

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122419\
 Data File : VY001054.D
 Acq On : 24 Dec 2019 17:30
 Operator : SY/MD
 Sample : K6414-01
 Misc : 8.18G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 K183-SB-01

Quant Time: Dec 25 01:39:40 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

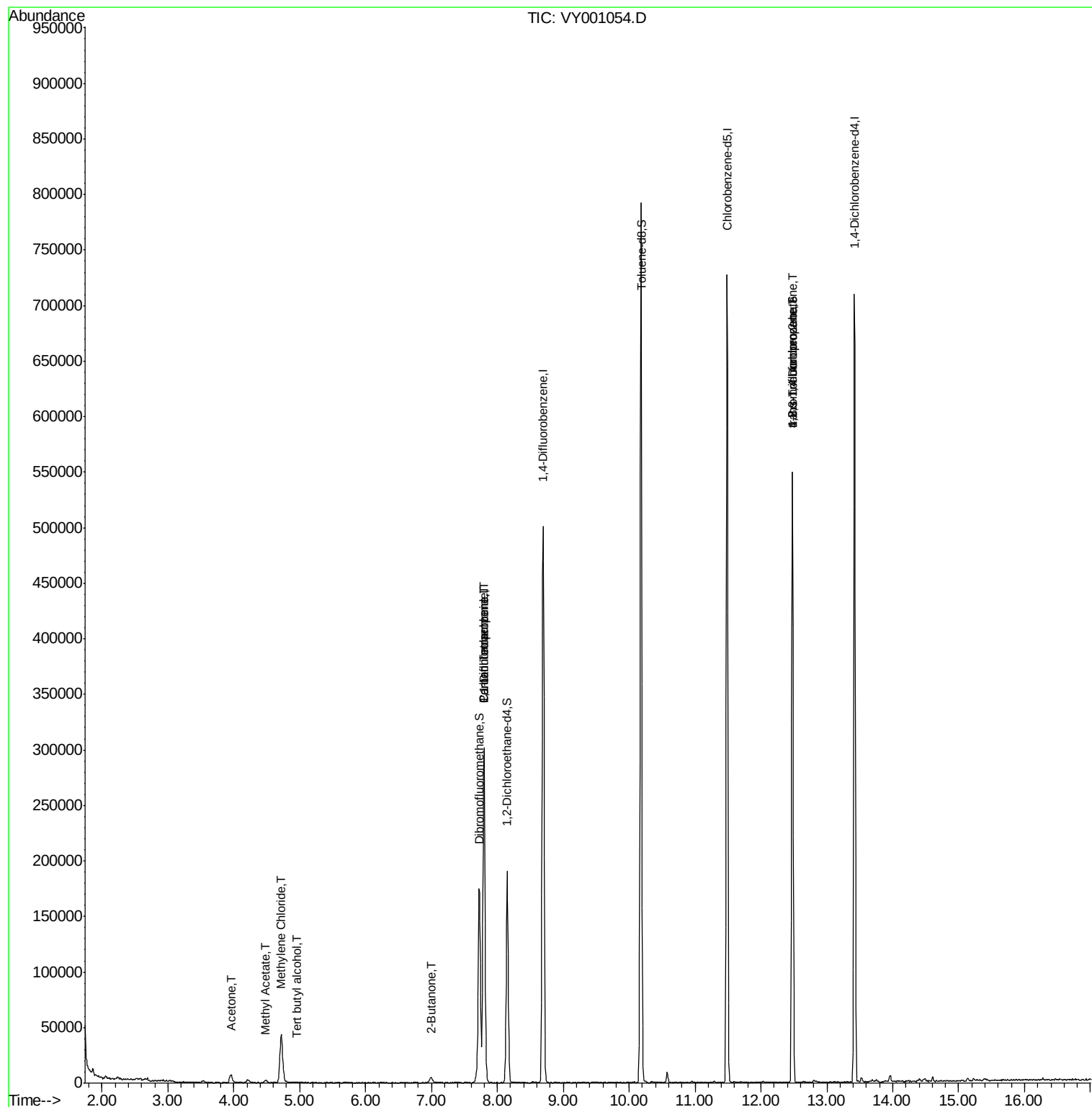
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	233743	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	452125	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	400128	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	177174	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	132629	57.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.06%	
35) Dibromofluoromethane	7.72	113	129186	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
50) Toluene-d8	10.18	98	525471	50.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.00%	
62) 4-Bromofluorobenzene	12.48	95	174907	45.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.96%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.95	59	325	1.282	ug/l #	74
16) Acetone	3.96	43	12097	22.778	ug/l	99
18) Methyl Acetate	4.47	43	4389	2.154	ug/l #	77
20) Methylene Chloride	4.72	84	32431	10.375	ug/l	99
25) 2-Butanone	7.00	43	1468	1.573	ug/l	94
36) 1,1-Dichloropropene	7.80	75	18898	4.381	ug/l #	50
38) Carbon Tetrachloride	7.80	117	23300	6.166	ug/l #	18
76) 1,2,3-Trichloropropane	12.47	75	86042	39.393	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.47	75	86042	84.016	ug/l #	19

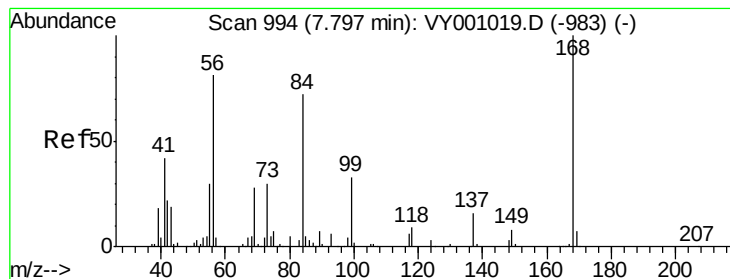
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001054.D

Acq: 24 Dec 2019 17:30

Instrument :

MSVOA_Y

ClientSampleId :

