

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122419\
 Data File : VY001053.D
 Acq On : 24 Dec 2019 17:08
 Operator : SY/MD
 Sample : K6413-12
 Misc : 7.61G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 K005-AB-SB5

Quant Time: Dec 25 01:39:29 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

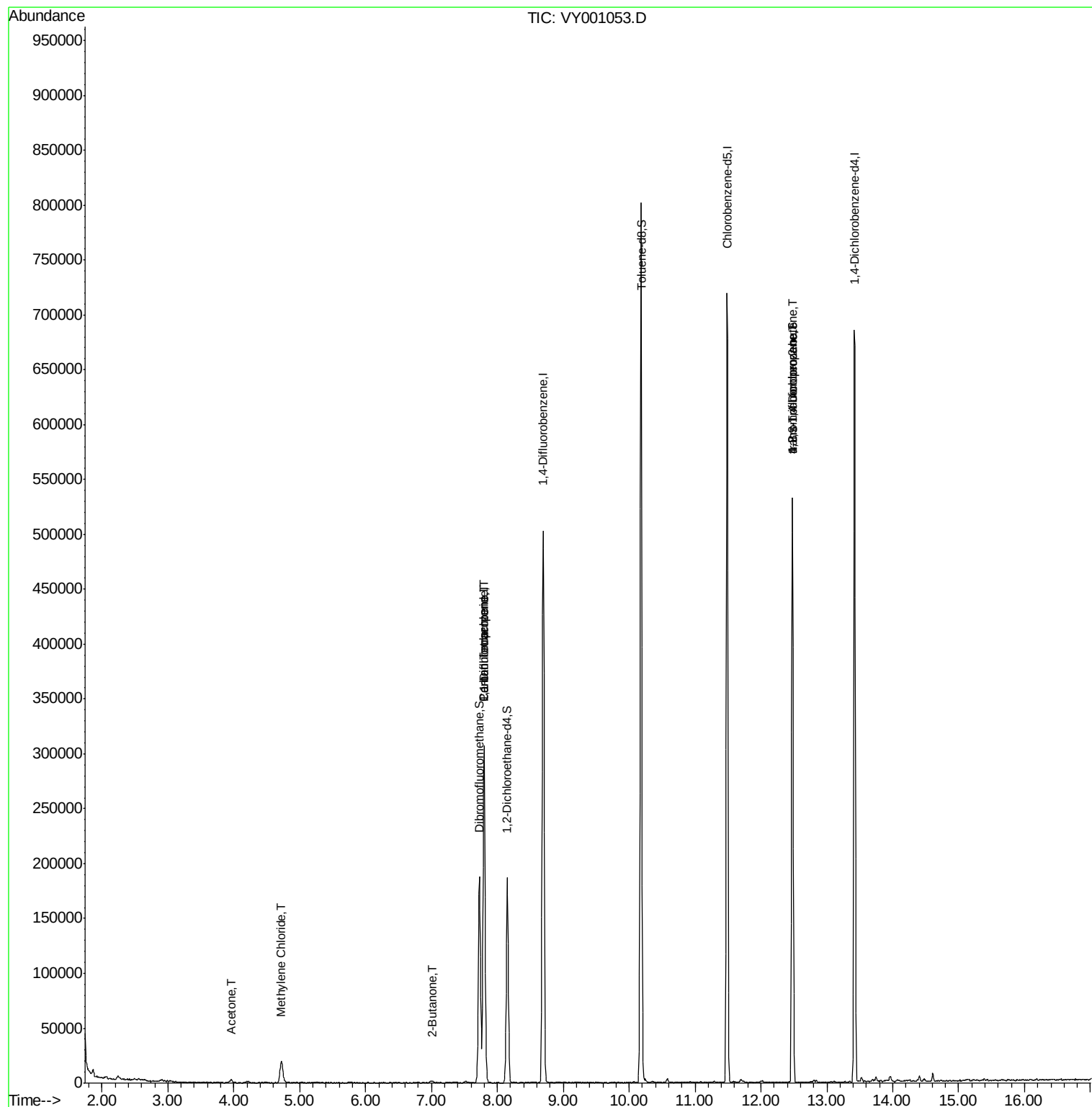
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	240805	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	451328	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	401070	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	172511	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	133034	56.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.02%	
35) Dibromofluoromethane	7.73	113	130603	49.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.28%	
50) Toluene-d8	10.18	98	537463	51.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.50%	
62) 4-Bromofluorobenzene	12.48	95	171633	45.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.40%	
Target Compounds						
					Qvalue	
16) Acetone	3.96	43	4444	8.122	ug/l #	86
20) Methylene Chloride	4.72	84	14781	4.590	ug/l	97
25) 2-Butanone	7.02	43	1243	1.293	ug/l #	67
36) 1,1-Dichloropropene	7.79	75	18243	4.237	ug/l #	50
38) Carbon Tetrachloride	7.80	117	22594	5.989	ug/l #	18
76) 1,2,3-Trichloropropane	12.47	75	85199	40.061	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.47	75	85199	85.442	ug/l #	19

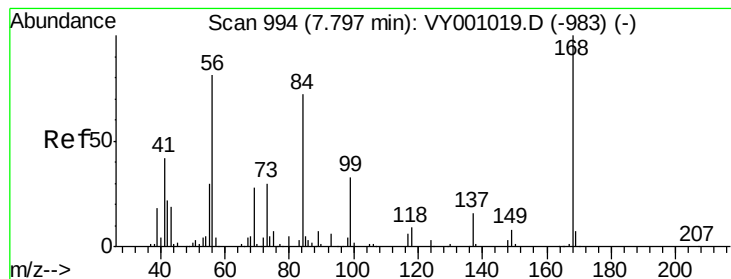
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY122419\
Data File : VY001053.D
Acq On : 24 Dec 2019 17:08
Operator : SY/MD
Sample : K6413-12
Misc : 7.61G/5ML/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
K005-AB-SB5

