

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122419\
 Data File : VY001051.D
 Acq On : 24 Dec 2019 16:23
 Operator : SY/MD
 Sample : K6413-10
 Misc : 7.27G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 K005-AB-SB3

Quant Time: Dec 25 01:39:06 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

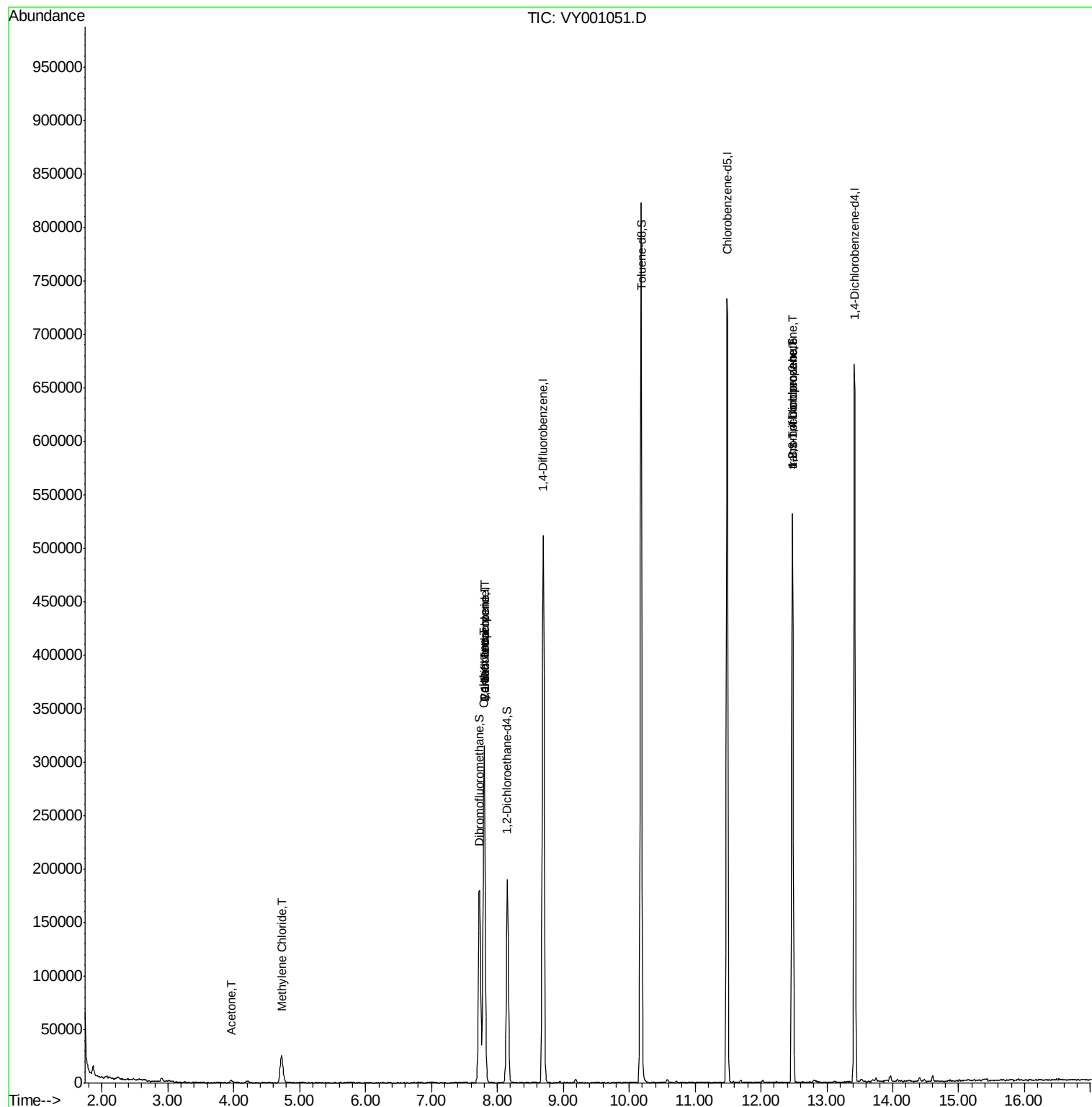
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	241625	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	456658	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	405266	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	168505	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	138439	58.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.18%	
35) Dibromofluoromethane	7.73	113	132445	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.50%	
50) Toluene-d8	10.18	98	534422	50.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.70%	
62) 4-Bromofluorobenzene	12.48	95	172904	45.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.00%	
Target Compounds						
16) Acetone	3.96	43	3725	6.785	ug/l	90
20) Methylene Chloride	4.72	84	19628	6.074	ug/l	90
31) Cyclohexane	7.79	56	5591	1.056	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	20025	4.597	ug/l #	48
38) Carbon Tetrachloride	7.80	117	24217	6.345	ug/l #	17
76) 1,2,3-Trichloropropane	12.47	75	83708	40.296	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.47	75	83708	85.942	ug/l #	19