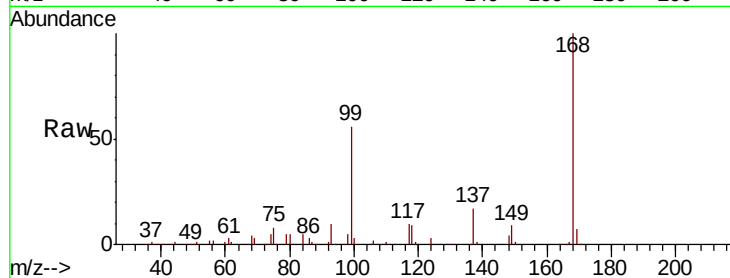
K183-SB-01

Tgt Ion:168 Resp: 233743

Ion Ratio Lower Upper

168 100

99 56.1 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

100000

80000

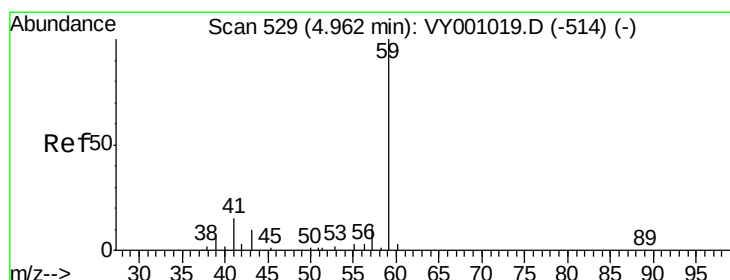
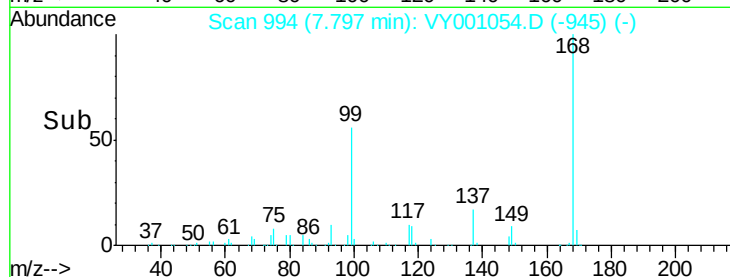
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.282 ug/l

RT: 4.95 min Scan# 527

Delta R.T. -0.01 min

Lab File: VY001054.D

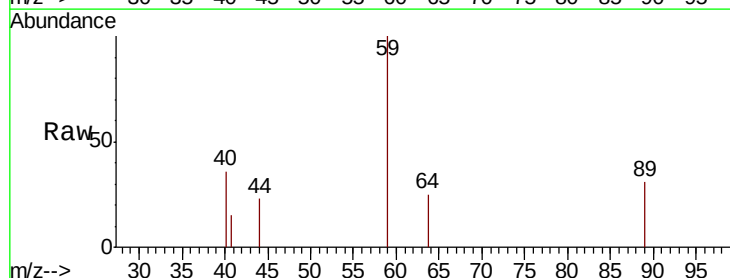
Acq: 24 Dec 2019 17:30

Tgt Ion: 59 Resp: 325

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VY001019.D (-514) (-)

Ion 57.00 (56.70 to 57.70): VY001019.D (-514) (-)

4.95

400

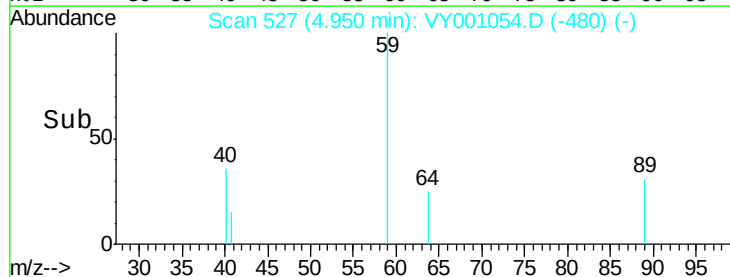
300

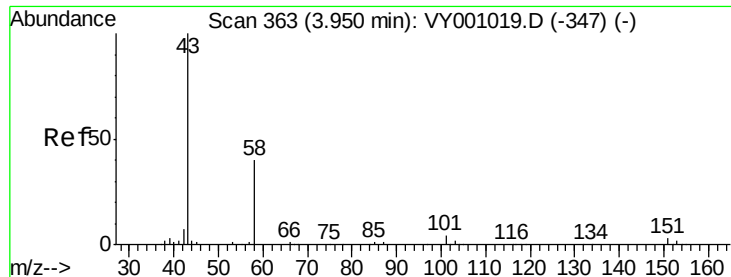
200

100

0

Time-->





#16

Acetone

Concen: 22.778 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY001054.D

Acq: 24 Dec 2019 17:30

Instrument :

MSVOA_Y

ClientSampleId :

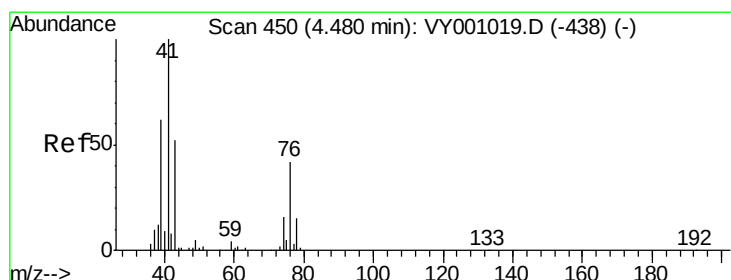
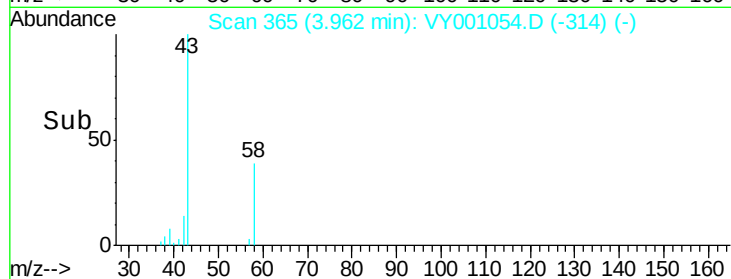
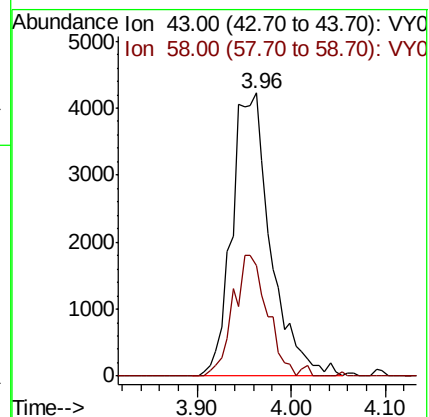
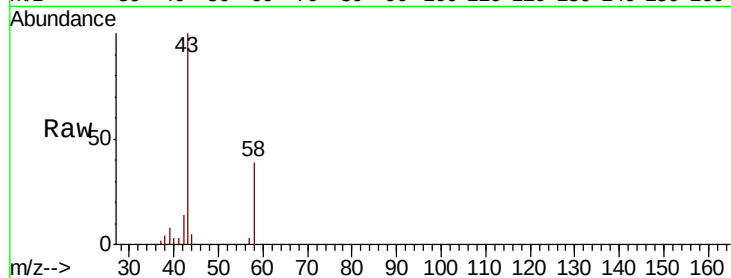
K183-SB-01

