

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122719\
 Data File : VY001100.D
 Acq On : 27 Dec 2019 16:06
 Operator : SY/MD
 Sample : K6431-02
 Misc : 5.31G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5-(4-5)

Quant Time: Dec 28 04:03:36 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

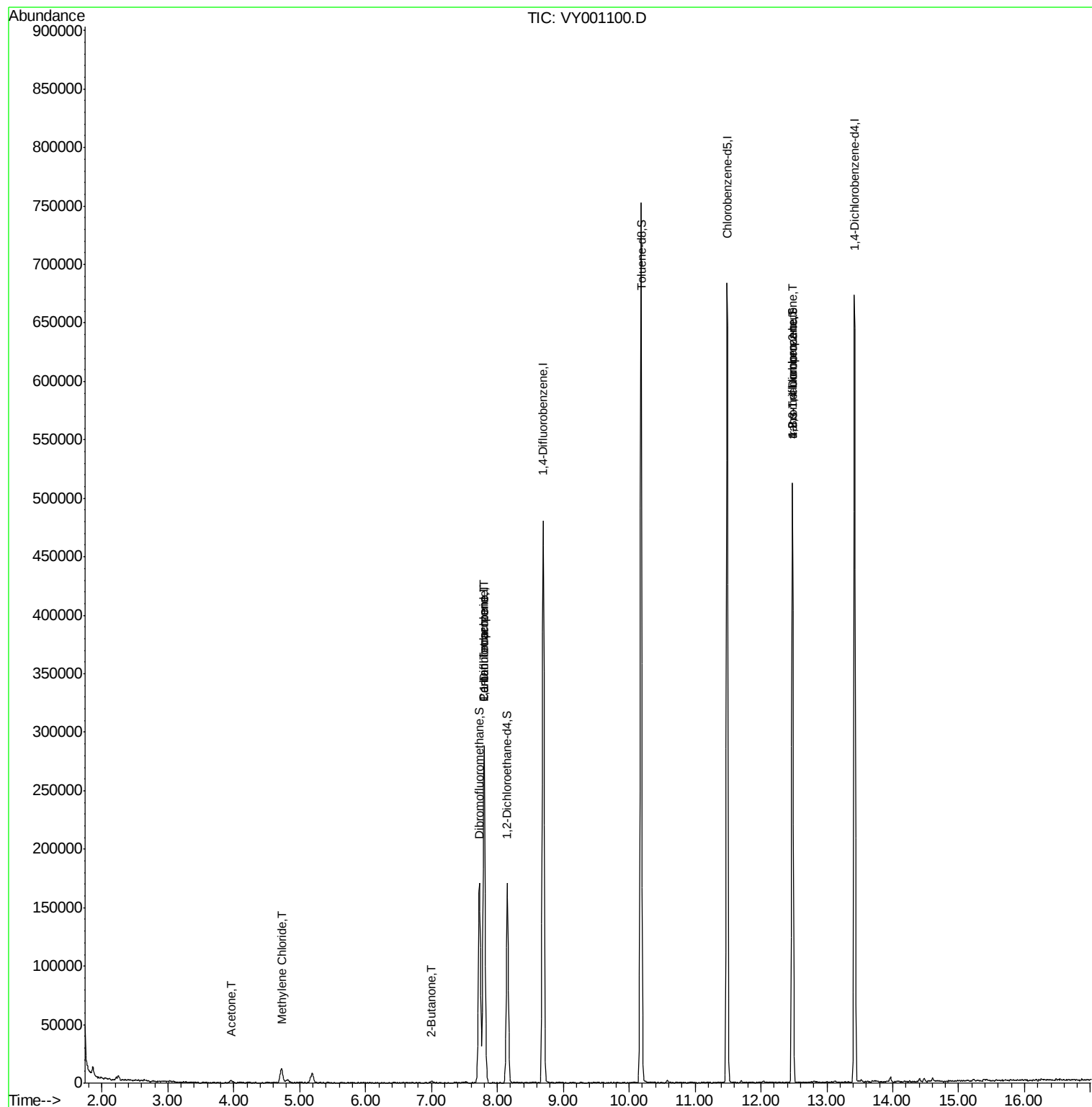
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	230910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	425747	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	389772	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	173765	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	123466	54.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.42%	
35) Dibromofluoromethane	7.73	113	123530	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.54%	
50) Toluene-d8	10.18	98	500525	51.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.18%	
62) 4-Bromofluorobenzene	12.48	95	162087	45.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.50%	
Target Compounds						
					Qvalue	
16) Acetone	3.96	43	3318	6.324	ug/l #	62
20) Methylene Chloride	4.72	84	9343	3.025	ug/l #	80
25) 2-Butanone	7.00	43	936	1.016	ug/l #	78
36) 1,1-Dichloropropene	7.80	75	17543	4.319	ug/l #	41
38) Carbon Tetrachloride	7.80	117	22149	6.224	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	79284	37.011	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	79284	78.936	ug/l #	19

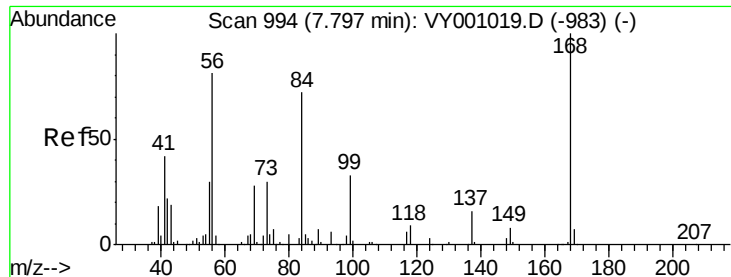
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001100.D

Acq: 27 Dec 2019 16:06

Instrument :

