

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041720\
 Data File : VY002396.D
 Acq On : 17 Apr 2020 14:07
 Operator : SY/MD
 Sample : L2271-04RE
 Misc : 3.59G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 18 04:36:24 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

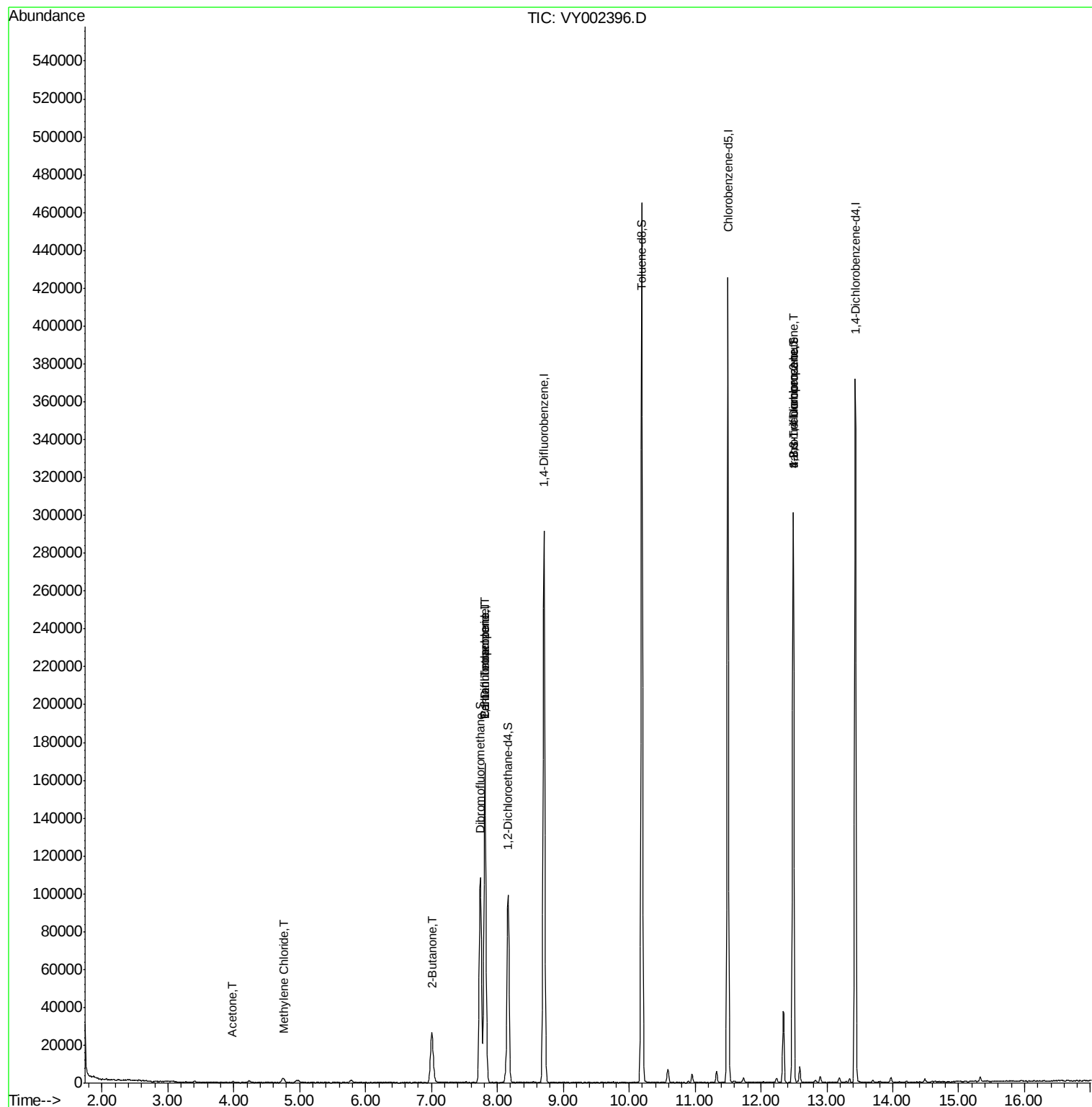
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	133903	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	269465	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	242599	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	93856	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	71337	47.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.82%	
35) Dibromofluoromethane	7.74	113	79759	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.48%	
50) Toluene-d8	10.19	98	323574	48.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.42%	
62) 4-Bromofluorobenzene	12.49	95	100536	45.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.82%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.96	59	1258	Below Cal	#	77
16) Acetone	3.97	43	871	2.221	ug/l #	88
20) Methylene Chloride	4.75	84	2143	1.112	ug/l #	76
25) 2-Butanone	7.00	43	1094	1.763	ug/l	93
36) 1,1-Dichloropropene	7.81	75	10595	3.992	ug/l #	50
38) Carbon Tetrachloride	7.81	117	12965	5.711	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	47953	43.999	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	47953	85.577	ug/l #	19

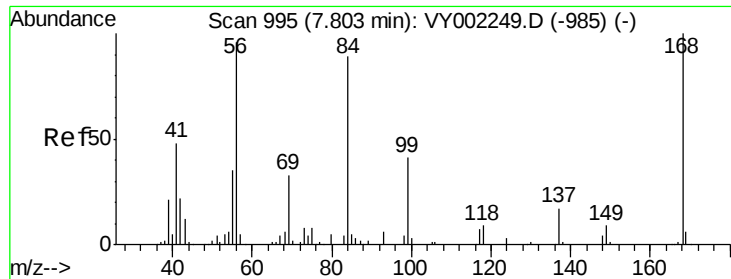
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY041720\
Data File : VY002396.D
Acq On : 17 Apr 2020 14:07
Operator : SY/MD
Sample : L2271-04RE
Misc : 3.59G/5ML/MSVOA Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Apr 18 04:36:24 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 08 15:15:02 2020
Response via : Initial Calibration



