

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040320\
 Data File : VY002218.D
 Acq On : 03 Apr 2020 15:11
 Operator : SY/MD
 Sample : L2162-01
 Misc : 7.43G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-54-53

Quant Time: Apr 04 00:18:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

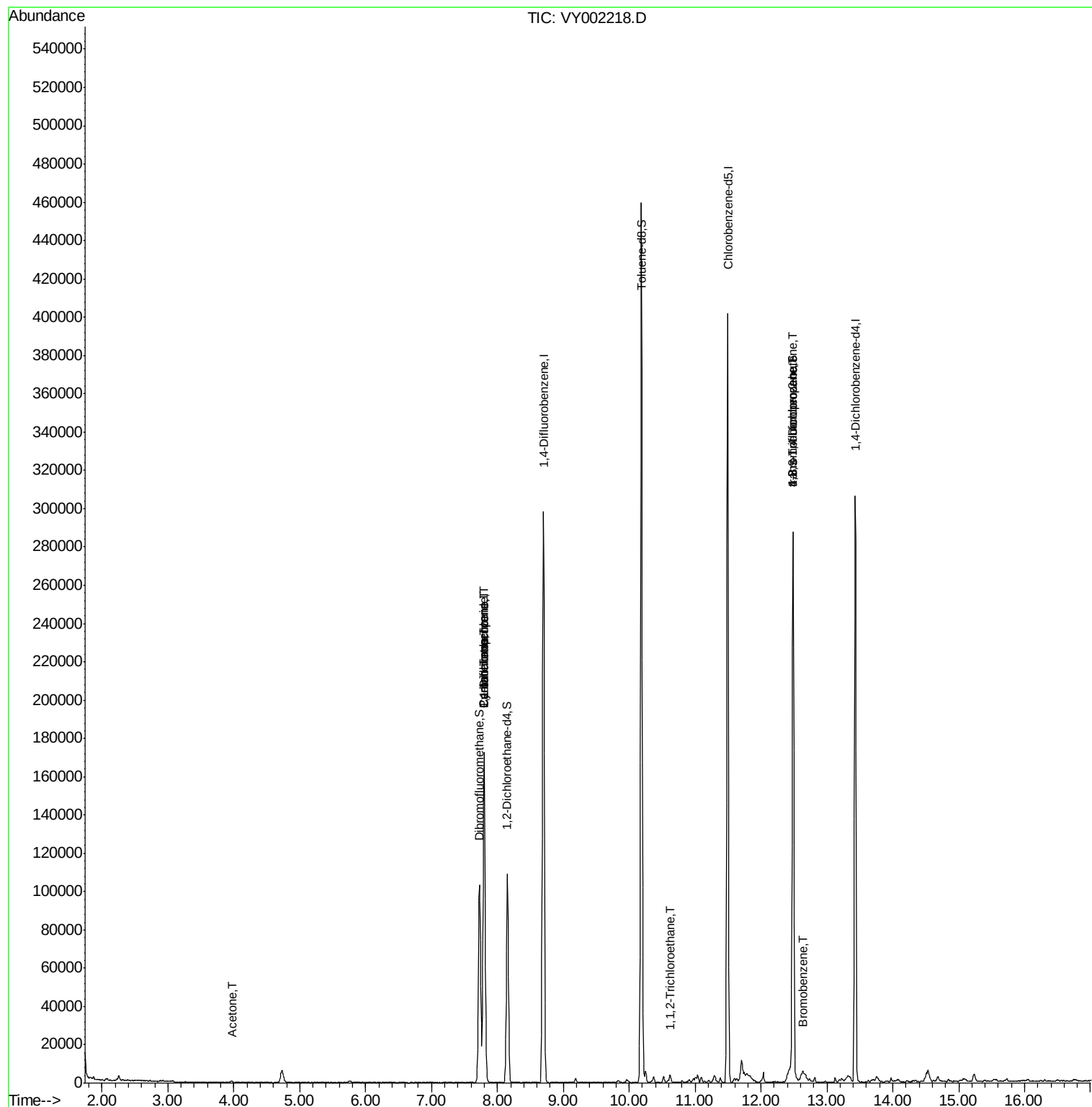
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	126512	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	254366	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	219103	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	75073	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	80559	57.60	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	115.20%	
35) Dibromofluoromethane	7.73	113	74854	52.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.04%	
50) Toluene-d8	10.19	98	303674	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	
62) 4-Bromofluorobenzene	12.48	95	92483	44.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.32%	
Target Compounds						
					Qvalue	
16) Acetone	3.96	43	764	1.944	ug/l #	84
20) Methylene Chloride	4.74	84	4936	Below Cal	#	84
31) Cyclohexane	7.80	56	3067	1.053	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	11512	4.785	ug/l #	49
38) Carbon Tetrachloride	7.80	117	13311	6.521	ug/l #	19
55) 1,1,2-Trichloroethane	10.62	97	1583	1.148	ug/l #	20
76) 1,2,3-Trichloropropane	12.48	75	47394	56.437	ug/l #	100
77) Bromobenzene	12.63	156	3661	3.080	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.48	75	47394	109.339	ug/l #	17

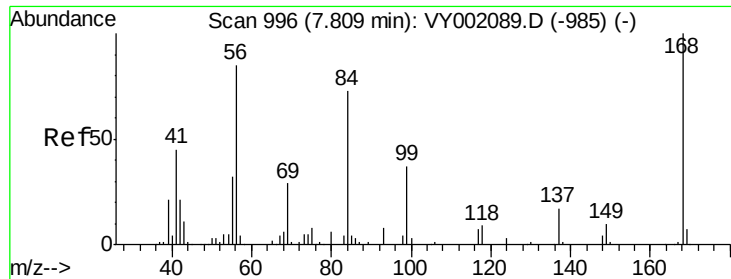
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002218.D

Acq: 03 Apr 2020 15:11

Instrument :

MSVOA_Y

ClientSampled :

