

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110619\
 Data File : VY000555.D
 Acq On : 06 Nov 2019 16:39
 Operator : SY/MD
 Sample : K5717-03
 Misc : 6.31G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VC-TP

Quant Time: Nov 07 04:57:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

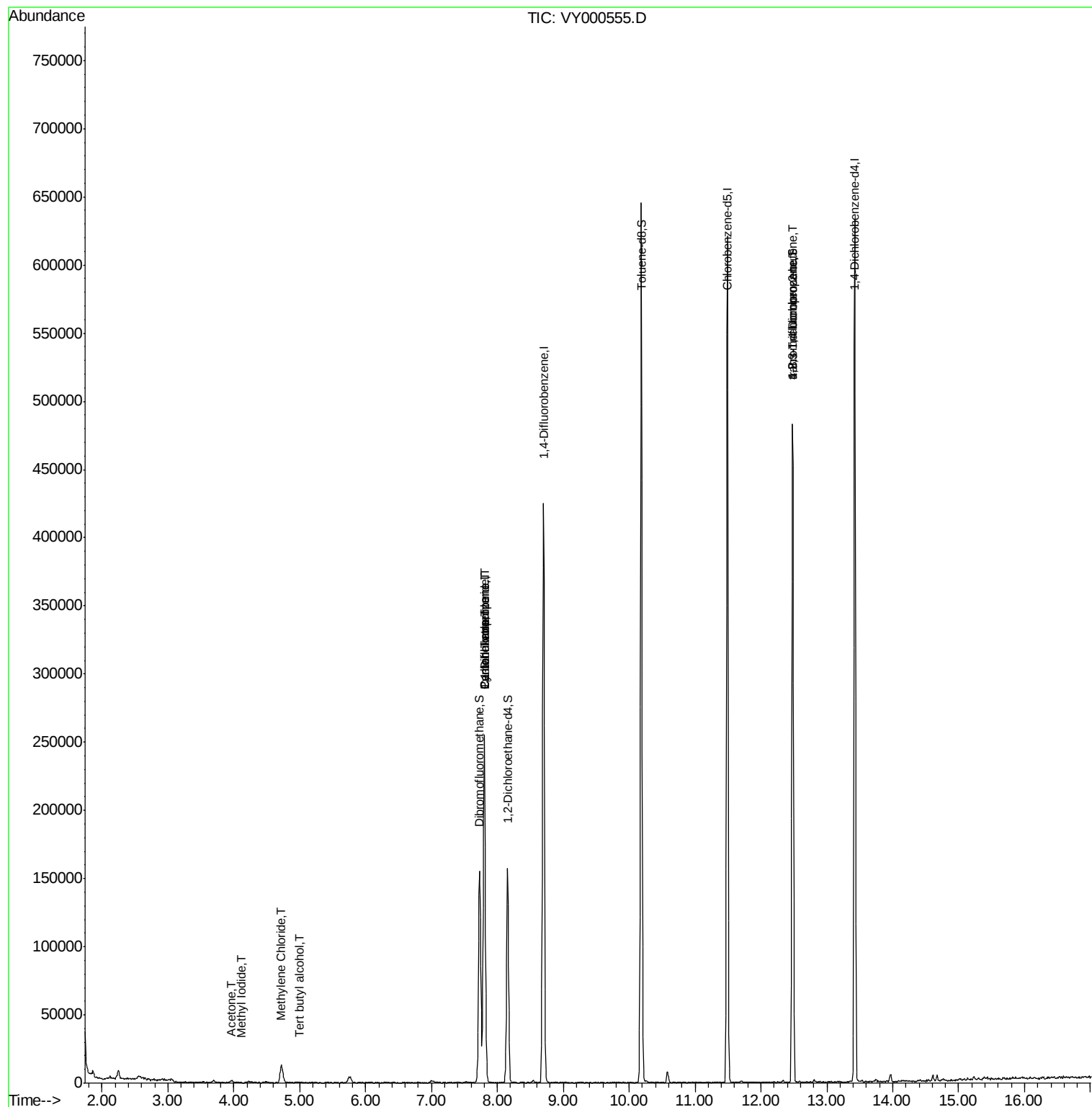
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	195622	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	354212	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	322024	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	147347	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	118946	58.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.52%	
35) Dibromofluoromethane	7.73	113	105346	50.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.32%	
50) Toluene-d8	10.18	98	409838	51.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.88%	
62) 4-Bromofluorobenzene	12.48	95	144575	48.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.26%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.10	142	49	3.217	ug/l #	41
11) Tert butyl alcohol	4.99	59	669	3.395	ug/l #	72
16) Acetone	3.96	43	2551	4.572	ug/l #	80
20) Methylene Chloride	4.72	84	8932	3.736	ug/l #	87
31) Cyclohexane	7.81	56	4988	1.273	ug/l #	52
36) 1,1-Dichloropropene	7.80	75	16079	4.802	ug/l #	49
38) Carbon Tetrachloride	7.80	117	19258	5.977	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	75820	45.192	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	75820	101.326	ug/l #	13

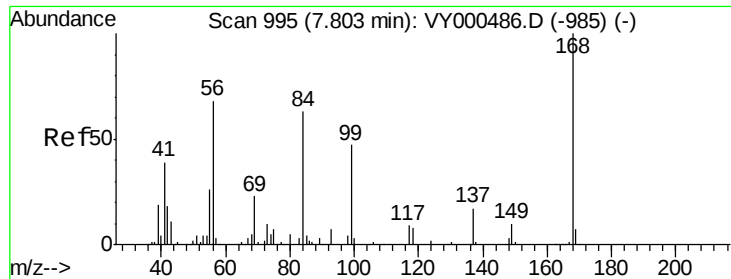
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000555.D

Acq: 06 Nov 2019 16:39

Instrument :

MSVOA_Y

ClientSampleId :

