

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122419\
 Data File : VY001056.D
 Acq On : 24 Dec 2019 18:14
 Operator : SY/MD
 Sample : K6414-03
 Misc : 7.92G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 K183-SB-03

Quant Time: Dec 25 01:40:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 12:07:44 2019
 Response via : Initial Calibration

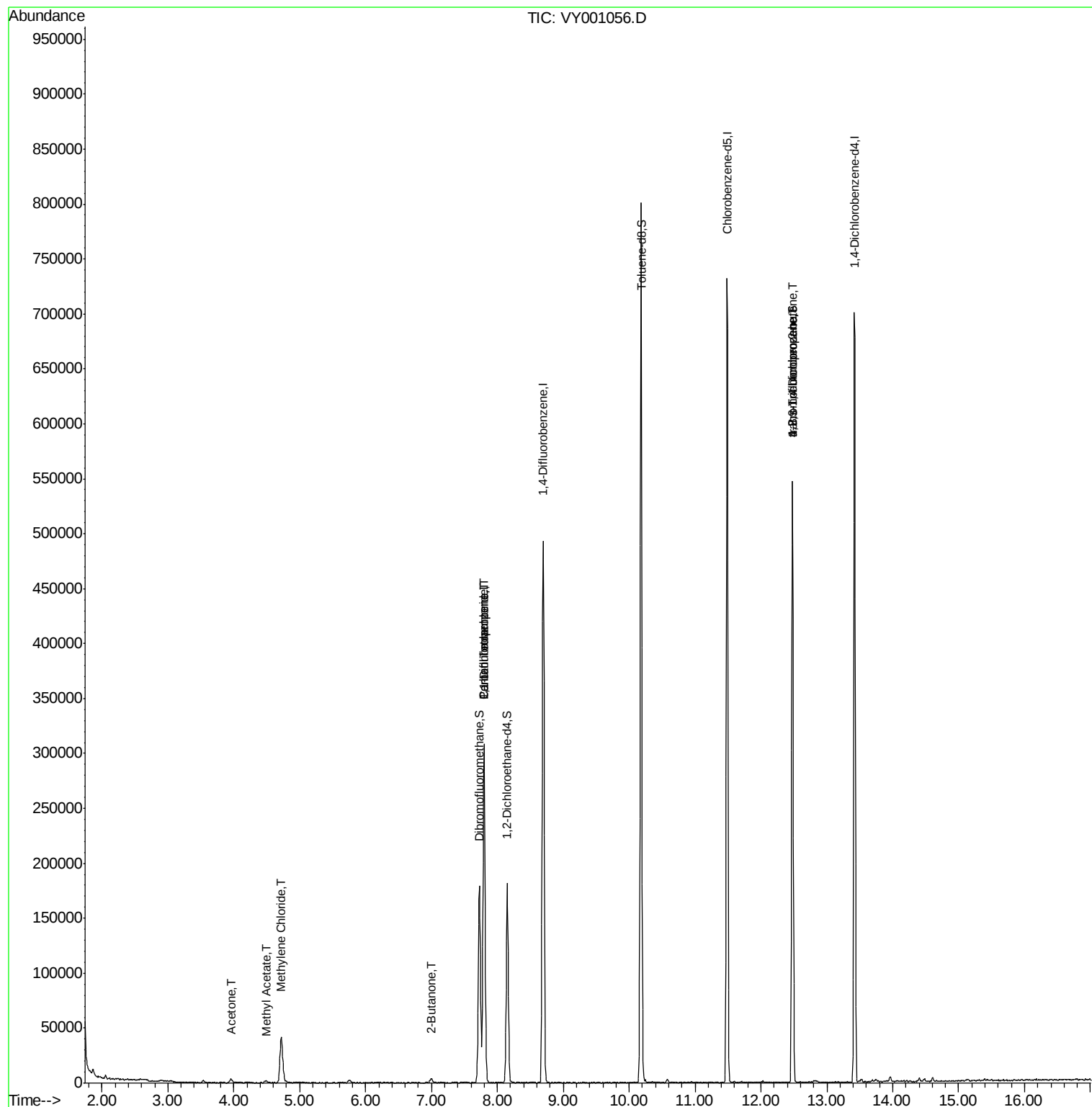
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	234720	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	441678	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	400769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	175619	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	129629	56.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.00%	
35) Dibromofluoromethane	7.73	113	127477	49.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.02%	
50) Toluene-d8	10.18	98	523176	51.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.94%	
62) 4-Bromofluorobenzene	12.48	95	171586	46.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.34%	
Target Compounds						
					Qvalue	
16) Acetone	3.96	43	5046	9.462	ug/l #	77
18) Methyl Acetate	4.49	43	3696	1.806	ug/l #	86
20) Methylene Chloride	4.72	84	31718	10.104	ug/l	90
25) 2-Butanone	7.00	43	1326	1.415	ug/l #	46
36) 1,1-Dichloropropene	7.80	75	18948	4.497	ug/l #	48
38) Carbon Tetrachloride	7.80	117	23459	6.355	ug/l #	18
76) 1,2,3-Trichloropropane	12.48	75	85406	39.448	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	85406	84.134	ug/l #	19

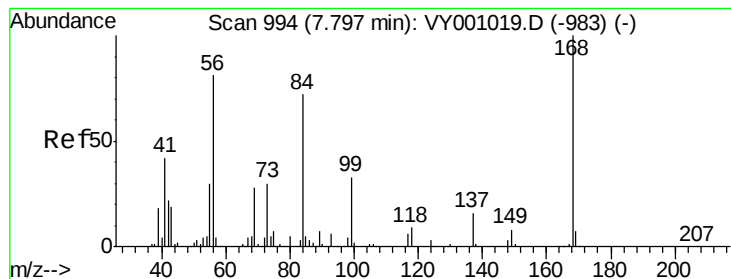
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY122419\
Data File : VY001056.D
Acq On : 24 Dec 2019 18:14
Operator : SY/MD
Sample : K6414-03
Misc : 7.92G/5ML/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
K183-SB-03