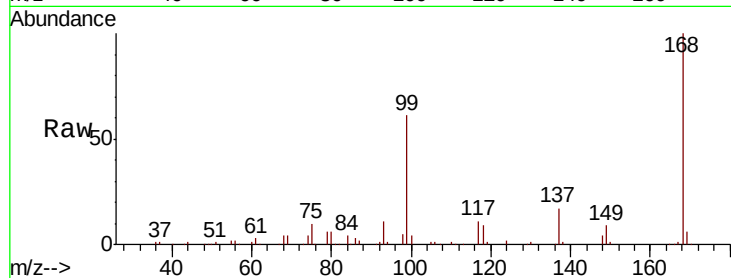
TP-54-53

Tot Ion:168 Resp: 126512

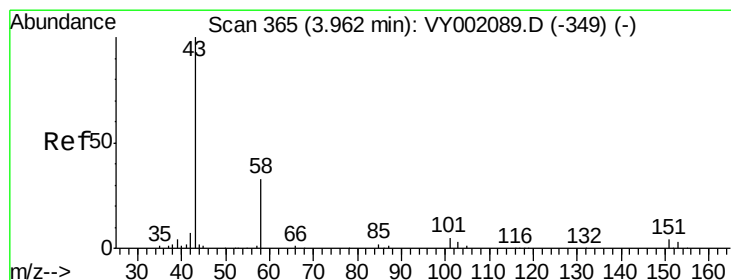
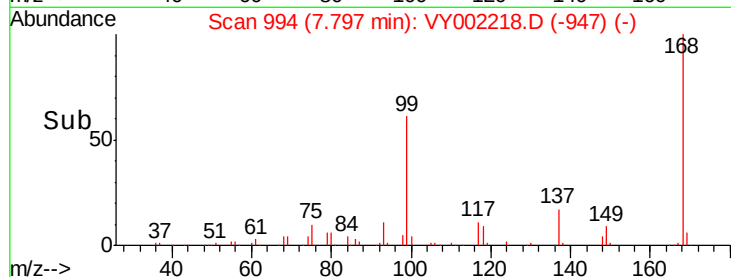
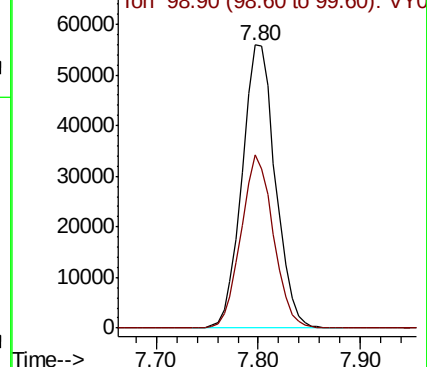
Ion Ratio Lower Upper

168 100

99 61.3 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002218.D (-947) (-)



#16

Acetone

Concen: 1.944 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.00 min

Lab File: VY002218.D

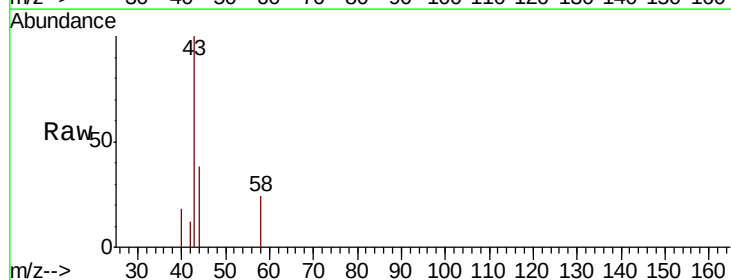
Acq: 03 Apr 2020 15:11

Tgt Ion: 43 Resp: 764

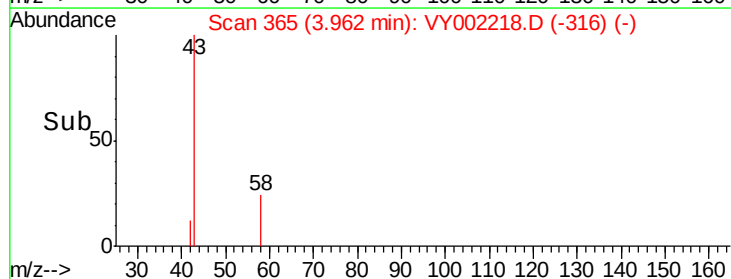
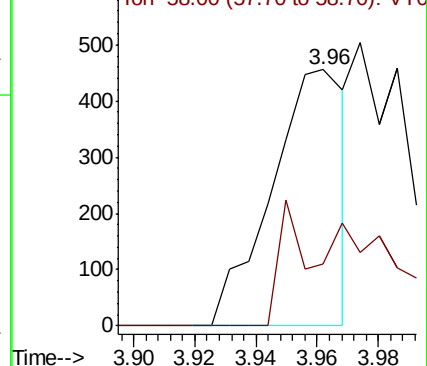
Ion Ratio Lower Upper

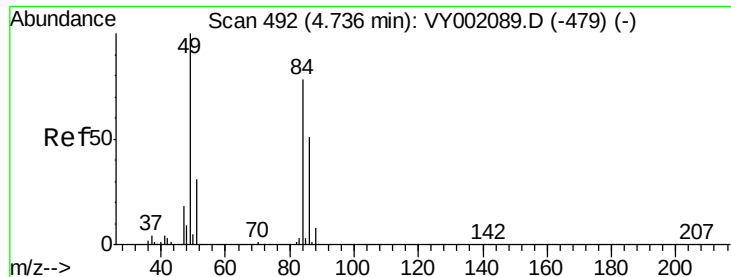
43 100

58 24.1 26.3 39.5#



Abundance Ion 43.00 (42.70 to 43.70): VY002218.D (-316) (-)

