

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041420\
 Data File : VY002307.D
 Acq On : 14 Apr 2020 14:41
 Operator : SY/MD
 Sample : L2230-43
 Misc : 5.34G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-42

Quant Time: Apr 15 05:35:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

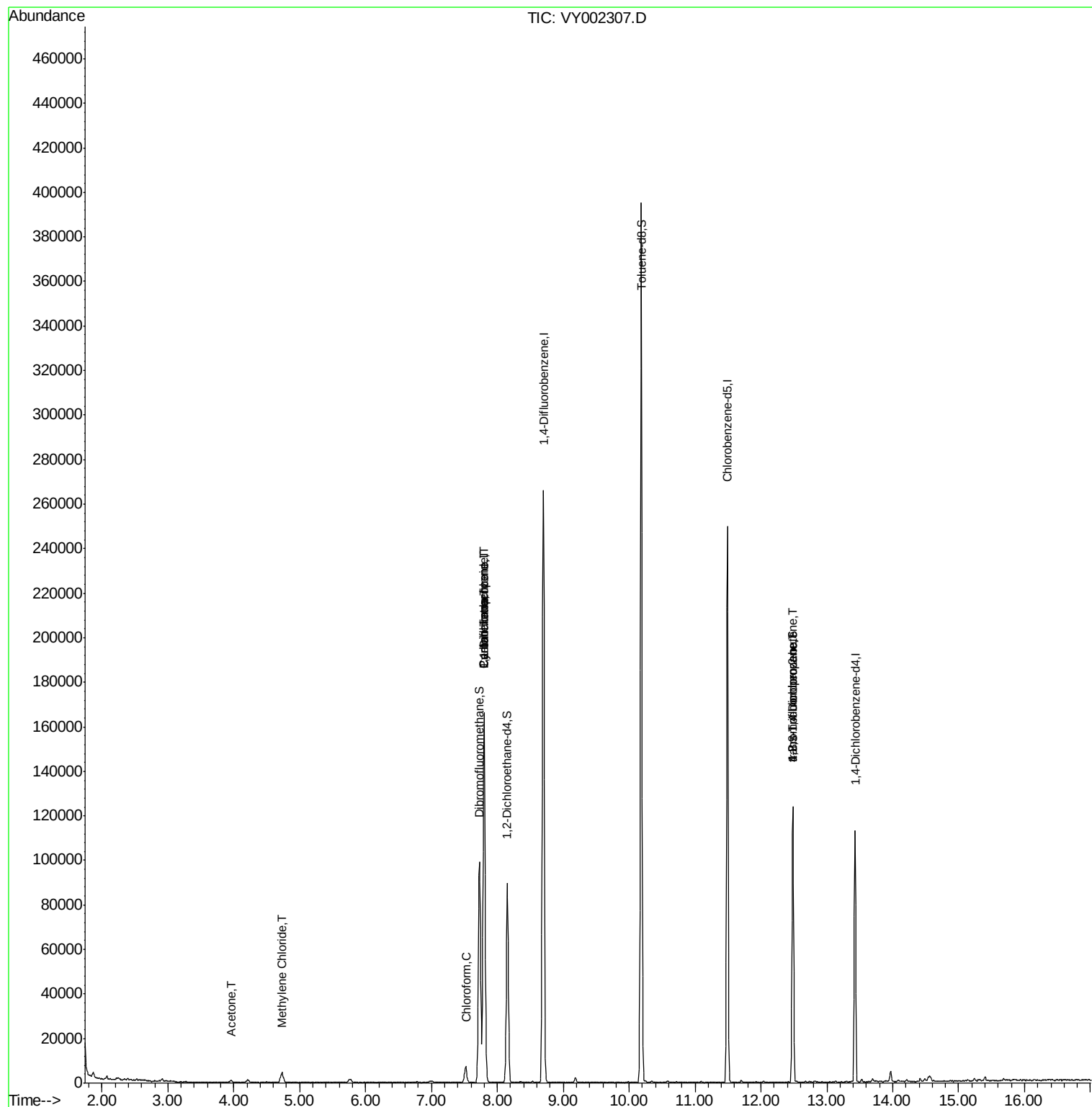
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	125687	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	237941	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	138642	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	28924	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	64433	46.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.20%	
35) Dibromofluoromethane	7.73	113	73693	52.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.10%	
50) Toluene-d8	10.18	98	259024	43.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.42%	
62) 4-Bromofluorobenzene	12.49	95	40266	20.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	41.20%	
Target Compounds						
					Qvalue	
16) Acetone	3.96	43	1055	2.866	ug/l	91
20) Methylene Chloride	4.72	84	3349	1.851	ug/l	92
30) Chloroform	7.52	83	6987	2.642	ug/l	92
31) Cyclohexane	7.79	56	2995	1.017	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	10232	4.366	ug/l #	49
38) Carbon Tetrachloride	7.80	117	12736	6.353	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	18899	56.269	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	18899	109.442	ug/l #	19

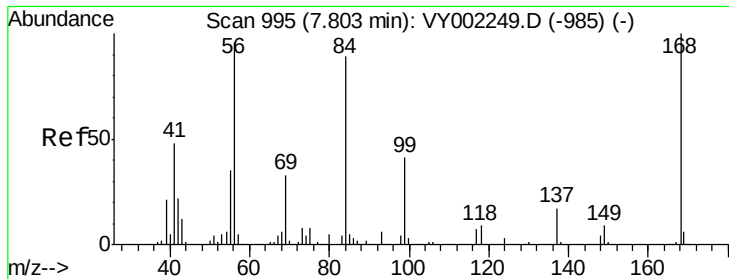
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY041420\
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Quant Title : SW846 8260
QLast Update : Wed Apr 08 15:15:02 2020
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: VY002307.D

Acq: 14 Apr 2020 14:41

Instrument :

MSVOA_Y

ClientSampled :