Quant Time: Dec 25 01:39:29 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: VY001053.D

Acq: 24 Dec 2019 17:08

Instrument :

MSVOA_Y

ClientSampleId :

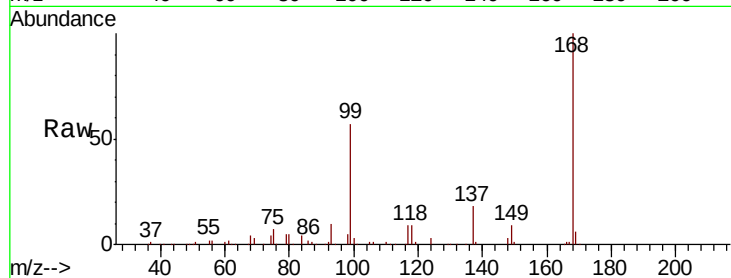
K005-AB-SB5

Tgt Ion:168 Resp: 240805

Ion Ratio Lower Upper

168 100

99 56.8 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

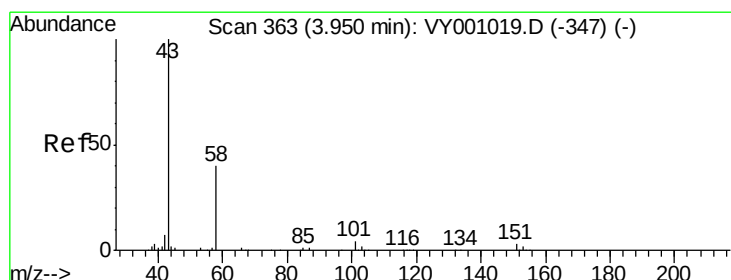
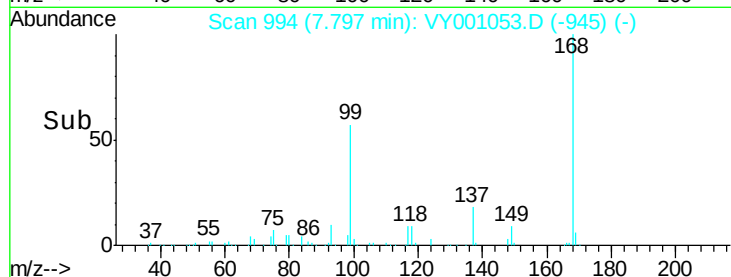
60000