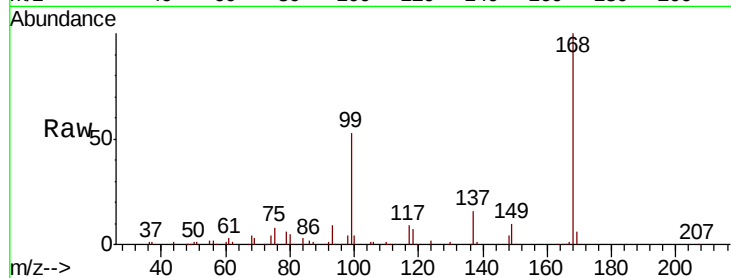
VC-TP

Tot Ion:168 Resp: 195622

Ion Ratio Lower Upper

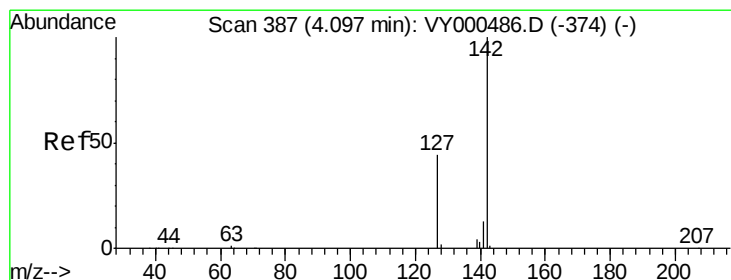
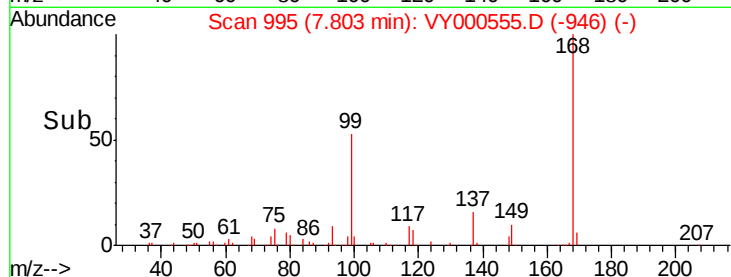
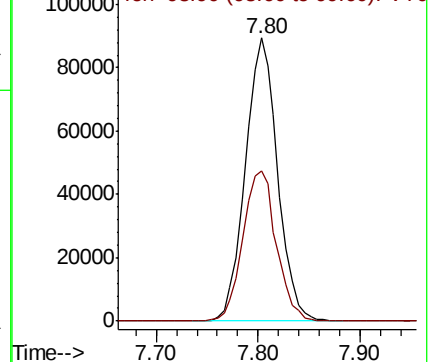
168 100

99 53.3 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0



#10

Methyl Iodide

Concen: 3.217 ug/l

RT: 4.10 min Scan# 388

Delta R.T. 0.01 min

Lab File: VY000555.D

Acq: 06 Nov 2019 16:39

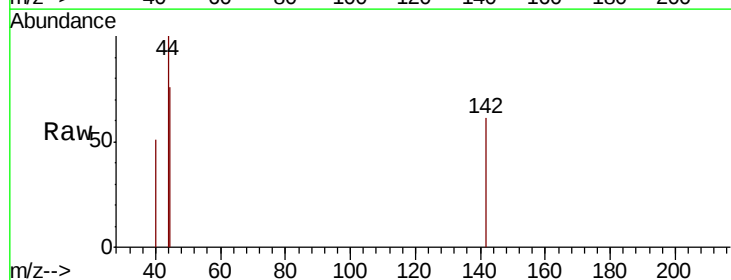
Tgt Ion:142 Resp: 49

Ion Ratio Lower Upper

142 100

127 0.0 33.7 50.5#

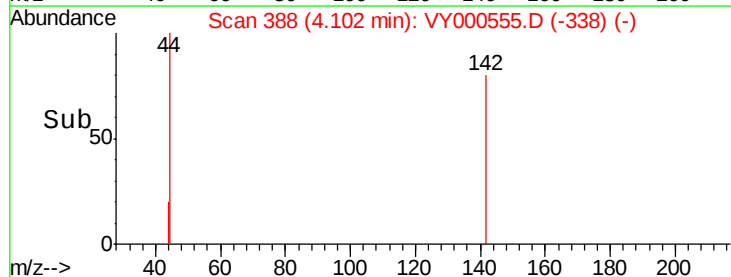
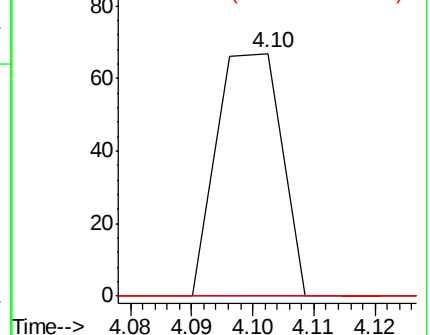
141 0.0 10.9 16.3#

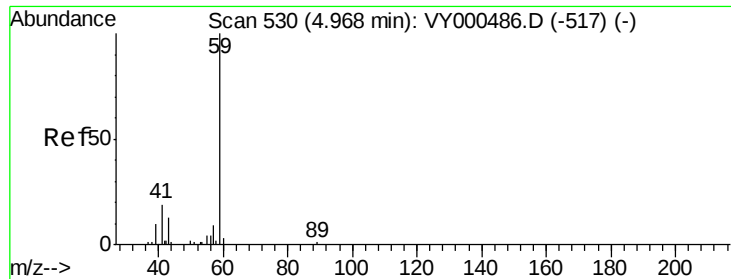


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

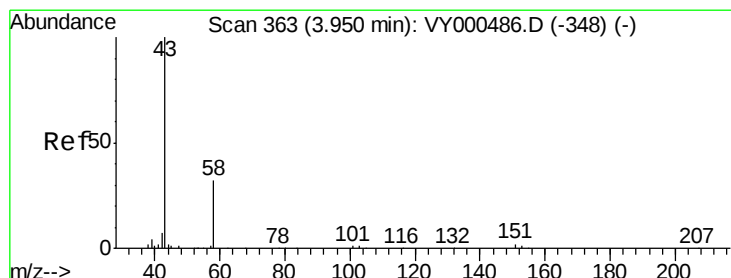
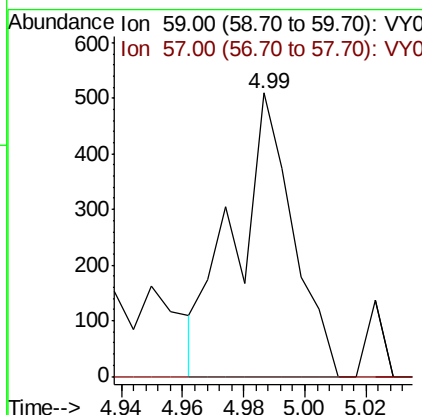
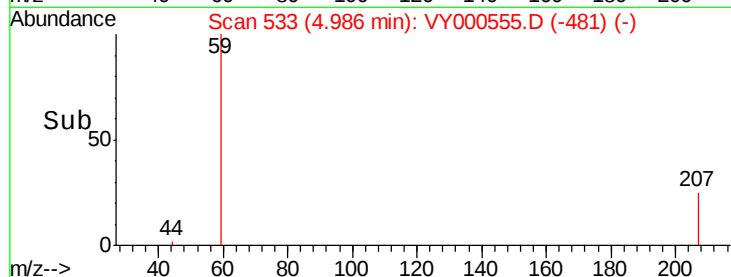
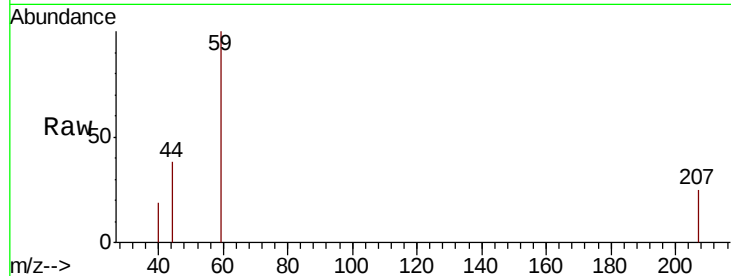