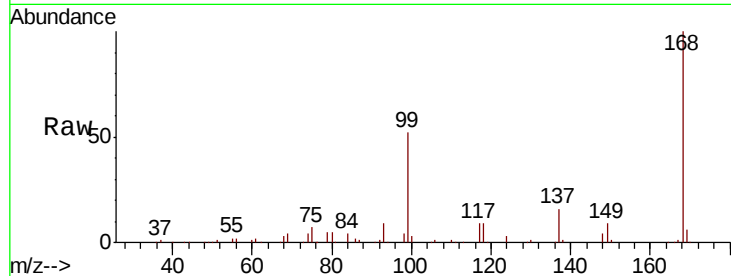


#1

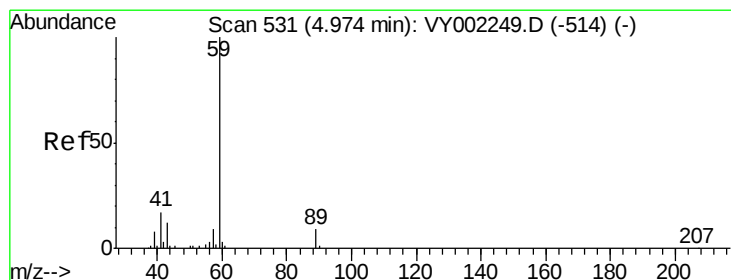
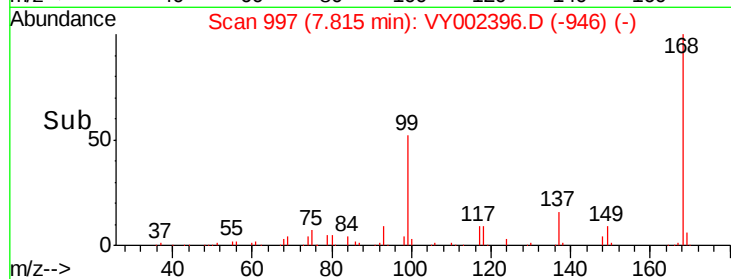
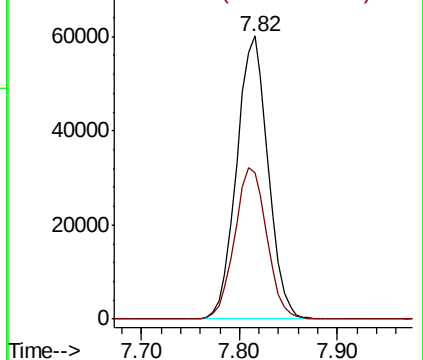
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. 0.01 min
 Lab File: VY002396.D
 Acq: 17 Apr 2020 14:07

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion:168 Resp: 133903
 Ion Ratio Lower Upper
 168 100
 99 51.9 48.0 72.0



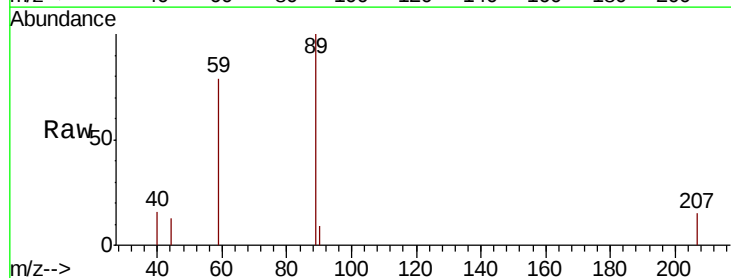
Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)
 Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)



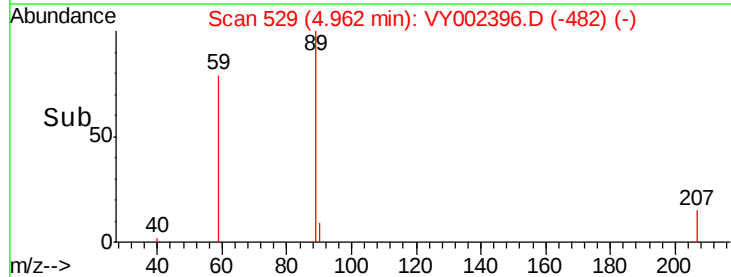
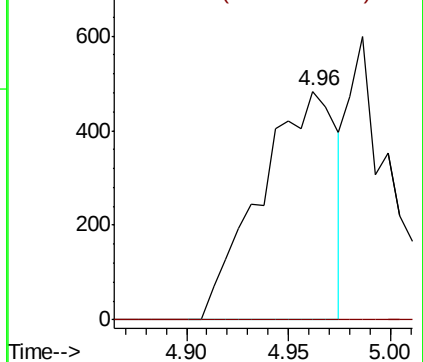
#11

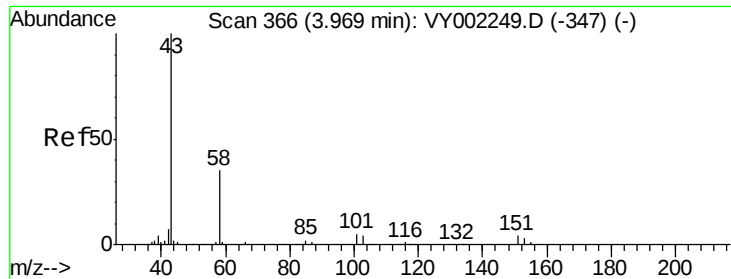
Tert butyl alcohol
 Concen: Below Cal
 RT: 4.96 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VY002396.D
 Acq: 17 Apr 2020 14:07

Tgt Ion: 59 Resp: 1258
 Ion Ratio Lower Upper
 59 100
 57 0.0 6.6 9.8#



Abundance Ion 59.00 (58.70 to 59.70): VY002249.D (-514) (-)
 Ion 57.00 (56.70 to 57.70): VY002249.D (-514) (-)





#16

Acetone

Concen: 2.221 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002396.D

Acq: 17 Apr 2020 14:07

Instrument :

MSVOA_Y

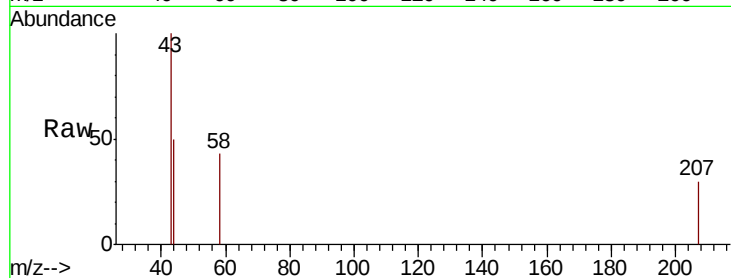
ClientSampleId :