40000

20000

0

Time--> 7.70 7.75 7.80 7.85 7.90



#16

Acetone

Concen: 8.122 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY001053.D

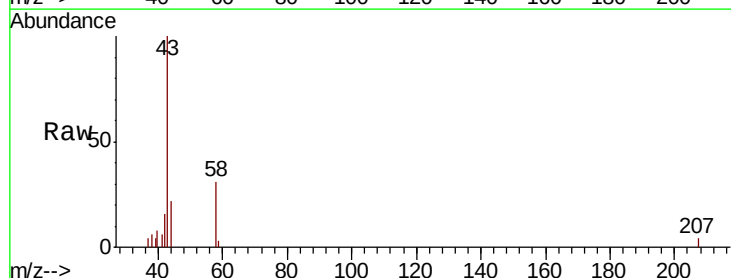
Acq: 24 Dec 2019 17:08

Tgt Ion: 43 Resp: 4444

Ion Ratio Lower Upper

43 100

58 31.3 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

2000

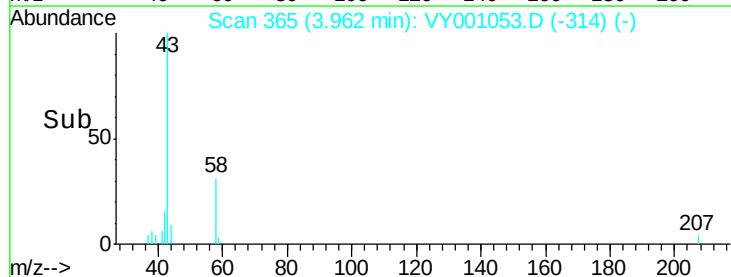
1500

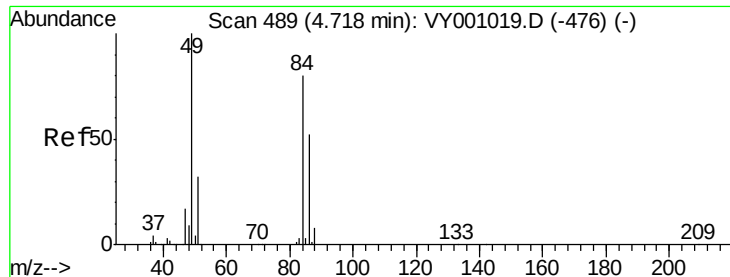
1000

500

0

Time--> 3.85 3.90 3.95 4.00 4.05

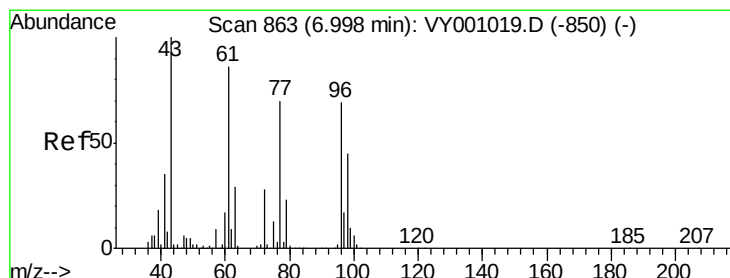
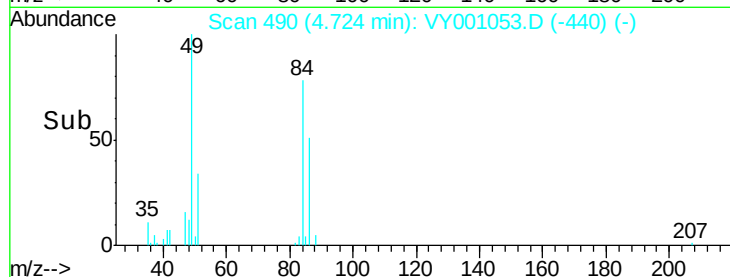
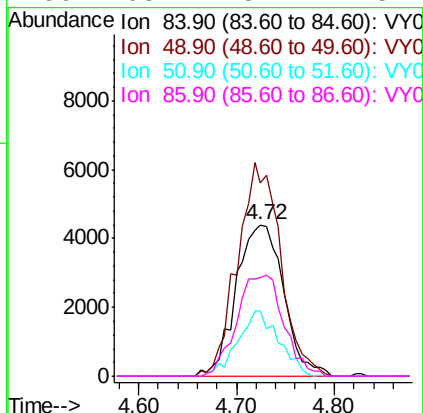
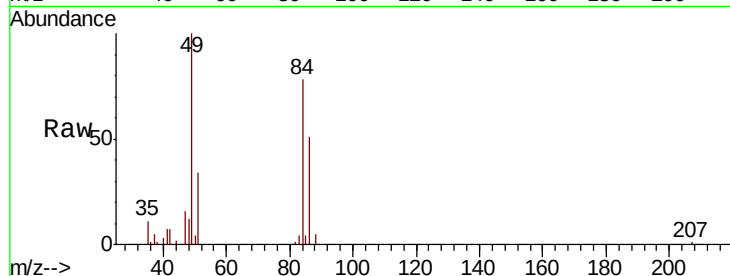




#20
Methylene Chloride
Concen: 4.590 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY001053.D
Acq: 24 Dec 2019 17:08

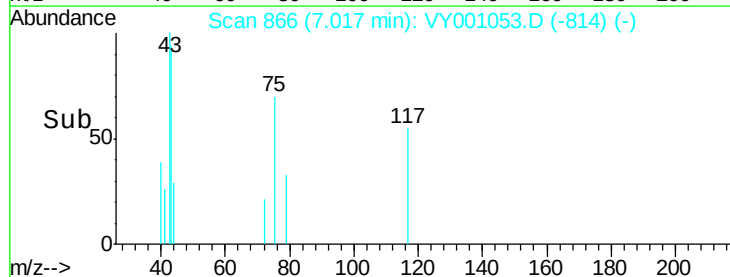
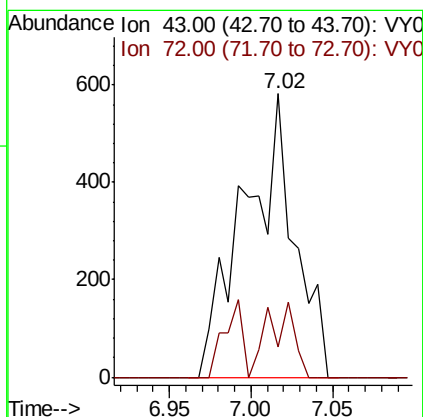
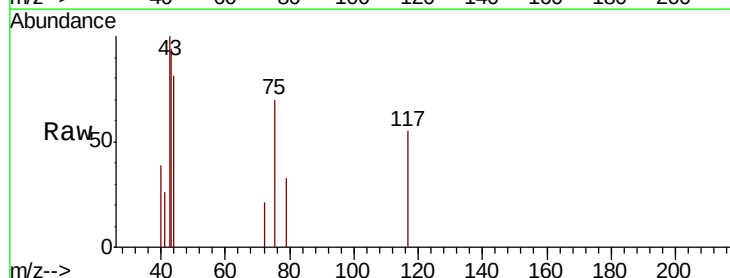
Instrument :
MSVOA_Y
ClientSampleId :
K005-AB-SB5

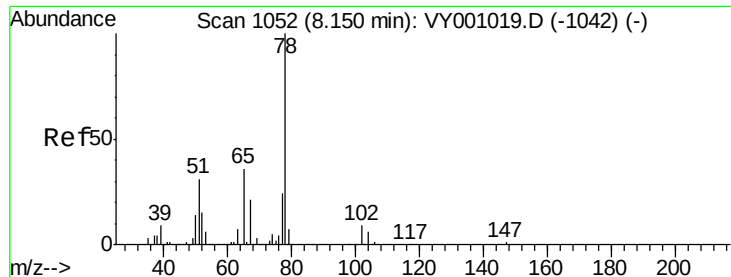
Tgt Ion: 84 Resp: 14781
Ion Ratio Lower Upper
84 100
49 127.7 99.8 149.6
51 43.2 31.4 47.2
86 65.4 52.2 78.2



#25
2-Butanone
Concen: 1.293 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.02 min
Lab File: VY001053.D
Acq: 24 Dec 2019 17:08