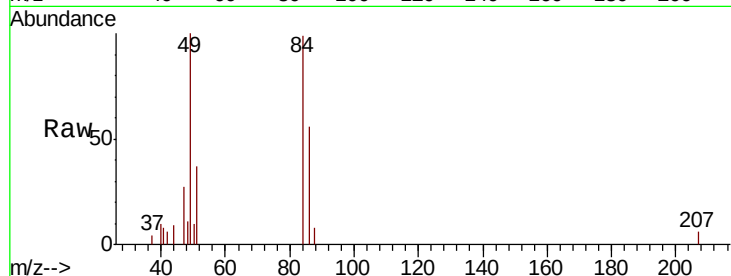




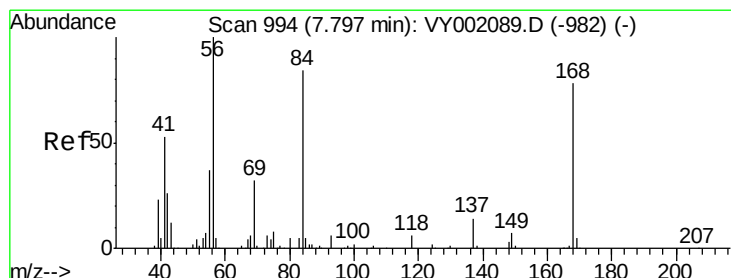
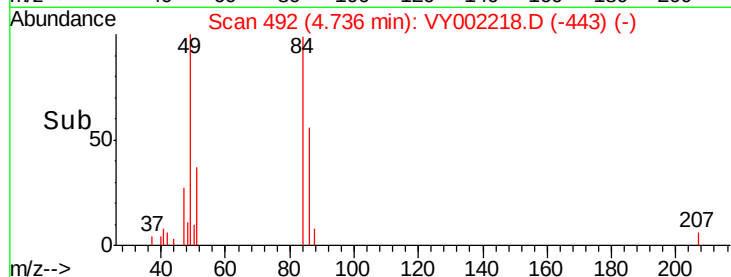
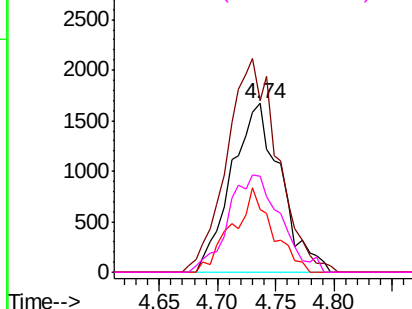
#20
Methylene Chloride
Concen: Below Cal
RT: 4.74 min Scan# 492
Delta R.T. 0.00 min
Lab File: VY002218.D
Acq: 03 Apr 2020 15:11

Instrument :
MSVOA_Y
ClientSampleId :
TP-54-53

Tot Ion: 84 Resp: 4936
Ion Ratio Lower Upper
84 100
49 101.3 102.2 153.4#
51 37.5 31.2 46.8
86 56.7 52.6 78.8

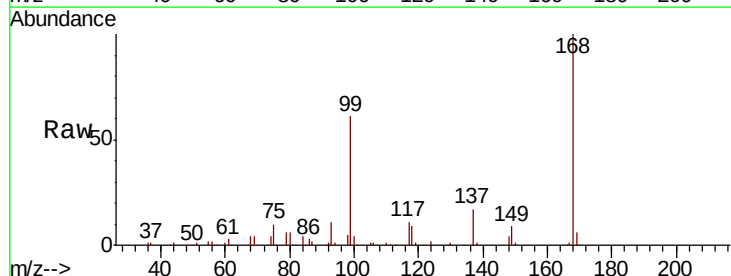


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

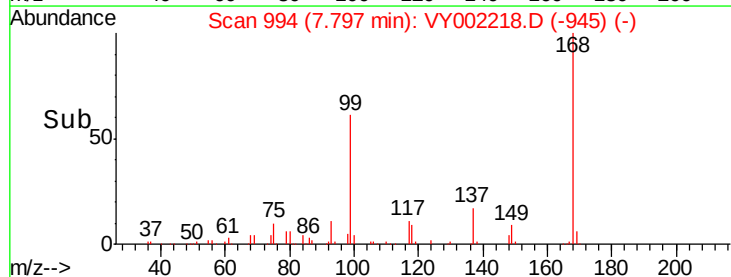
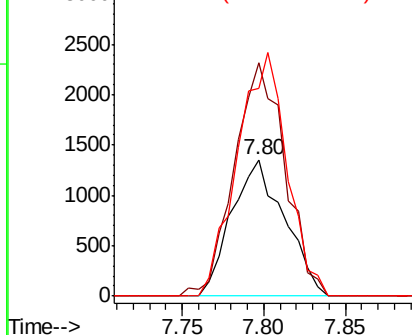


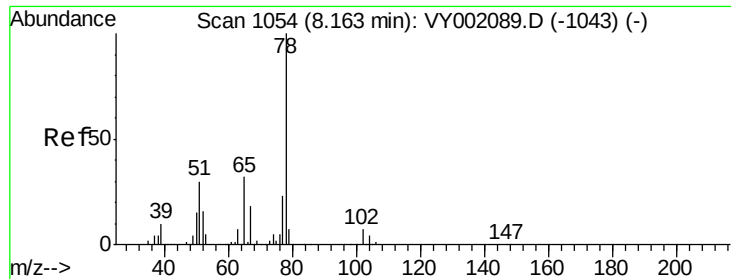
#31
Cyclohexane
Concen: 1.053 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.00 min
Lab File: VY002218.D
Acq: 03 Apr 2020 15:11

Tgt Ion: 56 Resp: 3067
Ion Ratio Lower Upper
56 100
69 170.4 25.8 38.8#
84 151.7 67.1 100.7#



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

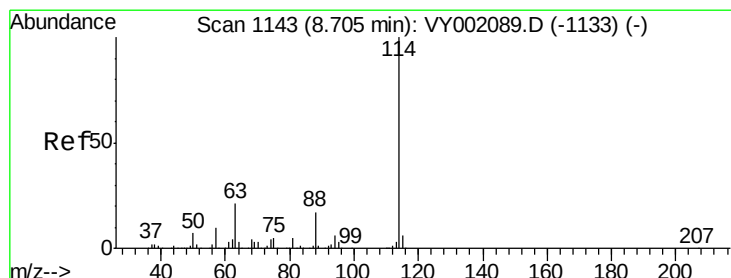
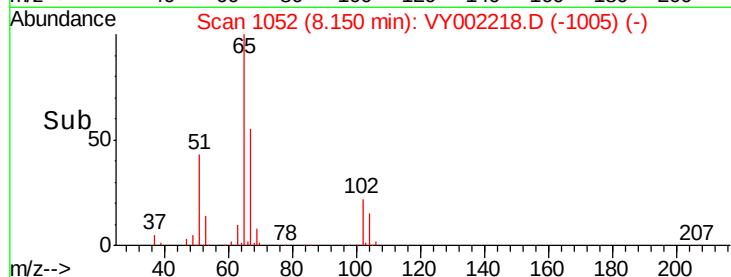
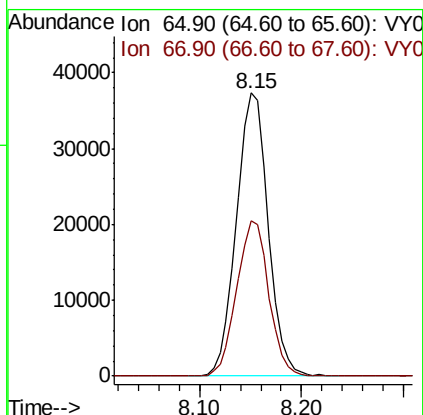
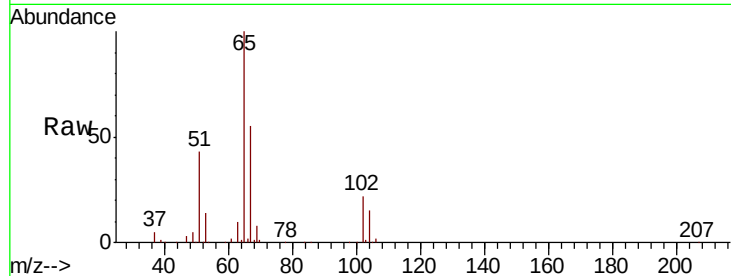