MSVOA_Y

ClientSampleId :

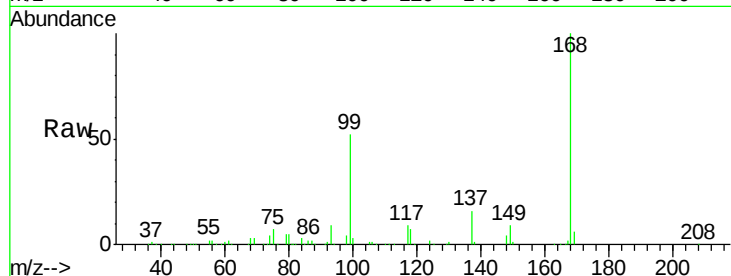
SB-5-(4-5)

Tgt Ion:168 Resp: 230910

Ion Ratio Lower Upper

168 100

99 51.7 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VY001100.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY001100.D (-945) (-)

7.80

100000

80000

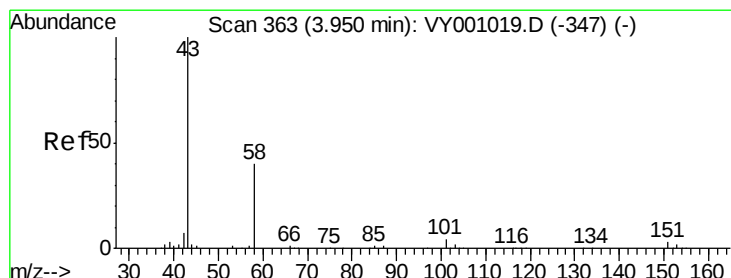
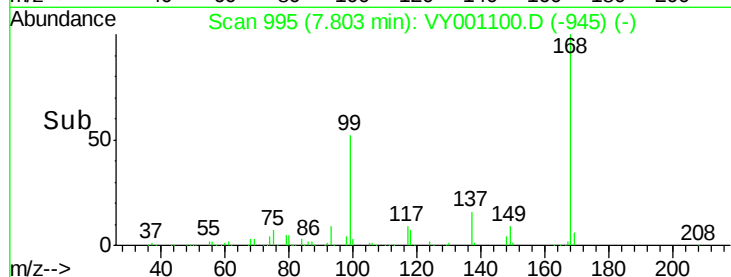
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 6.324 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY001100.D

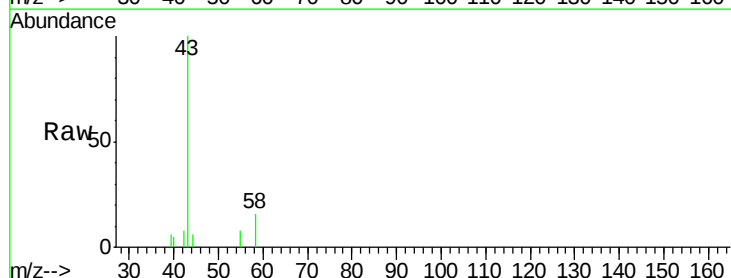
Acq: 27 Dec 2019 16:06

Tgt Ion: 43 Resp: 3318

Ion Ratio Lower Upper

43 100

58 16.3 32.1 48.1#



Abundance Ion 43.00 (42.70 to 43.70): VY001100.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY001100.D (-314) (-)