Tot Ion: 43 Resp: 871

Ion Ratio Lower Upper

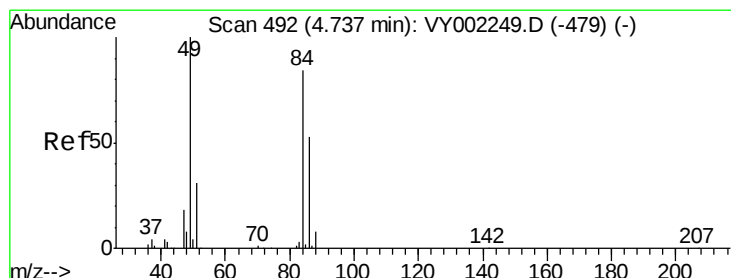
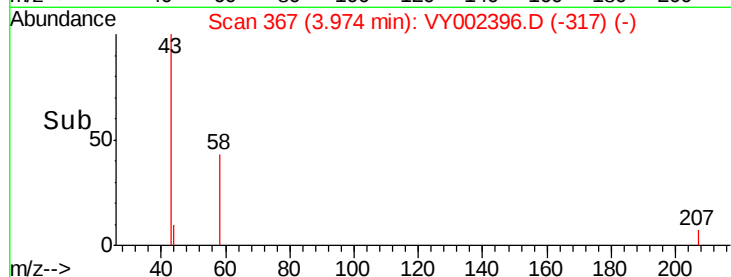
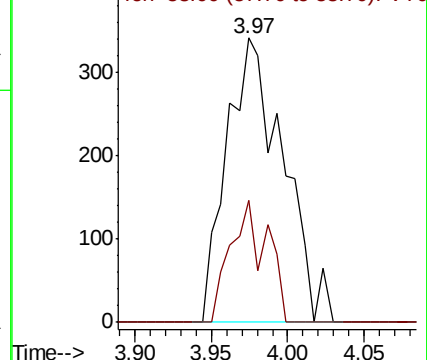
43 100

58 42.8 28.5 42.7#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#20

Methylene Chloride

Concen: 1.112 ug/l

RT: 4.75 min Scan# 495

Delta R.T. 0.02 min

Lab File: VY002396.D

Acq: 17 Apr 2020 14:07

Tgt Ion: 84 Resp: 2143

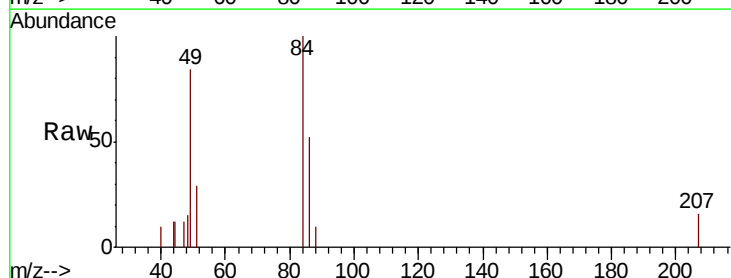
Ion Ratio Lower Upper

84 100

49 83.5 95.5 143.3#

51 28.6 29.5 44.3#

86 52.1 50.7 76.1

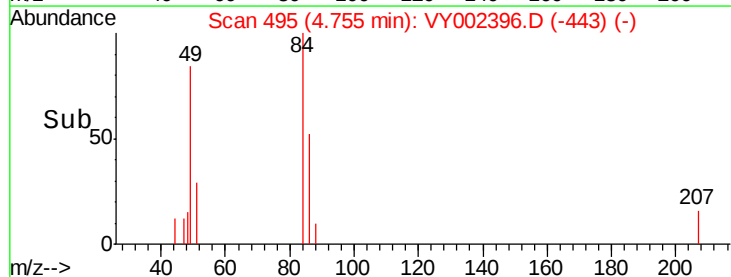
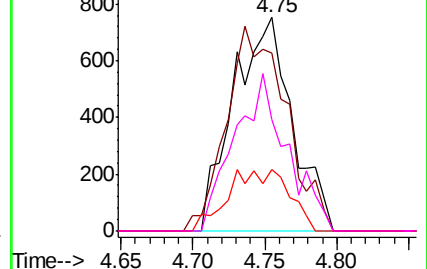


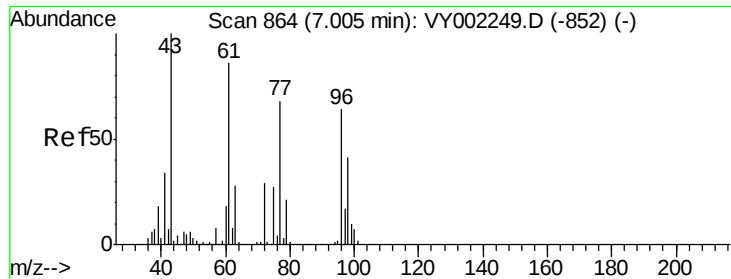
Abundance Ion 83.90 (83.60 to 84.60): VY0