#33
 1,2-Dichloroethane-d4
 Concen: 57.602 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY002218.D
 Acq: 03 Apr 2020 15:11

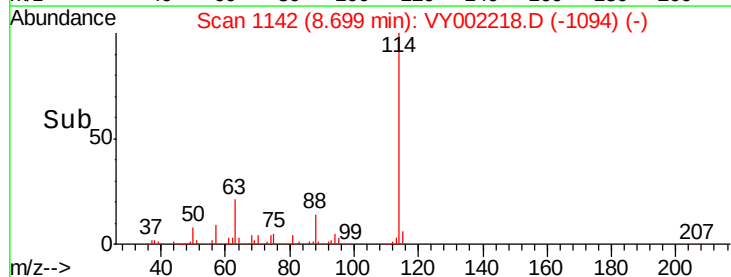
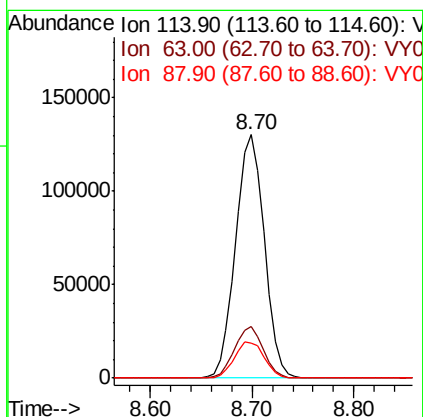
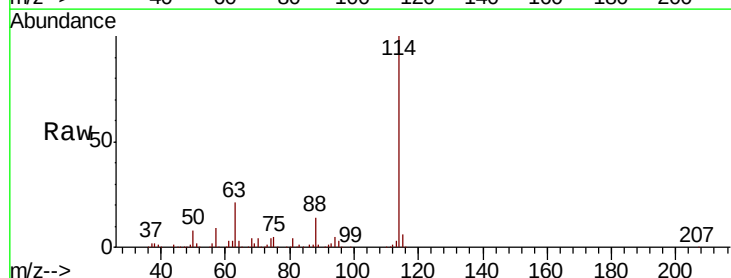
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-54-53

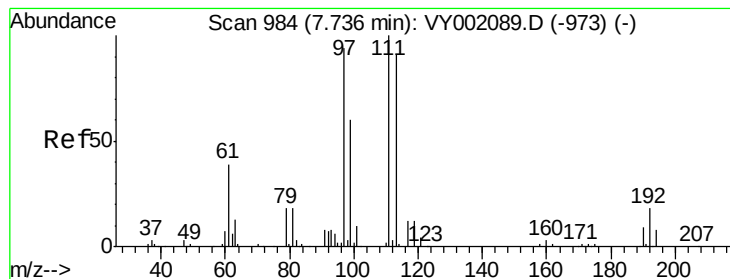
Tot Ion: 65 Resp: 80559
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002218.D
 Acq: 03 Apr 2020 15:11

Tgt Ion: 114 Resp: 254366
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 41.4
 88 14.2 0.0 33.0





#35

Dibromofluoromethane

Concen: 52.520 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002218.D

Acq: 03 Apr 2020 15:11

Instrument :

MSVOA_Y

ClientSampleId :

TP-54-53

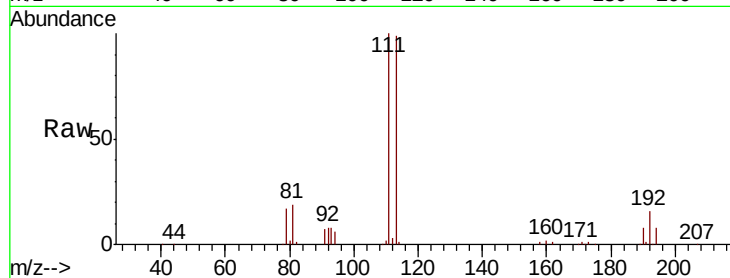
Tot Ion:113 Resp: 74854

Ion Ratio Lower Upper

113 100

111 104.1 84.4 126.6

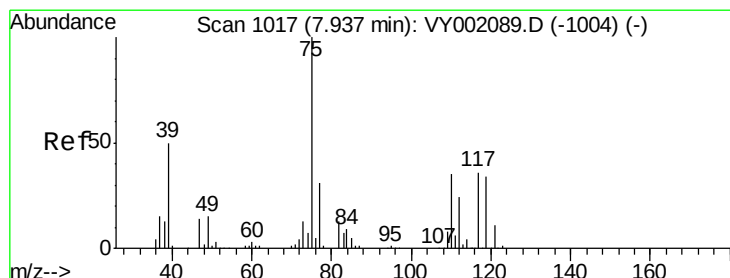
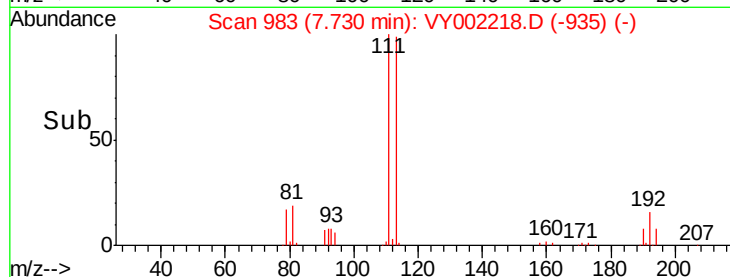
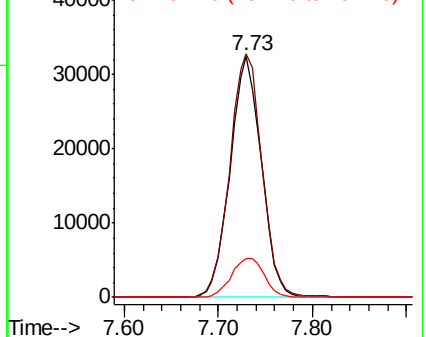
192 17.3 14.6 21.8



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: 4.785 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.14 min