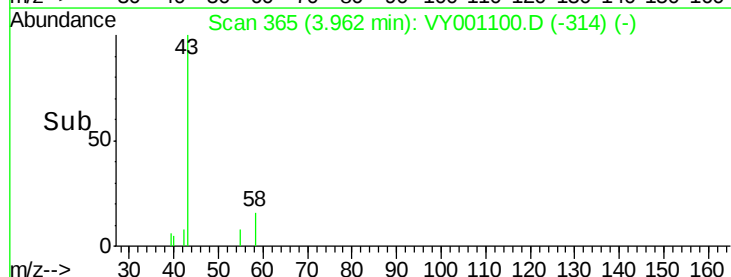
3.96

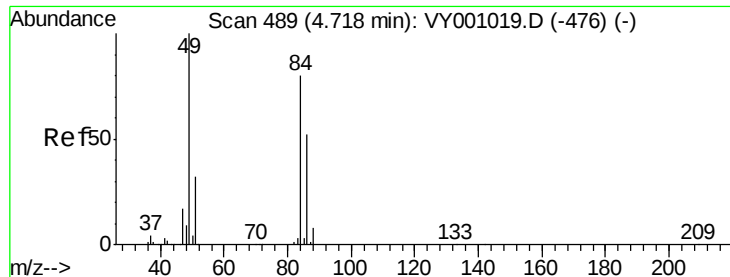
1000

500

0

Time-->

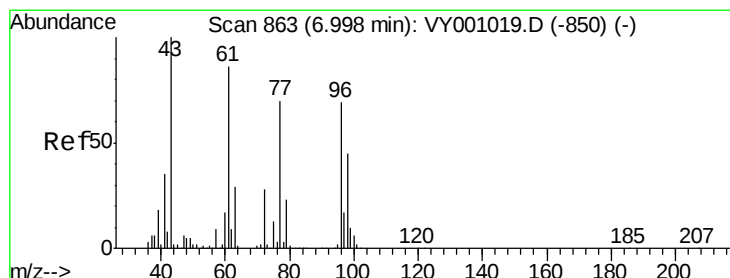
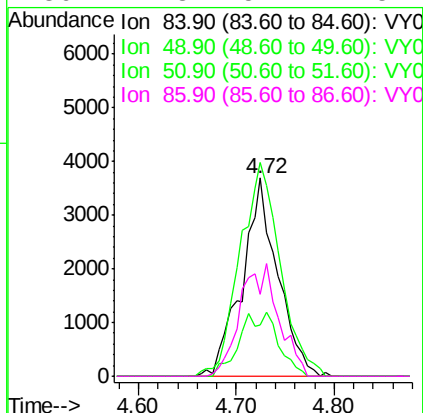
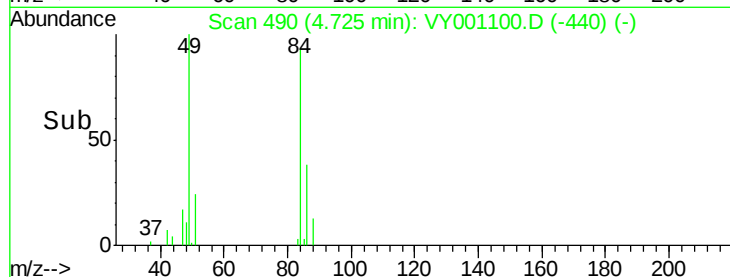
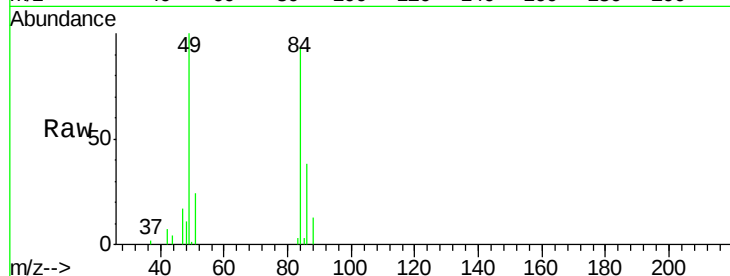




#20
Methylene Chloride
Concen: 3.025 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY001100.D
Acq: 27 Dec 2019 16:06

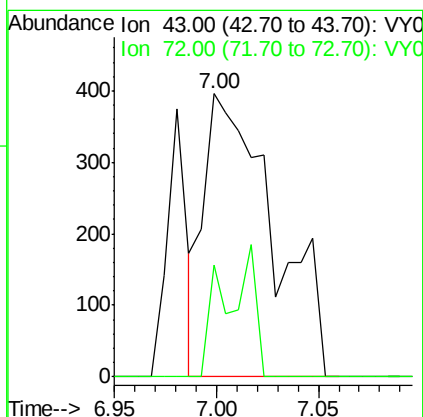
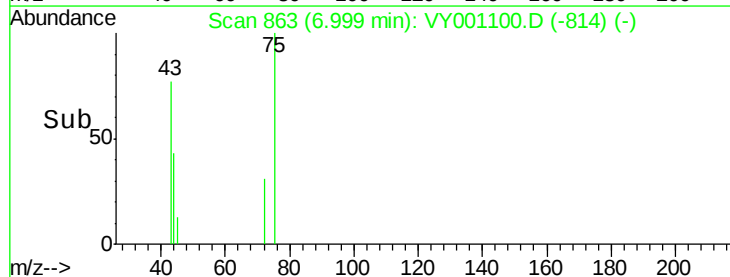
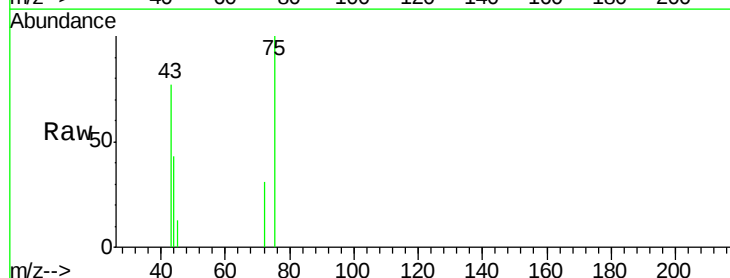
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-(4-5)

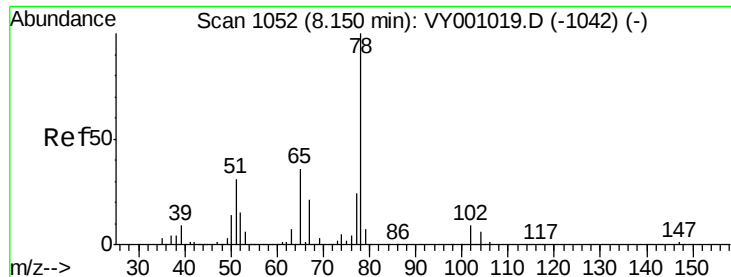
Tgt Ion: 84 Resp: 9343
Ion Ratio Lower Upper
84 100
49 107.7 99.8 149.6
51 26.0 31.4 47.2#
86 41.3 52.2 78.2#



#25
2-Butanone
Concen: 1.016 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY001100.D
Acq: 27 Dec 2019 16:06