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

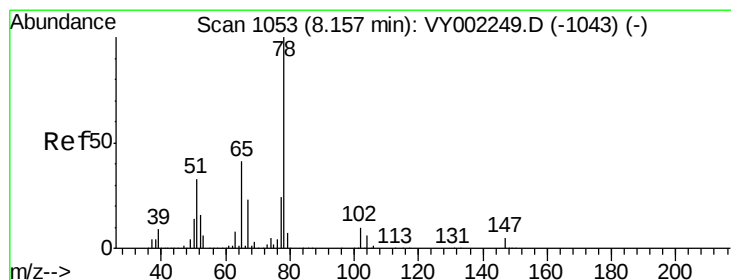
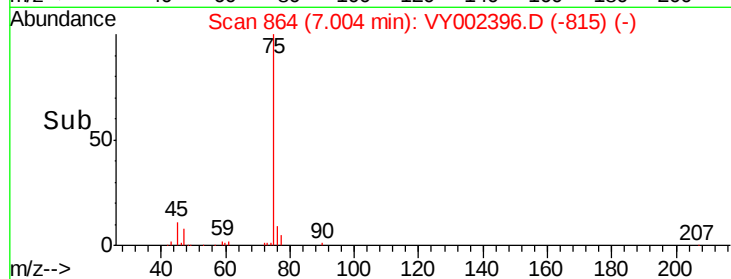
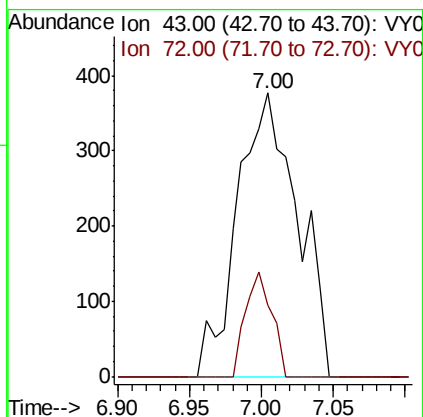
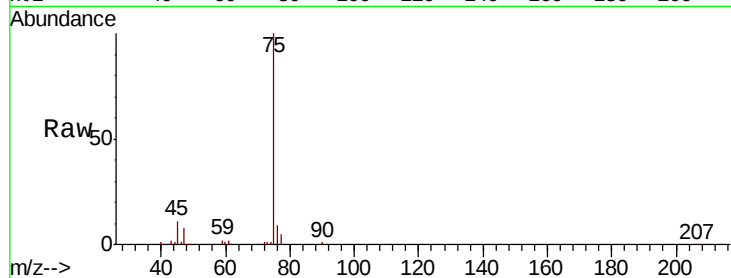




#25
 2-Butanone
 Concen: 1.763 ug/l
 RT: 7.00 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VY002396.D
 Acq: 17 Apr 2020 14:07

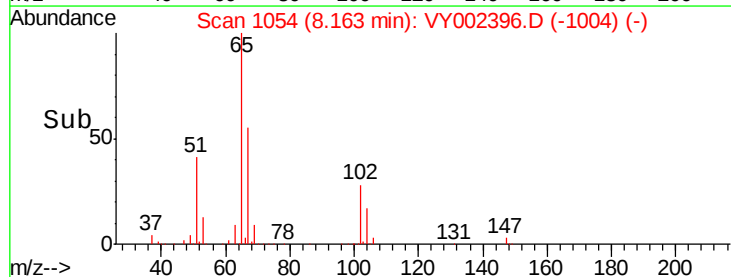
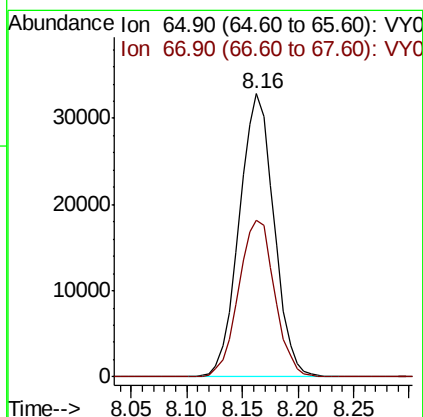
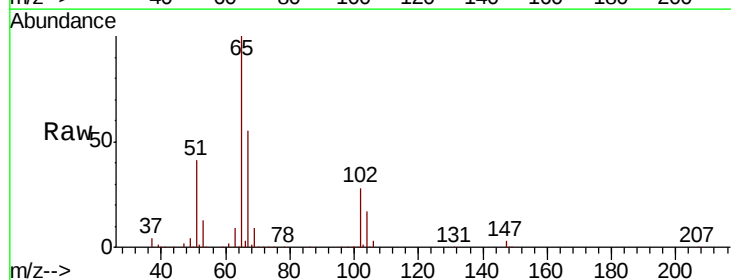
Instrument :
 MSVOA_Y
 ClientSampleId :

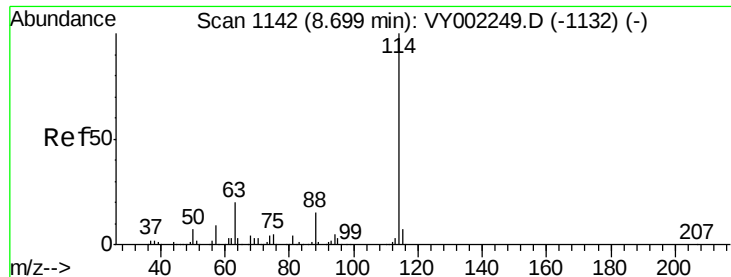
Tot Ion: 43 Resp: 1094
 Ion Ratio Lower Upper
 43 100
 72 25.2 23.2 34.8



#33
 1,2-Dichloroethane-d4
 Concen: 47.906 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.01 min
 Lab File: VY002396.D
 Acq: 17 Apr 2020 14:07

