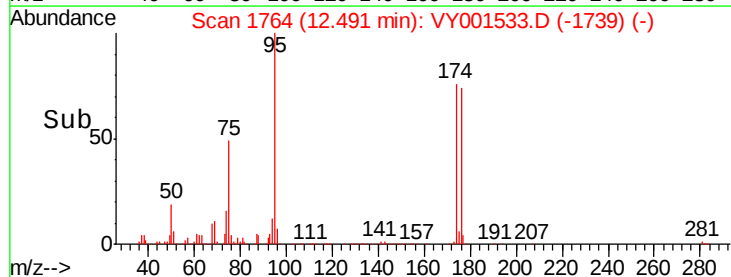
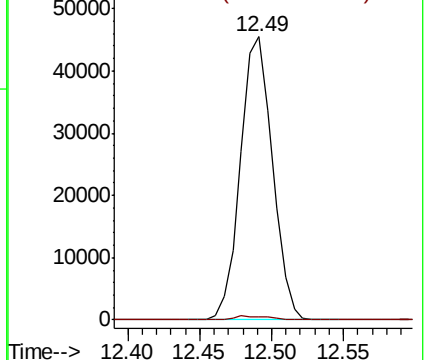
75 100

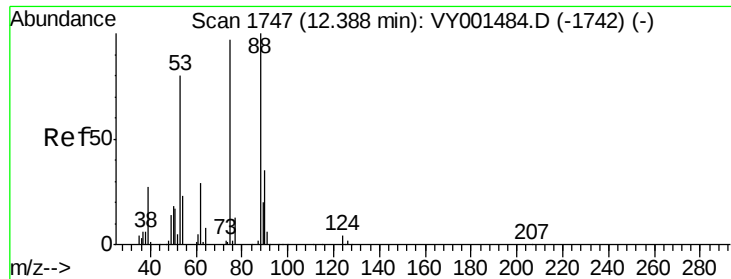
77 1.6 0.0 0.0#



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: 89.455 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.10 min
 Lab File: VY001533.D
 Acq: 06 Feb 2020 16:12

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 75 Resp: 70255
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.7 101.5#
 89 0.0 34.6 52.0#