Quant Time: Dec 25 01:40:04 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
Quant Title : SW846 8260
QLast Update : Mon Dec 23 12:07:44 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY001056.D

Acq: 24 Dec 2019 18:14

Instrument :

MSVOA_Y

ClientSampleId :

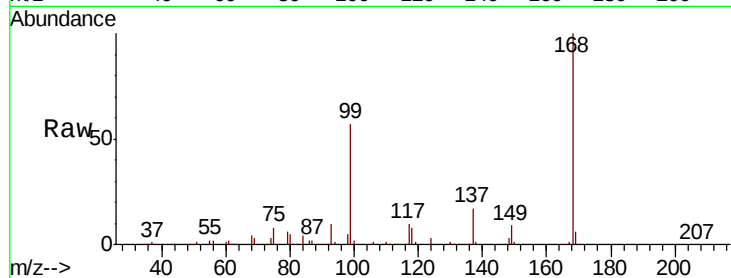
K183-SB-03

Tgt Ion:168 Resp: 234720

Ion Ratio Lower Upper

168 100

99 56.9 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VY001019.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001019.D (-983) (-)

7.80

120000

100000

80000

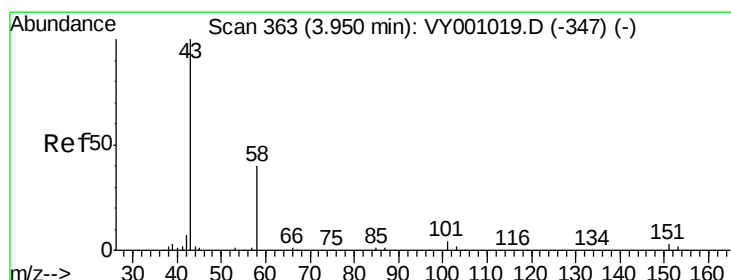
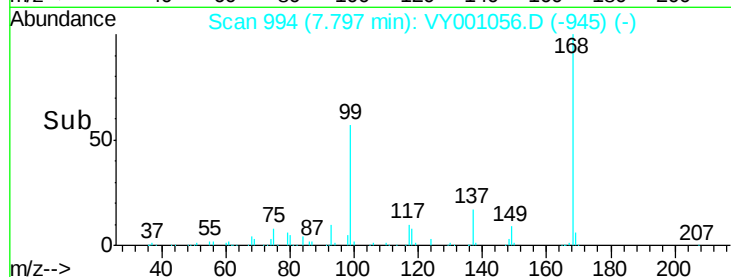
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 9.462 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY001056.D

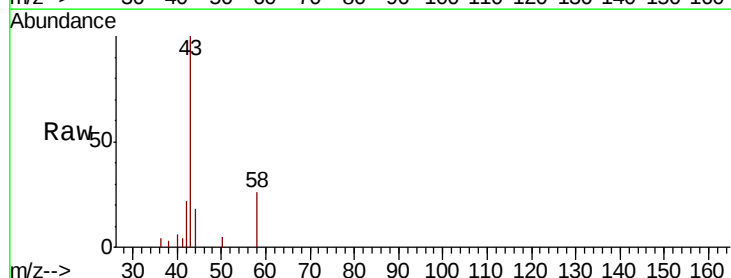
Acq: 24 Dec 2019 18:14

Tgt Ion: 43 Resp: 5046

Ion Ratio Lower Upper

43 100

58 25.7 32.1 48.1#



Abundance Ion 43.00 (42.70 to 43.70): VY001019.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY001019.D (-347) (-)