Tgt Ion: 43 Resp: 1243
Ion Ratio Lower Upper
43 100
72 10.7 22.4 33.6#

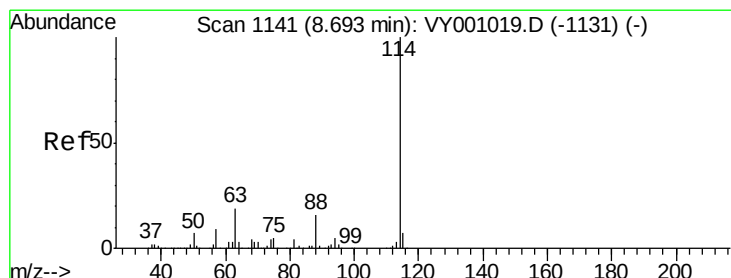
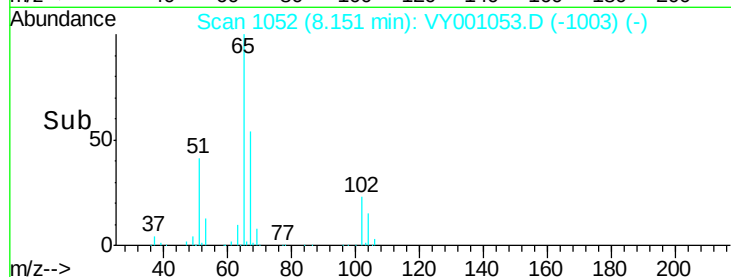
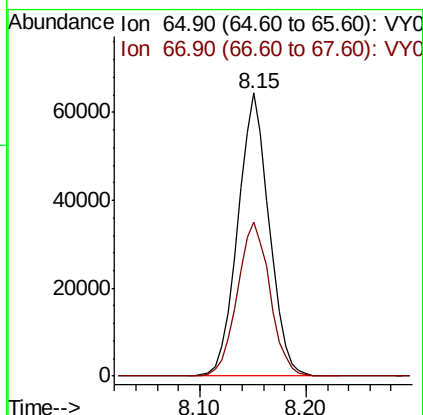
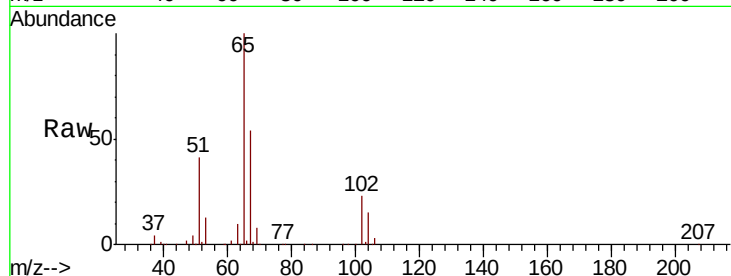




#33
 1,2-Dichloroethane-d4
 Concen: 56.014 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY001053.D
 Acq: 24 Dec 2019 17:08

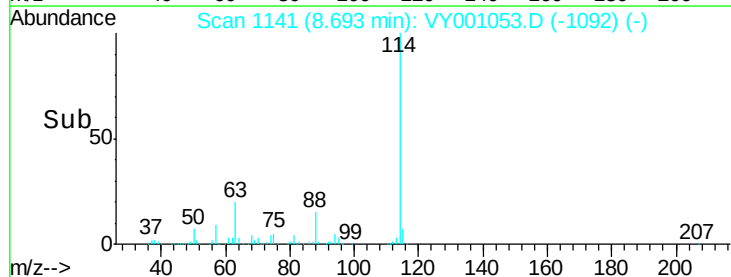
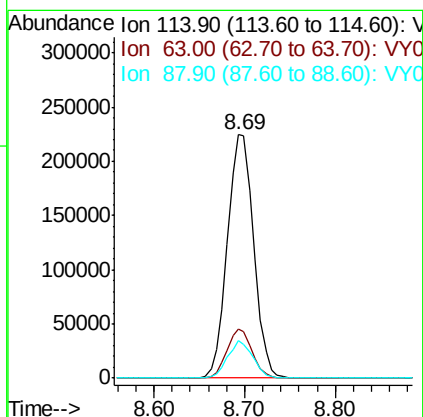
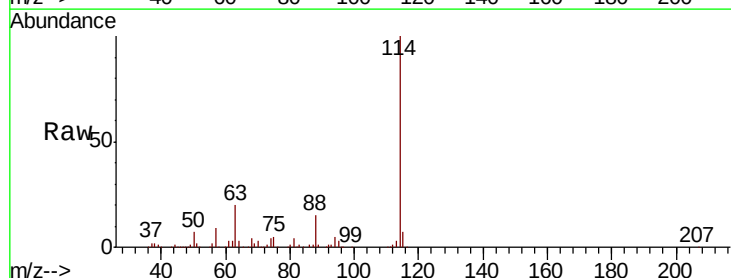
Instrument :
 MSVOA_Y
 ClientSampleId :
 K005-AB-SB5

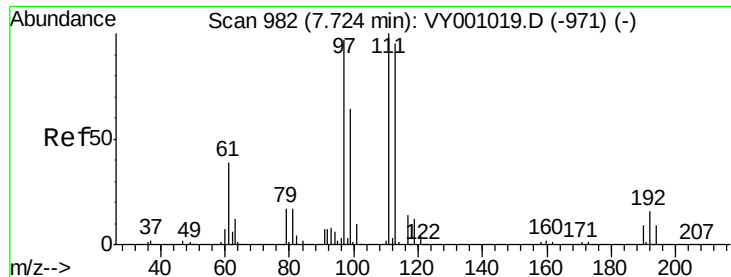
Tgt Ion: 65 Resp: 133034
 Ion Ratio Lower Upper
 65 100
 67 56.6 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY001053.D
 Acq: 24 Dec 2019 17:08

Tgt Ion: 114 Resp: 451328
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 37.0
 88 15.4 0.0 32.0