Tgt Ion: 65 Resp: 71337
 Ion Ratio Lower Upper
 65 100
 67 57.5 0.0 114.0

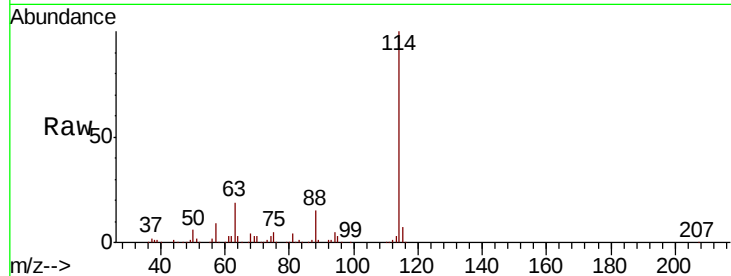




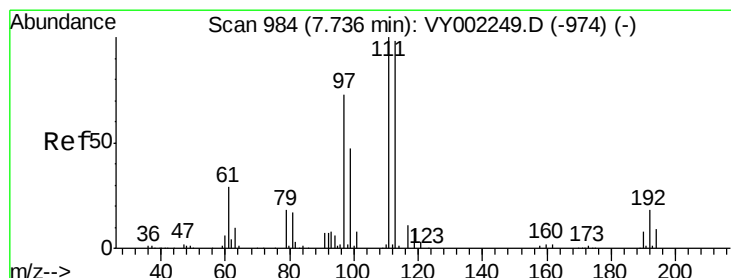
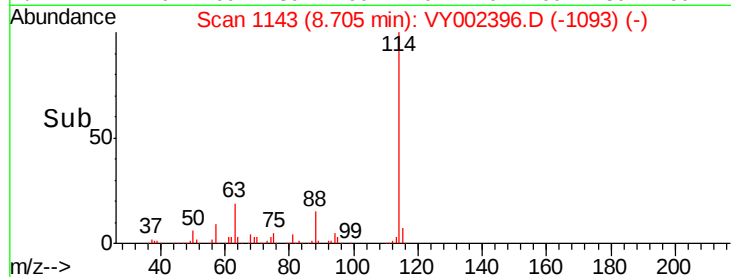
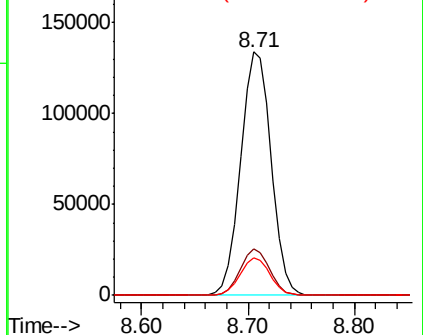
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.01 min
 Lab File: VY002396.D
 Acq: 17 Apr 2020 14:07

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	39.0
88	15.2	0.0	31.0

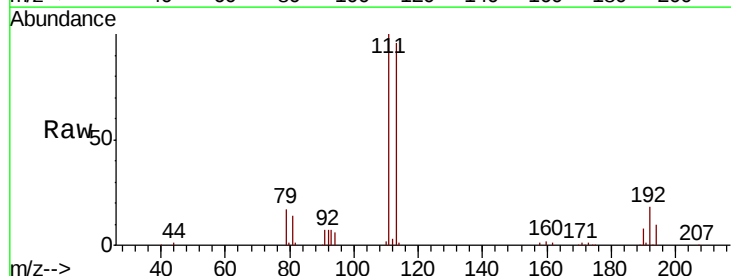


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

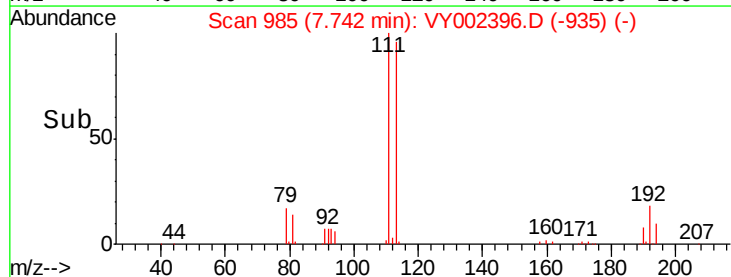
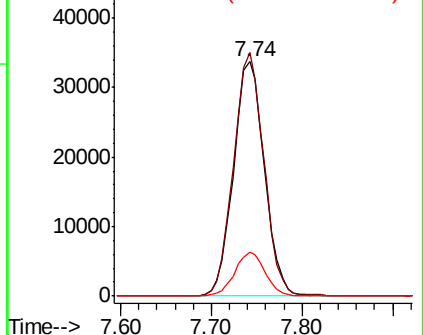


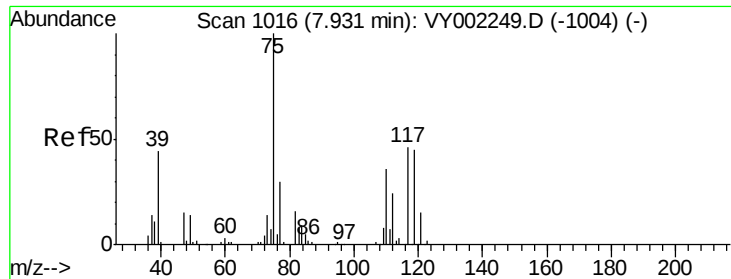
#35
 Dibromofluoromethane
 Concen: 49.743 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.01 min
 Lab File: VY002396.D
 Acq: 17 Apr 2020 14:07

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	83.5	125.3
192	18.4	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

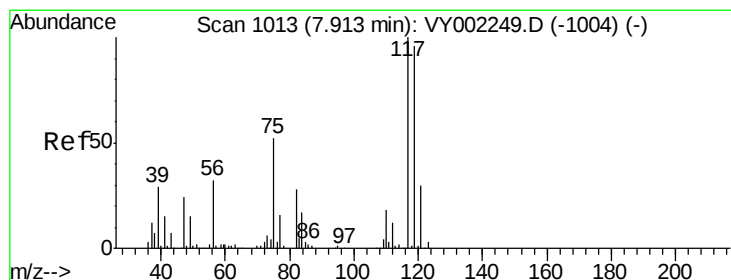
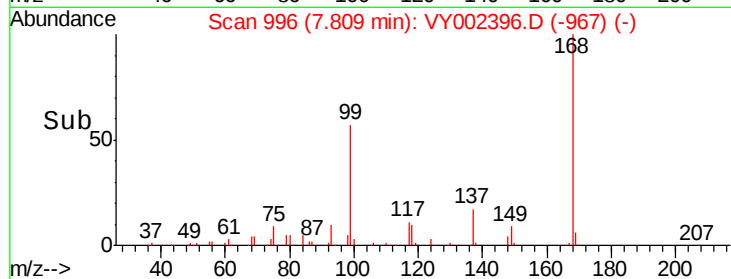
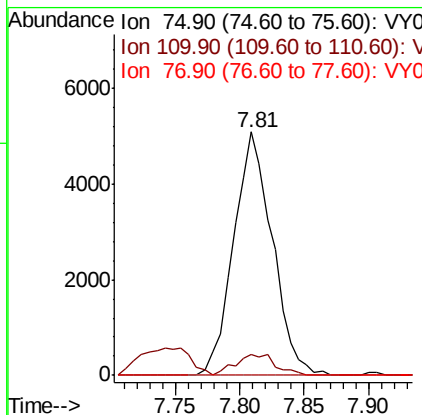
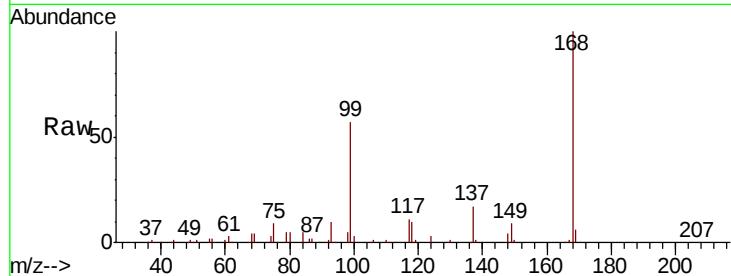