Tgt Ion: 43 Resp: 12097

Ion Ratio Lower Upper

43 100

58 39.2 32.1 48.1



#18

Methyl Acetate

Concen: 2.154 ug/l

RT: 4.47 min Scan# 449

Delta R.T. -0.01 min

Lab File: VY001054.D

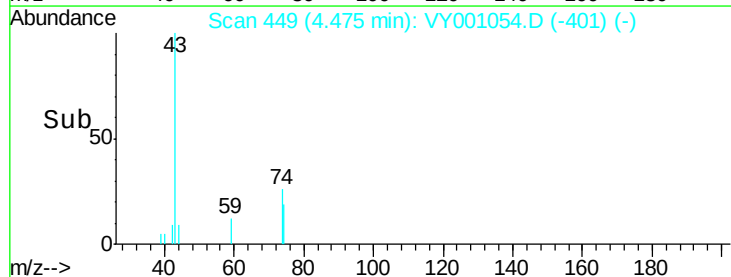
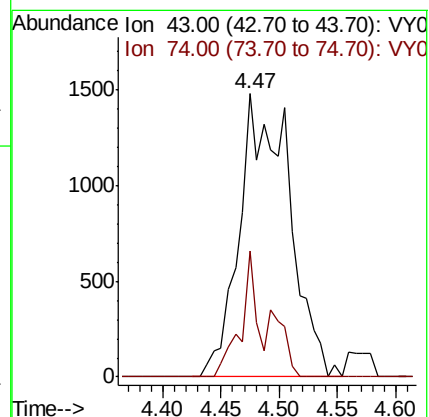
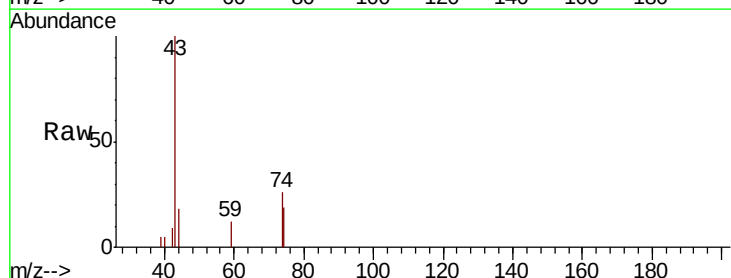
Acq: 24 Dec 2019 17:30

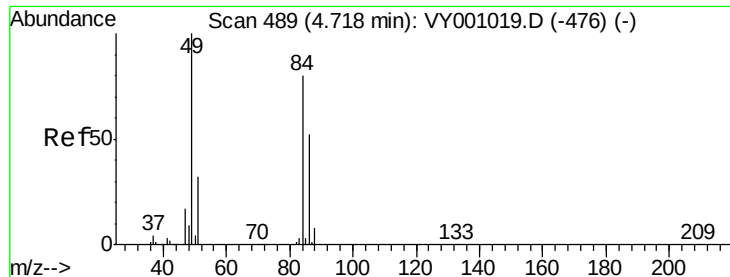
Tgt Ion: 43 Resp: 4389

Ion Ratio Lower Upper

43 100

74 14.3 20.7 31.1#

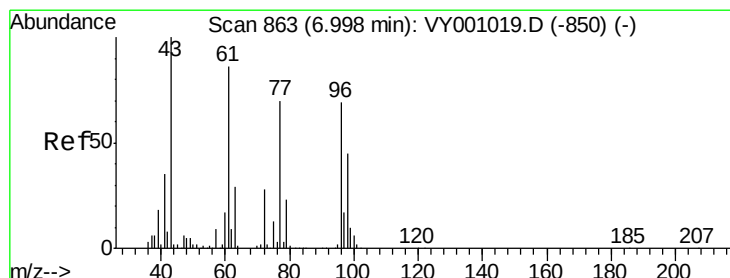
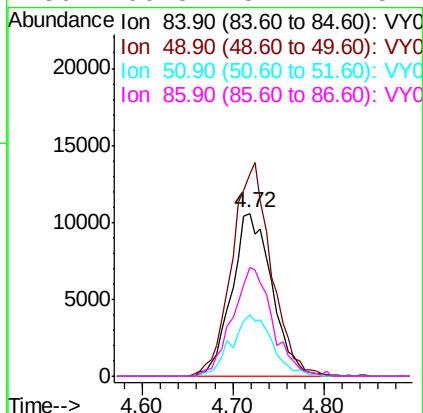
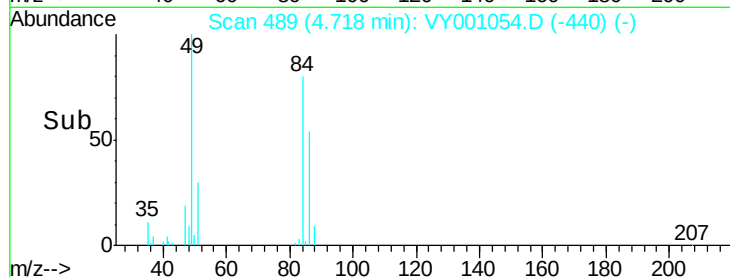
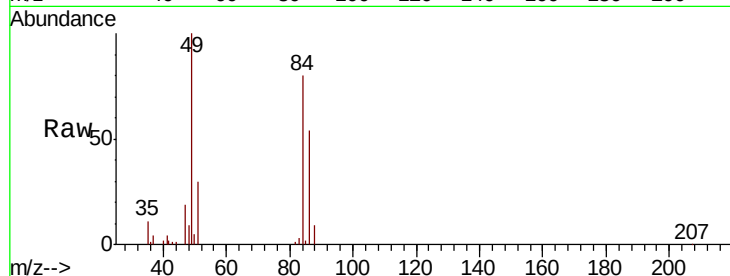




#20
Methylene Chloride
Concen: 10.375 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY001054.D
Acq: 24 Dec 2019 17:30