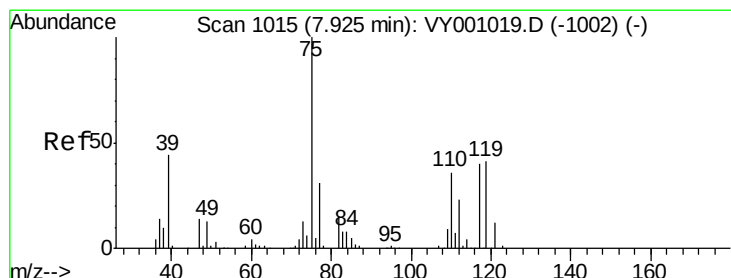
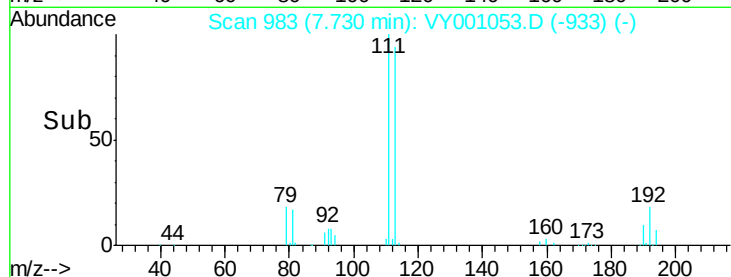
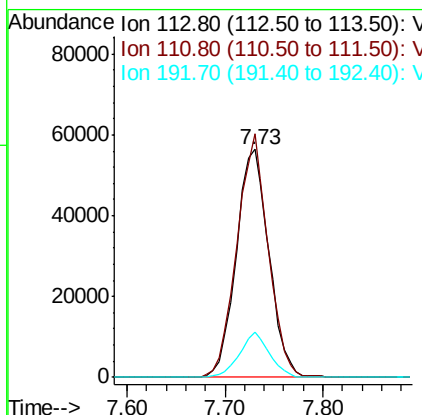
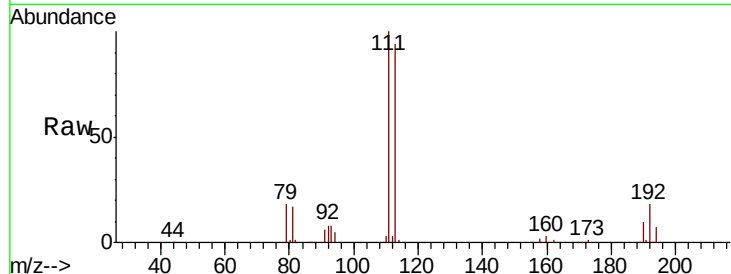




#35
 Dibromofluoromethane
 Concen: 49.142 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VY001053.D
 Acq: 24 Dec 2019 17:08

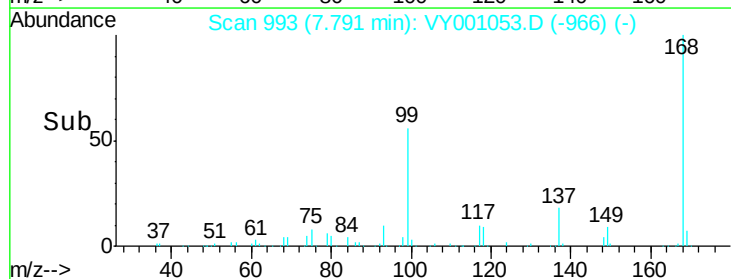
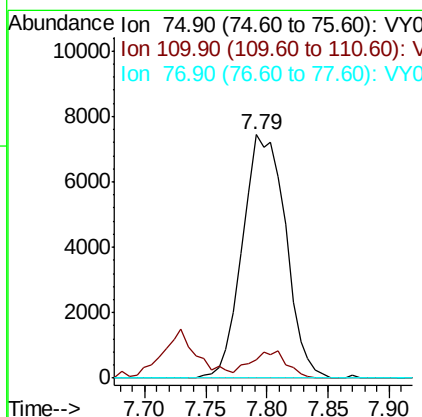
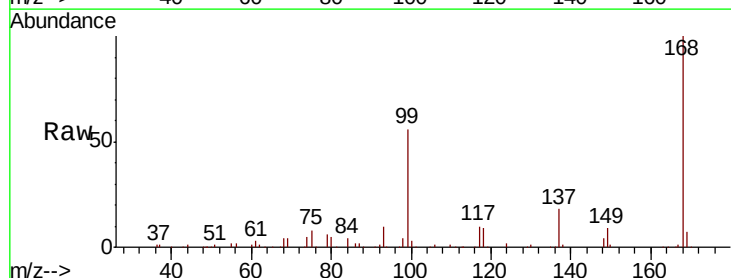
Instrument :
 MSVOA_Y
 ClientSampleId :
 K005-AB-SB5

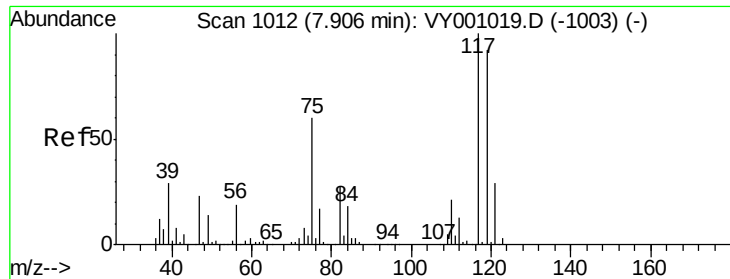
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.0	124.4
192	18.1	14.6	21.8



#36
 1,1-Dichloropropene
 Concen: 4.237 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VY001053.D
 Acq: 24 Dec 2019 17:08

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.1	54.4#
77	0.0	24.6	37.0#





#38

Carbon Tetrachloride

Concen: 5.989 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY001053.D

Acq: 24 Dec 2019 17:08

Instrument :

MSVOA_Y

ClientSampleId :

