

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122419\
 Data File : VY001058.D
 Acq On : 24 Dec 2019 18:59
 Operator : SY/MD
 Sample : K6414-05
 Misc : 6.45G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 K183-SB-05

Quant Time: Dec 25 01:40:27 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

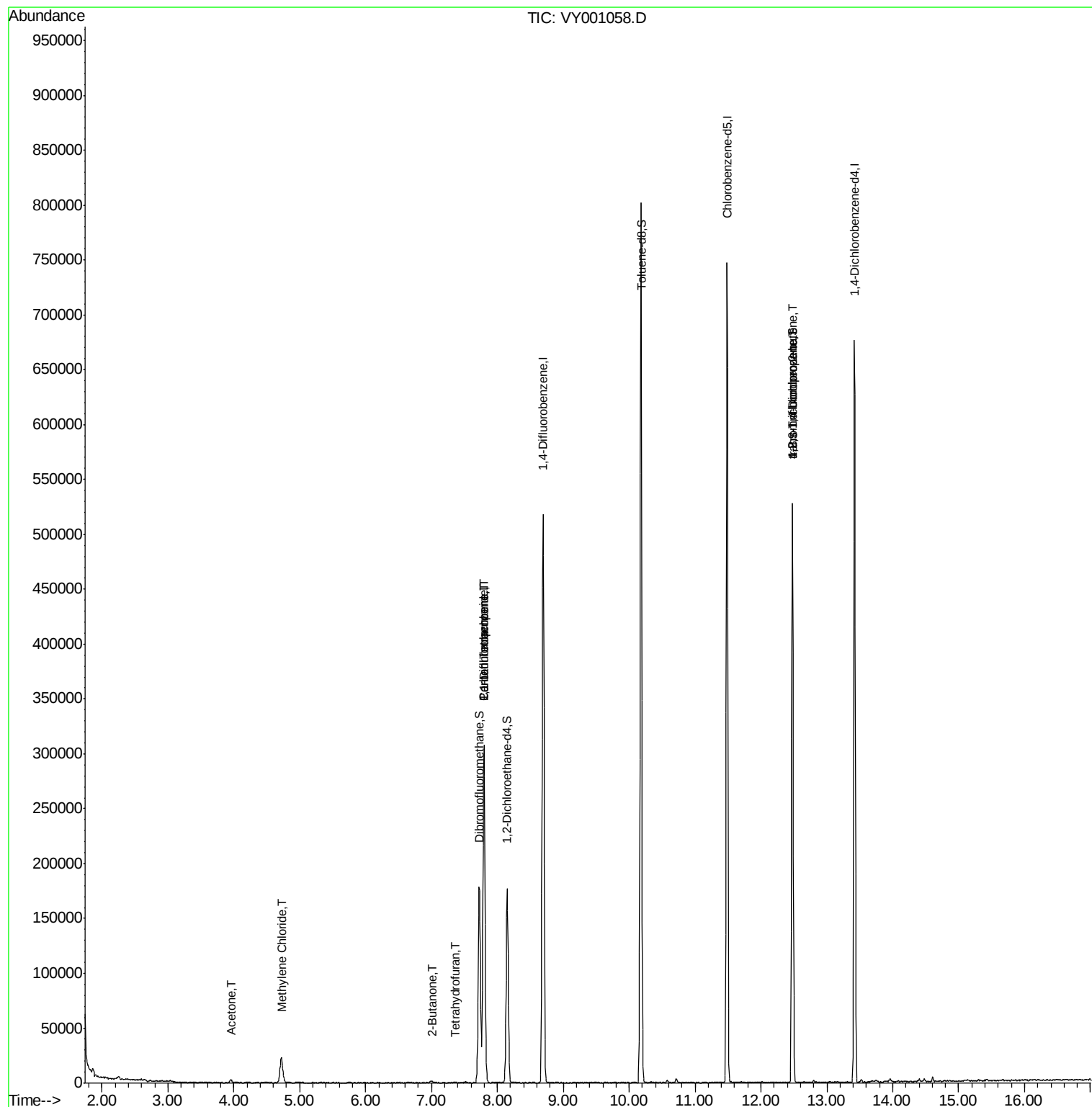
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	234904	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	451045	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	400411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	166410	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	131227	56.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.28%	
35) Dibromofluoromethane	7.73	113	130681	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
50) Toluene-d8	10.18	98	533124	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	
62) 4-Bromofluorobenzene	12.48	95	167629	44.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.34%	
Target Compounds						
					Qvalue	
16) Acetone	3.95	43	4026	7.543	ug/l #	76
20) Methylene Chloride	4.73	84	16649	5.300	ug/l	89
25) 2-Butanone	7.01	43	1168	1.246	ug/l #	47
29) Tetrahydrofuran	7.36	42	673	1.009	ug/l #	57
36) 1,1-Dichloropropene	7.80	75	18319	4.257	ug/l #	48
38) Carbon Tetrachloride	7.80	117	23100	6.127	ug/l #	19
76) 1,2,3-Trichloropropane	12.48	75	83568	40.735	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	83568	86.879	ug/l #	19

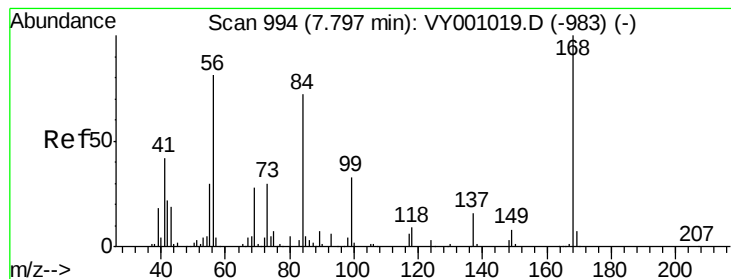
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY122419\
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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: VY001058.D

Acq: 24 Dec 2019 18:59

Instrument :

MSVOA_Y

ClientSampleId :