#36
 1,1-Dichloropropene
 Concen: 3.992 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.12 min
 Lab File: VY002396.D
 Acq: 17 Apr 2020 14:07

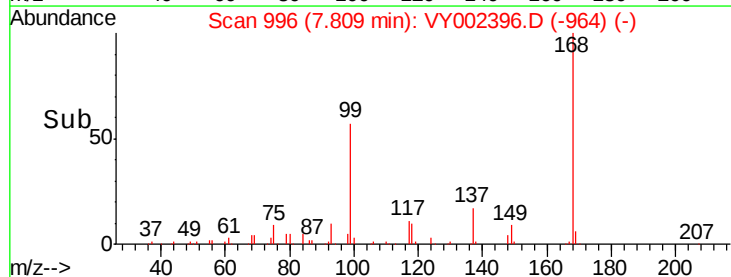
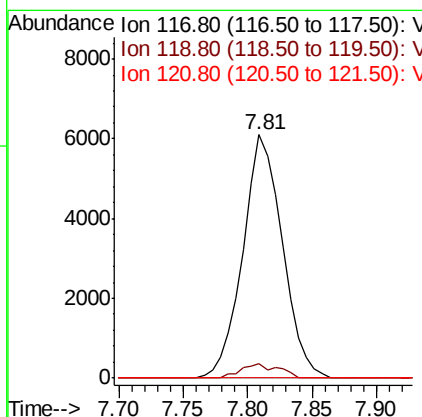
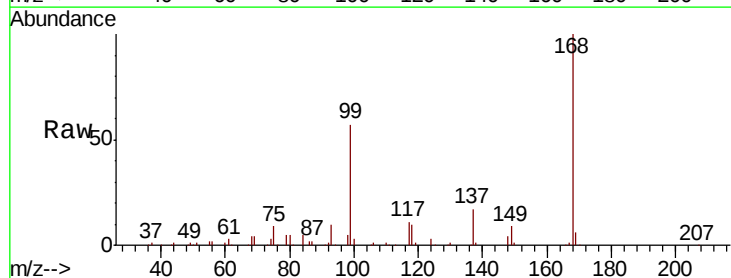
Instrument :
 MSVOA_Y
 ClientSampled :

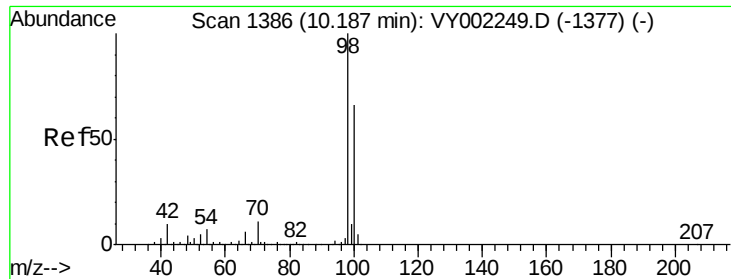
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.9	17.8	53.3#
77	0.0	24.4	36.6#



#38
 Carbon Tetrachloride
 Concen: 5.711 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.10 min
 Lab File: VY002396.D
 Acq: 17 Apr 2020 14:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.7	77.1	115.7#
121	0.0	23.9	35.9#





#50

Toluene-d8

Concen: 48.214 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002396.D

Acq: 17 Apr 2020 14:07

Instrument :

MSVOA_Y

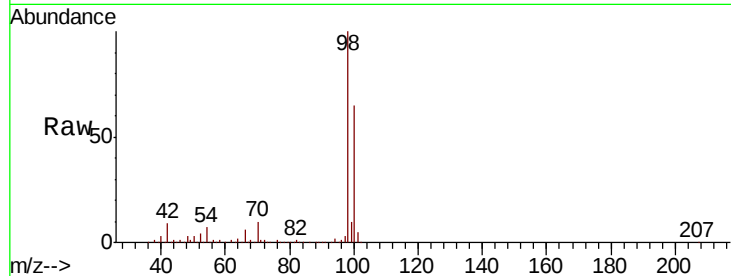
ClientSampleId :

Tot Ion: 98 Resp: 323574

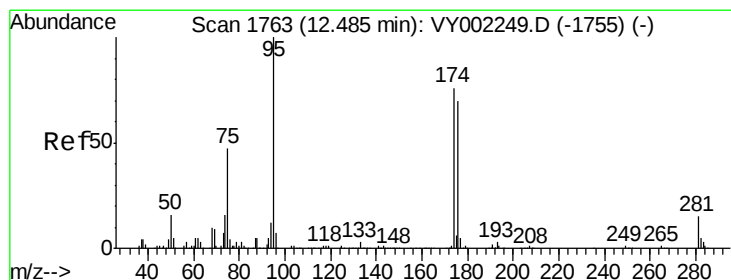
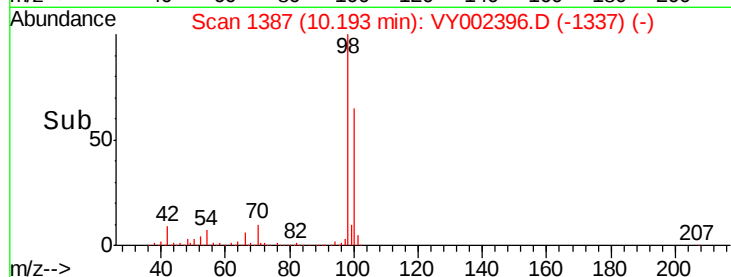
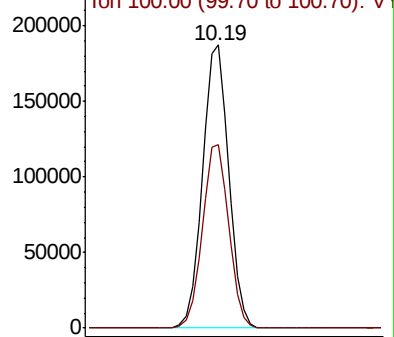
Ion Ratio Lower Upper