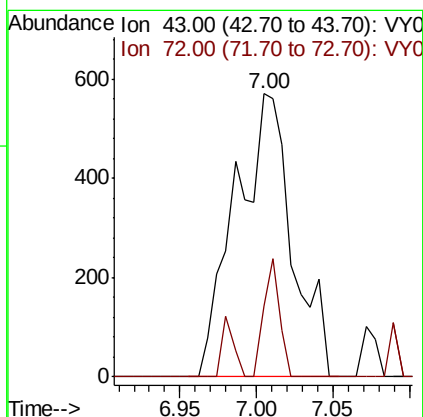
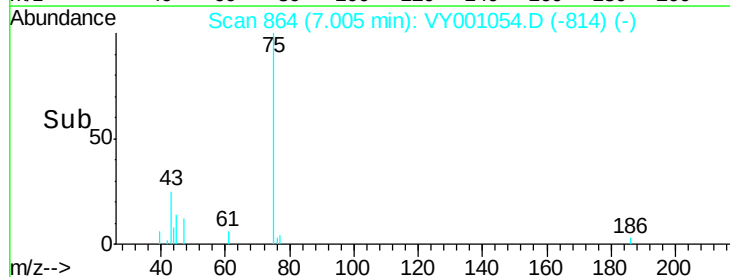
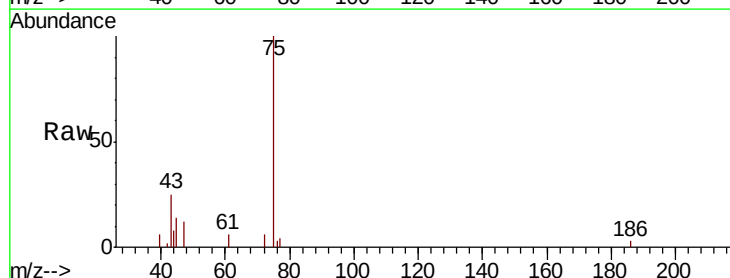
Instrument :
MSVOA_Y
ClientSampled :
K183-SB-01

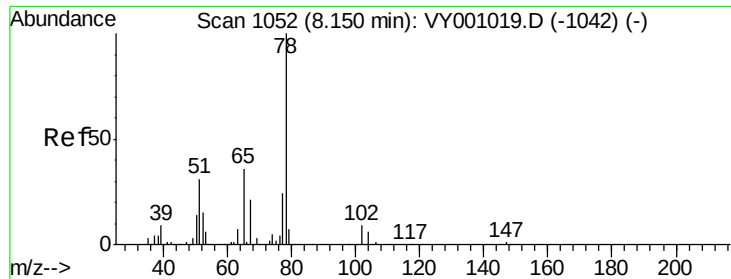
Tgt Ion: 84 Resp: 32431
Ion Ratio Lower Upper
84 100
49 124.4 99.8 149.6
51 37.7 31.4 47.2
86 66.8 52.2 78.2



#25
2-Butanone
Concen: 1.573 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY001054.D
Acq: 24 Dec 2019 17:30

Tgt Ion: 43 Resp: 1468
Ion Ratio Lower Upper
43 100
72 24.9 22.4 33.6

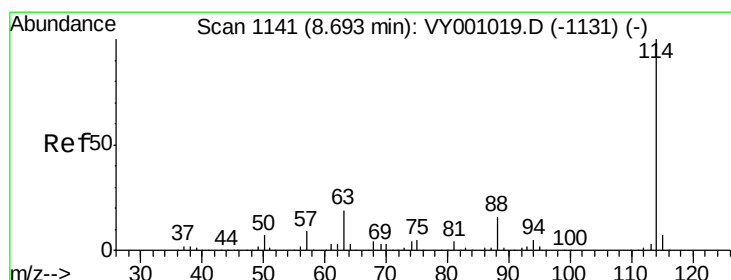
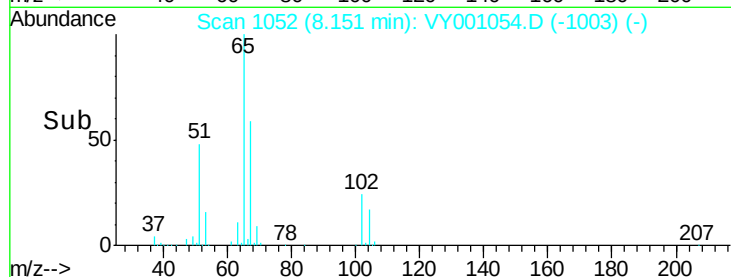
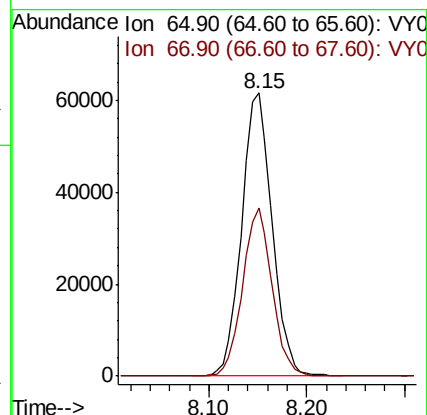
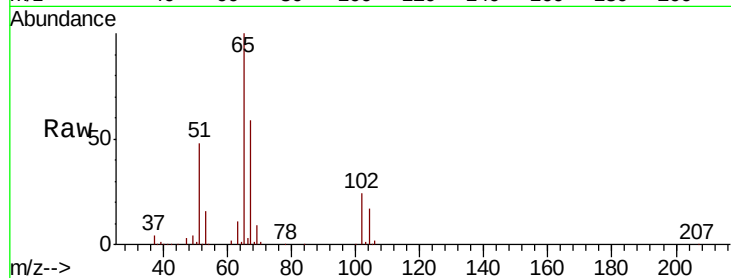




#33
 1,2-Dichloroethane-d4
 Concen: 57.531 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY001054.D
 Acq: 24 Dec 2019 17:30