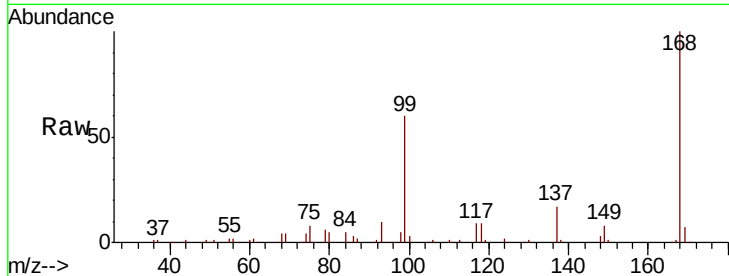
TP-42

Tot Ion:168 Resp: 125687

Ion Ratio Lower Upper

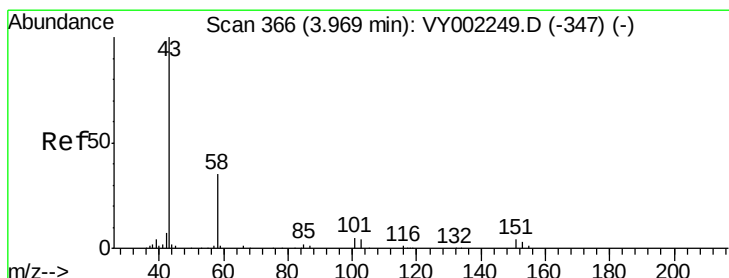
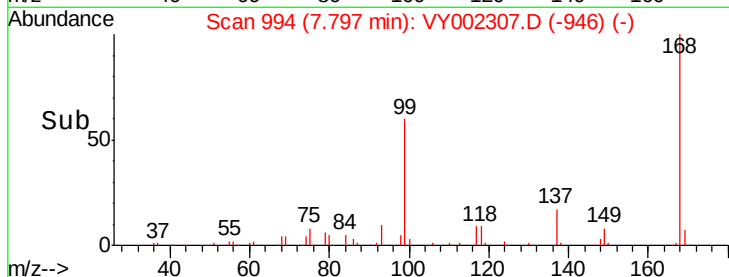
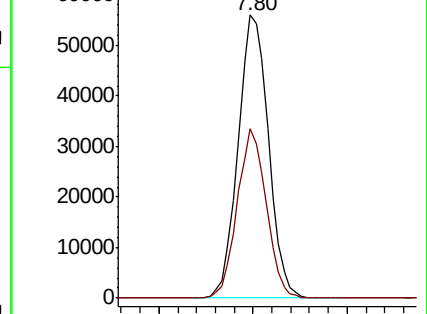
168 100

99 59.8 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)



#16

Acetone

Concen: 2.866 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.01 min

Lab File: VY002307.D

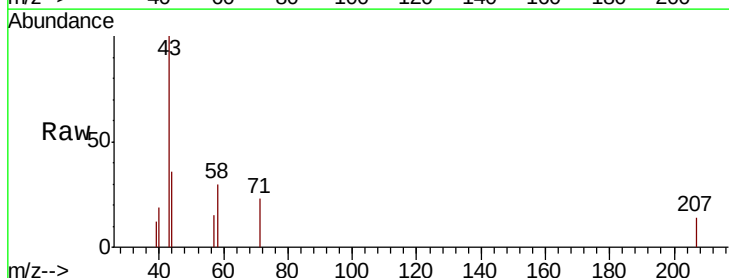
Acq: 14 Apr 2020 14:41

Tgt Ion: 43 Resp: 1055

Ion Ratio Lower Upper

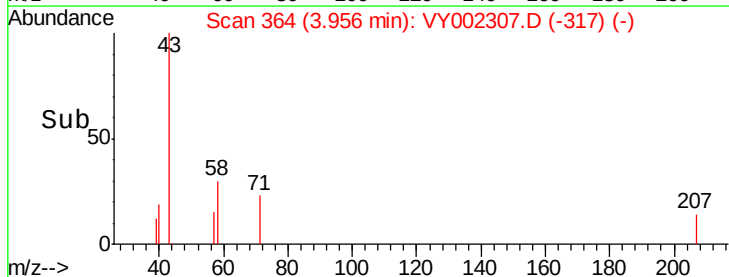
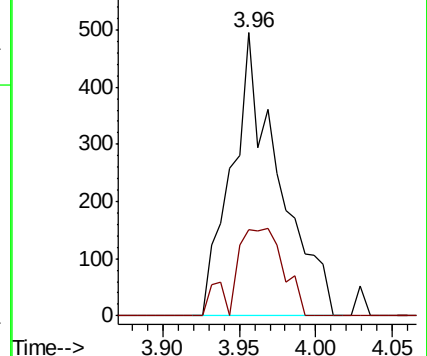
43 100

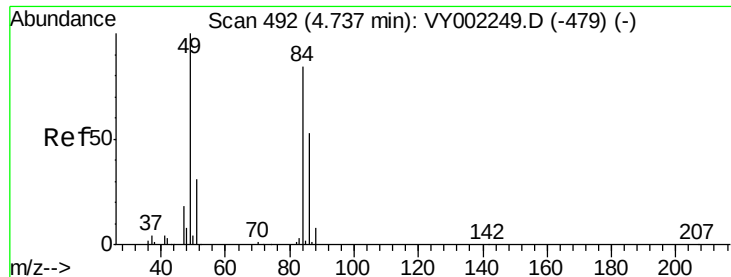
58 30.3 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VY002249.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002249.D (-347) (-)