Lab File: VY002218.D

Acq: 03 Apr 2020 15:11

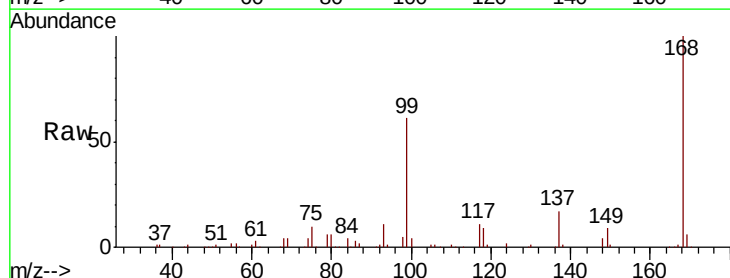
Tgt Ion: 75 Resp: 11512

Ion Ratio Lower Upper

75 100

110 8.3 17.2 51.6#

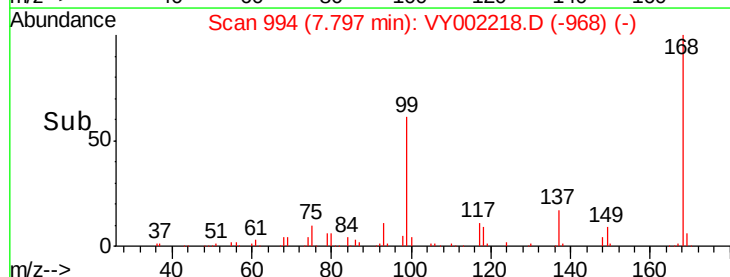
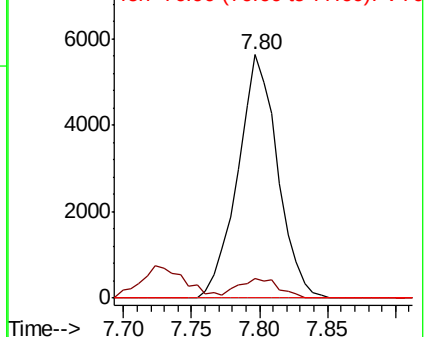
77 0.0 24.7 37.1#

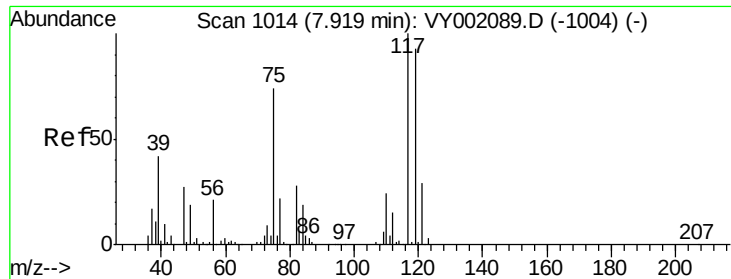


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

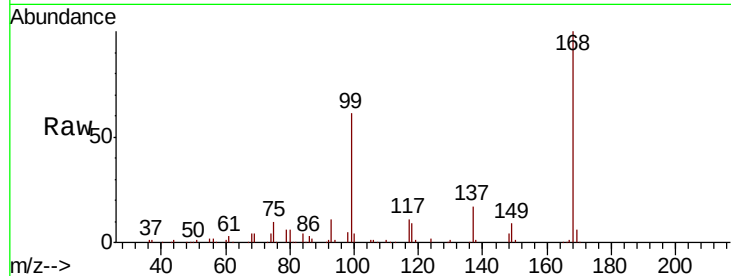




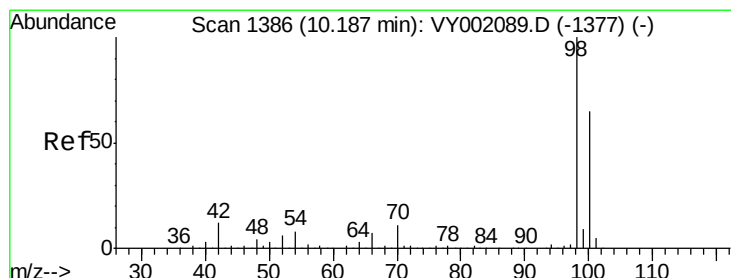
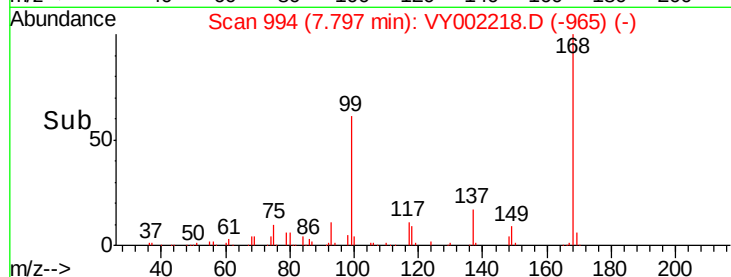
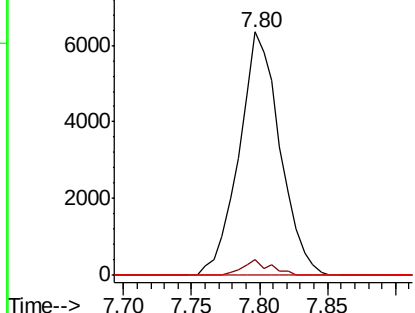
#38
Carbon Tetrachloride
Concen: 6.521 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.12 min
Lab File: VY002218.D
Acq: 03 Apr 2020 15:11

Instrument :
MSVOA_Y
ClientSampled :
TP-54-53

Tot Ion:117 Resp: 13311
Ion Ratio Lower Upper
117 100
119 6.6 74.3 111.5#
121 0.0 23.3 34.9#

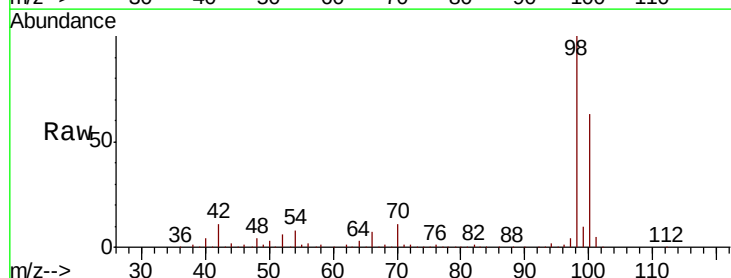


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

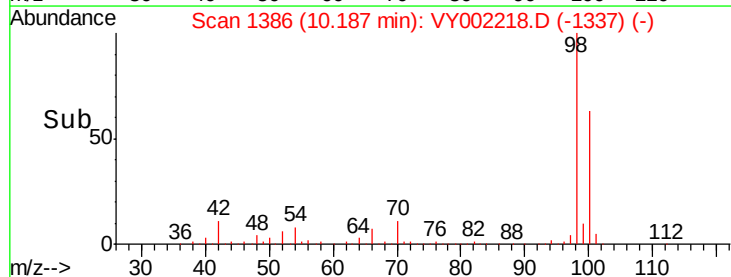
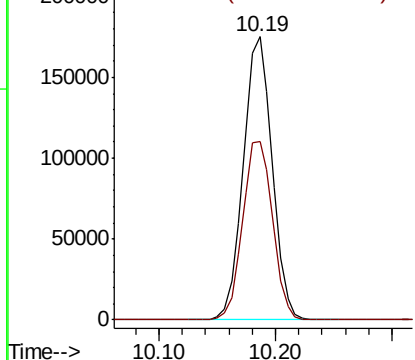