#11
Tert butyl alcohol
Concen: 3.395 ug/l
RT: 4.99 min Scan# 533
Delta R.T. 0.02 min
Lab File: VY000555.D
Acq: 06 Nov 2019 16:39

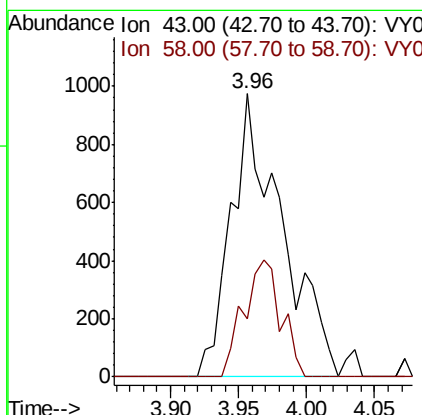
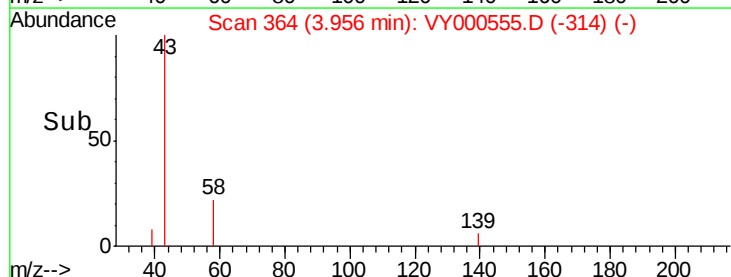
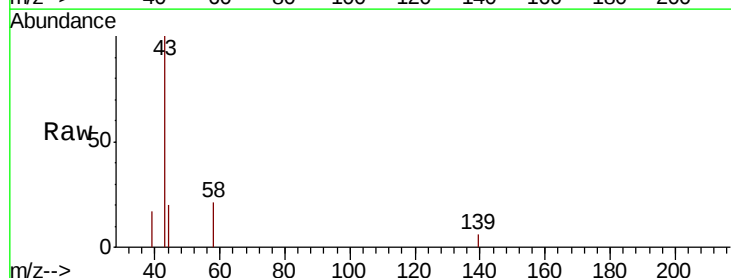
Instrument :
MSVOA_Y
ClientSampleId :
VC-TP

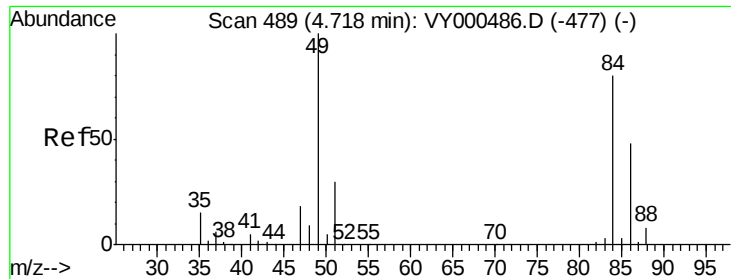
Tot Ion: 59 Resp: 669
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 4.572 ug/l
RT: 3.96 min Scan# 364
Delta R.T. 0.01 min
Lab File: VY000555.D
Acq: 06 Nov 2019 16:39

Tgt Ion: 43 Resp: 2551
Ion Ratio Lower Upper
43 100
58 20.7 25.8 38.6#

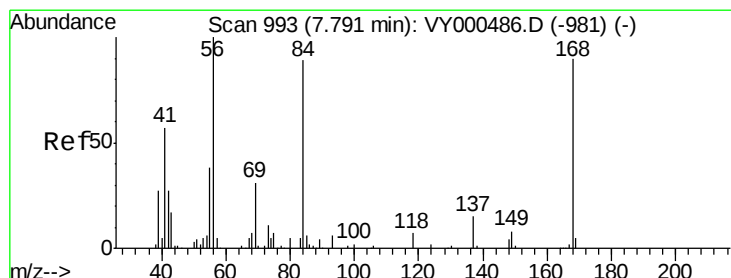
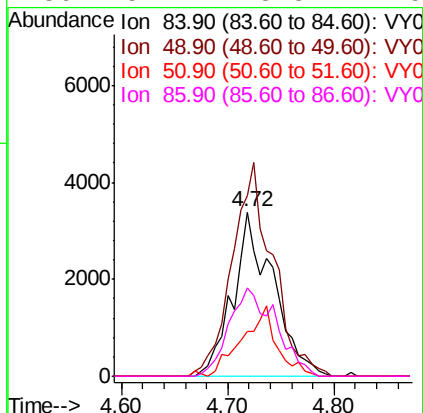
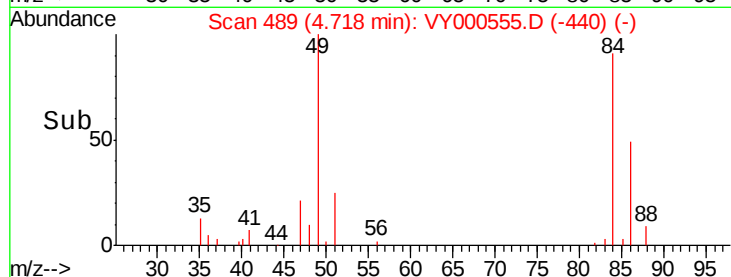
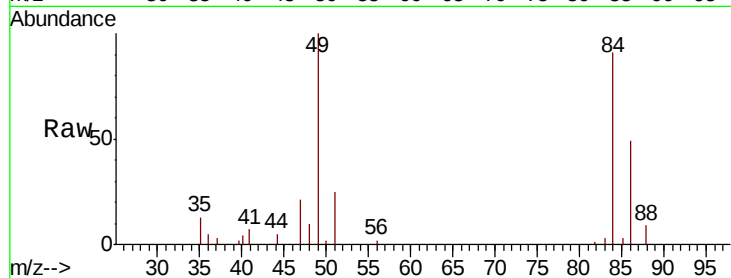