Tgt Ion: 43 Resp: 936
Ion Ratio Lower Upper
43 100
72 39.6 22.4 33.6#

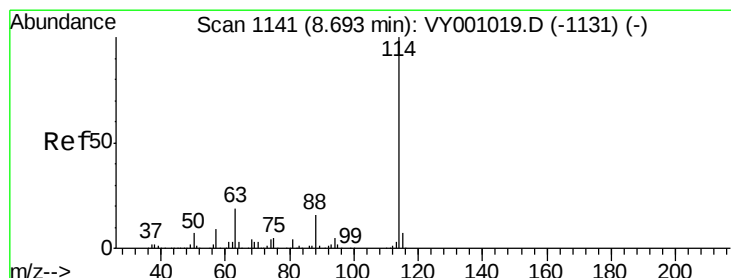
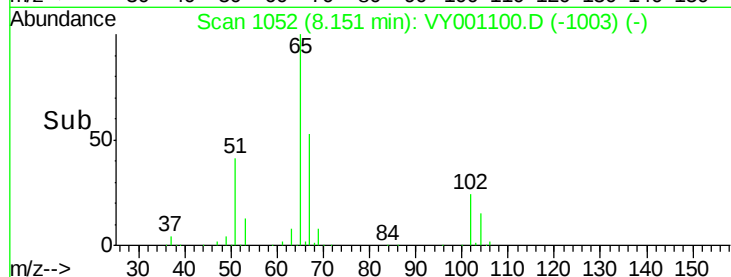
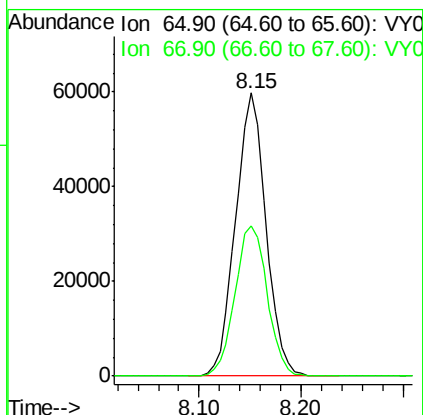
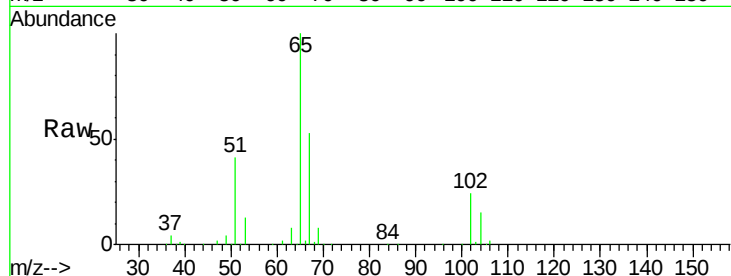




#33
 1,2-Dichloroethane-d4
 Concen: 54.213 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY001100.D
 Acq: 27 Dec 2019 16:06

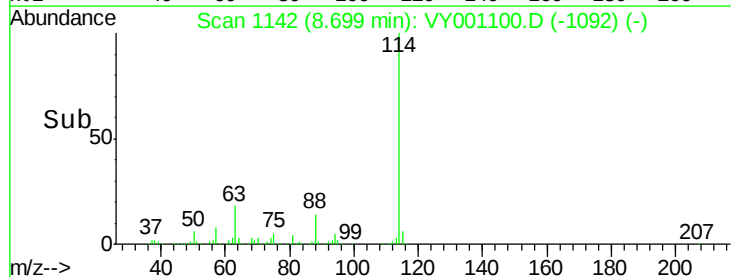
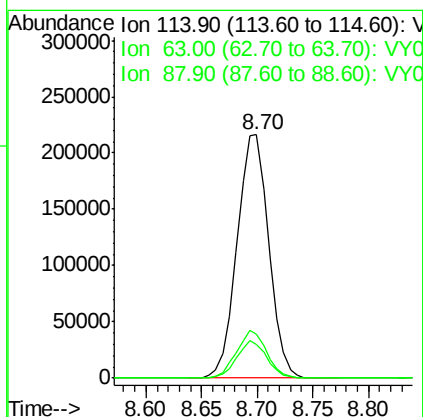
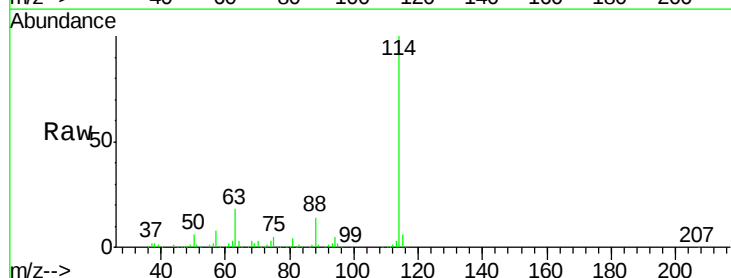
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5-(4-5)

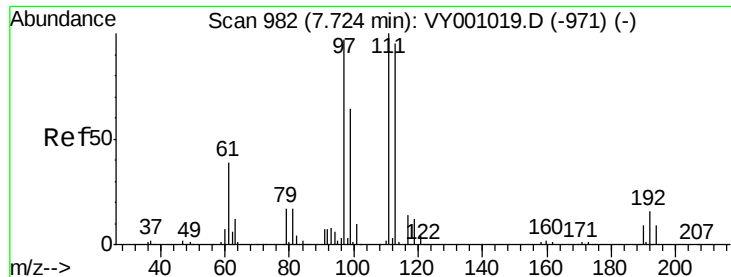
Tgt Ion: 65 Resp: 123466
 Ion Ratio Lower Upper
 65 100
 67 56.4 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: VY001100.D
 Acq: 27 Dec 2019 16:06

Tgt Ion: 114 Resp: 425747
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 37.0
 88 13.8 0.0 32.0