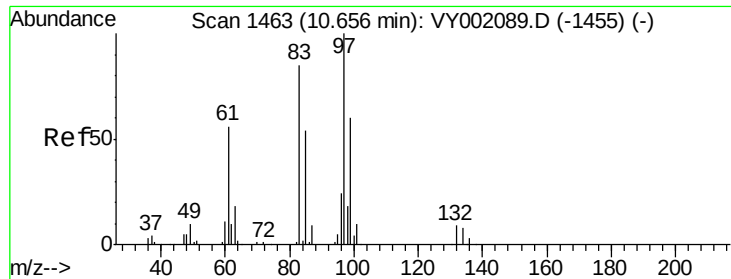
#50
Toluene-d8
Concen: 51.289 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY002218.D
Acq: 03 Apr 2020 15:11

Tgt Ion: 98 Resp: 303674
Ion Ratio Lower Upper
98 100
100 65.3 51.6 77.4



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





#55

1,1,2-Trichloroethane

Concen: 1.148 ug/l

RT: 10.62 min Scan# 1457

Delta R.T. -0.04 min

Lab File: VY002218.D

Acq: 03 Apr 2020 15:11

Instrument :

MSVOA_Y

ClientSampleId :

TP-54-53

Tot Ion: 97 Resp: 1583

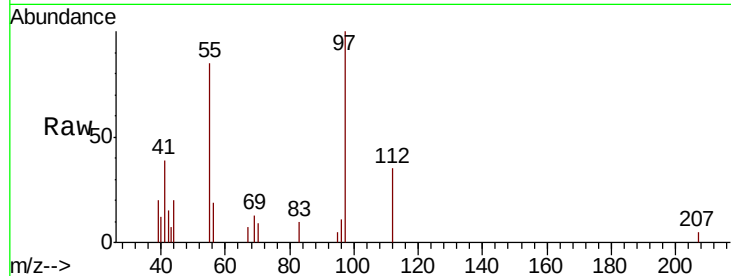
Ion Ratio Lower Upper

97 100

83 9.7 68.2 102.2#

85 0.0 42.9 64.3#

99 0.0 47.9 71.9#

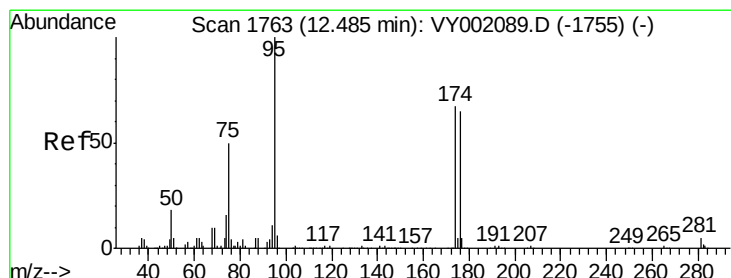
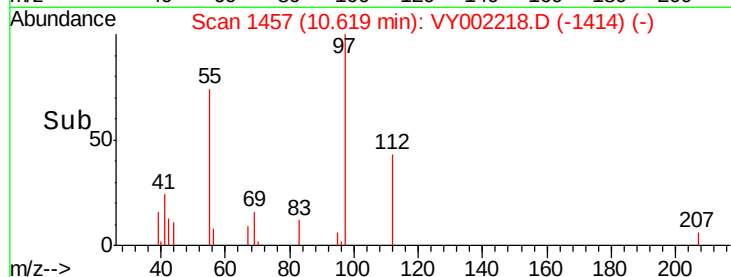
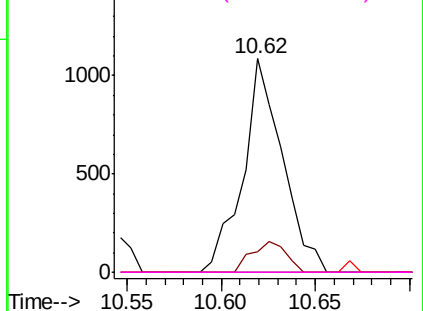


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#62

4-Bromofluorobenzene

Concen: 44.662 ug/l

RT: 12.48 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY002218.D

Acq: 03 Apr 2020 15:11

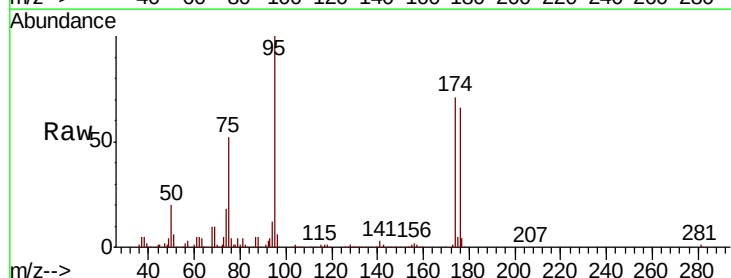
Tgt Ion: 95 Resp: 92483

Ion Ratio Lower Upper

95 100

174 71.8 0.0 143.4

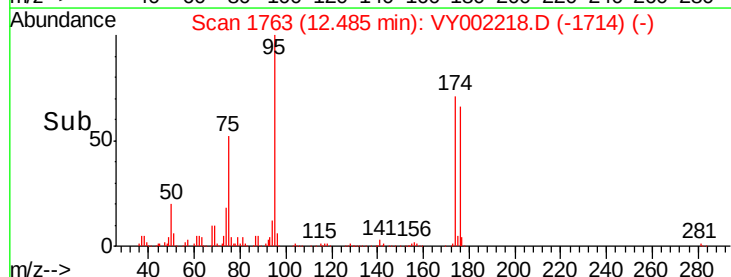
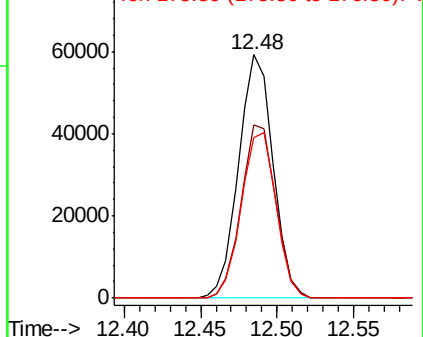
176 69.1 0.0 137.0