#20
Methvlene Chloride
Concen: 3.736 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.00 min
Lab File: VY000555.D
Acq: 06 Nov 2019 16:39

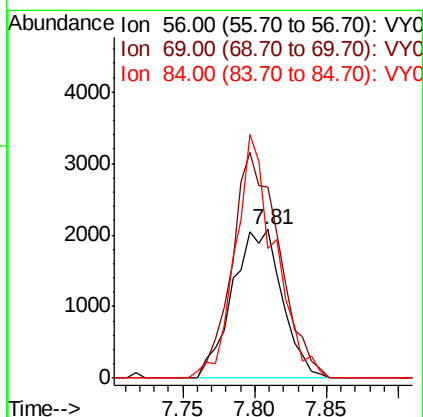
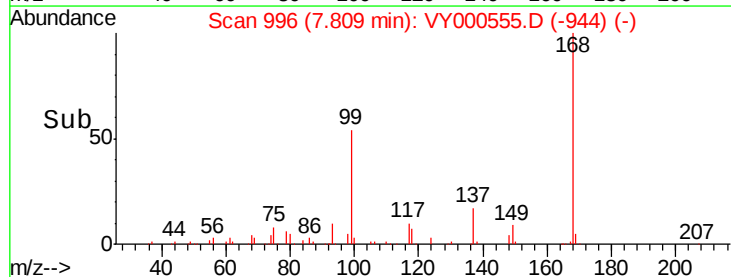
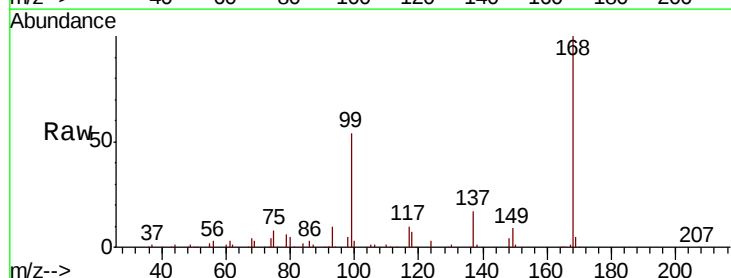
Instrument :
MSVOA_Y
ClientSampleId :
VC-TP

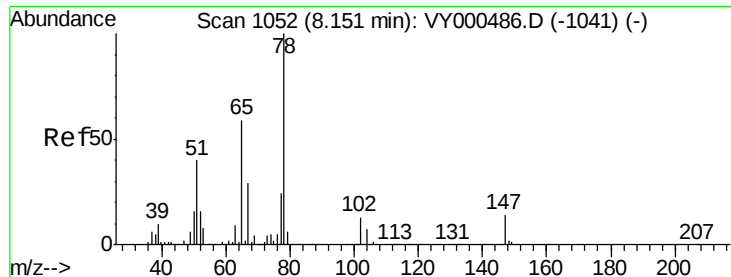
Tot Ion: 84 Resp: 8932
Ion Ratio Lower Upper
84 100
49 109.9 100.2 150.4
51 27.2 29.6 44.4#
86 54.1 48.3 72.5



#31
Cyclohexane
Concen: 1.273 ug/l
RT: 7.81 min Scan# 996
Delta R.T. 0.02 min
Lab File: VY000555.D
Acq: 06 Nov 2019 16:39

Tgt Ion: 56 Resp: 4988
Ion Ratio Lower Upper
56 100
69 128.5 25.0 37.6#
84 87.0 71.4 107.2

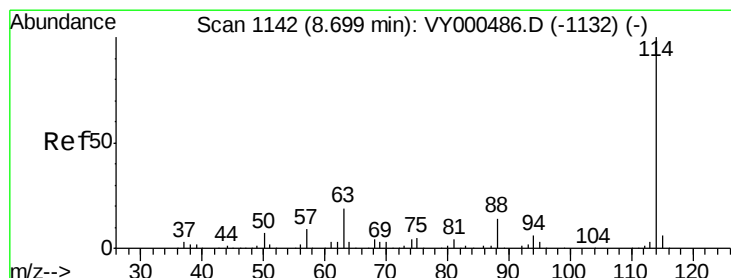
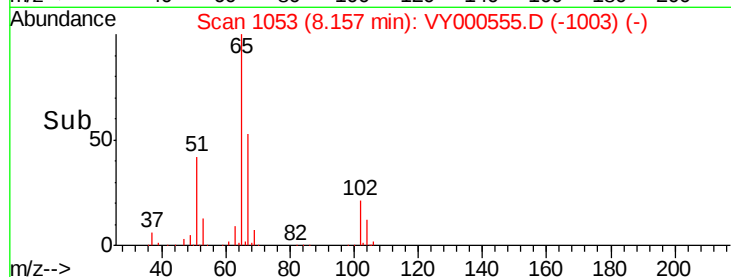
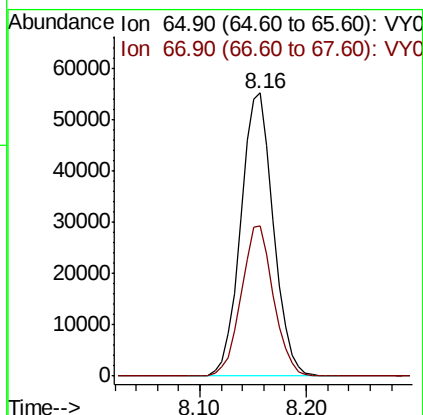
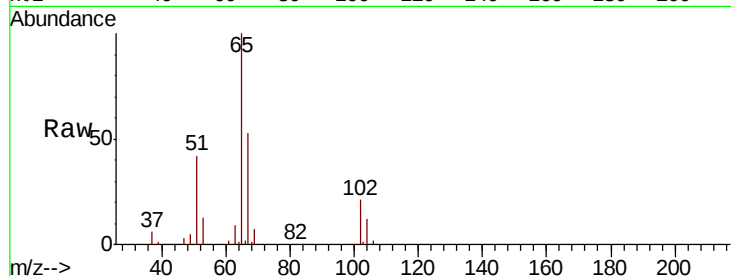




#33
 1,2-Dichloroethane-d4
 Concen: 58.755 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: VY000555.D
 Acq: 06 Nov 2019 16:39