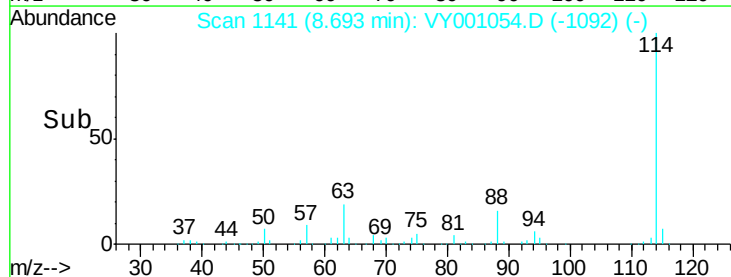
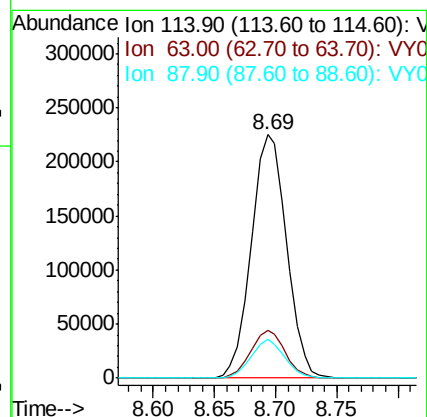
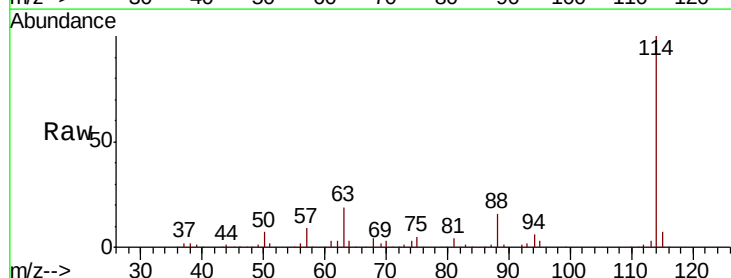
Instrument :
 MSVOA_Y
 ClientSampleId :
 K183-SB-01

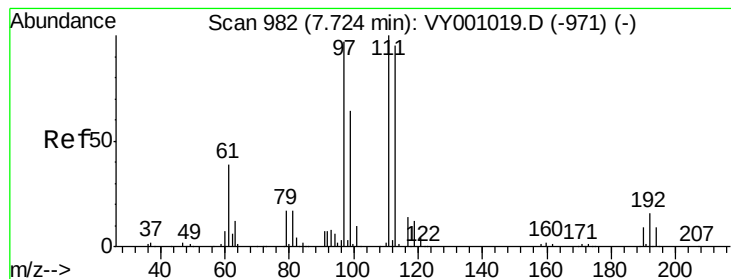
Tgt Ion: 65 Resp: 132629
 Ion Ratio Lower Upper
 65 100
 67 57.4 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY001054.D
 Acq: 24 Dec 2019 17:30

Tgt Ion: 114 Resp: 452125
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 37.0
 88 16.0 0.0 32.0





#35

Dibromofluoromethane

Concen: 48.523 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY001054.D

Acq: 24 Dec 2019 17:30

Instrument :

MSVOA_Y

ClientSampleId :

K183-SB-01

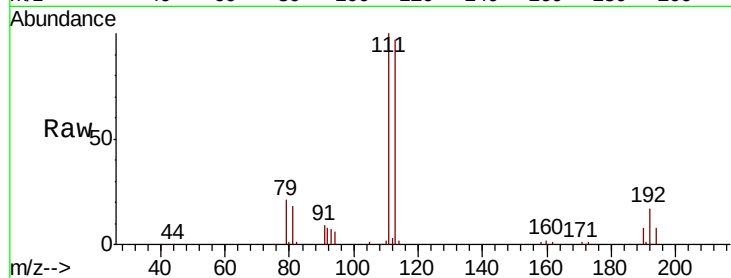
Tgt Ion:113 Resp: 129186

Ion Ratio Lower Upper

113 100

111 103.7 83.0 124.4

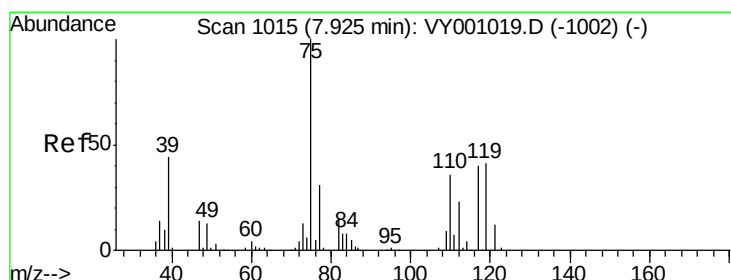
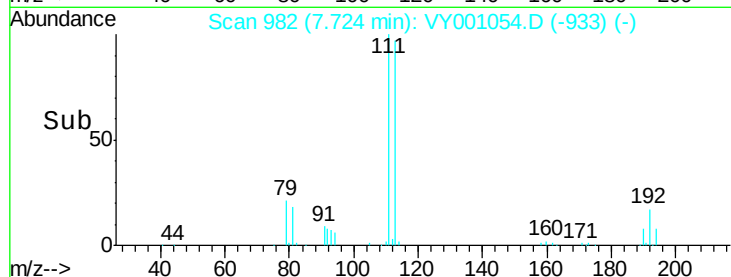
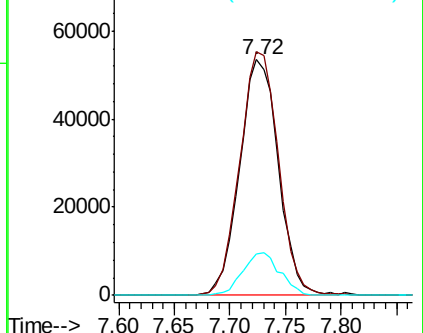
192 17.5 14.6 21.8



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: 4.381 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY001054.D

Acq: 24 Dec 2019 17:30

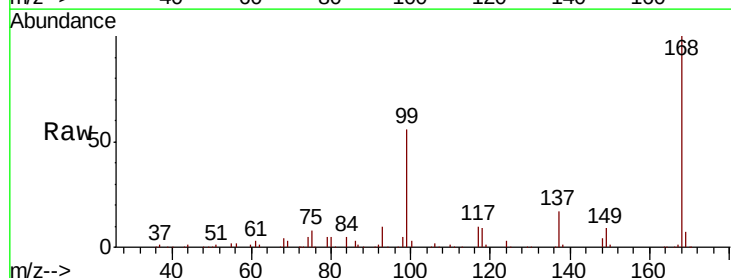
Tgt Ion: 75 Resp: 18898

Ion Ratio Lower Upper

75 100

110 10.2 18.1 54.4#

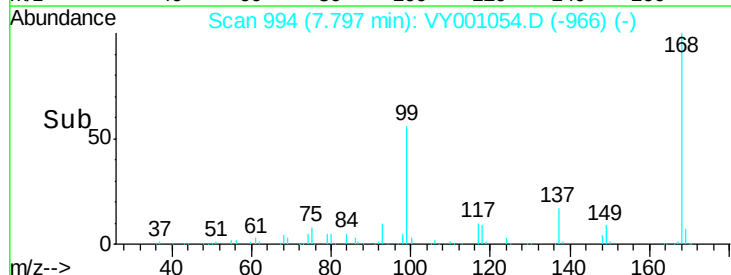
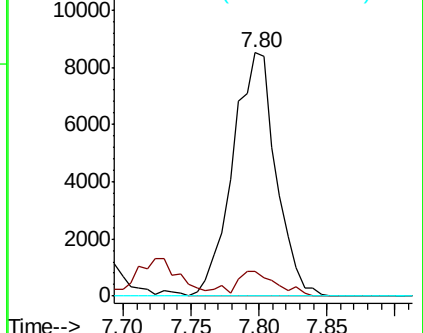
77 0.0 24.6 37.0#