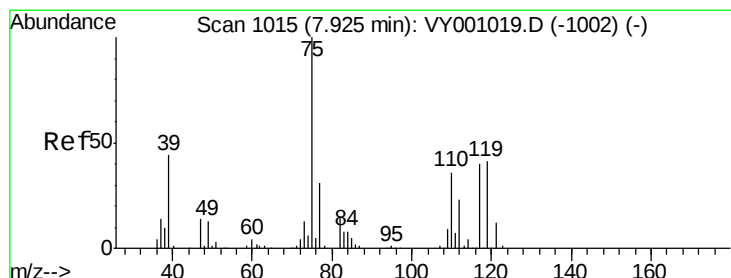
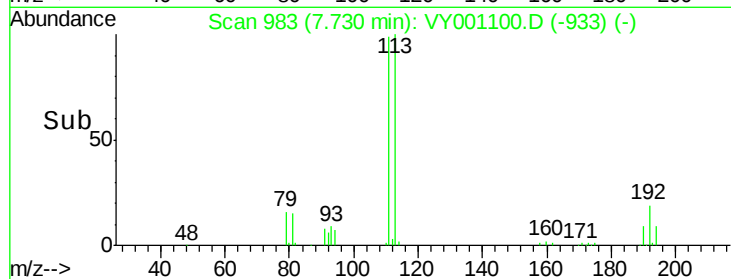
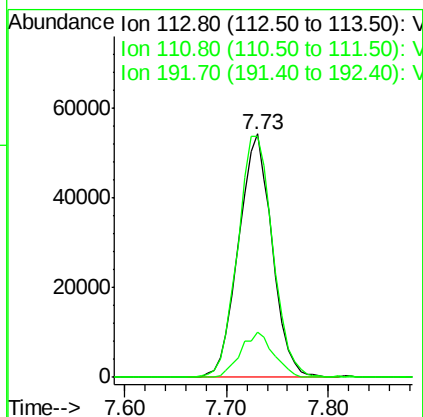
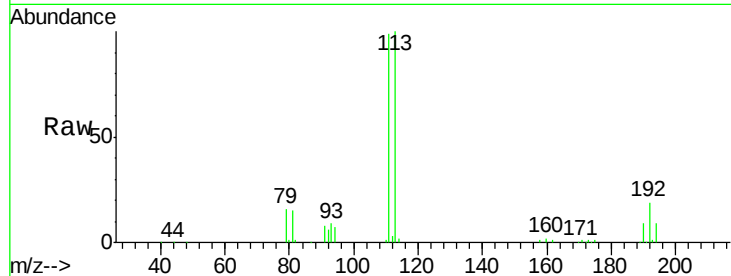




#35
 Dibromofluoromethane
 Concen: 49.273 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VY001100.D
 Acq: 27 Dec 2019 16:06

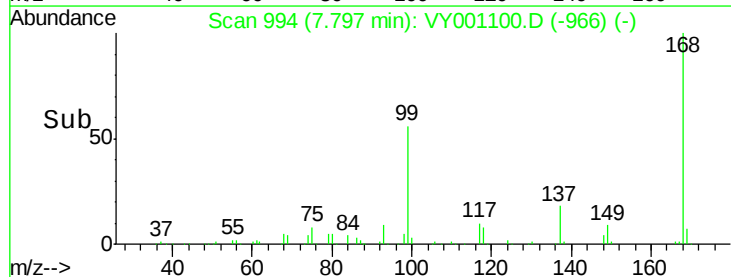
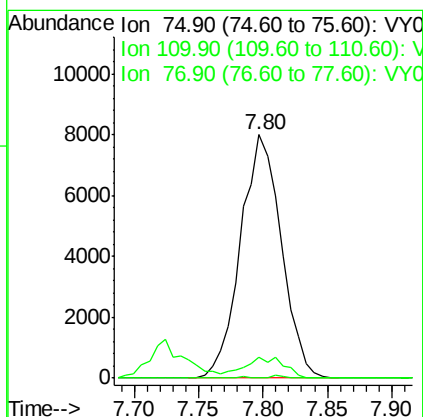
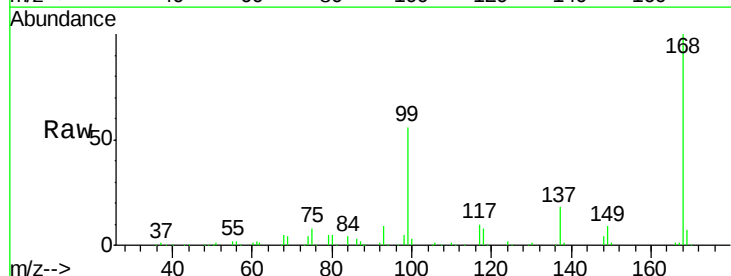
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5-(4-5)

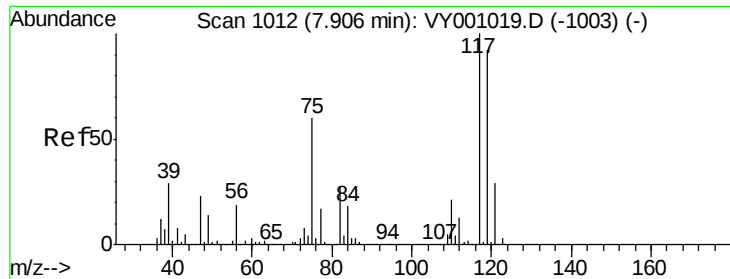
Tgt Ion:113 Resp: 123530
 Ion Ratio Lower Upper
 113 100
 111 104.0 83.0 124.4
 192 18.4 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 4.319 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY001100.D
 Acq: 27 Dec 2019 16:06

Tgt Ion: 75 Resp: 17543
 Ion Ratio Lower Upper
 75 100
 110 0.0 18.1 54.4#
 77 0.2 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 6.224 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY001100.D

Acq: 27 Dec 2019 16:06

Instrument :

MSVOA_Y

ClientSampleId :

SB-5-(4-5)