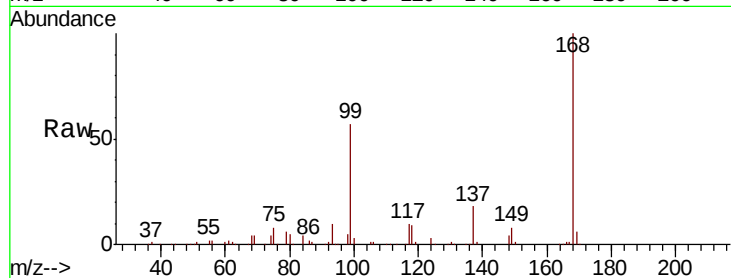
K183-SB-05

Tgt Ion:168 Resp: 234904

Ion Ratio Lower Upper

168 100

99 57.1 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

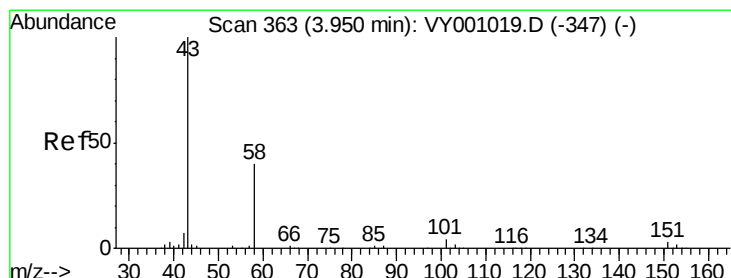
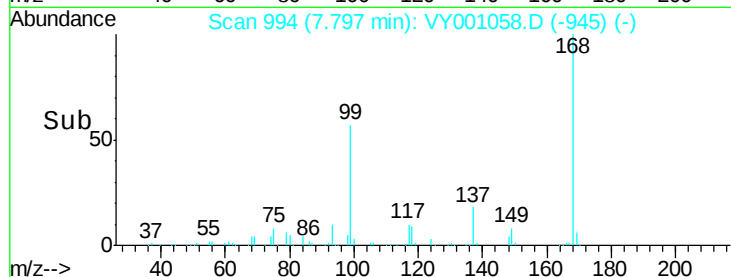
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 7.543 ug/l

RT: 3.95 min Scan# 363

Delta R.T. 0.00 min

Lab File: VY001058.D

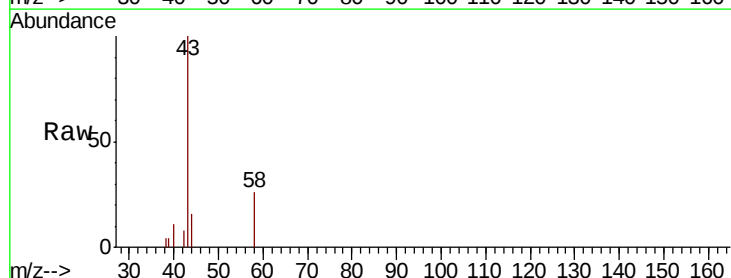
Acq: 24 Dec 2019 18:59

Tgt Ion: 43 Resp: 4026

Ion Ratio Lower Upper

43 100

58 25.5 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) (-)