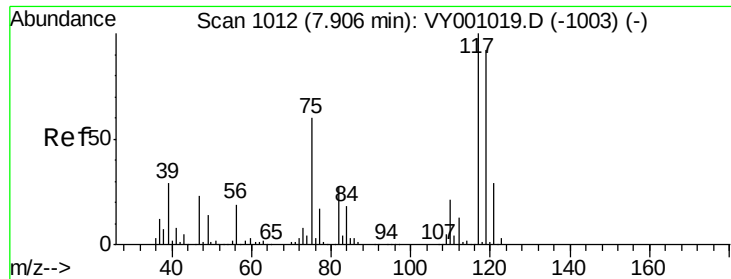


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

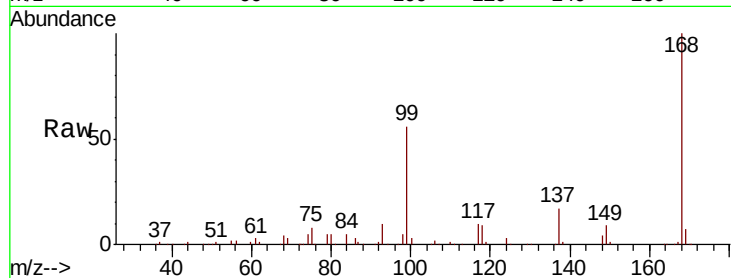




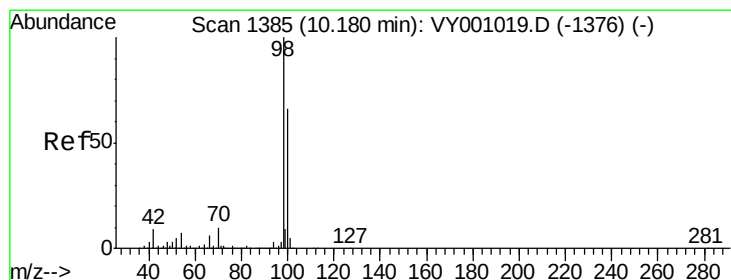
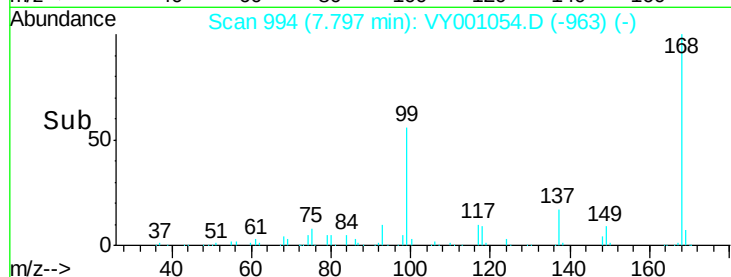
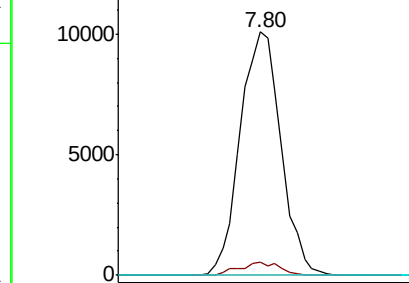
#38
Carbon Tetrachloride
Concen: 6.166 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.11 min
Lab File: VY001054.D
Acq: 24 Dec 2019 17:30

Instrument :
MSVOA_Y
ClientSampleId :
K183-SB-01

Tgt Ion: 117 Resp: 23300
Ion Ratio Lower Upper
117 100
119 5.3 74.2 111.2#
121 0.0 22.9 34.3#

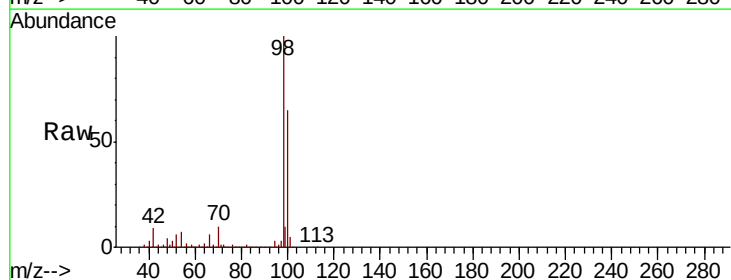


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

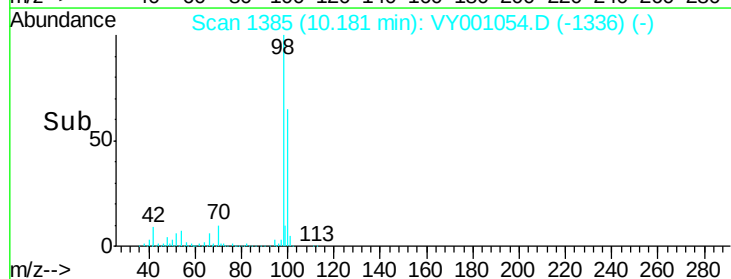
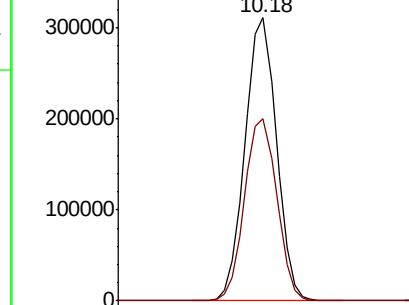


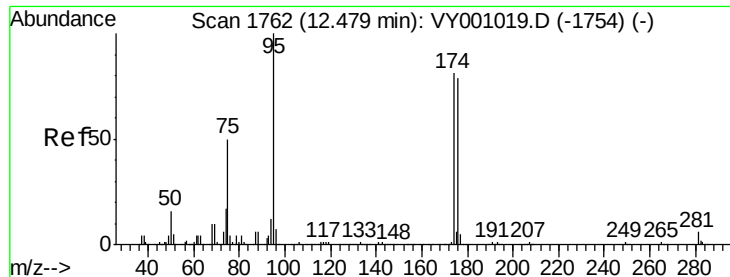
#50
Toluene-d8
Concen: 50.504 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY001054.D
Acq: 24 Dec 2019 17:30