3.96

2500

2000

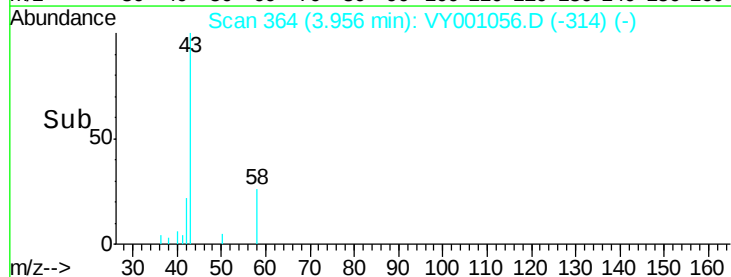
1500

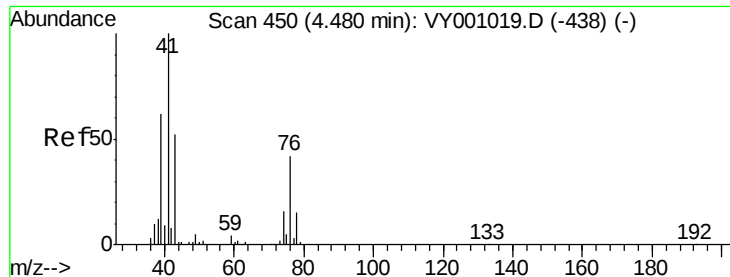
1000

500

0

Time-->

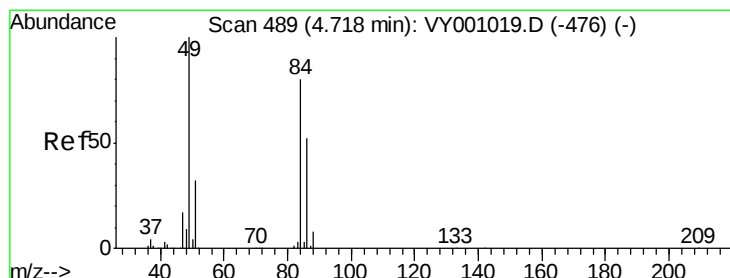
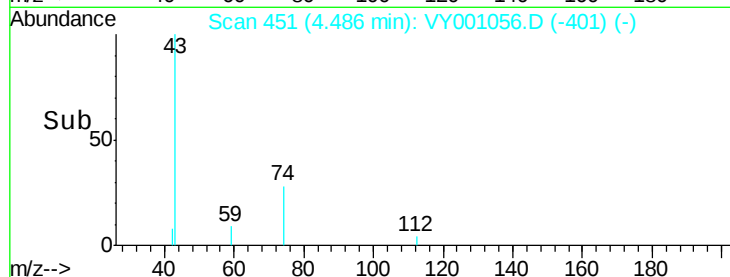
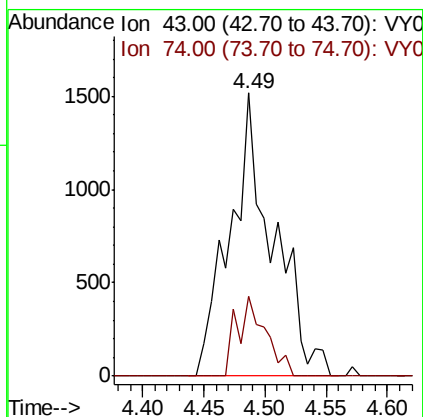
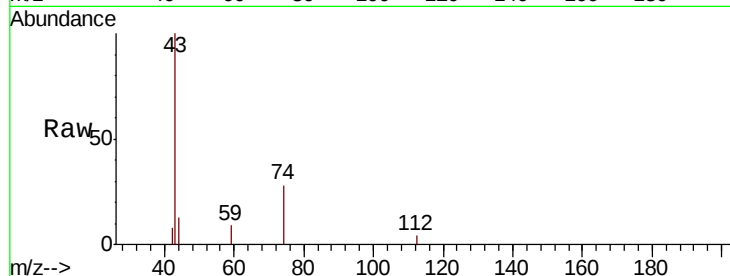




#18
Methyl Acetate
Concen: 1.806 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY001056.D
Acq: 24 Dec 2019 18:14

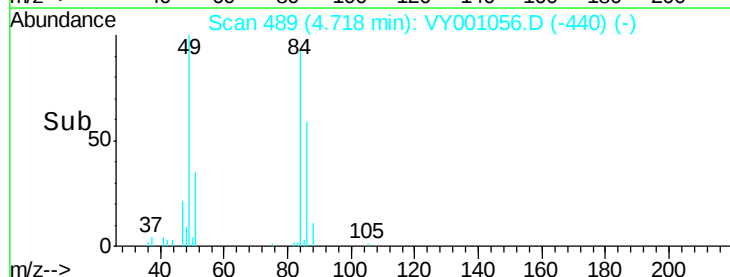
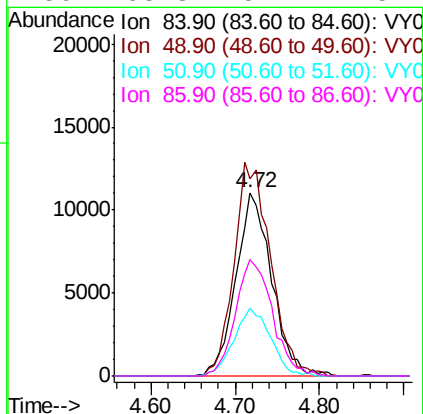
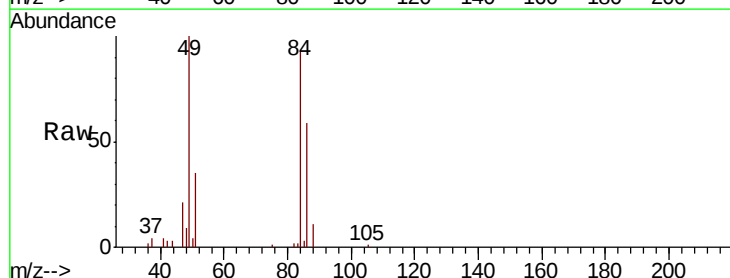
Instrument :
MSVOA_Y
ClientSampleId :
K183-SB-03

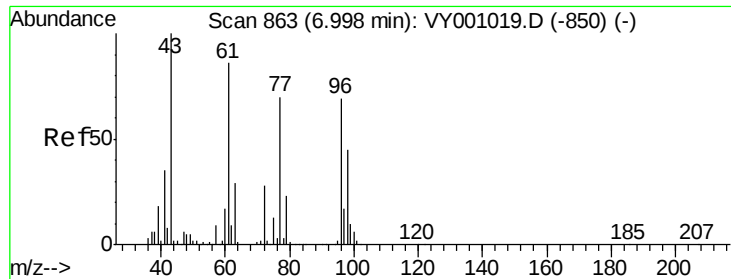
Tgt Ion: 43 Resp: 3696
Ion Ratio Lower Upper
43 100
74 18.7 20.7 31.1#



#20
Methylene Chloride
Concen: 10.104 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY001056.D
Acq: 24 Dec 2019 18:14

Tgt Ion: 84 Resp: 31718
Ion Ratio Lower Upper
84 100
49 107.4 99.8 149.6
51 37.1 31.4 47.2
86 63.3 52.2 78.2





#25

2-Butanone

Concen: 1.415 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY001056.D

Acq: 24 Dec 2019 18:14

Instrument :

MSVOA_Y

ClientSampled :