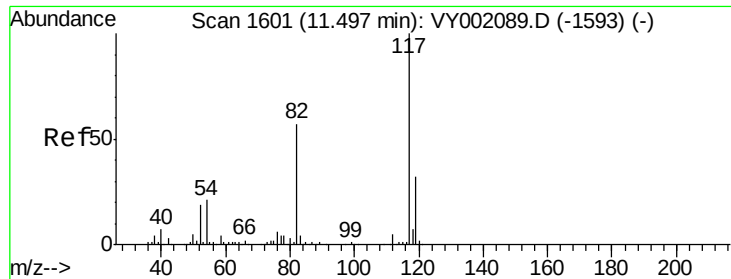


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

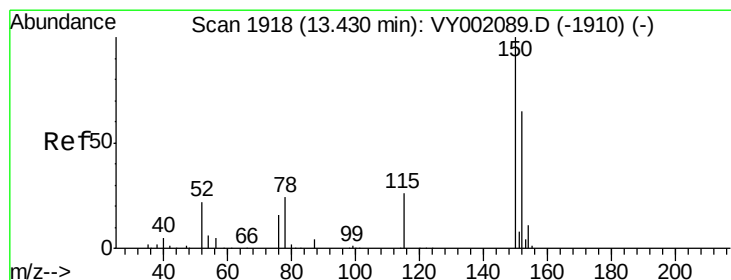
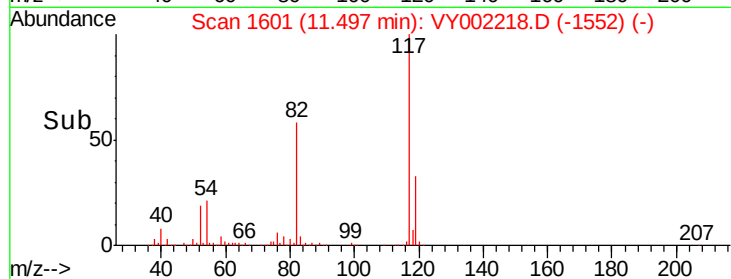
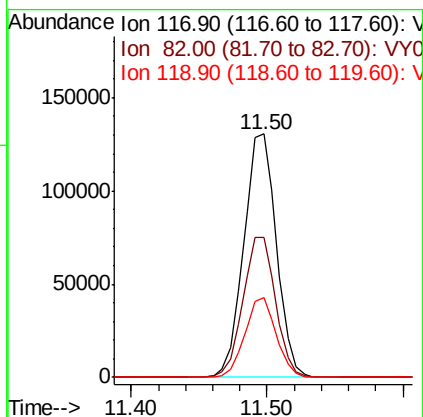
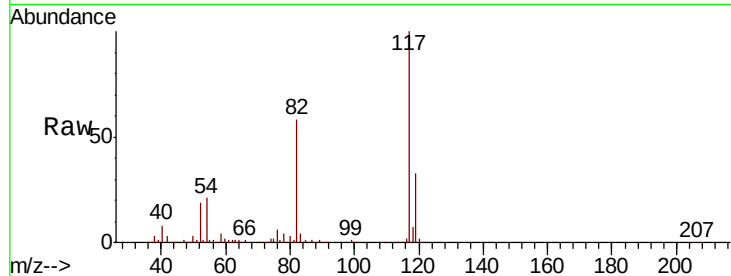




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002218.D
Acq: 03 Apr 2020 15:11

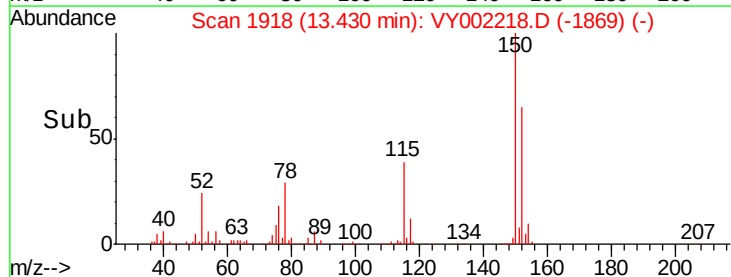
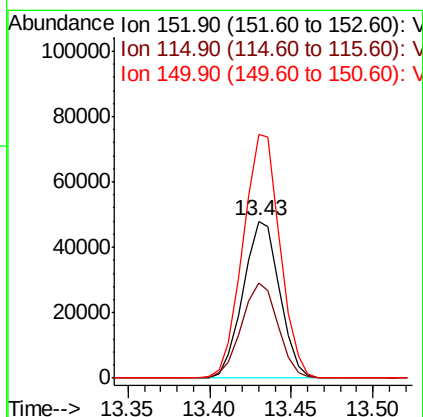
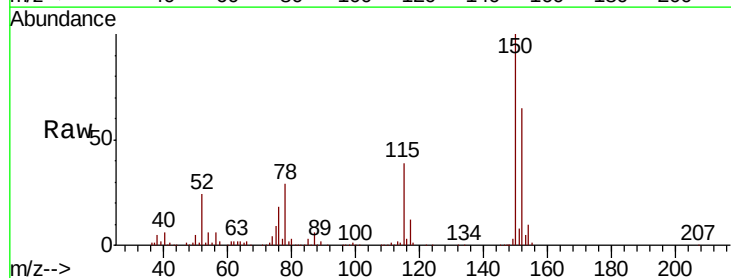
Instrument :
MSVOA_Y
ClientSampleId :
TP-54-53

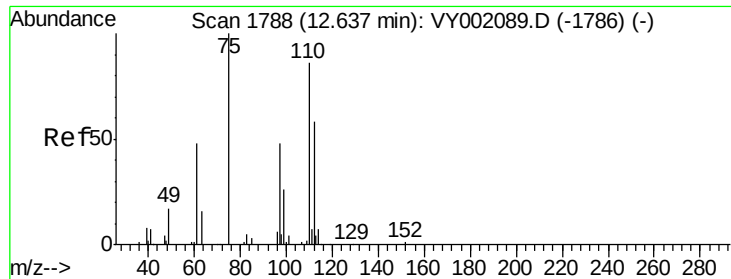
Tot Ion:117 Resp: 219103
Ion Ratio Lower Upper
117 100
82 57.7 45.4 68.2
119 32.9 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY002218.D
Acq: 03 Apr 2020 15:11