3.95

2000

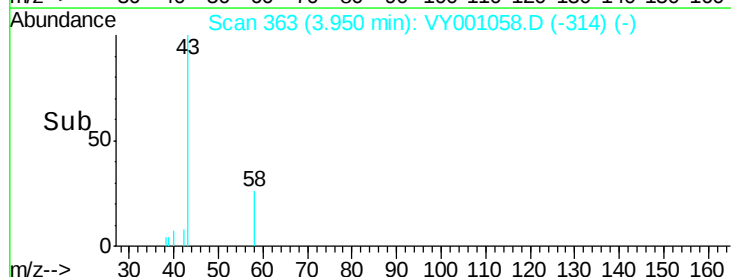
1500

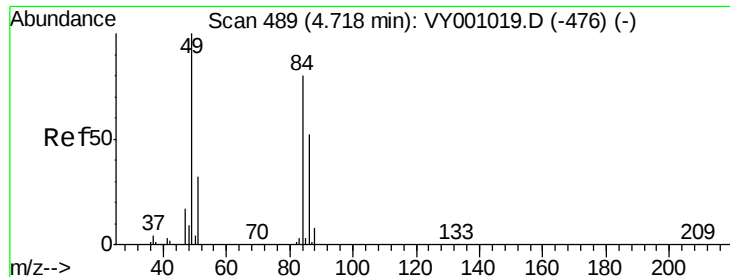
1000

500

0

Time-->

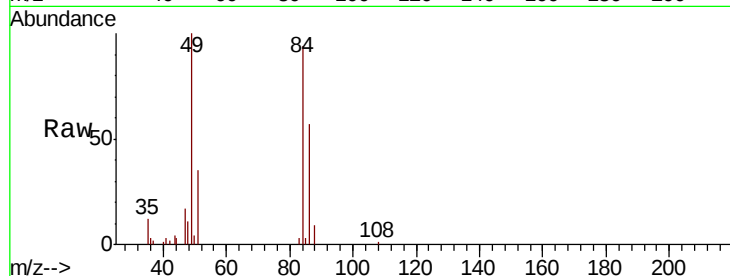




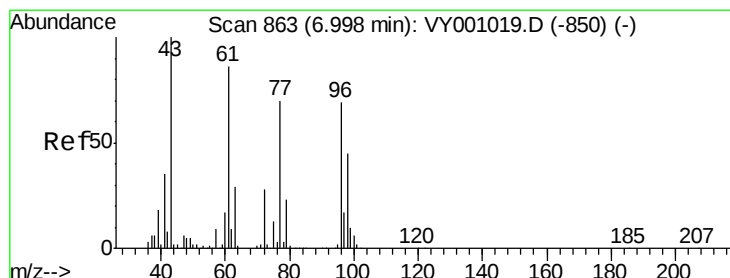
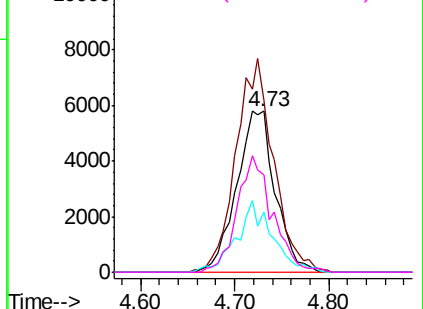
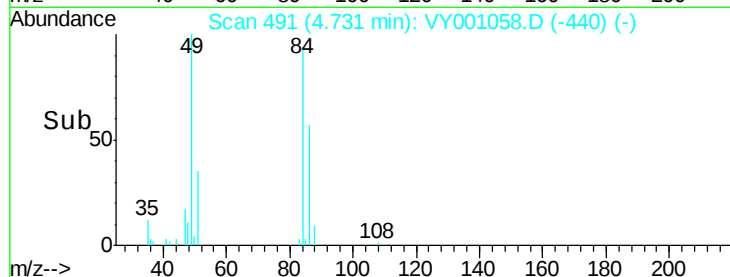
#20
Methylene Chloride
Concen: 5.300 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY001058.D
Acq: 24 Dec 2019 18:59

Instrument :
MSVOA_Y
ClientSampleId :
K183-SB-05

Tgt Ion: 84 Resp: 16649
Ion Ratio Lower Upper
84 100
49 106.4 99.8 149.6
51 37.7 31.4 47.2
86 60.7 52.2 78.2

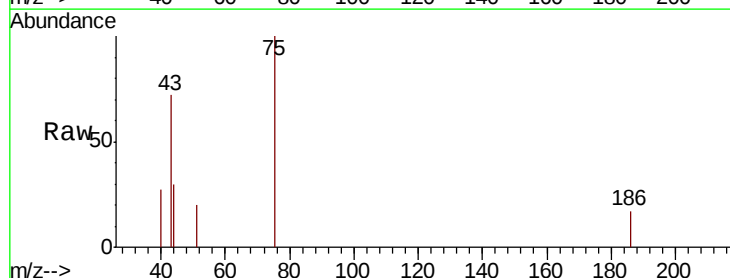


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

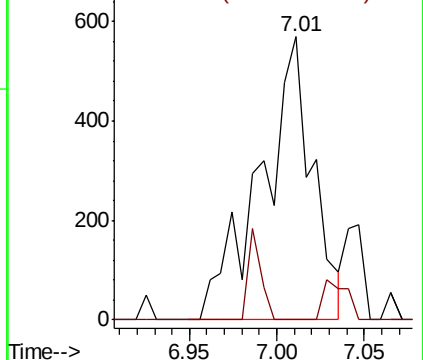
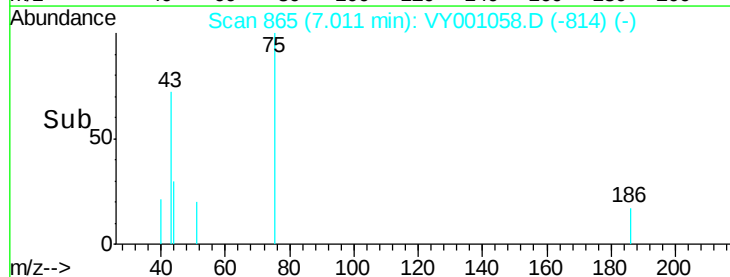


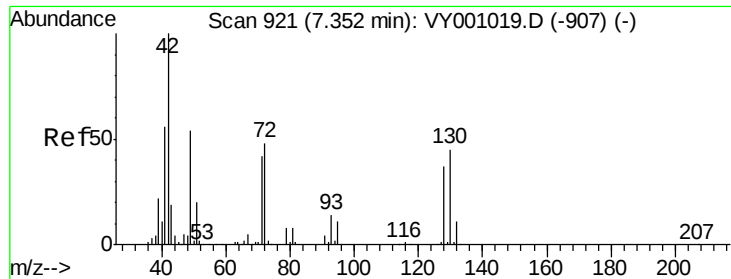
#25
2-Butanone
Concen: 1.246 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.01 min
Lab File: VY001058.D
Acq: 24 Dec 2019 18:59

Tgt Ion: 43 Resp: 1168
Ion Ratio Lower Upper
43 100
72 0.0 22.4 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0

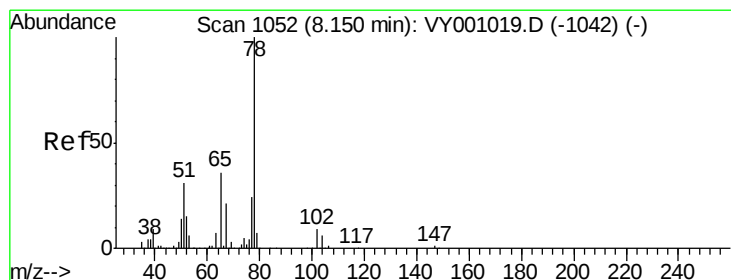
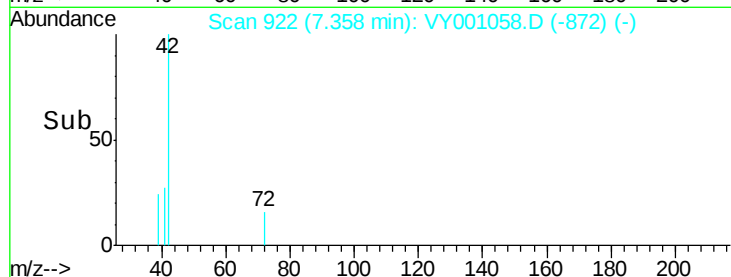
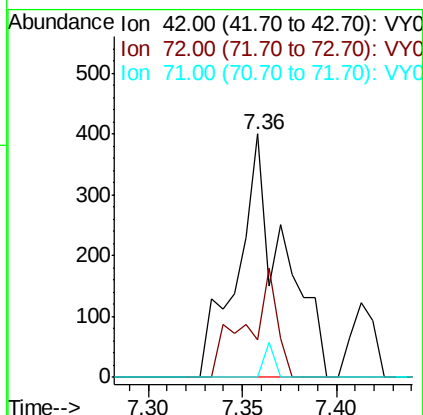
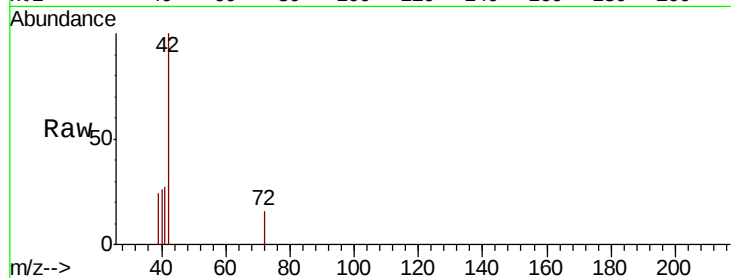