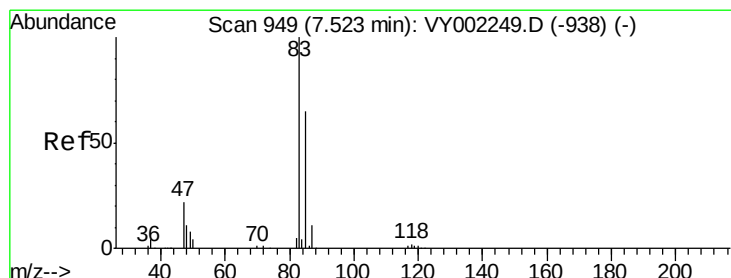
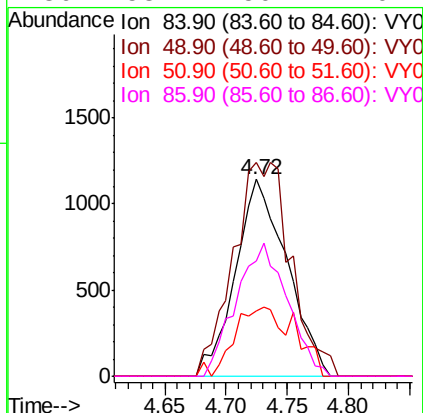
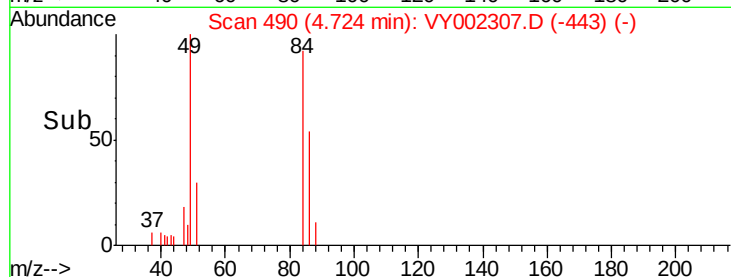
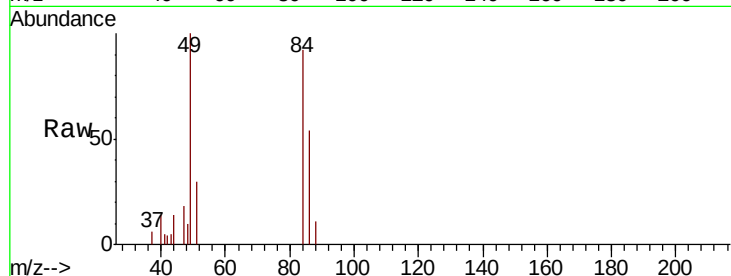




#20
Methylene Chloride
Concen: 1.851 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: VY002307.D
Acq: 14 Apr 2020 14:41

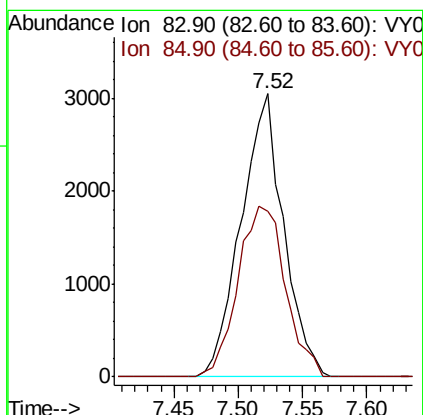
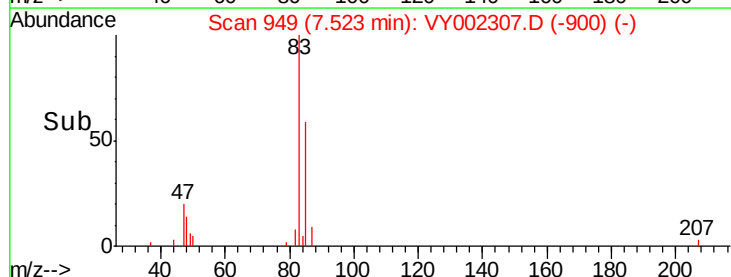
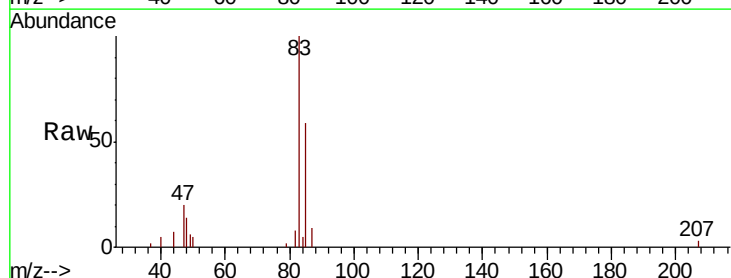
Instrument :
MSVOA_Y
ClientSampleId :
TP-42

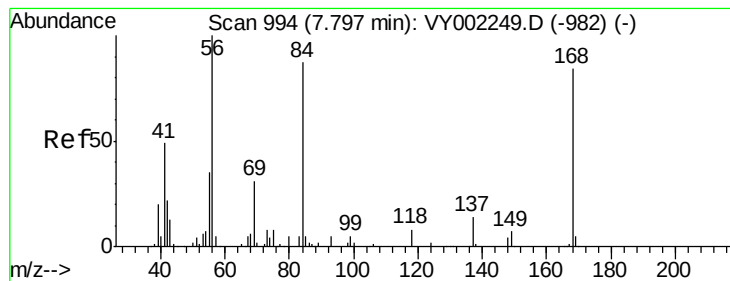
Tot Ion:	84	Resp:	3349
Ion	Ratio	Lower	Upper
84	100		
49	108.6	95.5	143.3
51	32.9	29.5	44.3
86	58.7	50.7	76.1



#30
Chloroform
Concen: 2.642 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.00 min
Lab File: VY002307.D
Acq: 14 Apr 2020 14:41

Tgt Ion:	83	Resp:	6987
Ion	Ratio	Lower	Upper
83	100		
85	58.6	52.0	78.0





#31

Cyclohexane

Concen: 1.017 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY002307.D

Acq: 14 Apr 2020 14:41

Instrument :

MSVOA_Y

ClientSampled :