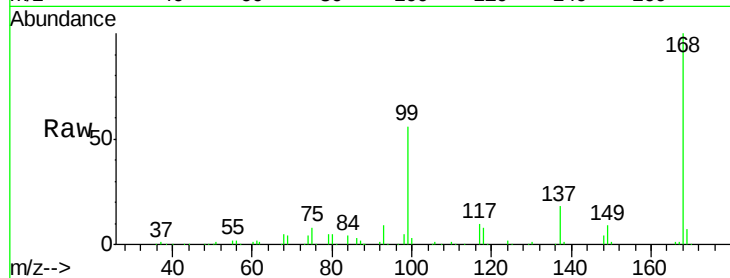
Tgt Ion: 117 Resp: 22149

Ion Ratio Lower Upper

117 100

119 3.6 74.2 111.2#

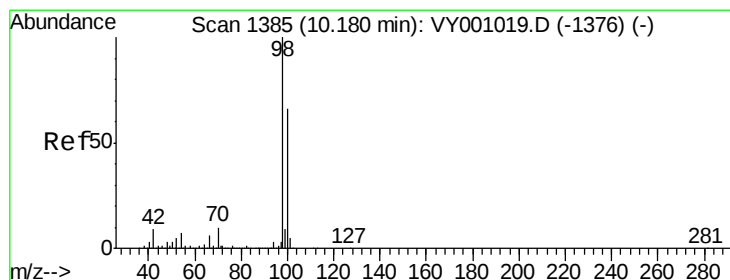
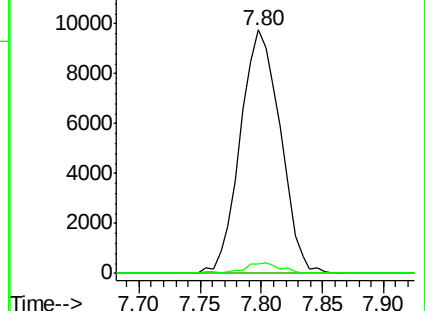
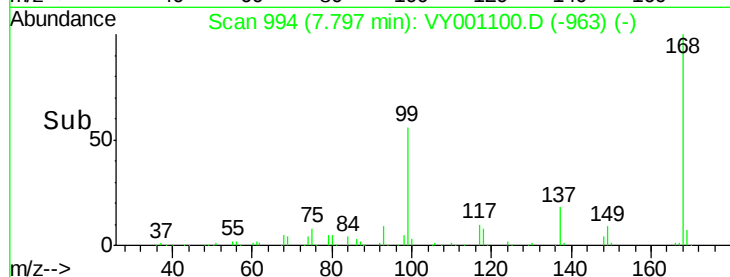
121 0.0 22.9 34.3#



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: 51.087 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001100.D

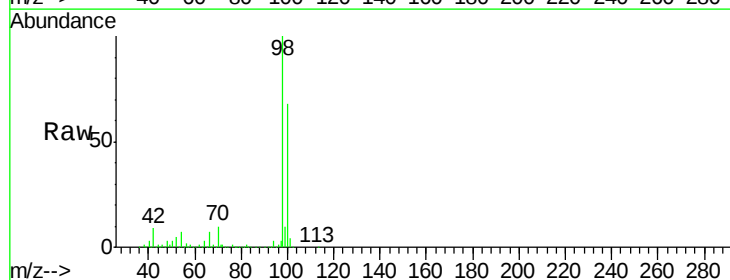
Acq: 27 Dec 2019 16:06

Tgt Ion: 98 Resp: 500525

Ion Ratio Lower Upper

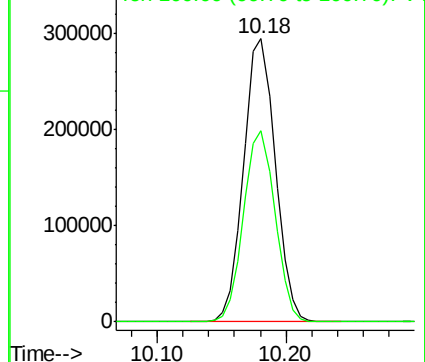
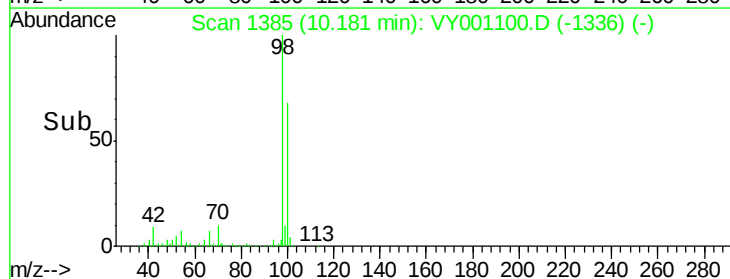
98 100

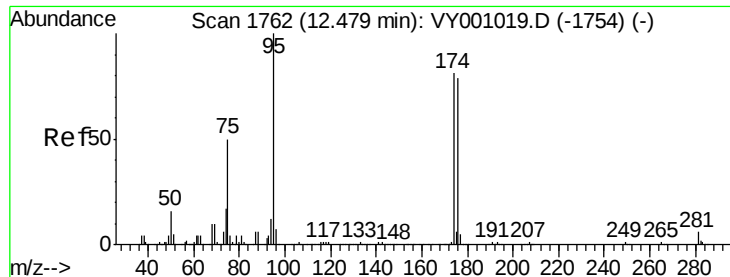
100 67.1 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