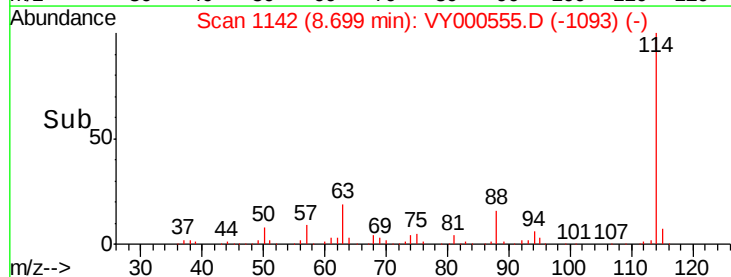
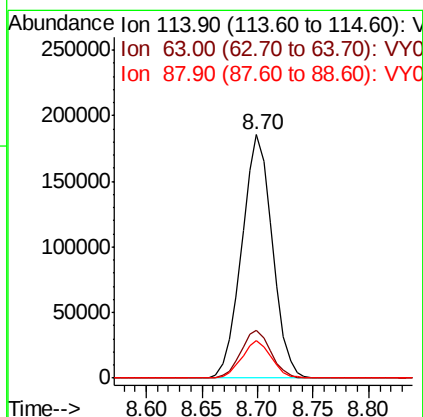
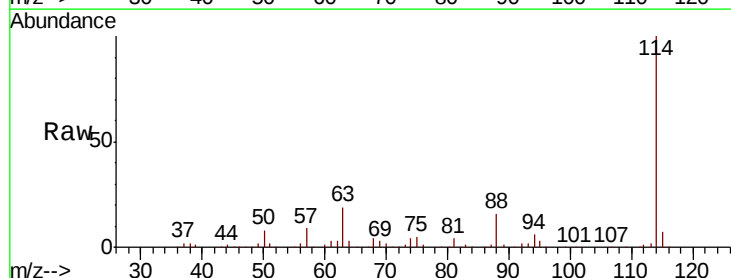
Instrument :
 MSVOA_Y
 ClientSampleId :
 VC-TP

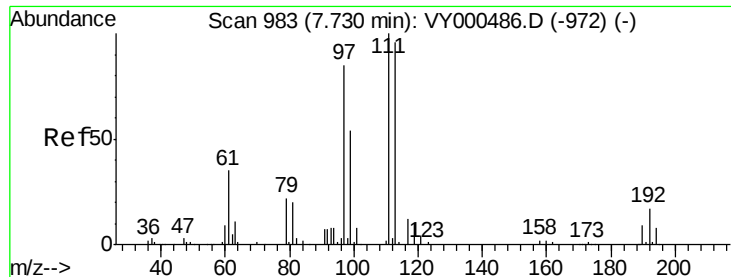
Tot Ion: 65 Resp: 118946
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000555.D
 Acq: 06 Nov 2019 16:39

Tgt Ion: 114 Resp: 354212
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.0
 88 15.6 0.0 28.6

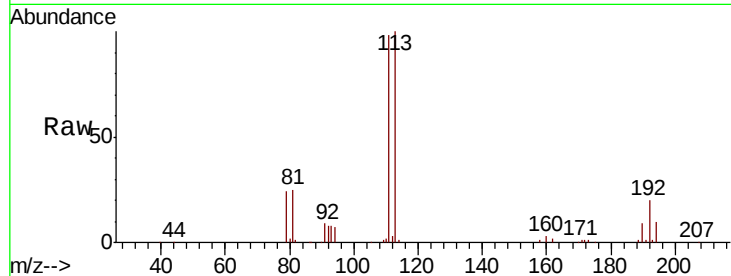




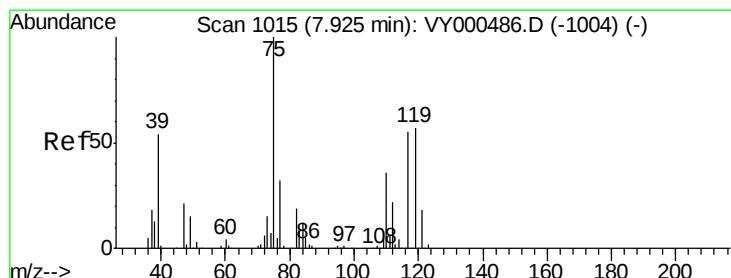
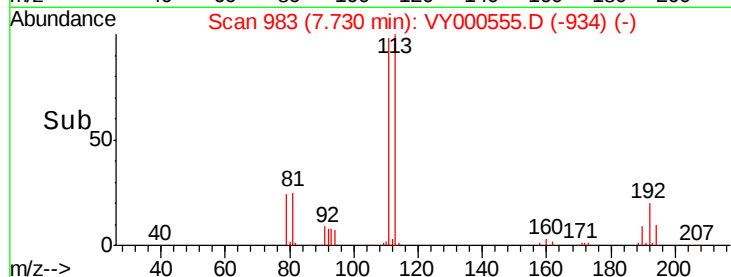
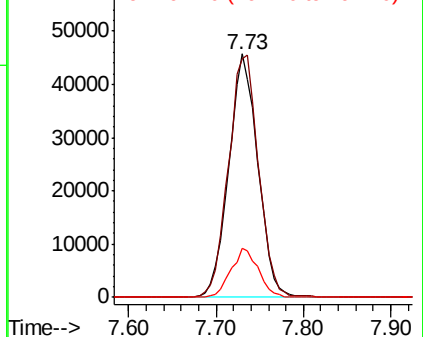
#35
 Dibromofluoromethane
 Concen: 50.660 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000555.D
 Acq: 06 Nov 2019 16:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VC-TP

Tot Ion:113 Resp: 105346
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.7 122.5
 192 19.1 15.0 22.4

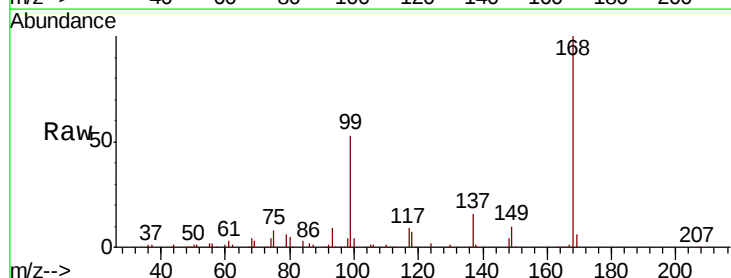


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

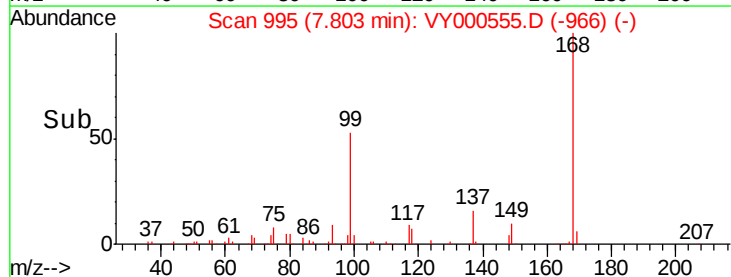
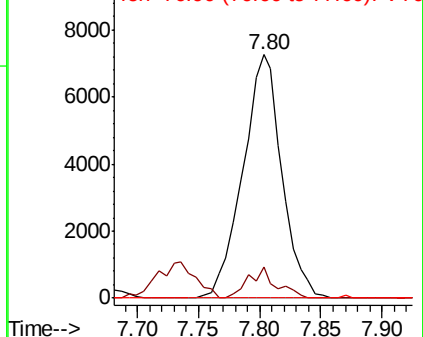