#29
Tetrahydrofuran
Concen: 1.009 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY001058.D
Acq: 24 Dec 2019 18:59

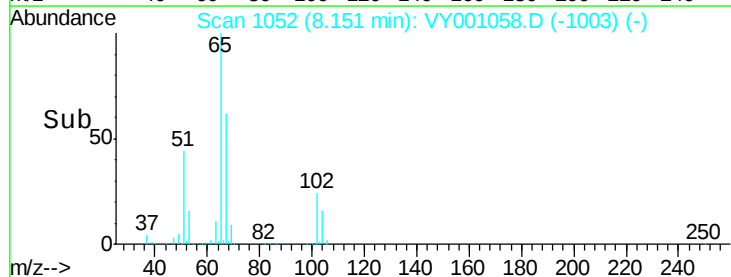
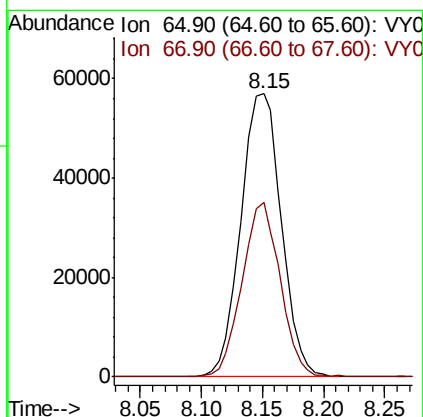
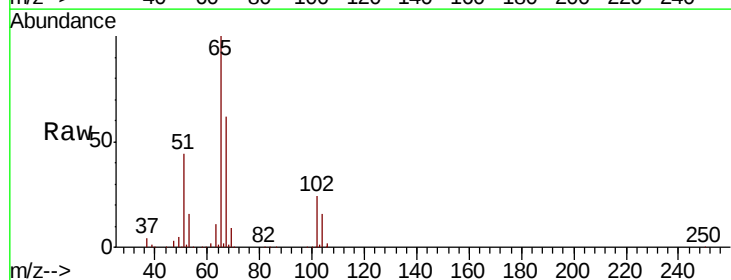
Instrument :
MSVOA_Y
ClientSampleId :
K183-SB-05

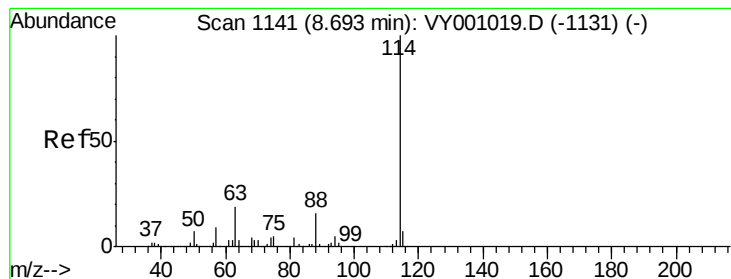
Tgt Ion: 42 Resp: 673
Ion Ratio Lower Upper
42 100
72 29.9 37.7 56.5#
71 3.1 34.6 51.8#



#33
1,2-Dichloroethane-d4
Concen: 56.641 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY001058.D
Acq: 24 Dec 2019 18:59

Tgt Ion: 65 Resp: 131227
Ion Ratio Lower Upper
65 100
67 58.2 0.0 112.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY001058.D

Acq: 24 Dec 2019 18:59

Instrument :

MSVOA_Y

ClientSampleId :