Tgt Ion:152 Resp: 75073
Ion Ratio Lower Upper
152 100
115 60.6 31.2 93.6
150 157.1 0.0 354.8

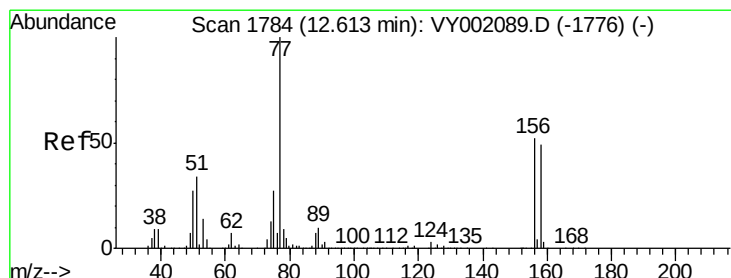
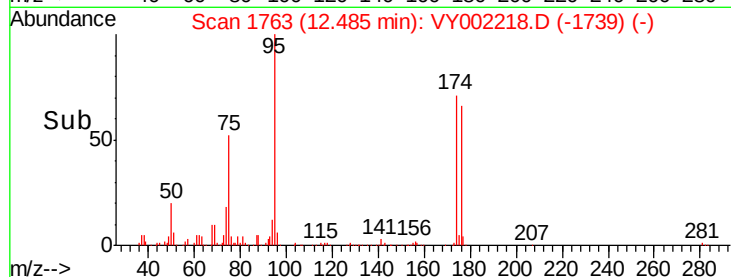
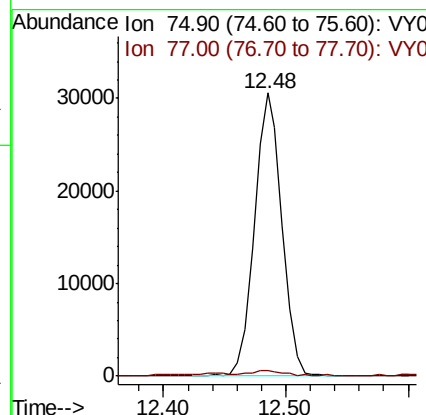
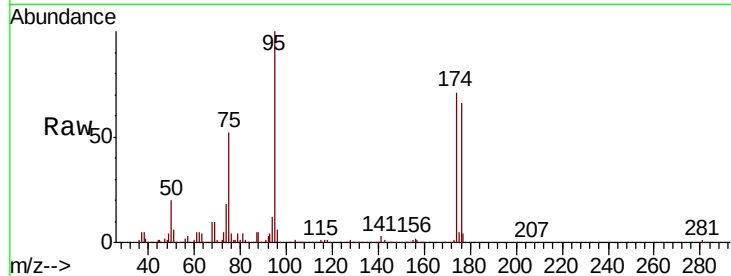




#76
 1,2,3-Trichloropropane
 Concen: 56.437 ug/l
 RT: 12.48 min Scan# 1763
 Delta R.T. -0.15 min
 Lab File: VY002218.D
 Acq: 03 Apr 2020 15:11

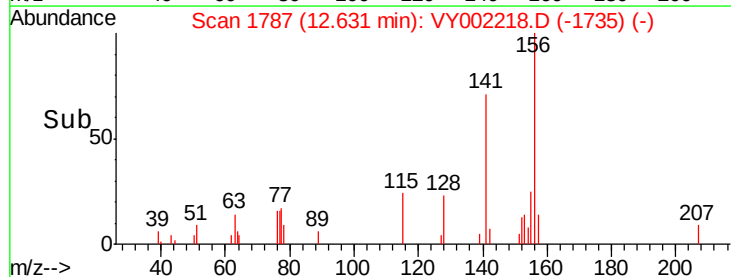
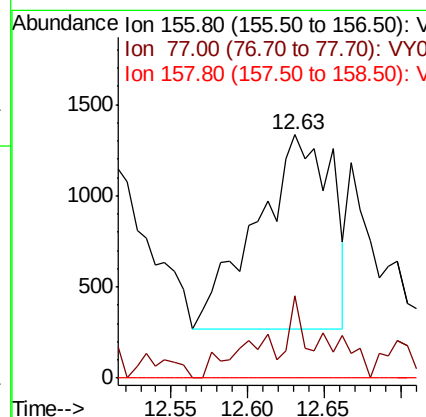
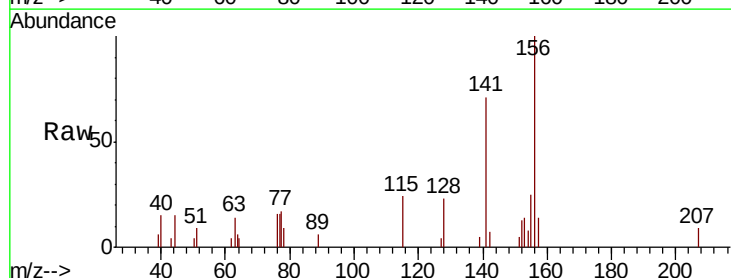
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-54-53

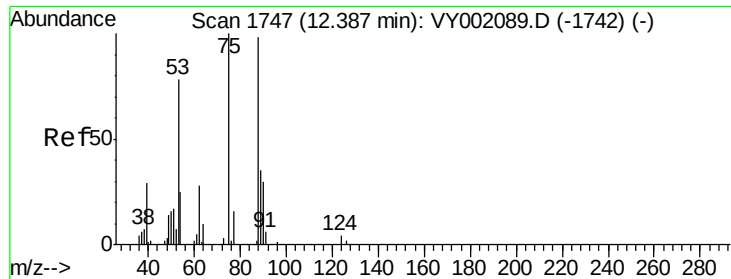
Tot Ion: 75 Resp: 47394
 Ion Ratio Lower Upper
 75 100
 77 2.4 0.0 0.0#



#77
 Bromobenzene
 Concen: 3.080 ug/l
 RT: 12.63 min Scan# 1787
 Delta R.T. 0.02 min
 Lab File: VY002218.D
 Acq: 03 Apr 2020 15:11

Tgt Ion: 156 Resp: 3661
 Ion Ratio Lower Upper
 156 100
 77 9.1 107.8 323.6#
 158 0.0 47.5 142.6#





#81

trans-1,4-Dichloro-2-butene

Concen: 109.339 ug/l

RT: 12.48 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002218.D

Acq: 03 Apr 2020 15:11

Instrument :

MSVOA_Y

ClientSampleId :

TP-54-53

Tot Ion: 75 Resp: 47394

Ion Ratio Lower Upper

75 100

53 0.0 65.0 97.4#

89 0.2 33.4 50.0#