K005-AB-SB5

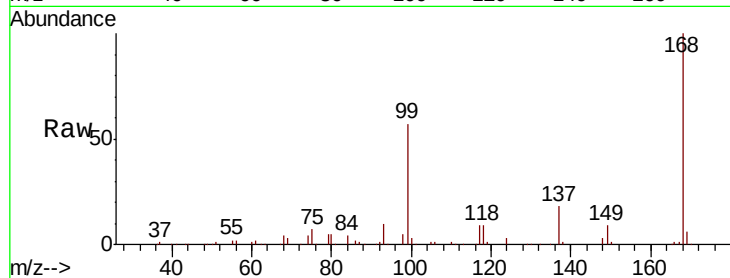
Tgt Ion: 117 Resp: 22594

Ion Ratio Lower Upper

117 100

119 6.5 74.2 111.2#

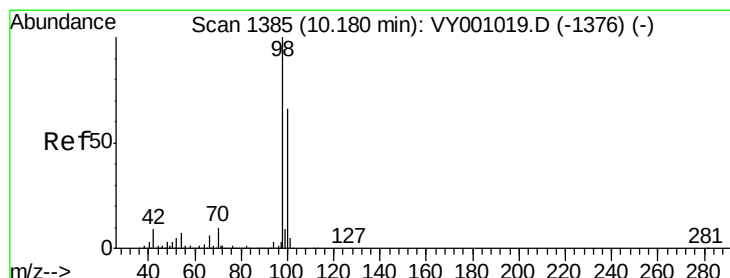
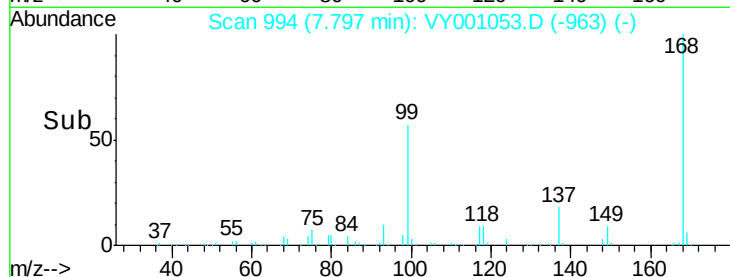
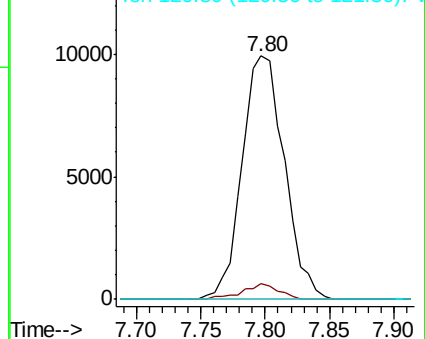
121 0.0 22.9 34.3#



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: 51.748 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001053.D

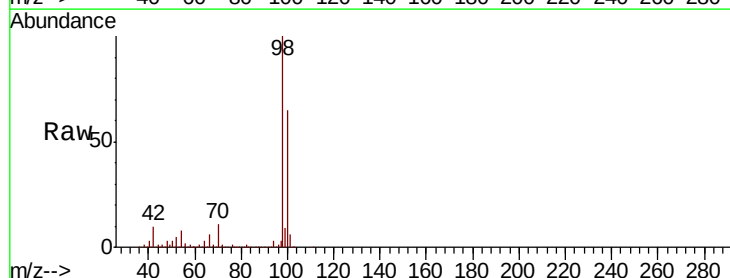
Acq: 24 Dec 2019 17:08

Tgt Ion: 98 Resp: 537463

Ion Ratio Lower Upper

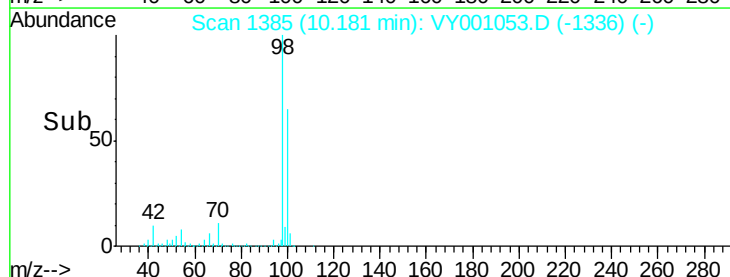
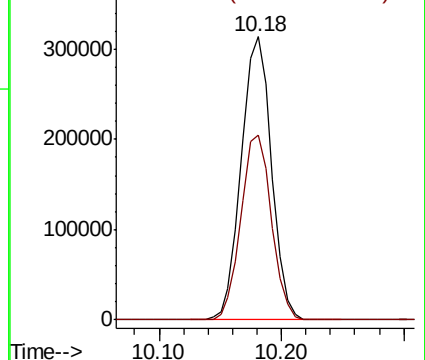
98 100

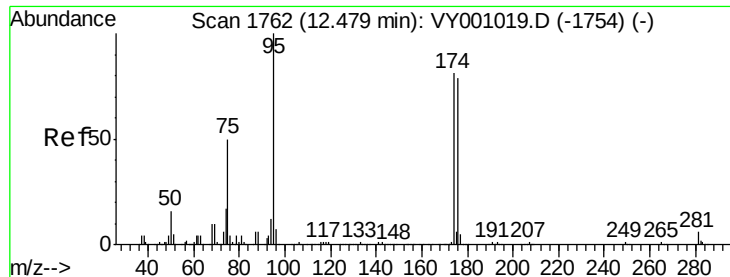
100 65.8 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