TP-42

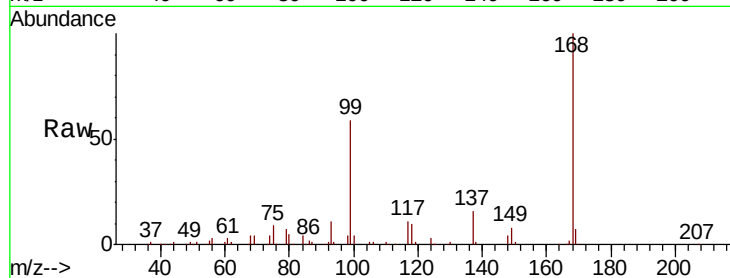
Tot Ion: 56 Resp: 2995

Ion Ratio Lower Upper

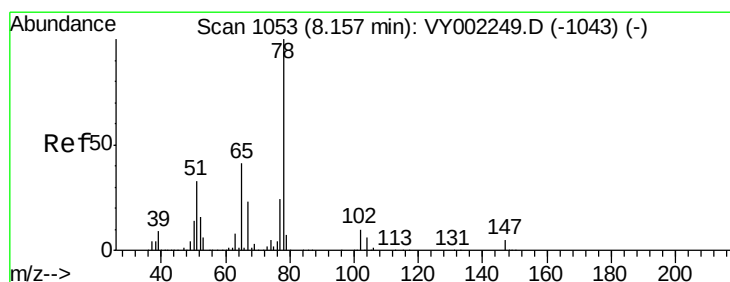
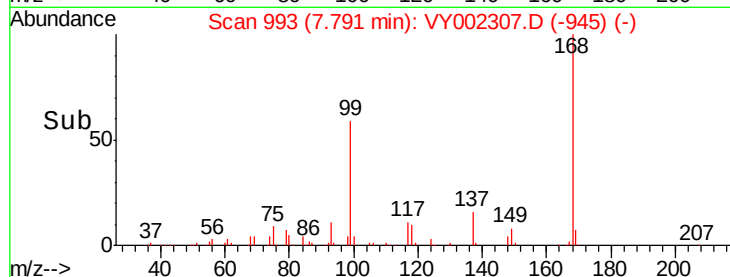
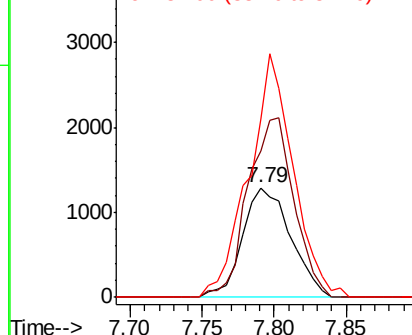
56 100

69 133.7 25.0 37.6#

84 163.1 69.7 104.5#



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: 46.098 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002307.D

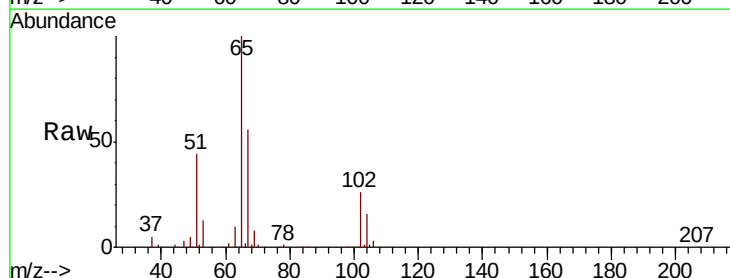
Acq: 14 Apr 2020 14:41

Tgt Ion: 65 Resp: 64433

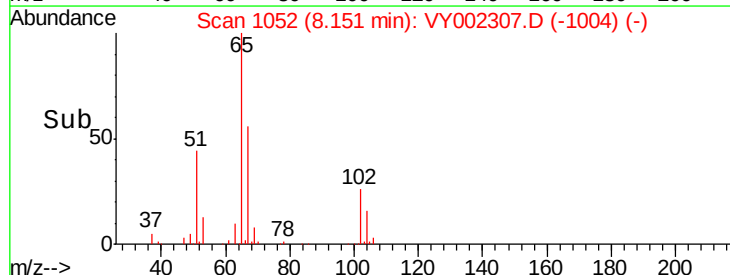
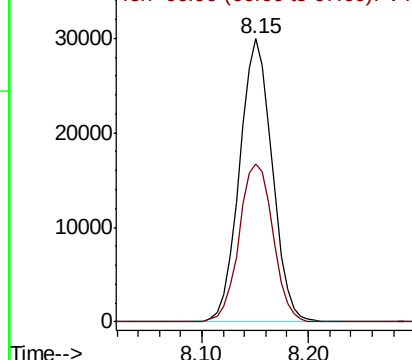
Ion Ratio Lower Upper