98 100

100 65.2 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VY002249.D (-1377) (-)



#62

4-Bromofluorobenzene

Concen: 45.407 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002396.D

Acq: 17 Apr 2020 14:07

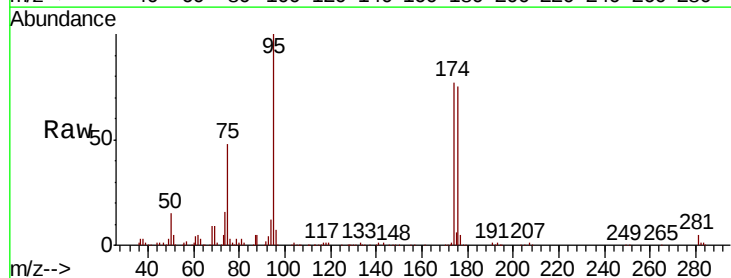
Tgt Ion: 95 Resp: 100536

Ion Ratio Lower Upper

95 100

174 75.2 0.0 150.6

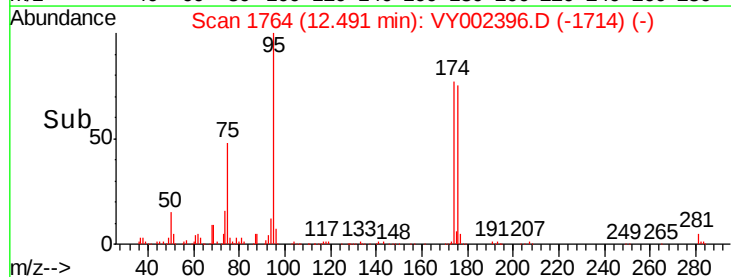
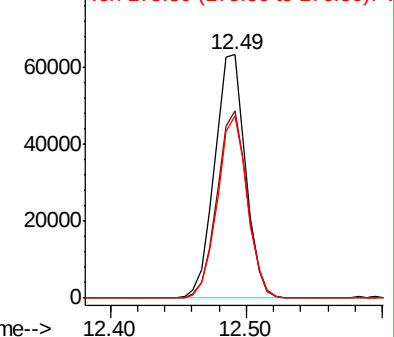
176 72.8 0.0 141.4

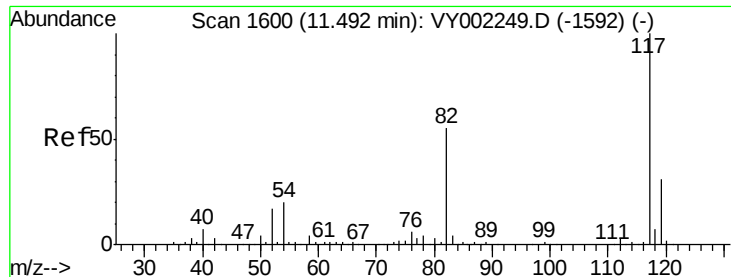


Abundance Ion 94.90 (94.60 to 95.60): VY002249.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY002249.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY002249.D (-1755) (-)

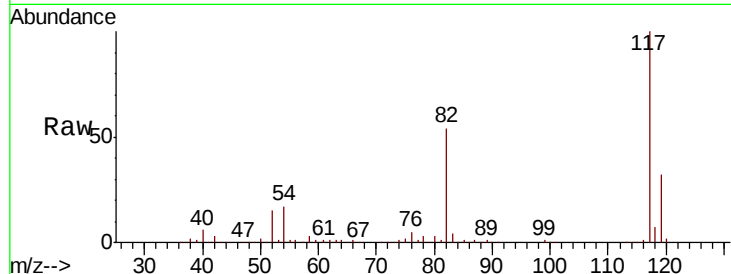




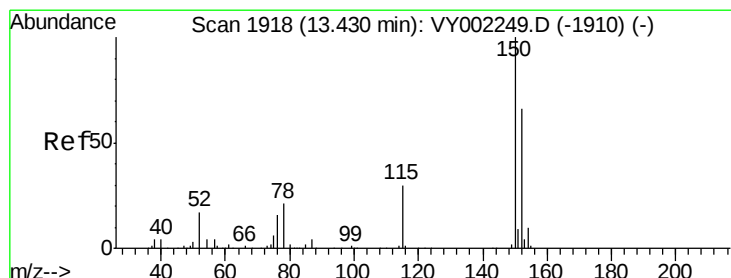
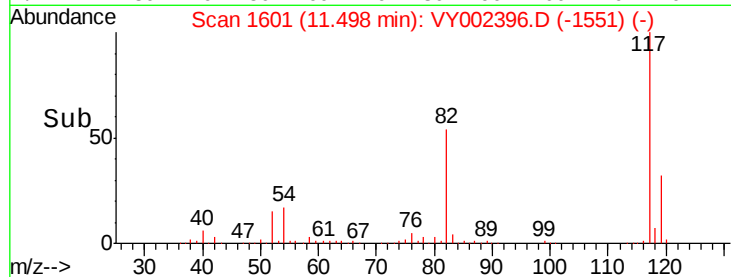
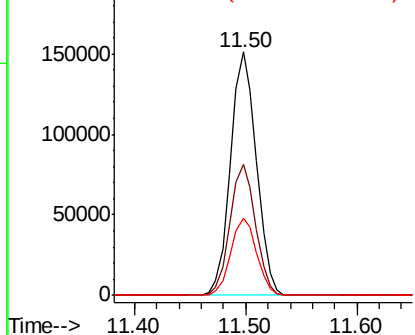
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002396.D
Acq: 17 Apr 2020 14:07