K183-SB-05

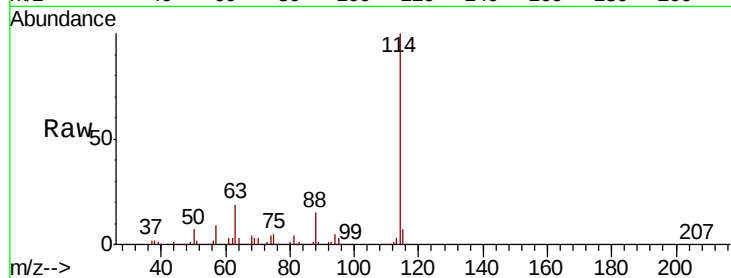
Tgt Ion:114 Resp: 451045

Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.0

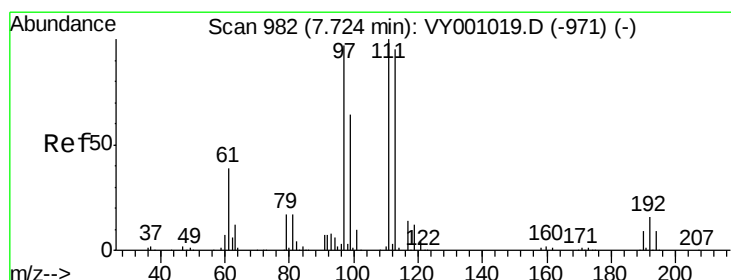
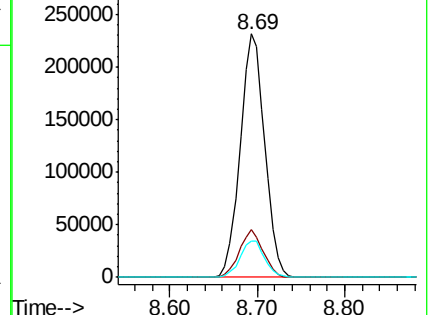
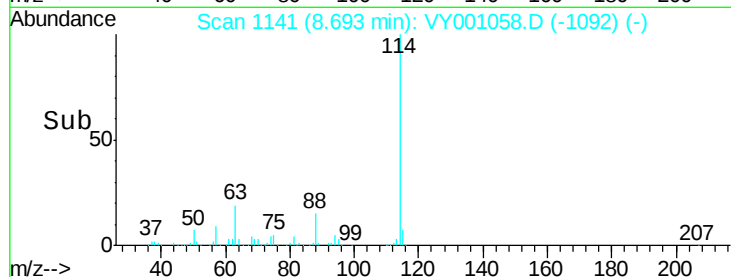
88 14.7 0.0 32.0



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: 49.202 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001058.D

Acq: 24 Dec 2019 18:59

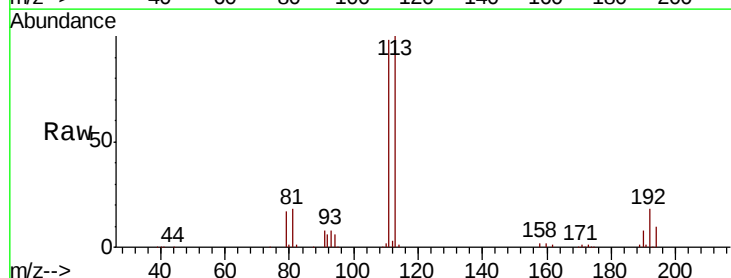
Tgt Ion:113 Resp: 130681

Ion Ratio Lower Upper

113 100

111 101.8 83.0 124.4

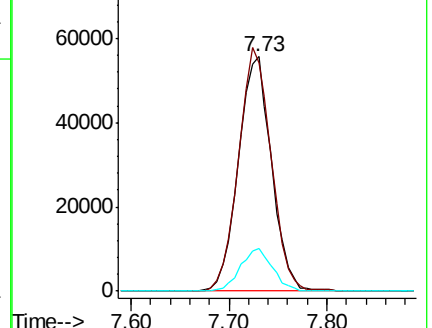
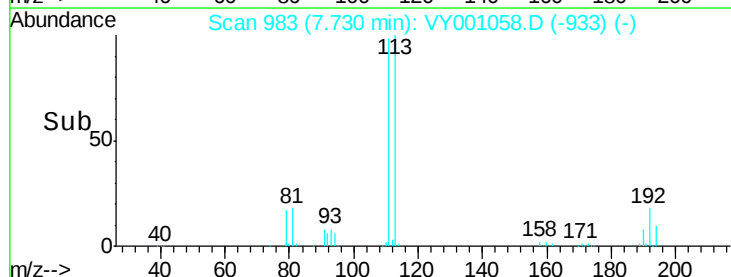
192 17.6 14.6 21.8

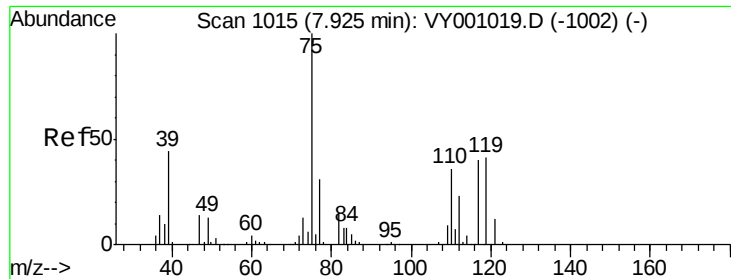


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.257 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY001058.D

Acq: 24 Dec 2019 18:59

Instrument :

MSVOA_Y

ClientSampled :

K183-SB-05

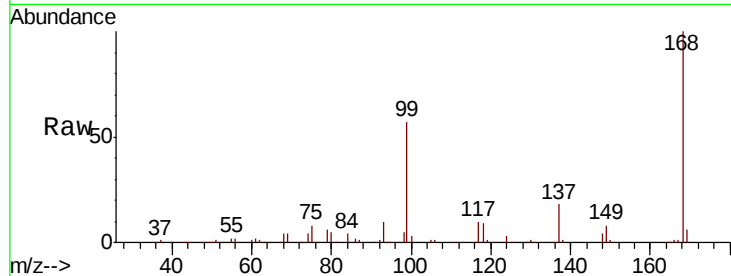
Tgt Ion: 75 Resp: 18319

Ion Ratio Lower Upper

75 100

110 7.5 18.1 54.4#

77 0.0 24.6 37.0#

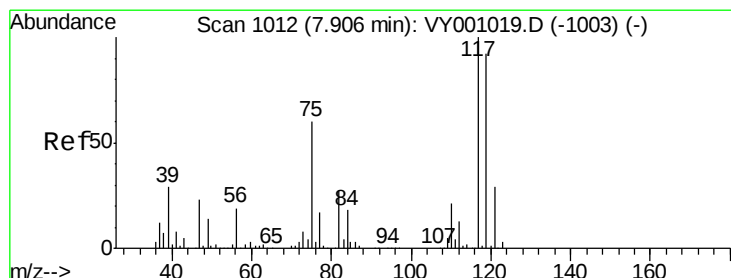
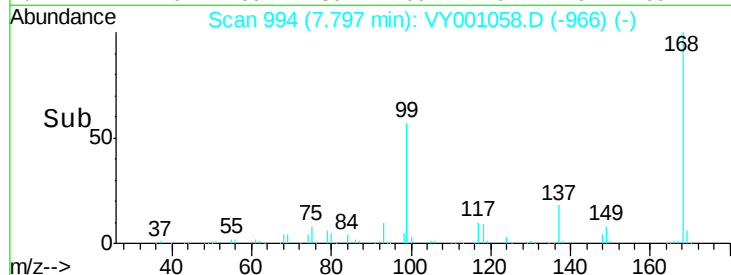