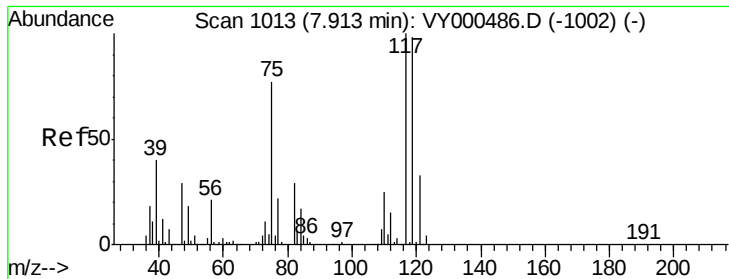
#36
 1,1-Dichloropropene
 Concen: 4.802 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.12 min
 Lab File: VY000555.D
 Acq: 06 Nov 2019 16:39

Tgt Ion: 75 Resp: 16079
 Ion Ratio Lower Upper
 75 100
 110 9.0 18.1 54.1#
 77 0.0 25.0 37.6#



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

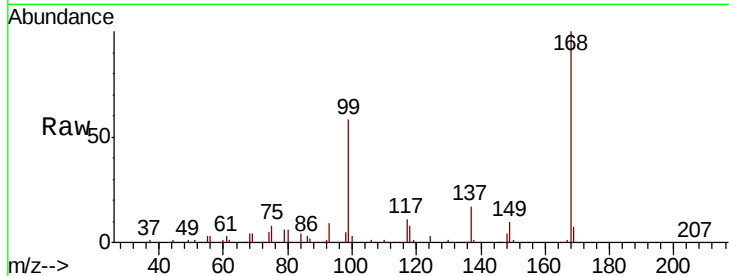




#38
Carbon Tetrachloride
Concen: 5.977 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.12 min
Lab File: VY000555.D
Acq: 06 Nov 2019 16:39

Instrument :
MSVOA_Y
ClientSampleId :
VC-TP

Tot Ion	Ratio	Lower	Upper
117	100		
119	5.8	78.0	117.0#
121	0.0	26.6	40.0#

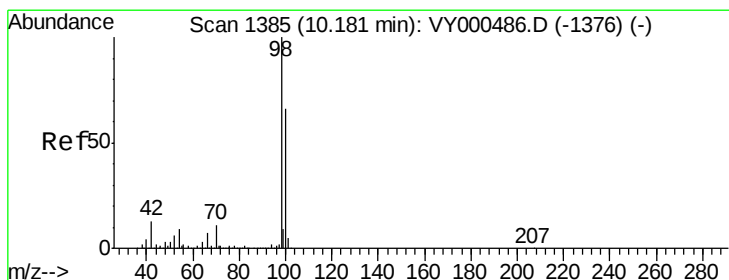
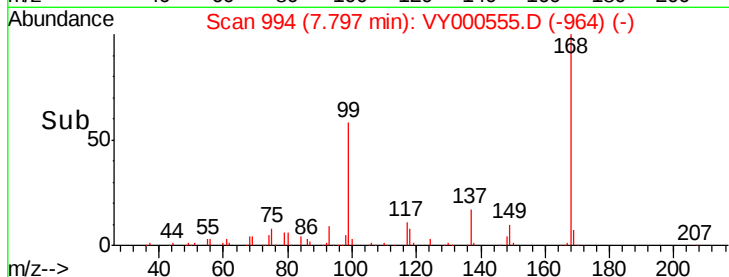
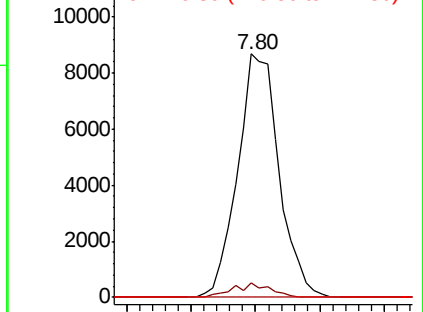


Abundance

Ion 116.80 (116.50 to 117.50): V

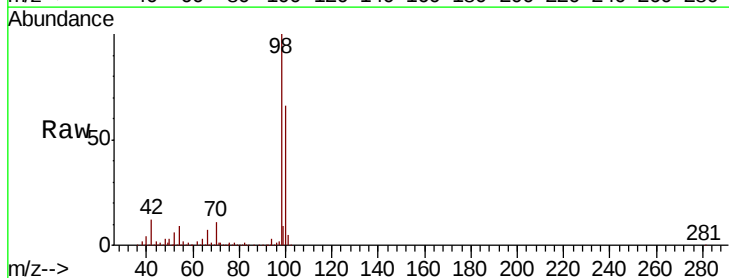
Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50
Toluene-d8
Concen: 51.941 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000555.D
Acq: 06 Nov 2019 16:39

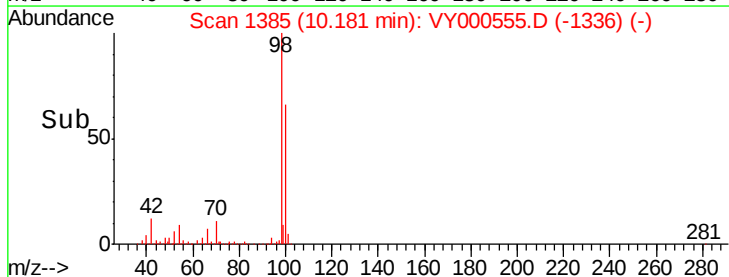
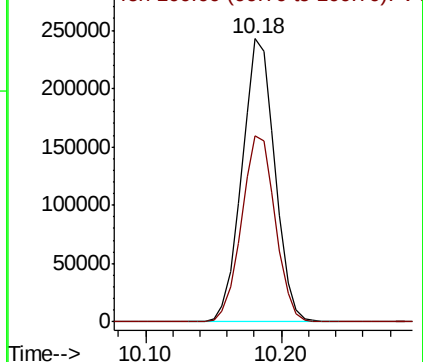
Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.4	52.9	79.3