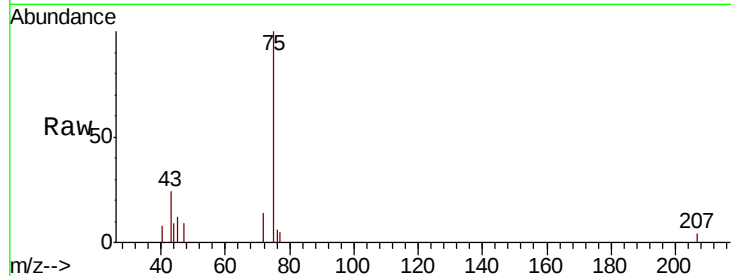
K183-SB-03

Tgt Ion: 43 Resp: 1326

Ion Ratio Lower Upper

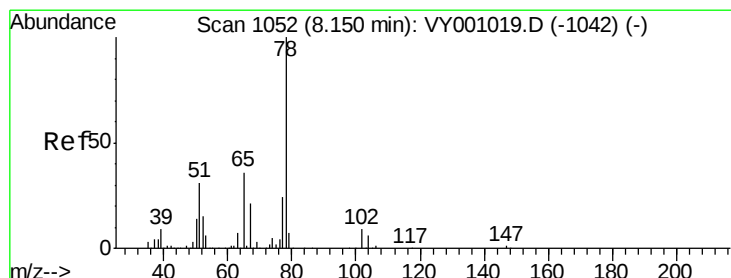
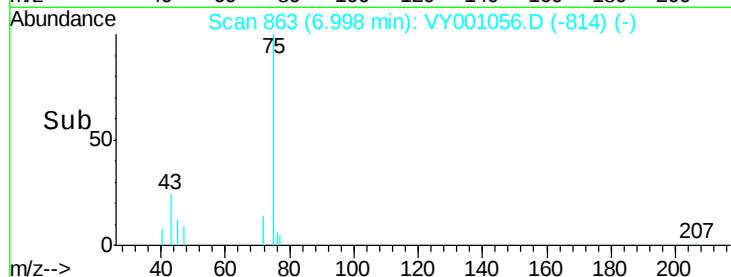
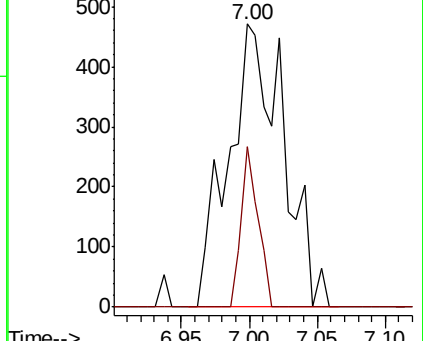
43 100

72 56.5 22.4 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 55.996 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY001056.D

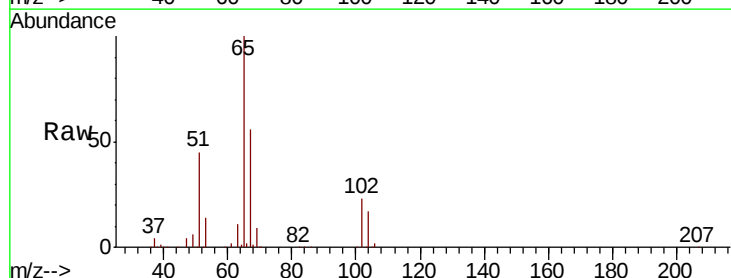
Acq: 24 Dec 2019 18:14

Tgt Ion: 65 Resp: 129629

Ion Ratio Lower Upper

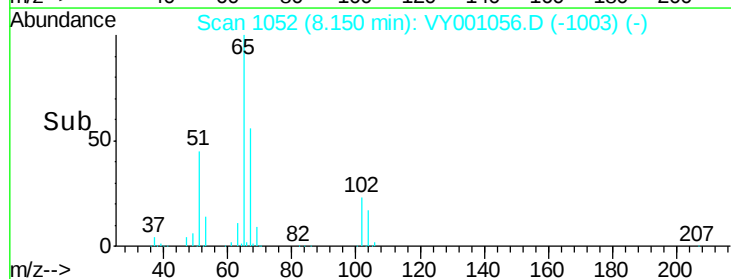
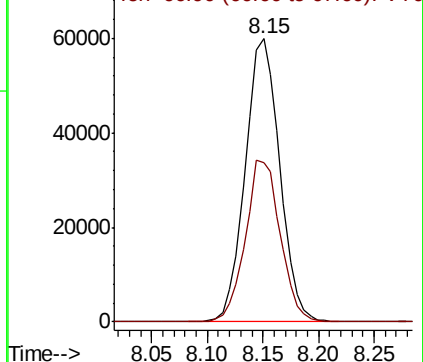
65 100

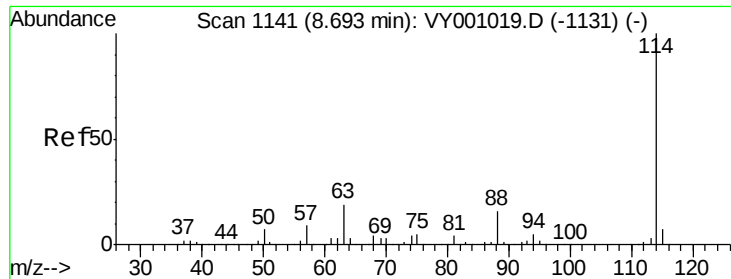
67 57.6 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

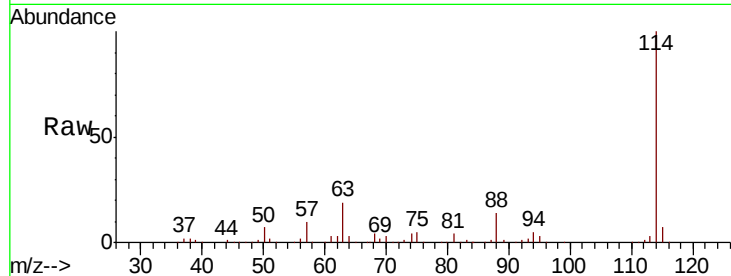




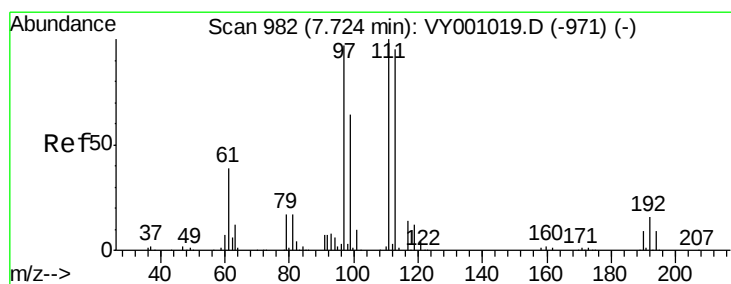
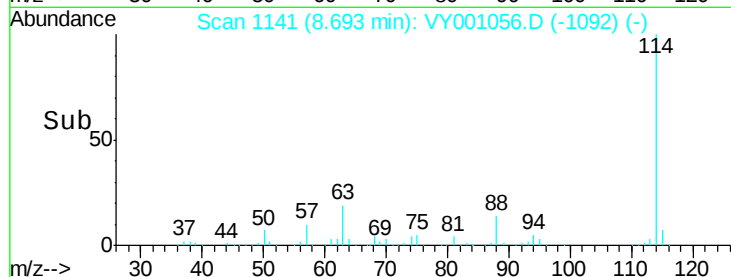
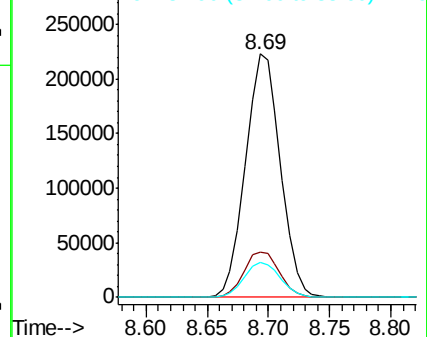
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VY001056.D
Acq: 24 Dec 2019 18:14