Abundance Ion 74.90 (74.60 to 75.60): VY001019.D (-1002) (-)

Ion 109.90 (109.60 to 110.60): VY001019.D (-1002) (-)

Ion 76.90 (76.60 to 77.60): VY001019.D (-1002) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 6.127 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY001058.D

Acq: 24 Dec 2019 18:59

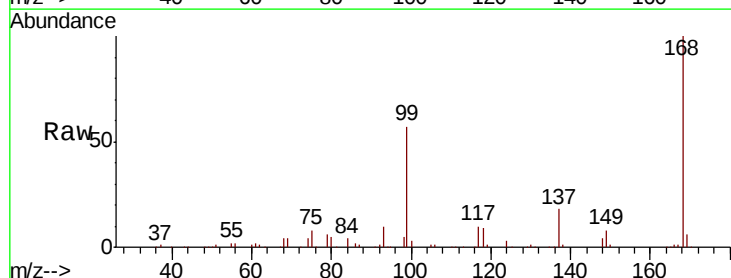
Tgt Ion: 117 Resp: 23100

Ion Ratio Lower Upper

117 100

119 7.4 74.2 111.2#

121 0.0 22.9 34.3#

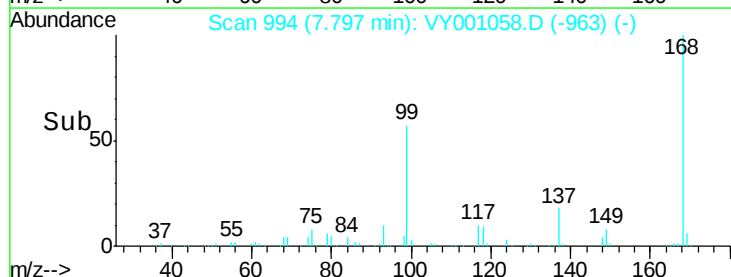


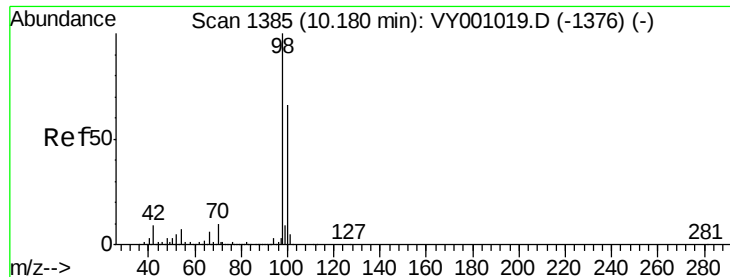
Abundance Ion 116.80 (116.50 to 117.50): VY001019.D (-1003) (-)

Ion 118.80 (118.50 to 119.50): VY001019.D (-1003) (-)

Ion 120.80 (120.50 to 121.50): VY001019.D (-1003) (-)

Time-->





#50

Toluene-d8

Concen: 51.363 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001058.D

Acq: 24 Dec 2019 18:59

Instrument :

MSVOA_Y

ClientSampleId :

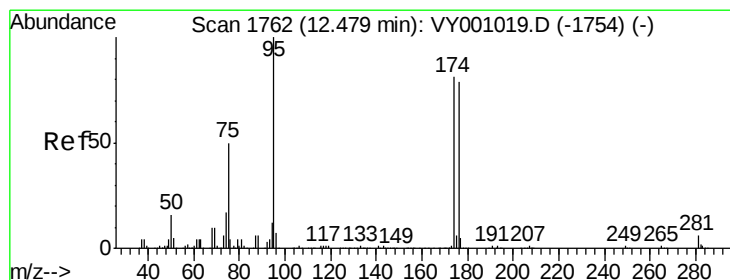
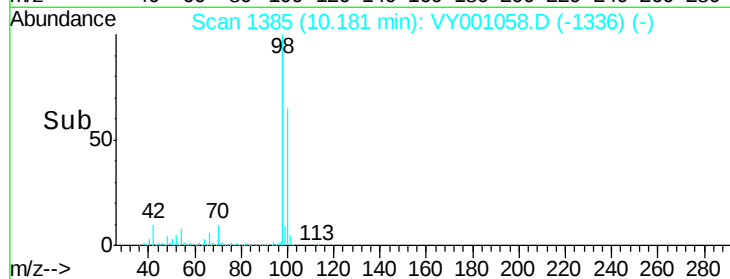
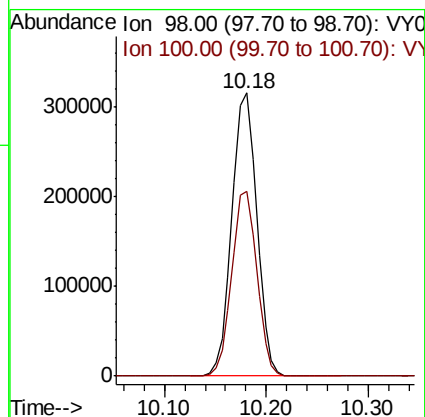
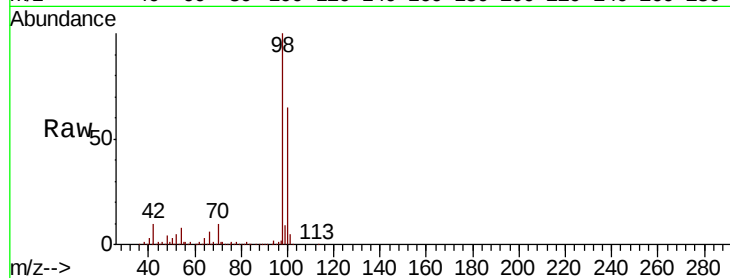
K183-SB-05