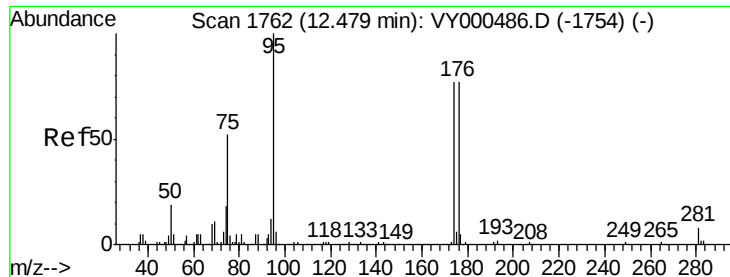


Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 48.130 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000555.D

Acq: 06 Nov 2019 16:39

Instrument :

MSVOA_Y

ClientSampleId :

VC-TP

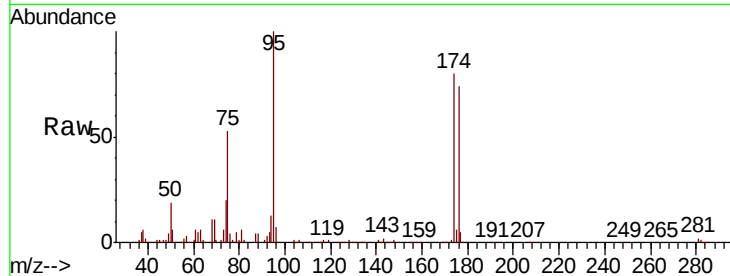
Tot Ion: 95 Resp: 144575

Ion Ratio Lower Upper

95 100

174 82.1 0.0 161.6

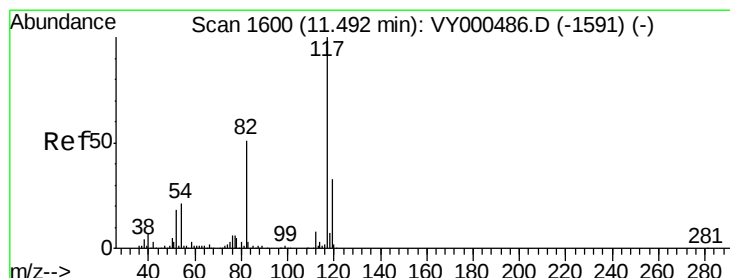
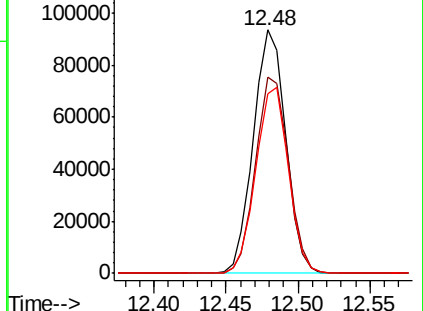
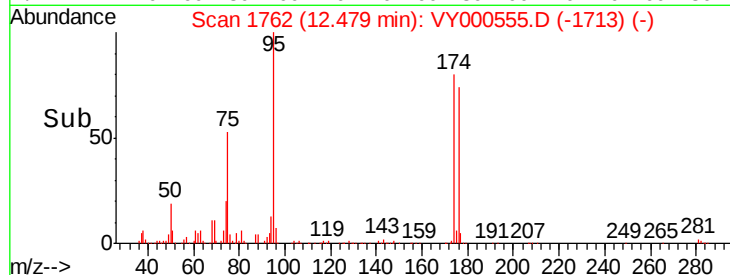
176 77.2 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VY000555.D (-1713) (-)

Ion 173.80 (173.50 to 174.50): VY000555.D (-1713) (-)

Ion 175.80 (175.50 to 176.50): VY000555.D (-1713) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY000555.D

Acq: 06 Nov 2019 16:39

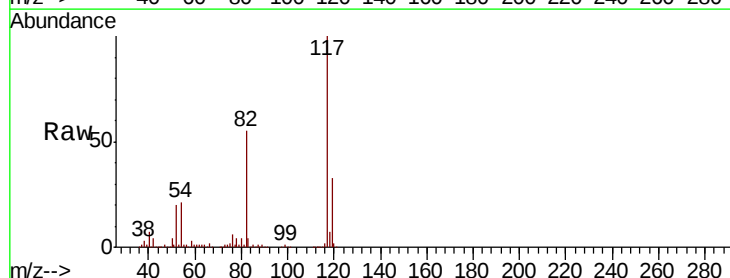
Tgt Ion: 117 Resp: 322024

Ion Ratio Lower Upper

117 100

82 55.5 40.8 61.2

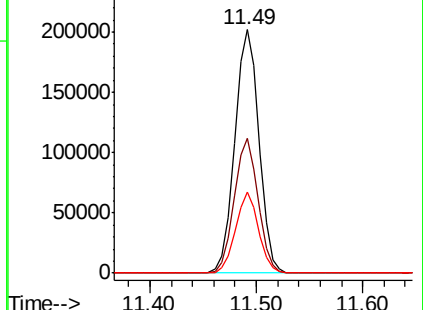
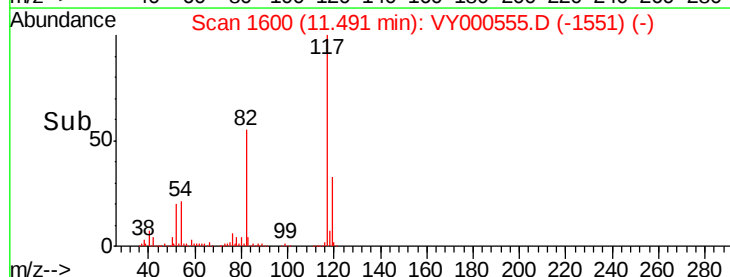
119 33.4 26.2 39.2

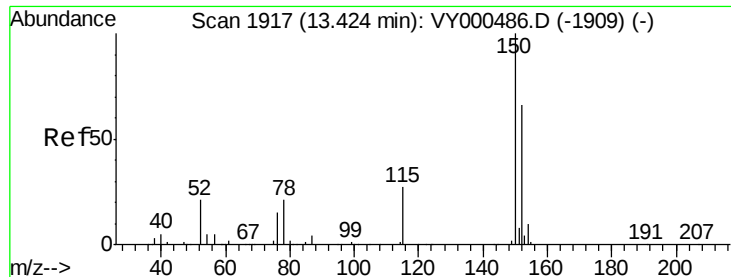


Abundance Ion 116.90 (116.60 to 117.60): VY000555.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY000555.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY000555.D (-1551) (-)