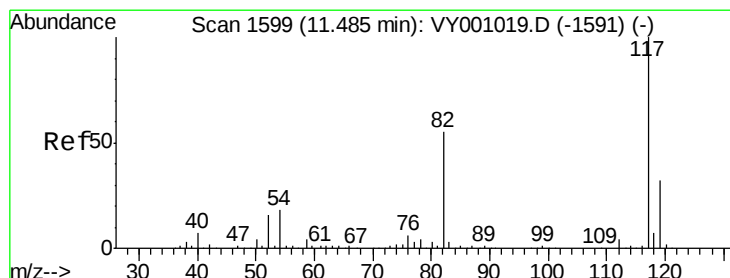
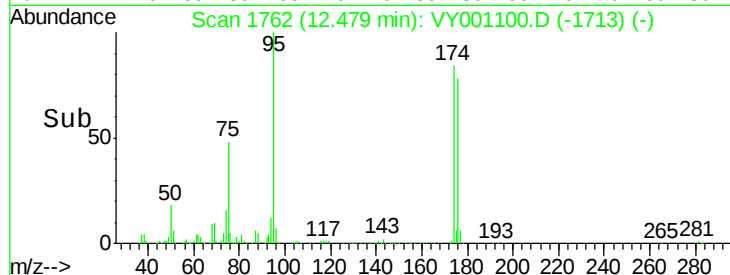
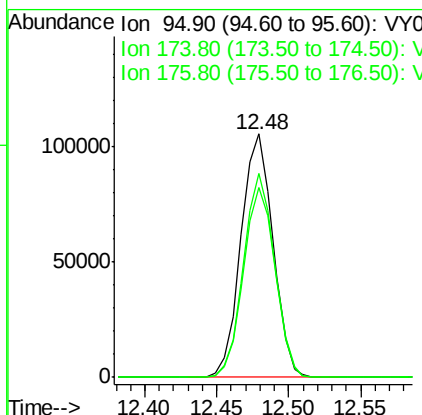
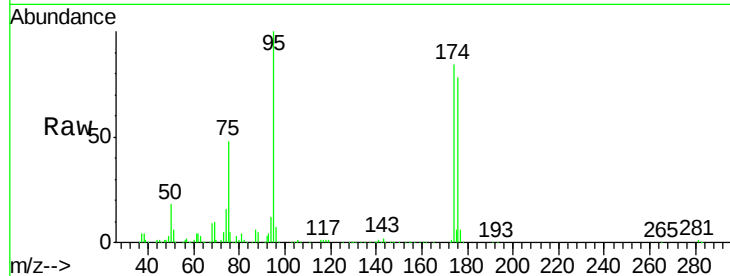




#62
4-Bromofluorobenzene
Concen: 45.249 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY001100.D
Acq: 27 Dec 2019 16:06

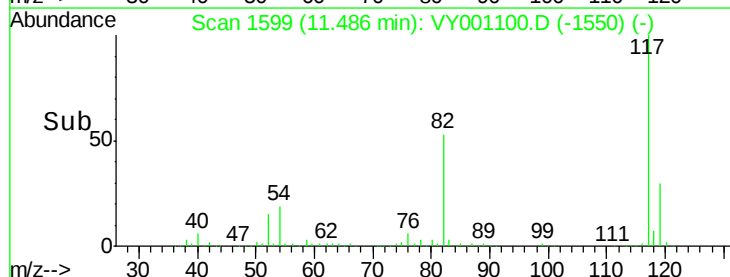
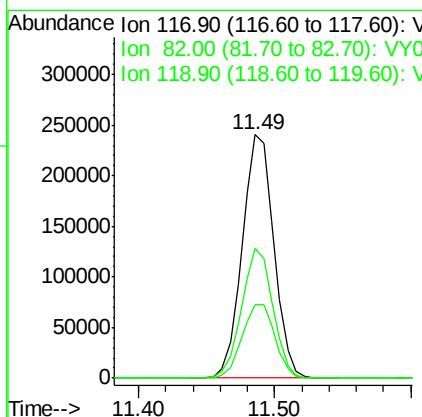
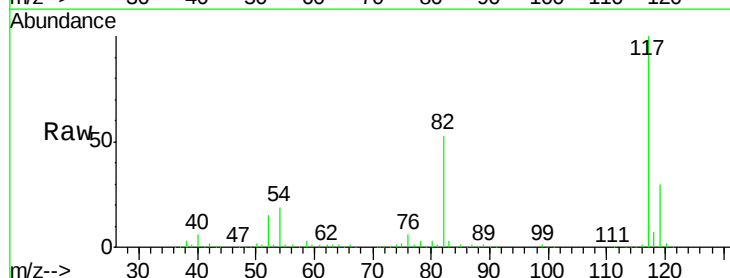
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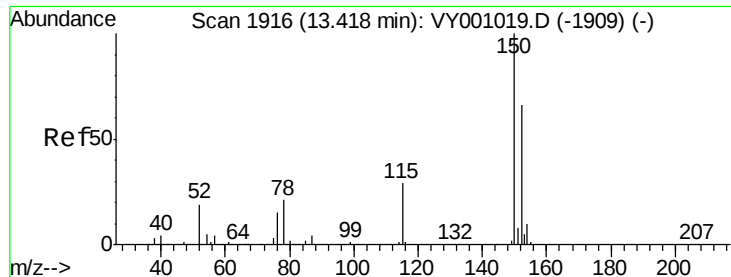
Tgt Ion: 95 Resp: 162087
Ion Ratio Lower Upper
95 100
174 81.6 0.0 156.4
176 77.4 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001100.D
Acq: 27 Dec 2019 16:06

Tgt Ion: 117 Resp: 389772
Ion Ratio Lower Upper
117 100
82 53.1 43.8 65.8
119 30.3 25.8 38.6