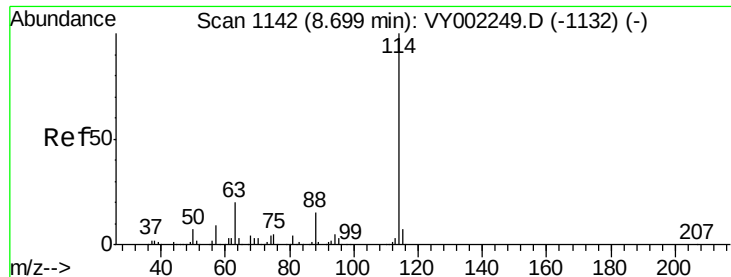
65 100

67 58.1 0.0 114.0



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

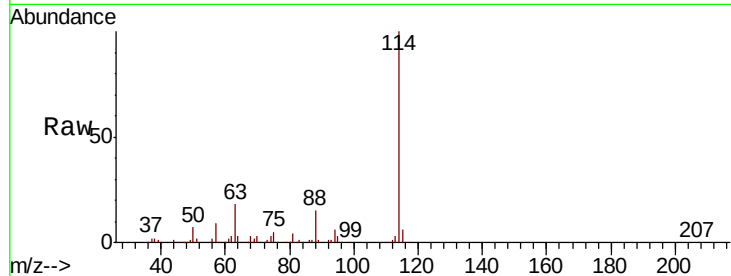




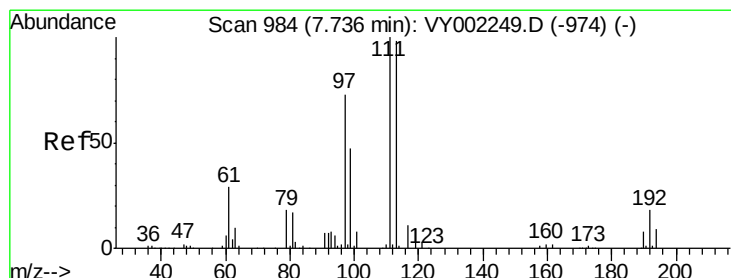
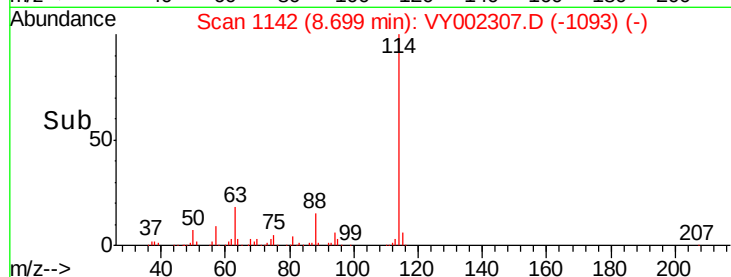
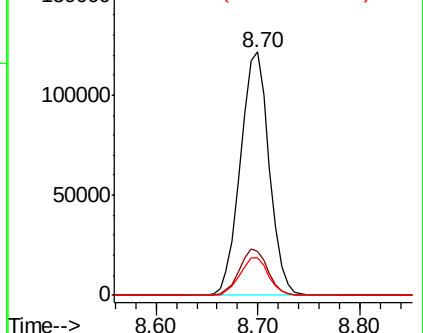
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY002307.D
 Acq: 14 Apr 2020 14:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-42

Tot Ion:114 Resp: 237941
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 39.0
 88 15.3 0.0 31.0

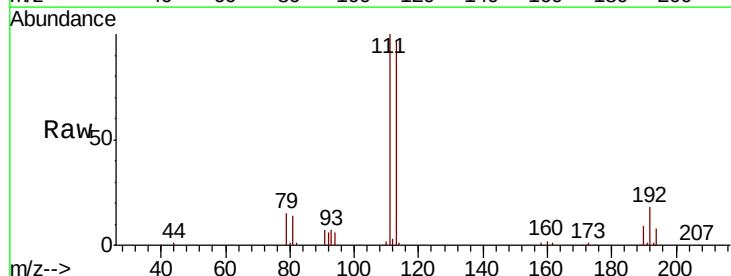


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

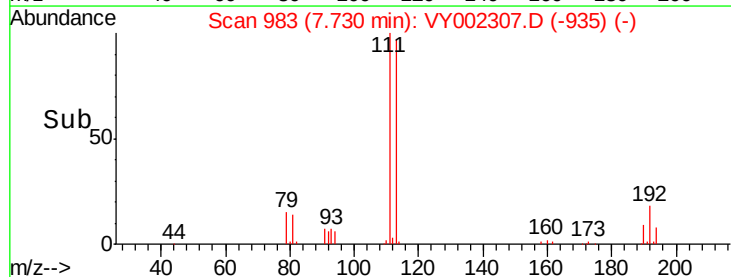
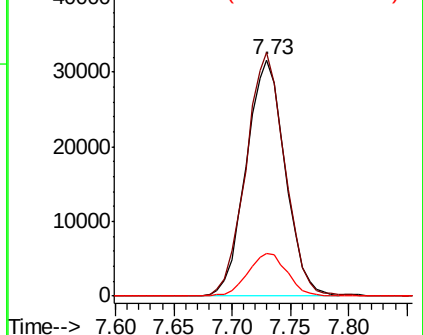


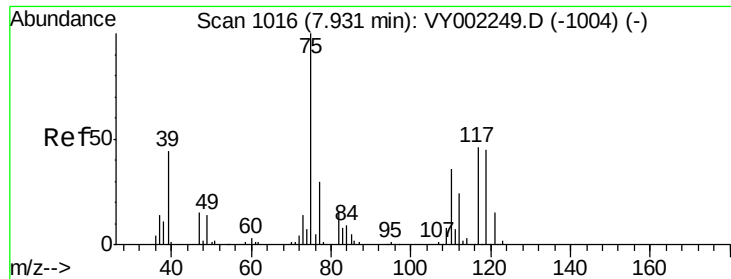
#35
 Dibromofluoromethane
 Concen: 52.049 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: VY002307.D
 Acq: 14 Apr 2020 14:41

Tgt Ion:113 Resp: 73693
 Ion Ratio Lower Upper
 113 100
 111 102.3 83.5 125.3
 192 18.2 14.7 22.1



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: 4.366 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY002307.D

Acq: 14 Apr 2020 14:41

Instrument :

MSVOA_Y

ClientSampleId :

TP-42

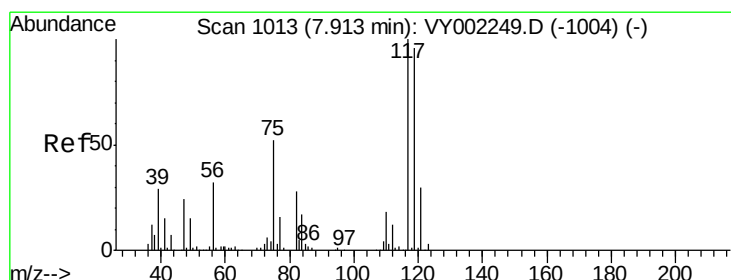
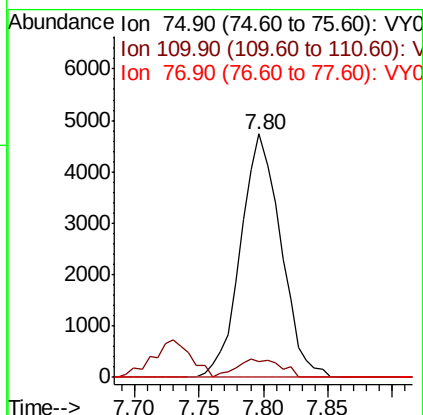
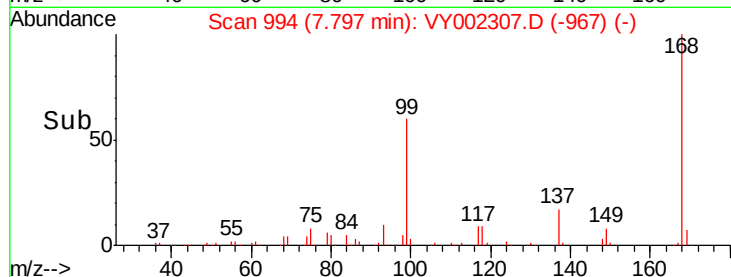
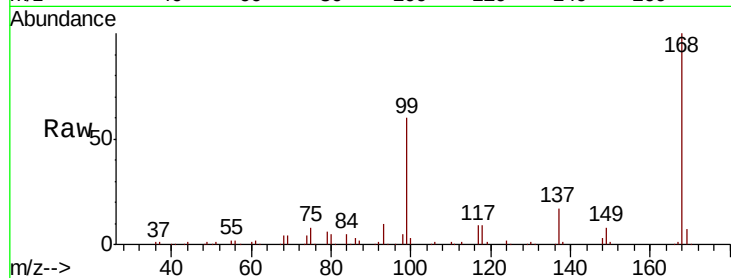
Tot Ion: 75 Resp: 10232