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 242599
Ion Ratio Lower Upper
117 100
82 53.7 44.2 66.4
119 31.8 25.1 37.7

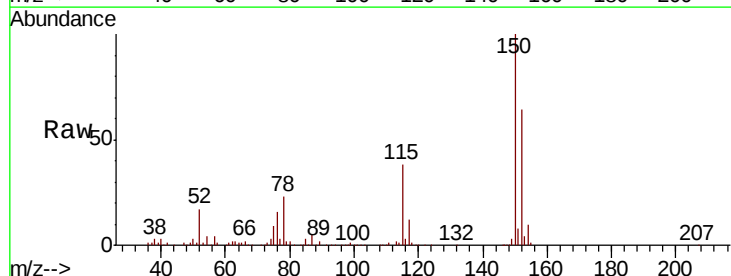


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

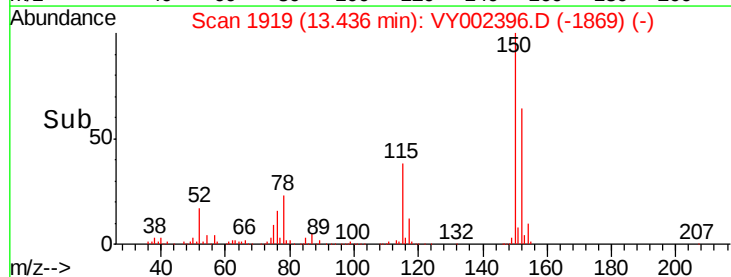
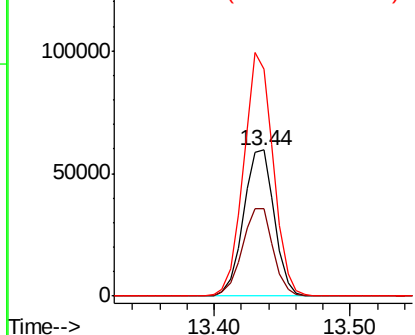


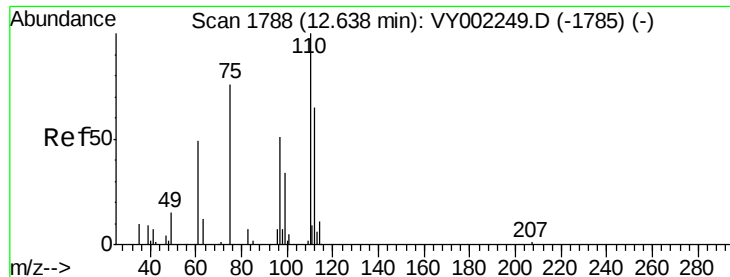
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002396.D
Acq: 17 Apr 2020 14:07

Tgt Ion:152 Resp: 93856
Ion Ratio Lower Upper
152 100
115 60.0 30.7 92.1
150 160.0 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

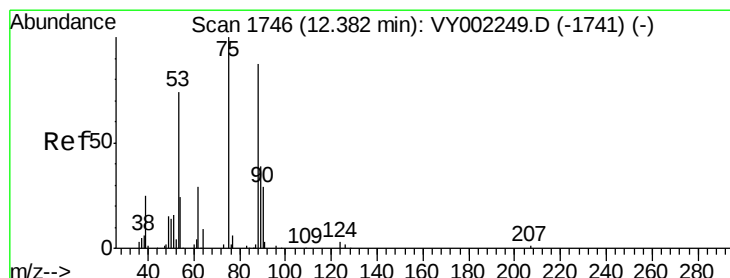
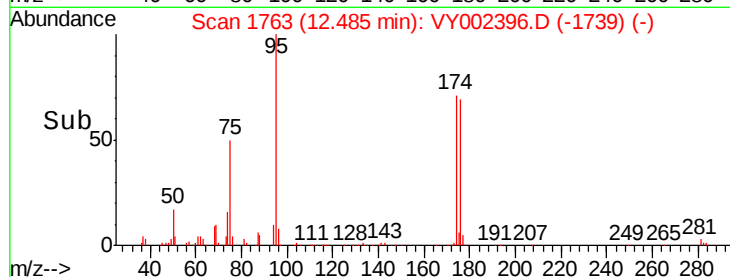
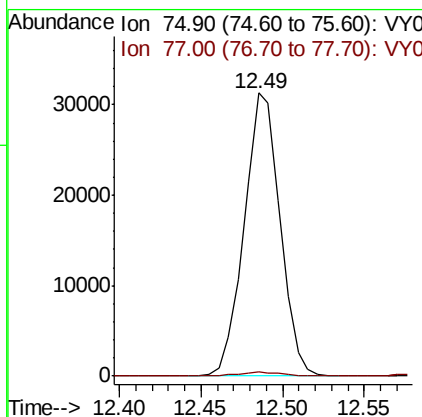
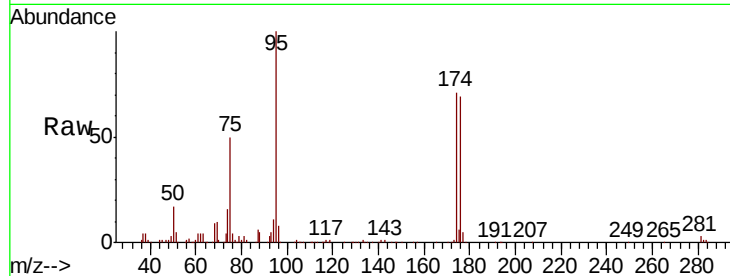




#76
 1,2,3-Trichloropropane
 Concen: 43.999 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.15 min
 Lab File: VY002396.D
 Acq: 17 Apr 2020 14:07

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 75 Resp: 47953
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.577 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.10 min
 Lab File: VY002396.D
 Acq: 17 Apr 2020 14:07

Tgt Ion: 75 Resp: 47953
 Ion Ratio Lower Upper
 75 100
 53 0.0 59.8 89.8#
 89 0.0 37.0 55.6#