Instrument :
MSVOA_Y
ClientSampleId :
K183-SB-03

Tgt Ion:114 Resp: 441678
Ion Ratio Lower Upper
114 100
63 18.7 0.0 37.0
88 14.3 0.0 32.0

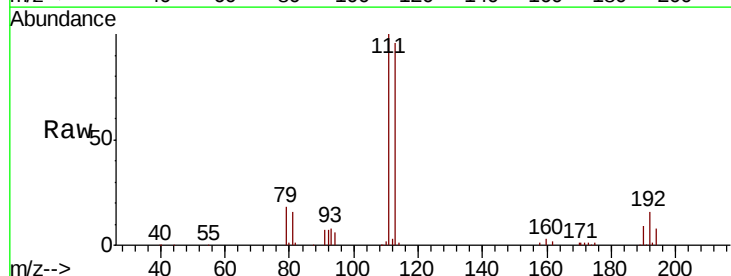


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0

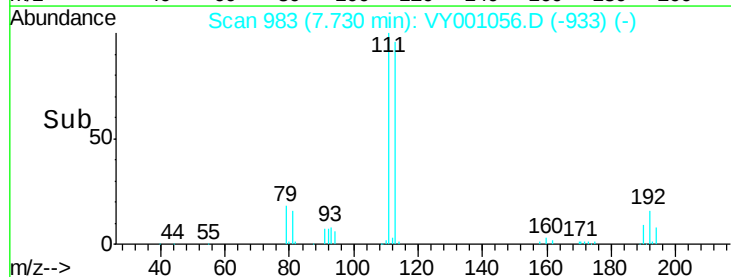
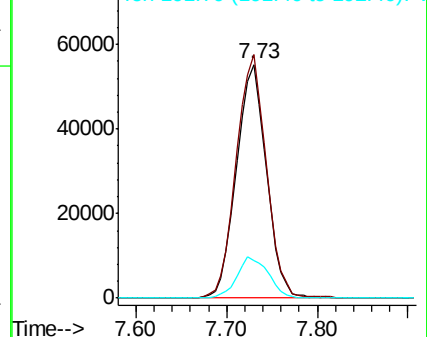


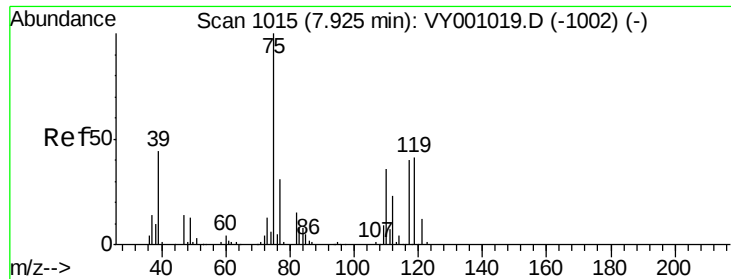
#35
Dibromofluoromethane
Concen: 49.014 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.01 min
Lab File: VY001056.D
Acq: 24 Dec 2019 18:14

Tgt Ion:113 Resp: 127477
Ion Ratio Lower Upper
113 100
111 104.2 83.0 124.4
192 18.3 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

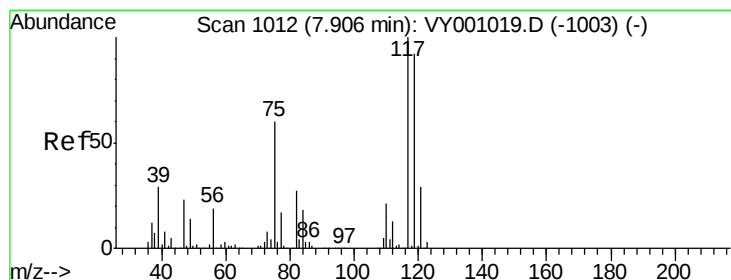
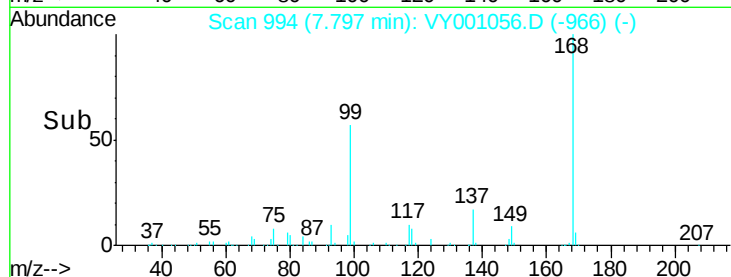
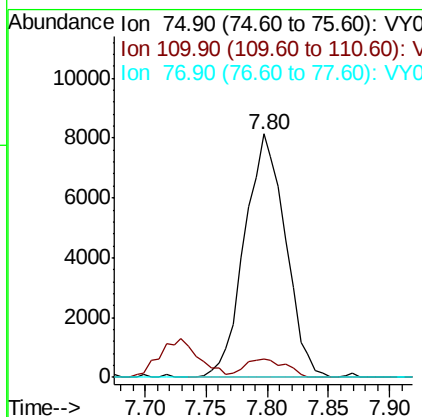
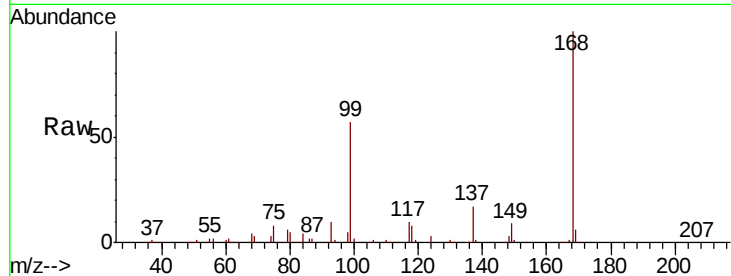