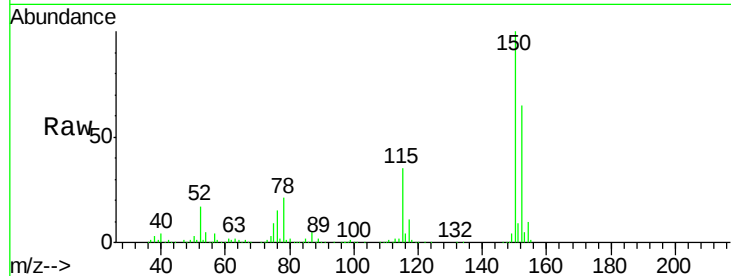


#72

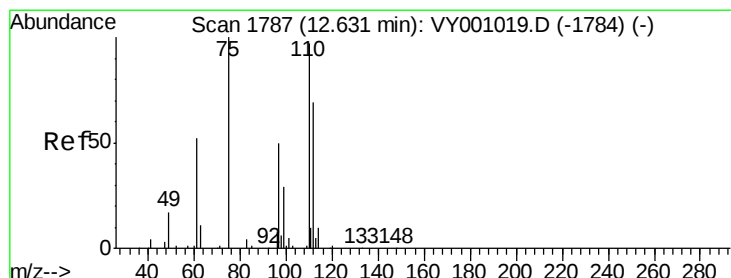
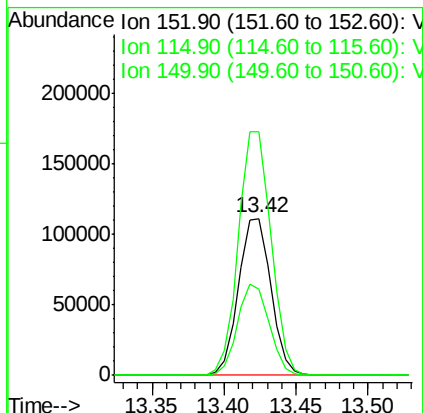
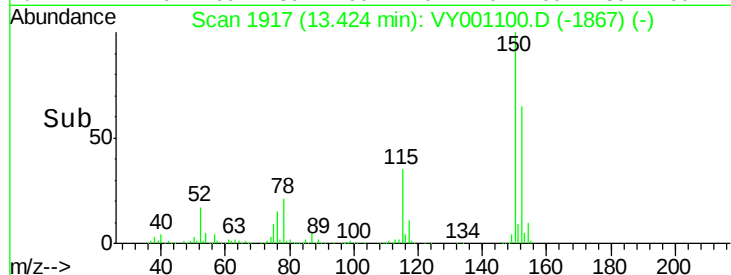
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.01 min
Lab File: VY001100.D
Acq: 27 Dec 2019 16:06

Instrument :
MSVOA_Y
ClientSampleId :
SB-5-(4-5)

Tgt Ion:152 Resp: 173765
Ion Ratio Lower Upper
152 100
115 57.1 29.8 89.3
150 156.4 0.0 352.6



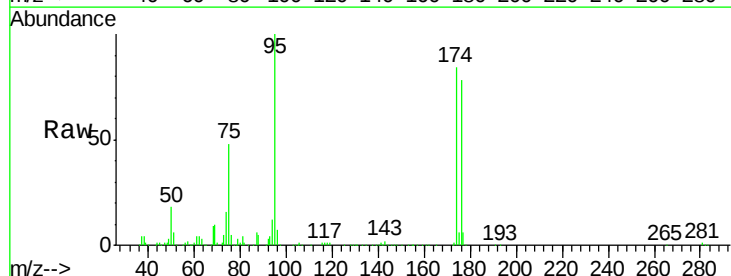
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



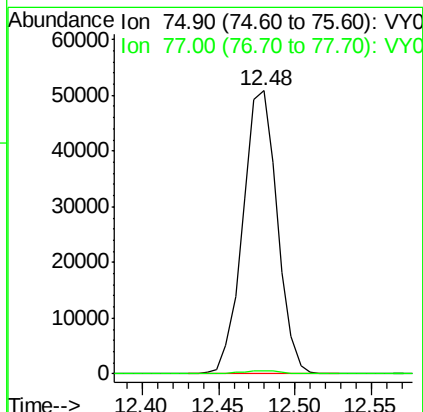
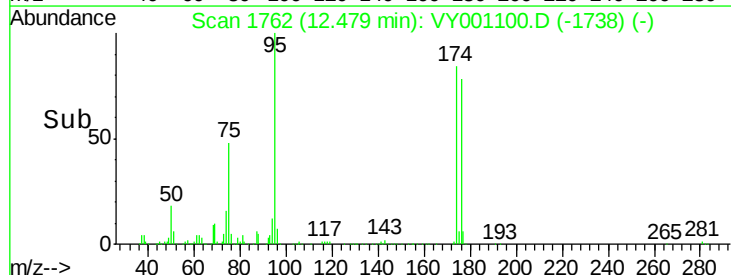
#76

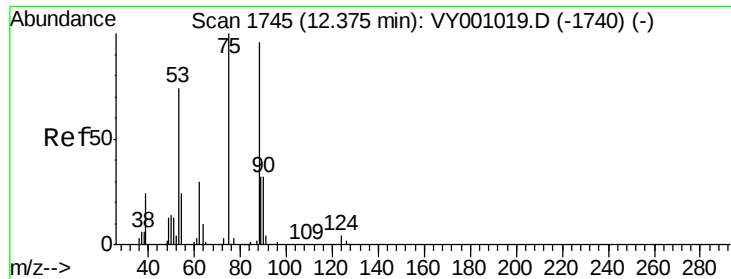
1,2,3-Trichloropropane
Concen: 37.011 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY001100.D
Acq: 27 Dec 2019 16:06

Tgt Ion: 75 Resp: 79284
Ion Ratio Lower Upper
75 100
77 1.1 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: 78.936 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY001100.D

Acq: 27 Dec 2019 16:06

Instrument :

MSVOA_Y

ClientSampleId :

SB-5-(4-5)

Tgt Ion: 75 Resp: 79284

Ion Ratio Lower Upper

75 100

53 0.0 60.6 91.0#

89 0.1 35.4 53.0#