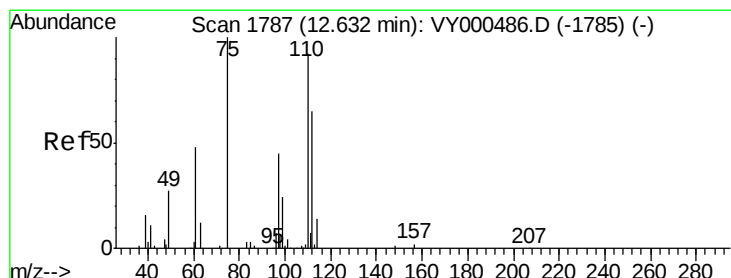
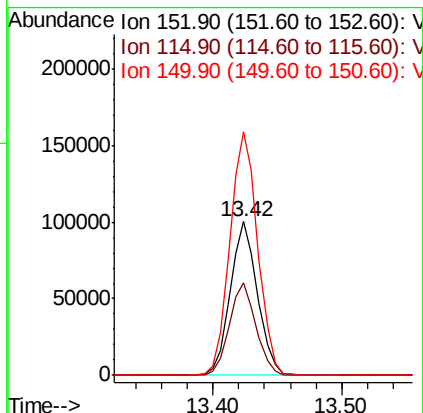
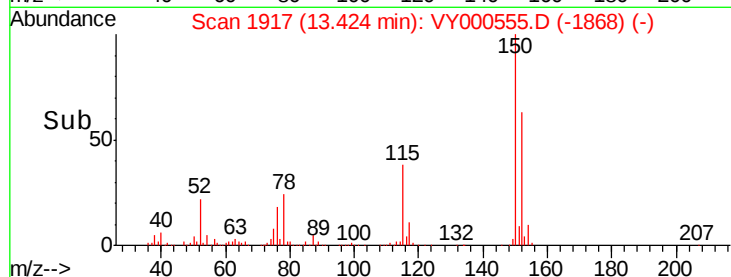
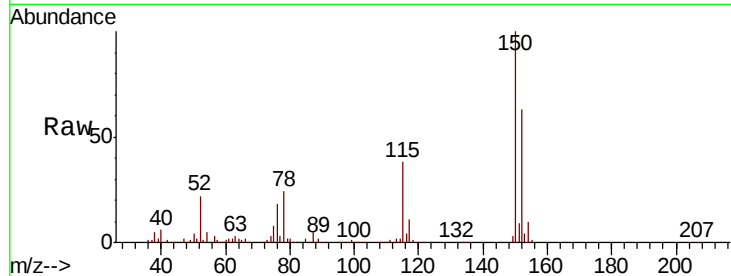


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000555.D
Acq: 06 Nov 2019 16:39

Instrument :
MSVOA_Y
ClientSampleId :
VC-TP

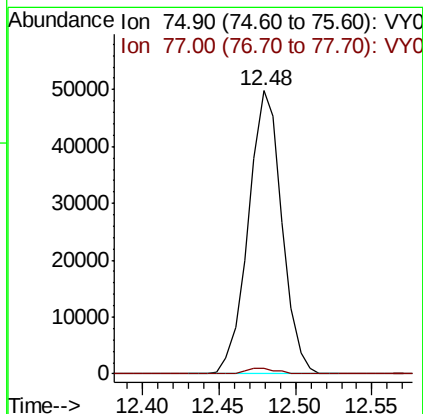
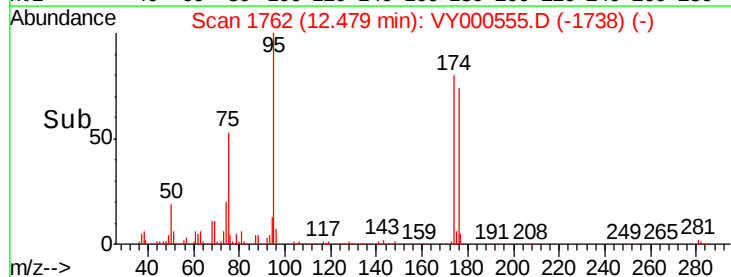
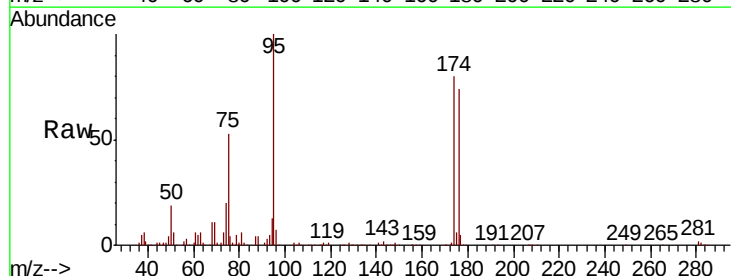
Tot Ion:152 Resp: 147347
Ion Ratio Lower Upper
152 100
115 59.2 29.1 87.4
150 161.6 0.0 348.8

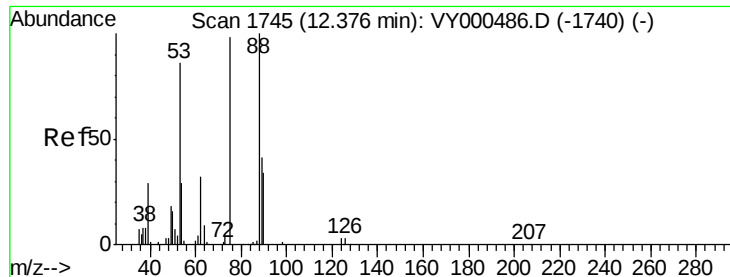


#76

1,2,3-Trichloropropane
Concen: 45.192 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY000555.D
Acq: 06 Nov 2019 16:39

Tgt Ion: 75 Resp: 75820
Ion Ratio Lower Upper
75 100
77 2.0 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 101.326 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000555.D

Acq: 06 Nov 2019 16:39

Instrument :

MSVOA_Y

ClientSampleId :

VC-TP

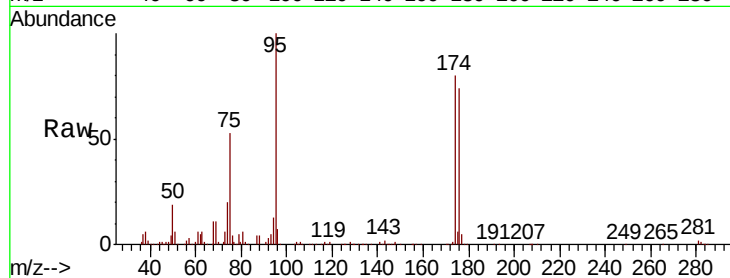
Tot Ion: 75 Resp: 75820

Ion Ratio Lower Upper

75 100

53 0.0 73.2 109.8#

89 0.0 35.9 53.9#



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