#36
 1,1-Dichloropropene
 Concen: 4.497 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY001056.D
 Acq: 24 Dec 2019 18:14

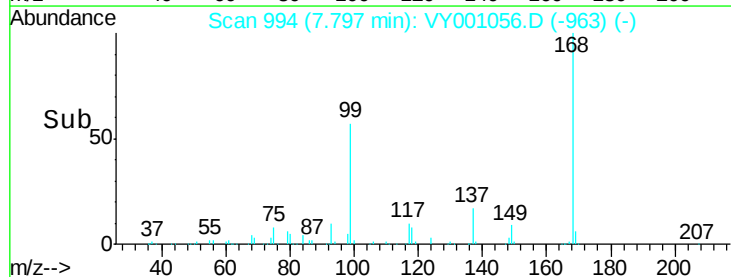
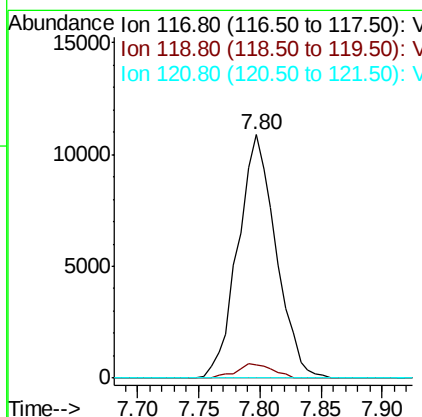
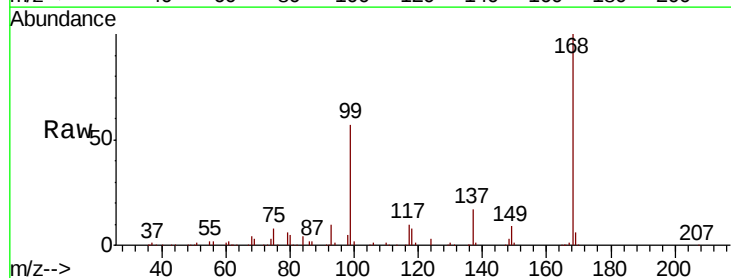
Instrument :
 MSVOA_Y
 ClientSampleId :
 K183-SB-03

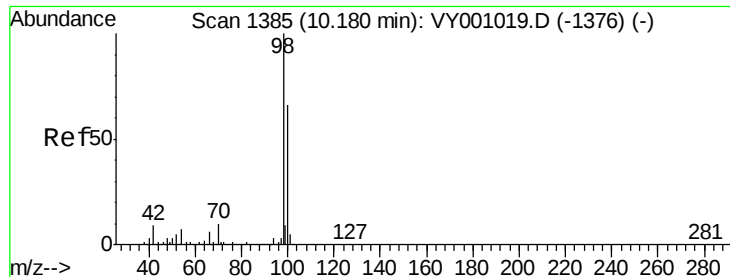
Tgt Ion: 75 Resp: 18948
 Ion Ratio Lower Upper
 75 100
 110 7.6 18.1 54.4#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 6.355 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.11 min
 Lab File: VY001056.D
 Acq: 24 Dec 2019 18:14

Tgt Ion: 117 Resp: 23459
 Ion Ratio Lower Upper
 117 100
 119 5.6 74.2 111.2#
 121 0.0 22.9 34.3#





#50

Toluene-d8

Concen: 51.473 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001056.D

Acq: 24 Dec 2019 18:14

Instrument :

MSVOA_Y

ClientSampleId :

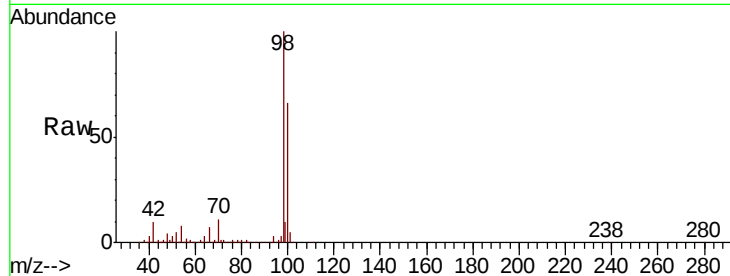
K183-SB-03

Tgt Ion: 98 Resp: 523176

Ion Ratio Lower Upper

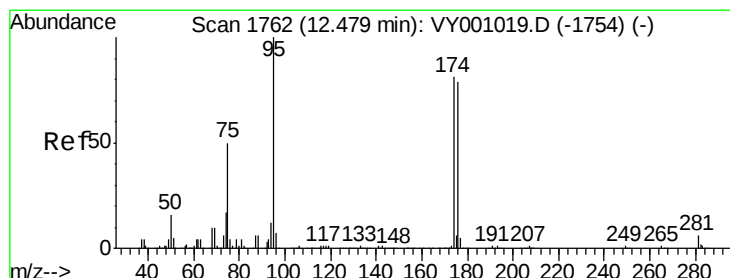
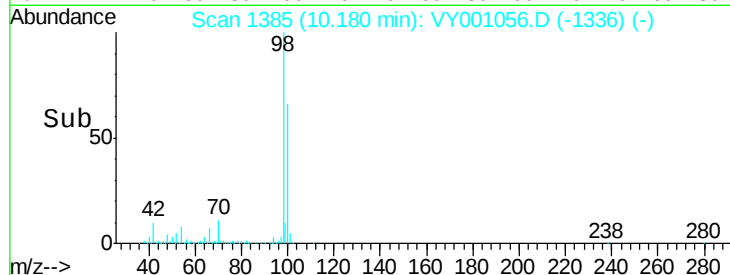
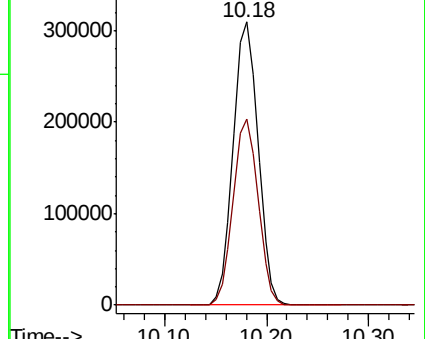
98 100