Ion Ratio Lower Upper

75 100

110 8.2 17.8 53.3#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 6.353 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.11 min

Lab File: VY002307.D

Acq: 14 Apr 2020 14:41

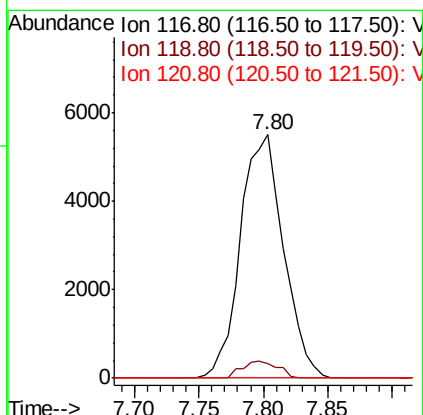
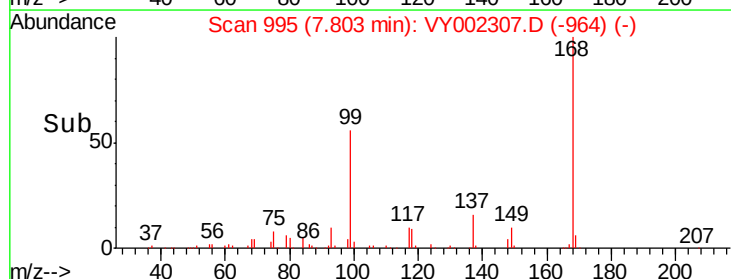
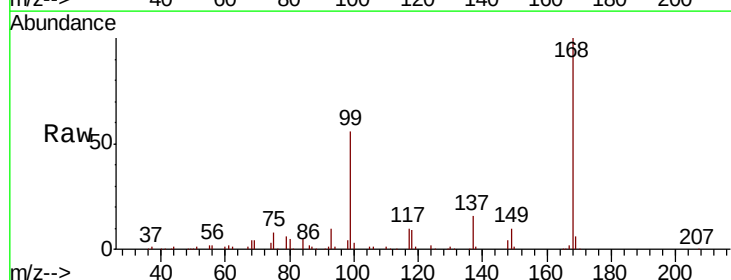
Tgt Ion: 117 Resp: 12736

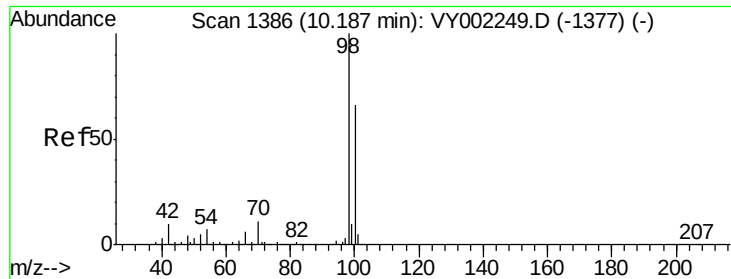
Ion Ratio Lower Upper

117 100

119 5.8 77.1 115.7#

121 0.0 23.9 35.9#





#50

Toluene-d8

Concen: 43.709 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002307.D

Acq: 14 Apr 2020 14:41

Instrument :

MSVOA_Y

ClientSampleId :

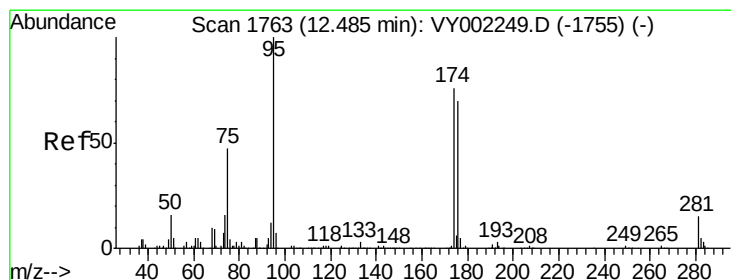
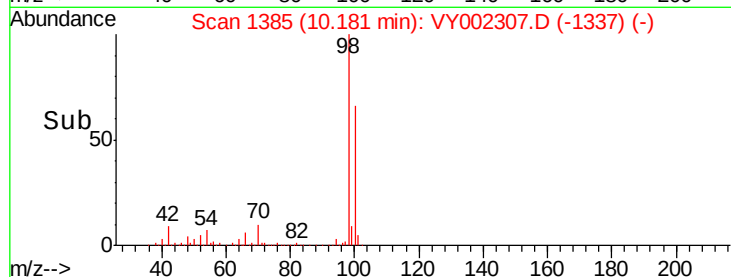
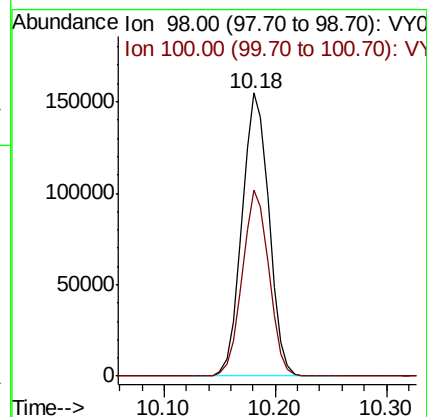
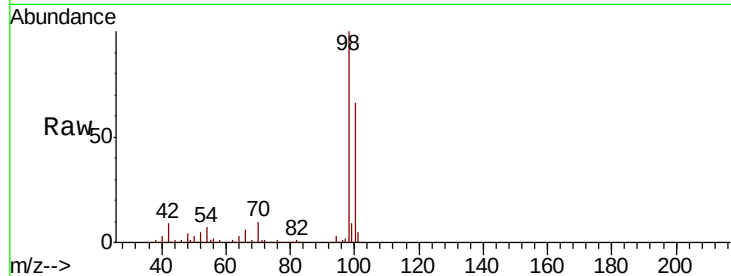
TP-42