Tgt Ion: 98 Resp: 533124

Ion Ratio Lower Upper

98 100

100 65.6 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 44.171 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY001058.D

Acq: 24 Dec 2019 18:59

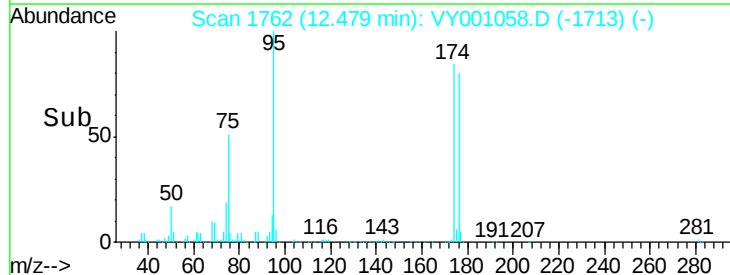
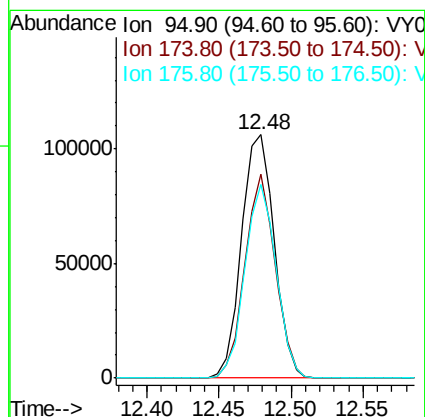
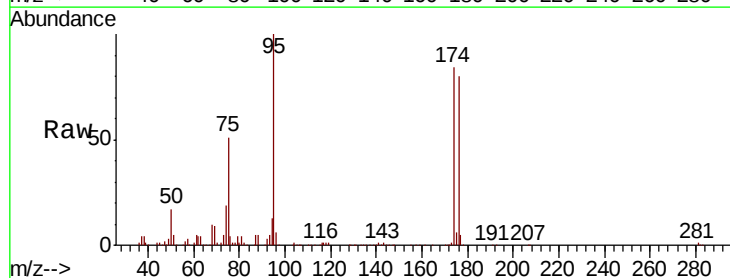
Tgt Ion: 95 Resp: 167629

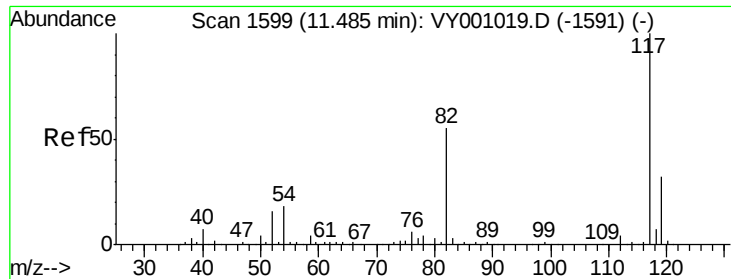
Ion Ratio Lower Upper

95 100

174 77.6 0.0 156.4

176 75.8 0.0 155.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VY001058.D

Acq: 24 Dec 2019 18:59

Instrument :

MSVOA_Y

ClientSampleId :

K183-SB-05

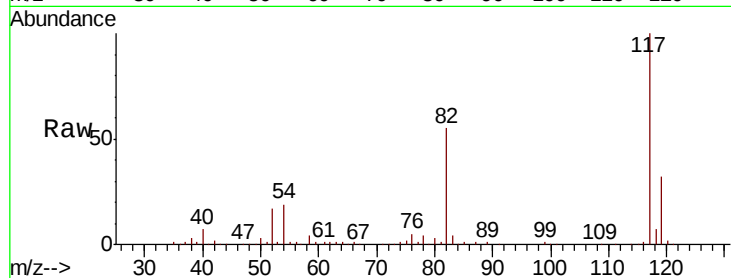
Tgt Ion:117 Resp: 400411

Ion Ratio Lower Upper

117 100

82 55.3 43.8 65.8

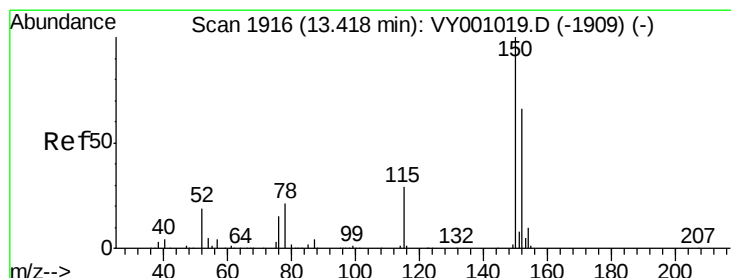
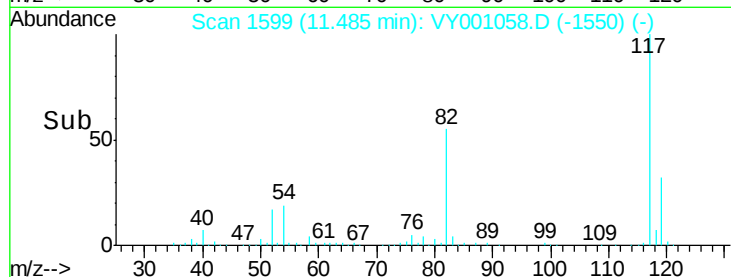
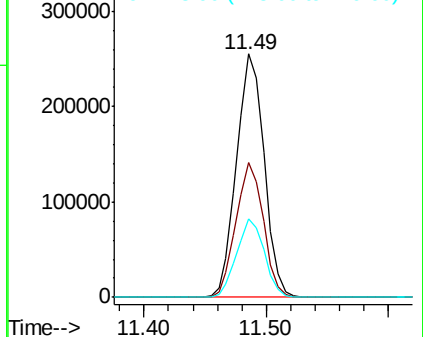
119 32.5 25.8 38.6