100 65.9 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 46.173 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY001056.D

Acq: 24 Dec 2019 18:14

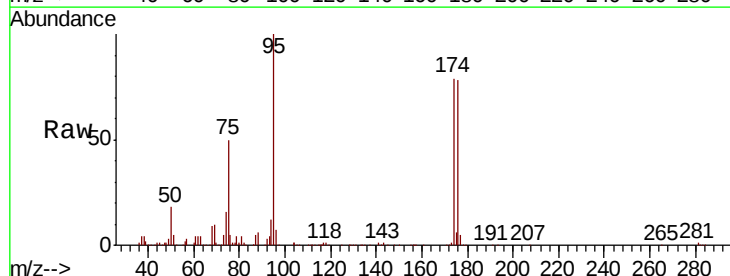
Tgt Ion: 95 Resp: 171586

Ion Ratio Lower Upper

95 100

174 77.4 0.0 156.4

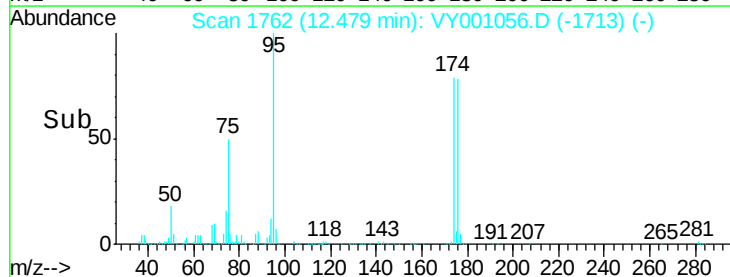
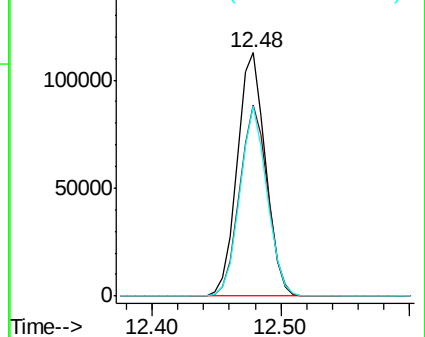
176 74.6 0.0 155.0

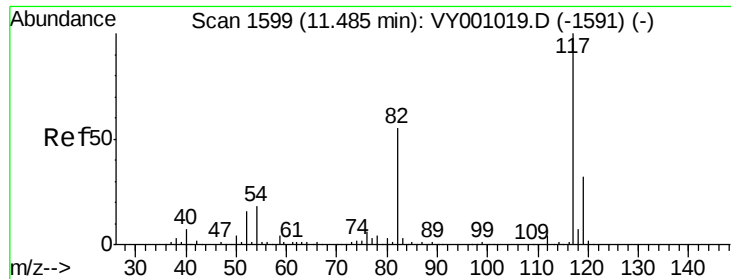


Abundance Ion 94.90 (94.60 to 95.60): VY0

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: 11.49 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VY001056.D

Acq: 24 Dec 2019 18:14

Instrument :

MSVOA_Y

ClientSampleId :

K183-SB-03

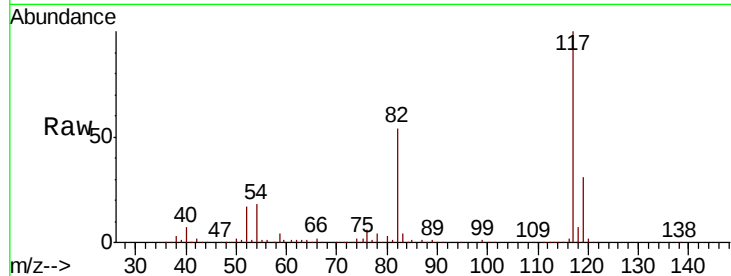
Tgt Ion:117 Resp: 400769

Ion Ratio Lower Upper

117 100

82 54.1 43.8 65.8

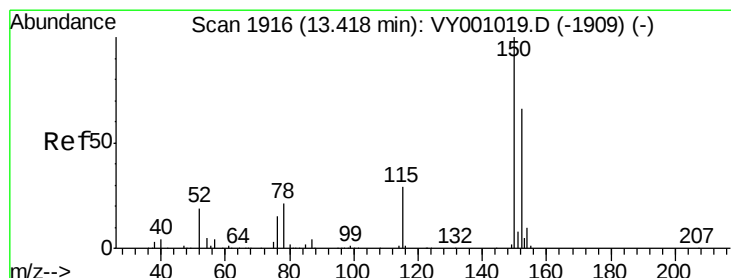
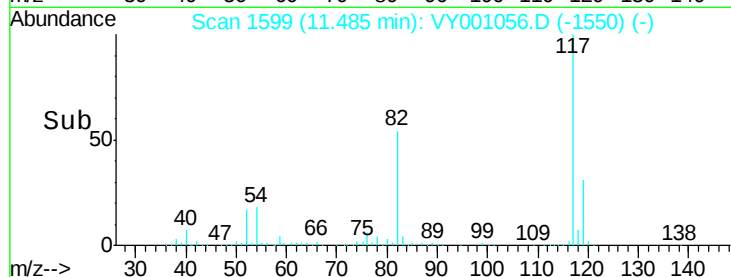
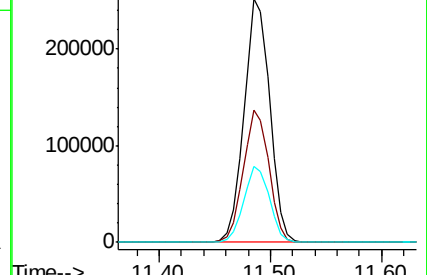
119 31.3 25.8 38.6