Tgt Ion: 98 Resp: 525471
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.4



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

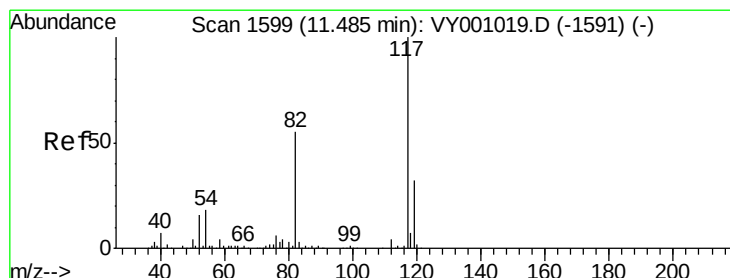
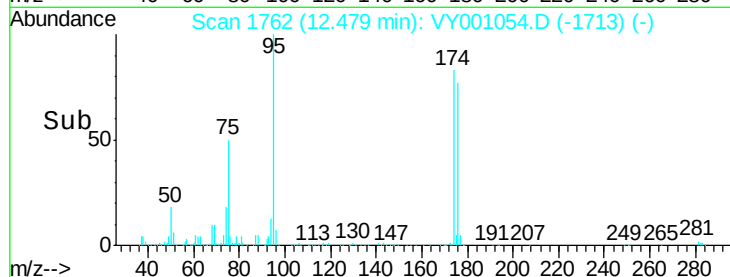
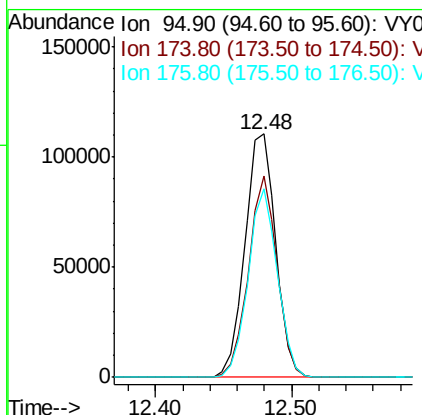
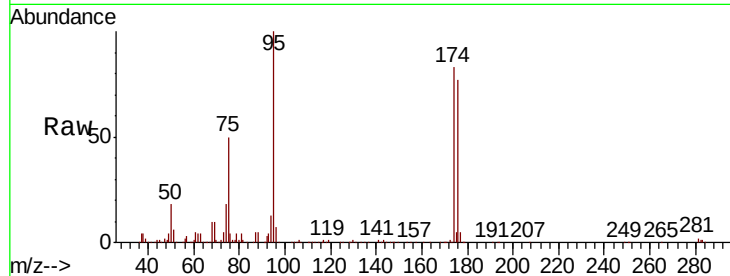




#62
4-Bromofluorobenzene
Concen: 45.979 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY001054.D
Acq: 24 Dec 2019 17:30

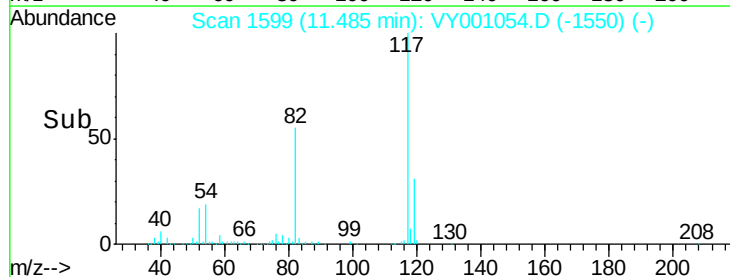
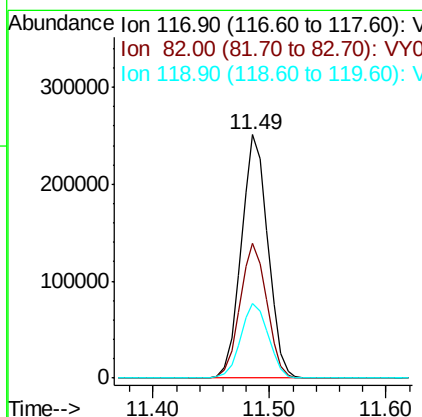
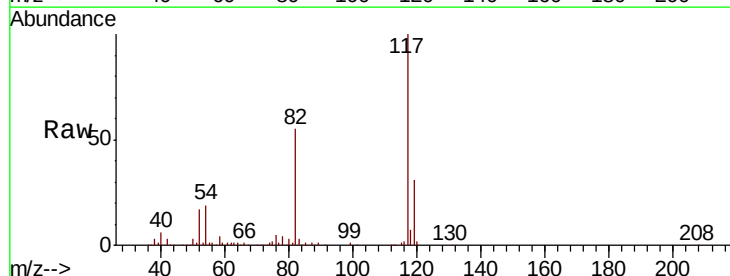
Instrument :
MSVOA_Y
ClientSampled :
K183-SB-01

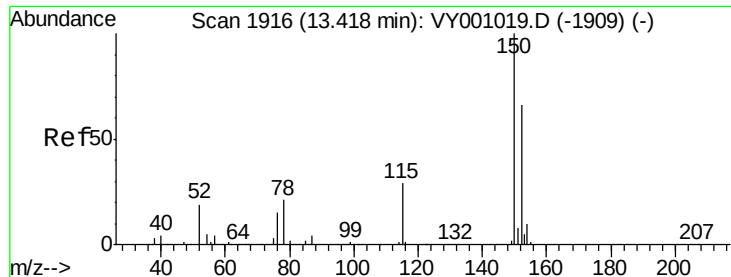
Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.2	0.0	156.4
176	73.9	0.0	155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001054.D
Acq: 24 Dec 2019 17:30

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.1	43.8	65.8
119	30.8	25.8	38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VY001054.D

Acq: 24 Dec 2019 17:30

Instrument :

MSVOA_Y

ClientSampleId :