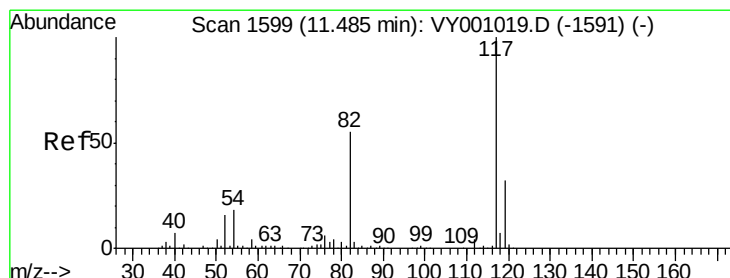
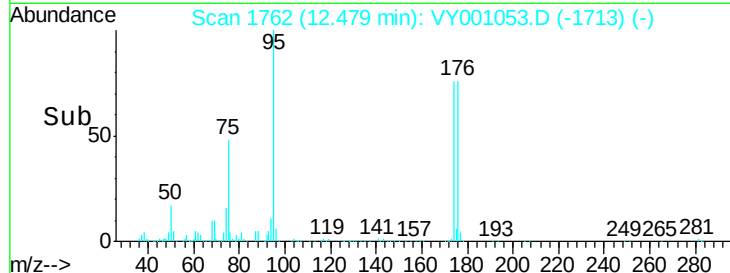
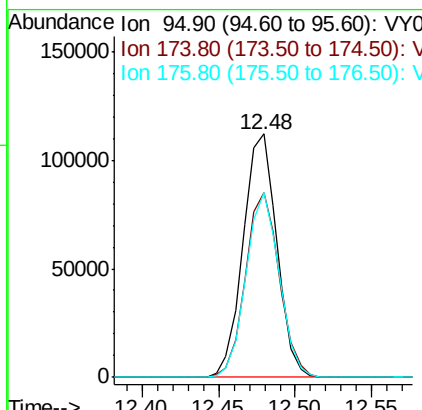
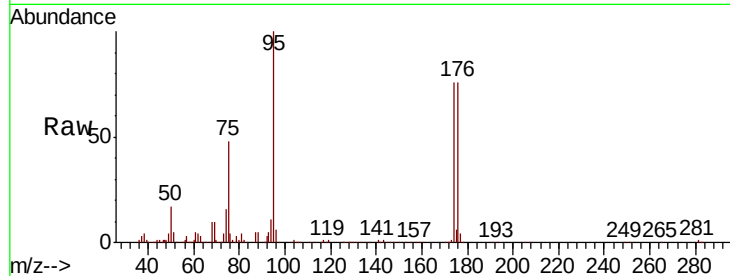




#62
4-Bromofluorobenzene
Concen: 45.198 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY001053.D
Acq: 24 Dec 2019 17:08

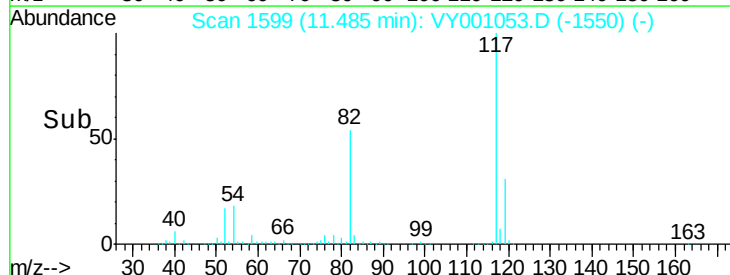
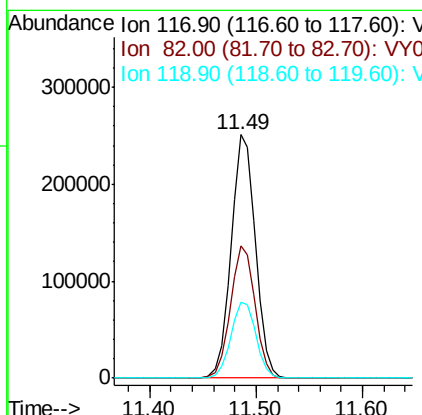
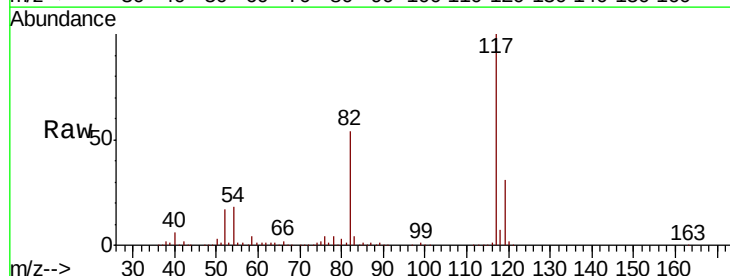
Instrument :
MSVOA_Y
ClientSampleId :
K005-AB-SB5

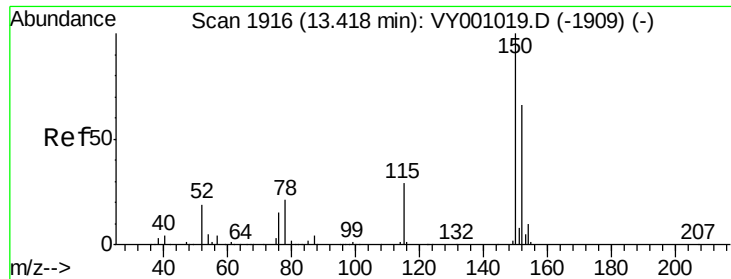
Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.3	0.0	156.4
176	74.9	0.0	155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001053.D
Acq: 24 Dec 2019 17:08

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.2	43.8	65.8
119	31.0	25.8	38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.01 min

Lab File: VY001053.D

Acq: 24 Dec 2019 17:08

Instrument :

MSVOA_Y

ClientSampleId :