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: 13.42 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VY001056.D

Acq: 24 Dec 2019 18:14

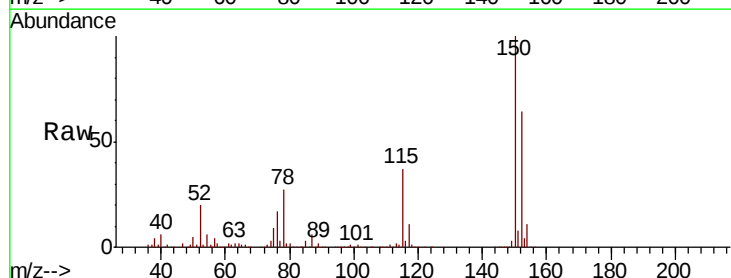
Tgt Ion:152 Resp: 175619

Ion Ratio Lower Upper

152 100

115 58.9 29.8 89.3

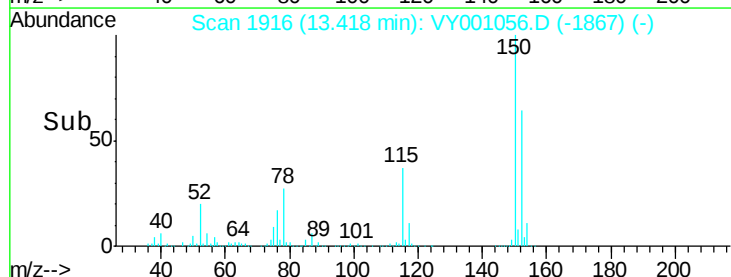
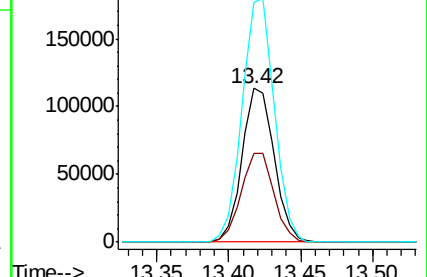
150 158.6 0.0 352.6

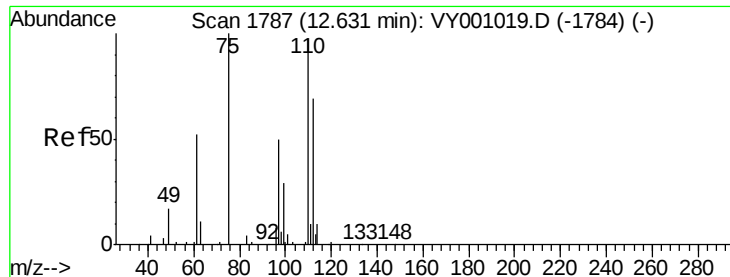


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

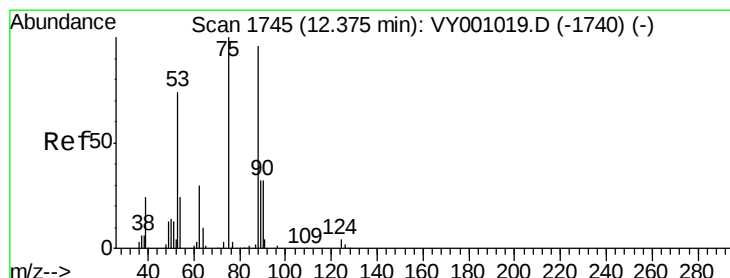
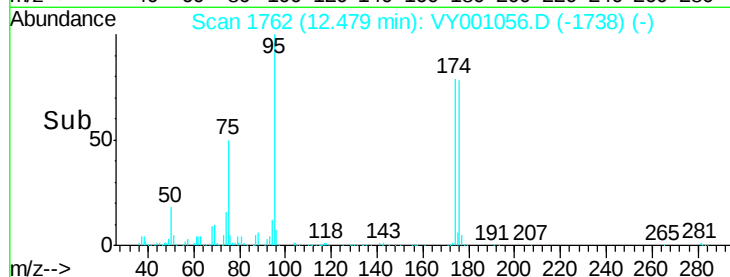
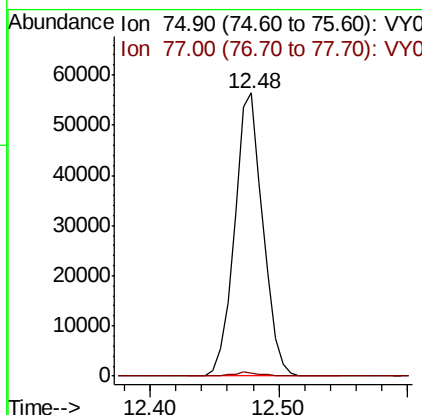
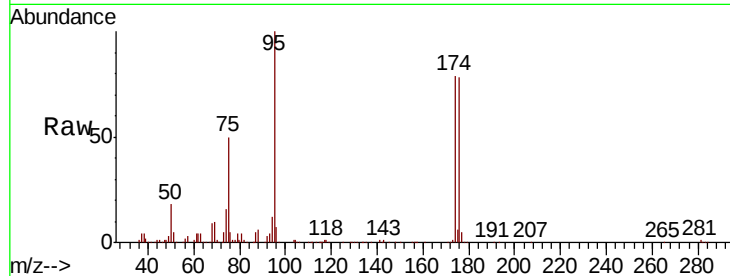




#76
 1,2,3-Trichloropropane
 Concen: 39.448 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.15 min
 Lab File: VY001056.D
 Acq: 24 Dec 2019 18:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 K183-SB-03

Tgt Ion: 75 Resp: 85406
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.134 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.10 min
 Lab File: VY001056.D
 Acq: 24 Dec 2019 18:14

Tgt Ion: 75 Resp: 85406
 Ion Ratio Lower Upper
 75 100
 53 0.0 60.6 91.0#
 89 0.0 35.4 53.0#