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: VY001058.D

Acq: 24 Dec 2019 18:59

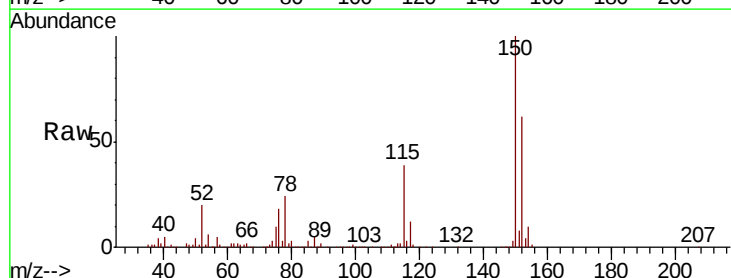
Tgt Ion:152 Resp: 166410

Ion Ratio Lower Upper

152 100

115 61.1 29.8 89.3

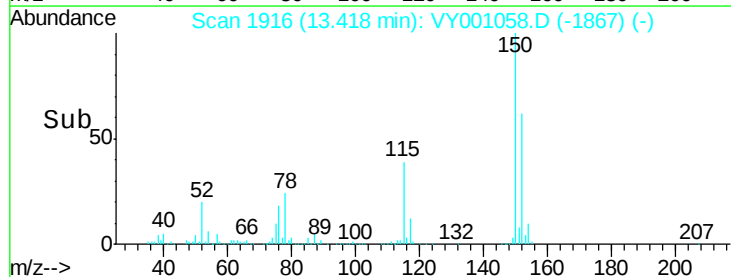
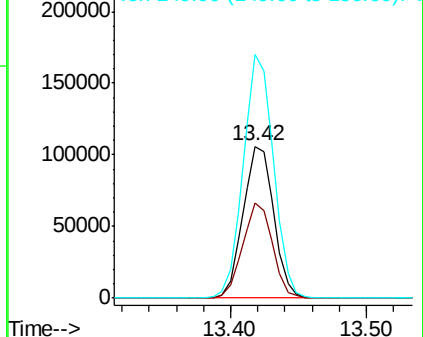
150 158.5 0.0 352.6

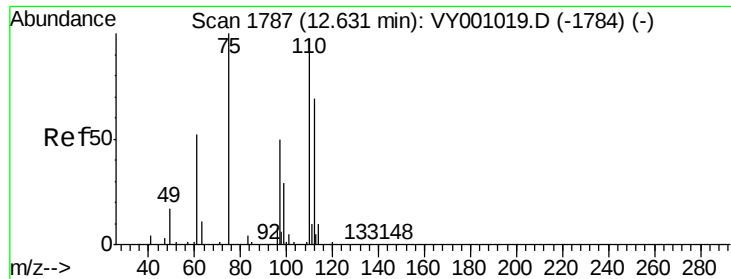


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

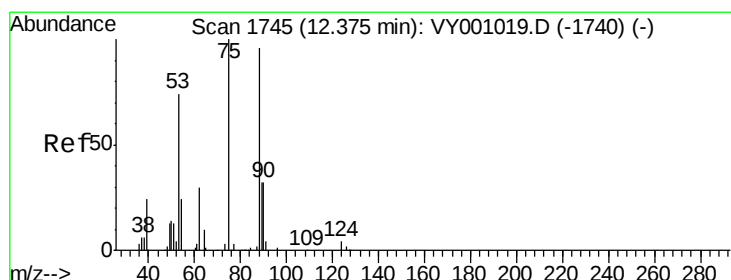
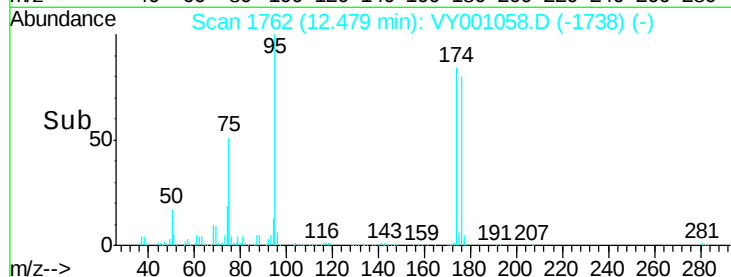
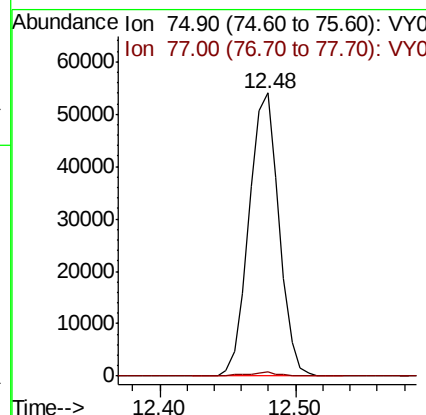
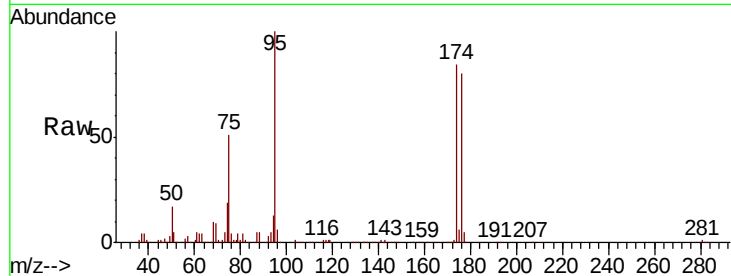




#76
 1,2,3-Trichloropropane
 Concen: 40.735 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.15 min
 Lab File: VY001058.D
 Acq: 24 Dec 2019 18:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 K183-SB-05

Tgt Ion: 75 Resp: 83568
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.879 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.10 min
 Lab File: VY001058.D
 Acq: 24 Dec 2019 18:59

Tgt Ion: 75 Resp: 83568
 Ion Ratio Lower Upper
 75 100
 53 0.0 60.6 91.0#
 89 0.0 35.4 53.0#