K005-AB-SB5

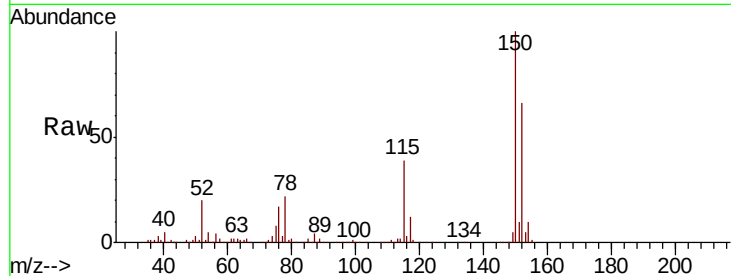
Tgt Ion:152 Resp: 172511

Ion Ratio Lower Upper

152 100

115 60.1 29.8 89.3

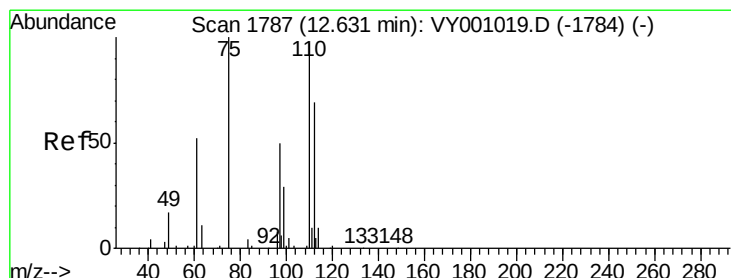
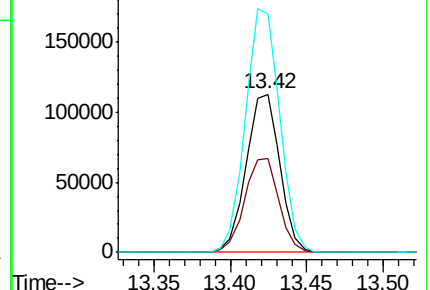
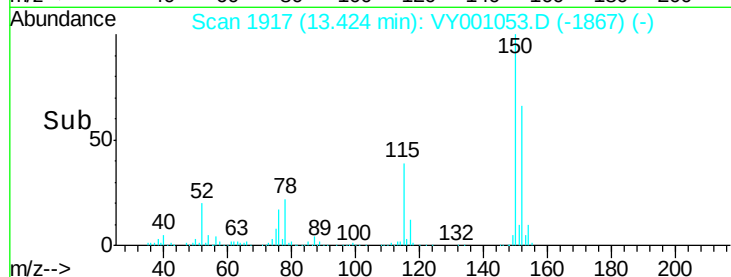
150 156.5 0.0 352.6



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: 40.061 ug/l

RT: 12.47 min Scan# 1761

Delta R.T. -0.16 min

Lab File: VY001053.D

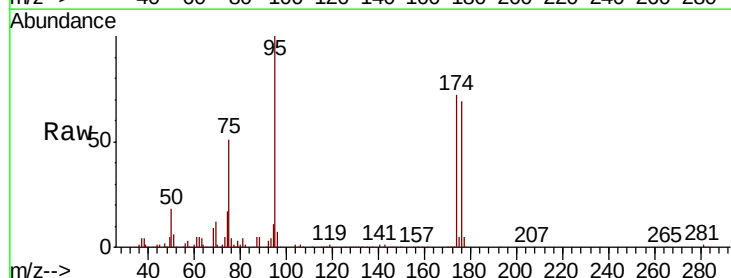
Acq: 24 Dec 2019 17:08

Tgt Ion: 75 Resp: 85199

Ion Ratio Lower Upper

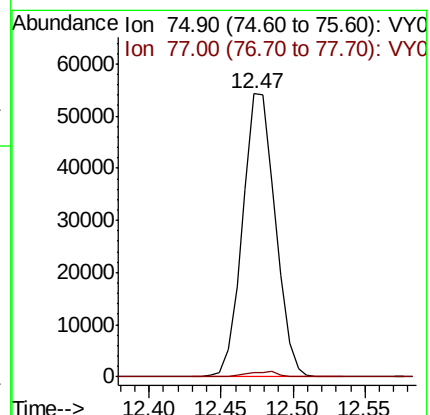
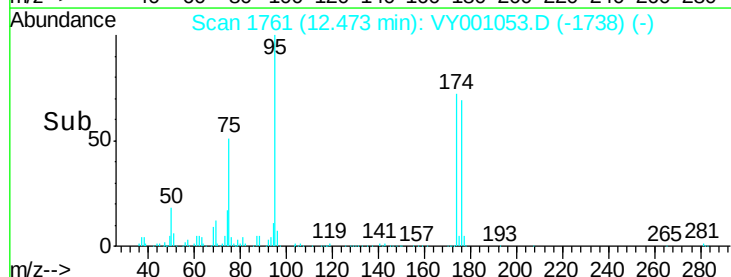
75 100

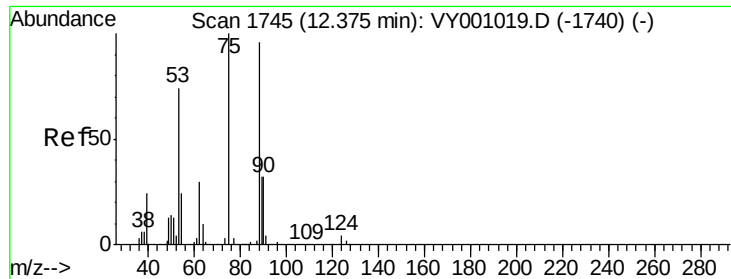
77 2.0 0.0 0.0#



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: 85.442 ug/l

RT: 12.47 min Scan# 1761

Delta R.T. 0.10 min

Lab File: VY001053.D

Acq: 24 Dec 2019 17:08

Instrument :

MSVOA_Y

ClientSampleId :

K005-AB-SB5

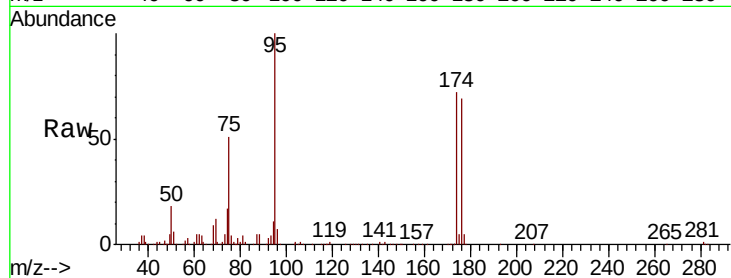
Tgt Ion: 75 Resp: 85199

Ion Ratio Lower Upper

75 100

53 0.0 60.6 91.0#

89 0.0 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