Tot Ion: 98 Resp: 259024

Ion Ratio Lower Upper

98 100

100 65.0 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 20.595 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY002307.D

Acq: 14 Apr 2020 14:41

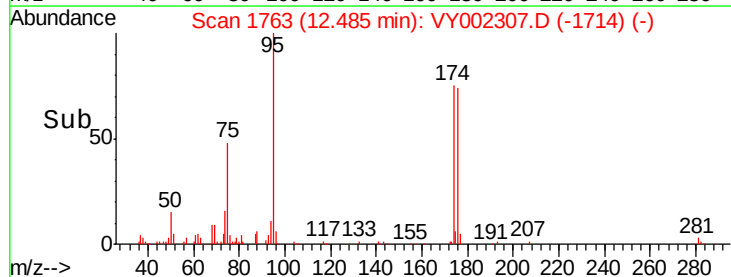
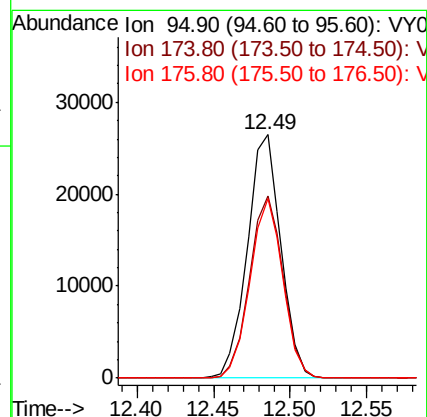
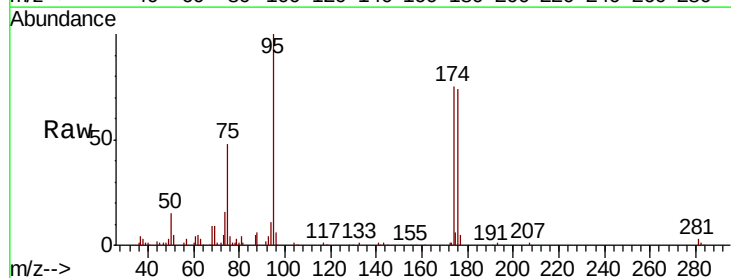
Tgt Ion: 95 Resp: 40266

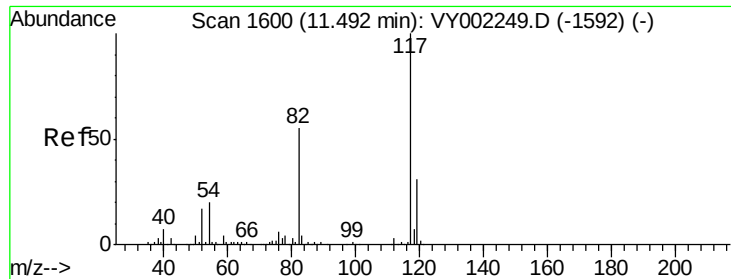
Ion Ratio Lower Upper

95 100

174 75.1 0.0 150.6

176 72.4 0.0 141.4

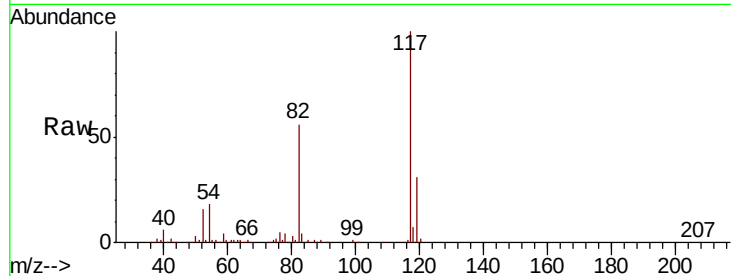




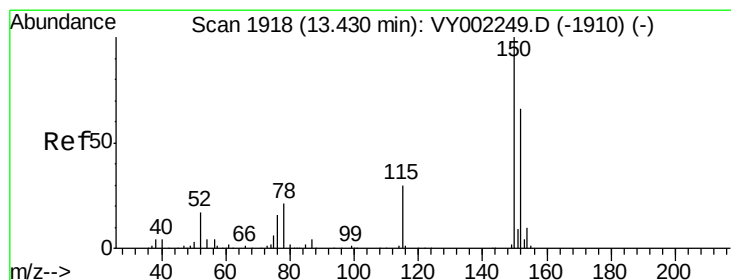
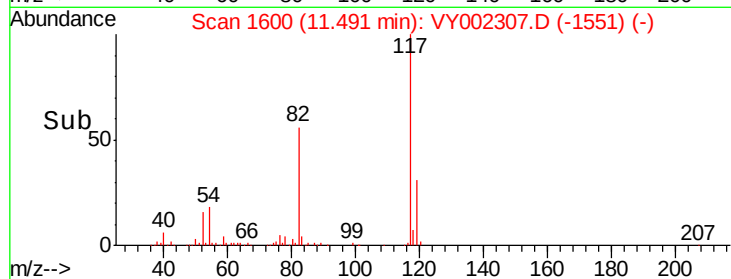
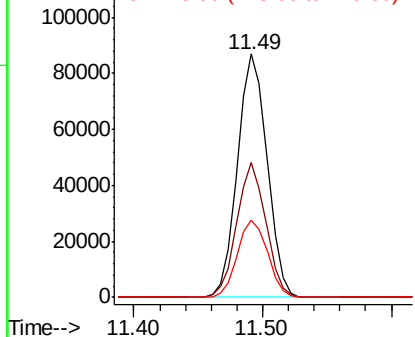
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002307.D
Acq: 14 Apr 2020 14:41

Instrument :
MSVOA_Y
ClientSampled :
TP-42

Tot Ion:117 Resp: 138642
Ion Ratio Lower Upper
117 100
82 55.5 44.2 66.4
119 31.5 25.1 37.7