K183-SB-01

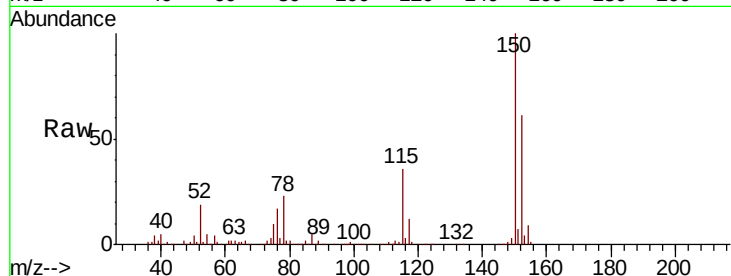
Tgt Ion:152 Resp: 177174

Ion Ratio Lower Upper

152 100

115 58.4 29.8 89.3

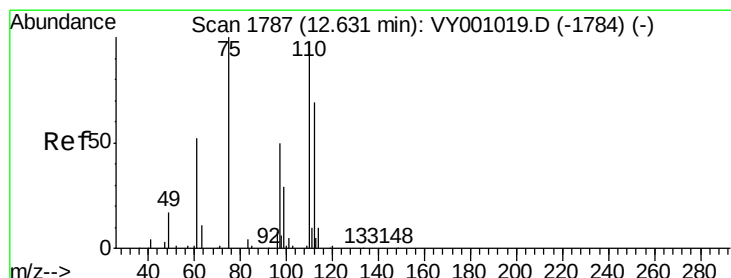
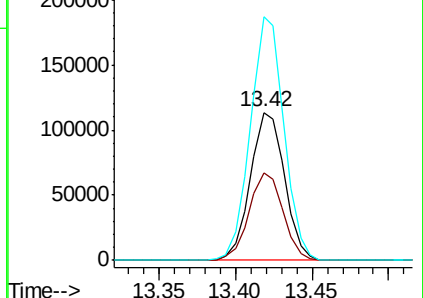
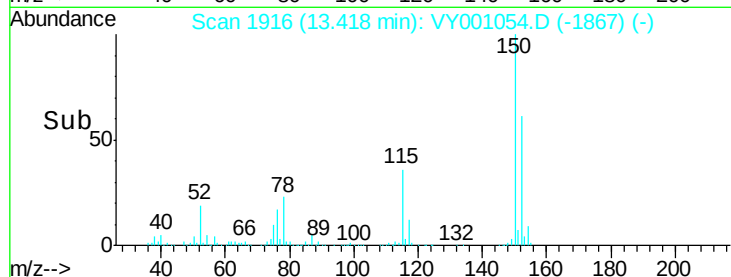
150 161.4 0.0 352.6



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: 39.393 ug/l

RT: 12.47 min Scan# 1761

Delta R.T. -0.16 min

Lab File: VY001054.D

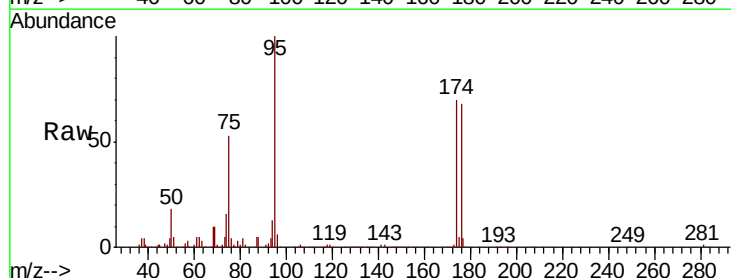
Acq: 24 Dec 2019 17:30

Tgt Ion: 75 Resp: 86042

Ion Ratio Lower Upper

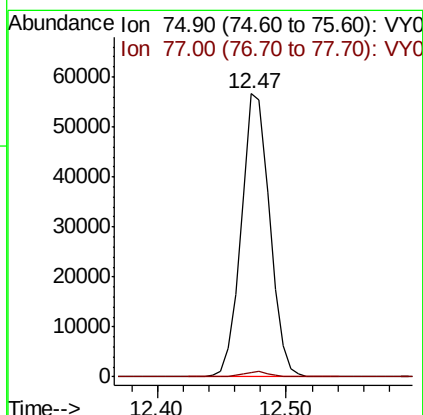
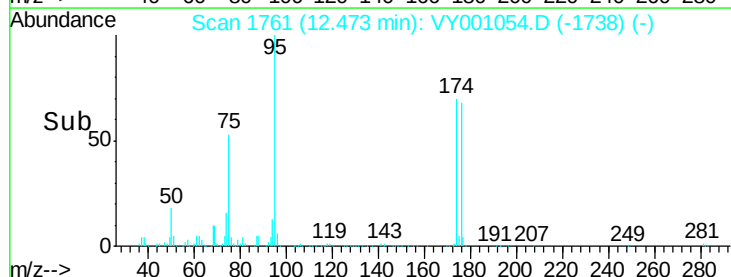
75 100

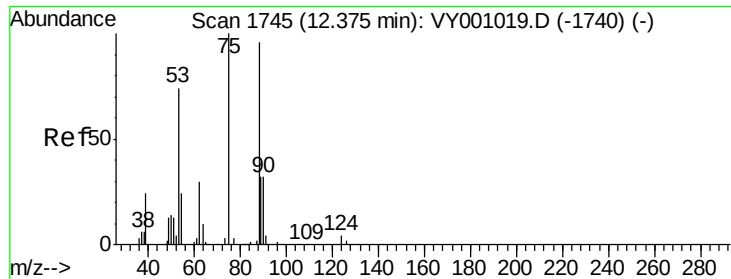
77 1.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#81

trans-1,4-Dichloro-2-butene

Concen: 84.016 ug/l

RT: 12.47 min Scan# 1761

Delta R.T. 0.10 min

Lab File: VY001054.D

Acq: 24 Dec 2019 17:30

Instrument :

MSVOA_Y

ClientSampleId :

K183-SB-01

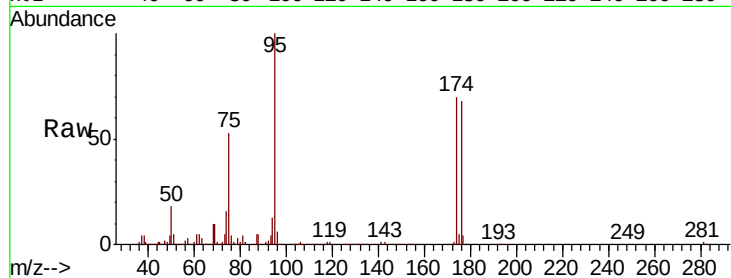
Tgt Ion: 75 Resp: 86042

Ion Ratio Lower Upper

75 100

53 0.1 60.6 91.0#

89 0.1 35.4 53.0#



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