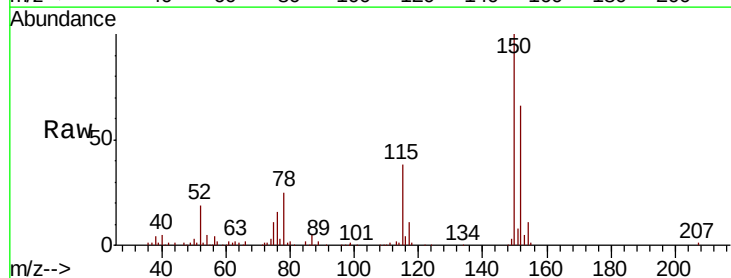


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

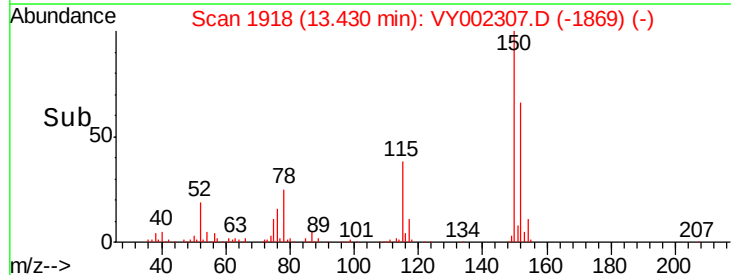
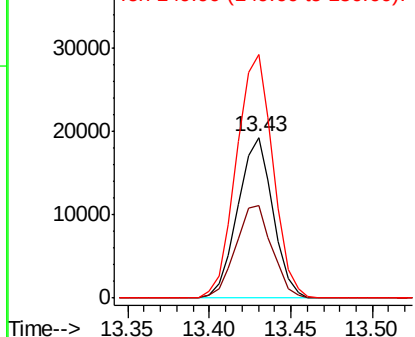


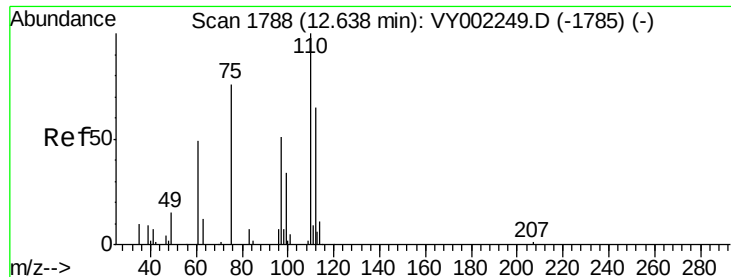
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY002307.D
Acq: 14 Apr 2020 14:41

Tgt Ion:152 Resp: 28924
Ion Ratio Lower Upper
152 100
115 59.5 30.7 92.1
150 158.0 0.0 350.6



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: 56.269 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.15 min

Lab File: VY002307.D

Acq: 14 Apr 2020 14:41

Instrument :

MSVOA_Y

ClientSampled :

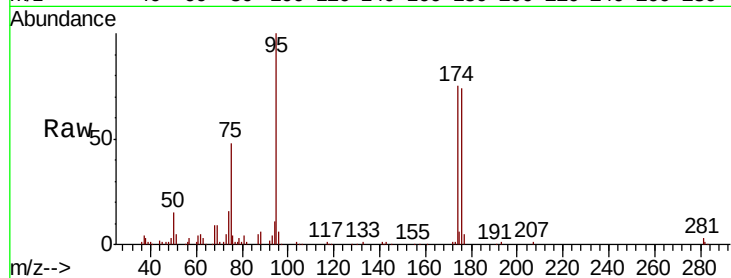
TP-42

Tot Ion: 75 Resp: 18899

Ion Ratio Lower Upper

75 100

77 1.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0

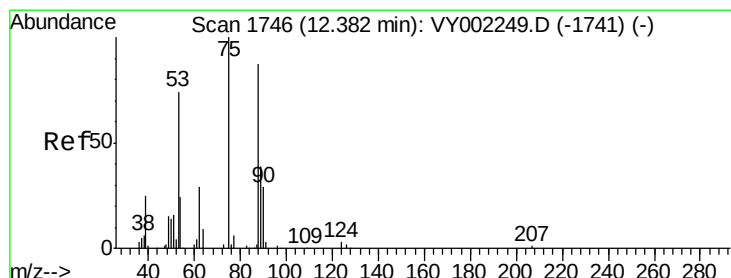
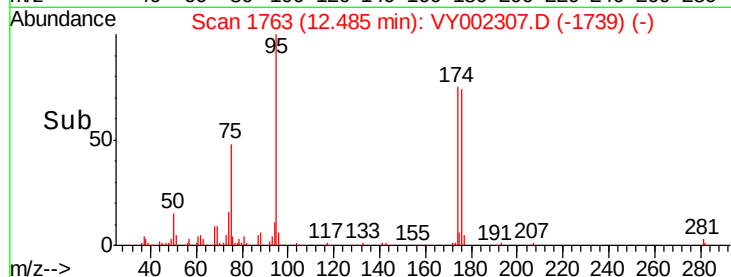
12.49

10000

5000

0

Time--> 12.40 12.45 12.50 12.55



#81

trans-1,4-Dichloro-2-butene

Concen: 109.442 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002307.D

Acq: 14 Apr 2020 14:41

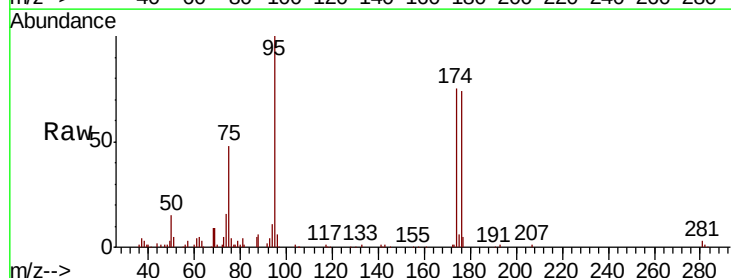
Tgt Ion: 75 Resp: 18899

Ion Ratio Lower Upper

75 100

53 0.0 59.8 89.8#

89 0.0 37.0 55.6#



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

12.49

15000

10000

5000

0

Time--> 12.40 12.45 12.50 12.55