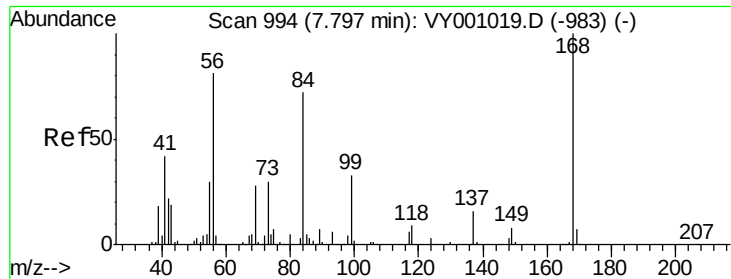
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY122419\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001051.D

Acq: 24 Dec 2019 16:23

Instrument :

MSVOA_Y

ClientSampleId :

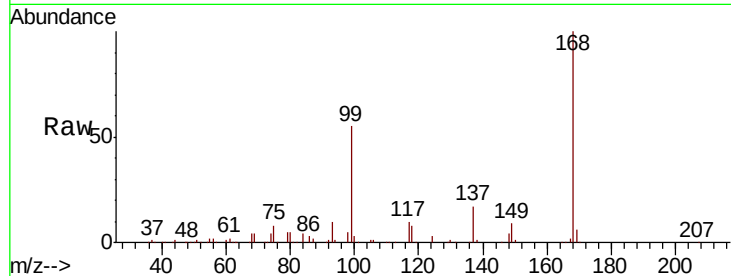
K005-AB-SB3

Tgt Ion:168 Resp: 241625

Ion Ratio Lower Upper

168 100

99 54.9 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

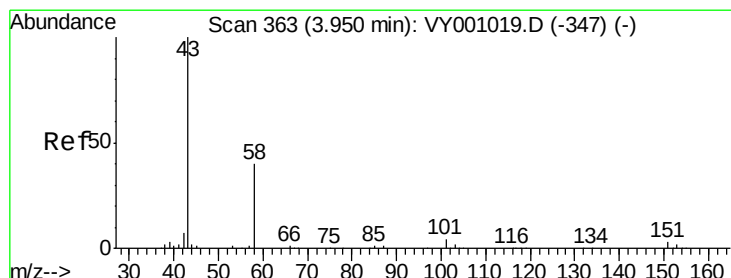
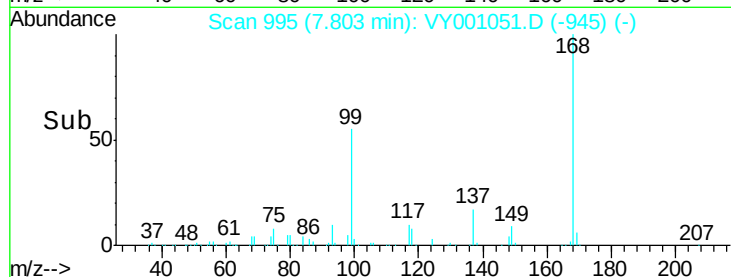
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 6.785 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY001051.D

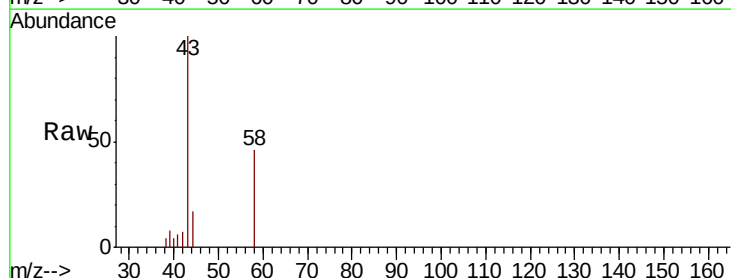
Acq: 24 Dec 2019 16:23

Tgt Ion: 43 Resp: 3725

Ion Ratio Lower Upper

43 100

58 46.5 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) (-)

3.96

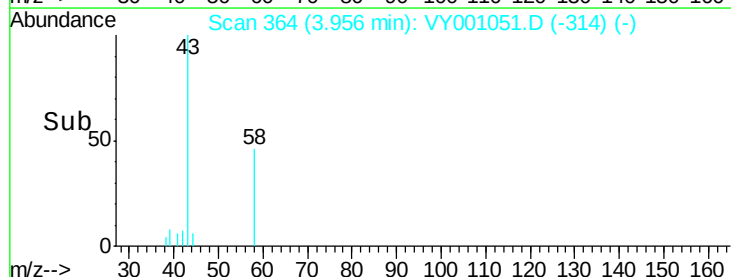
1500

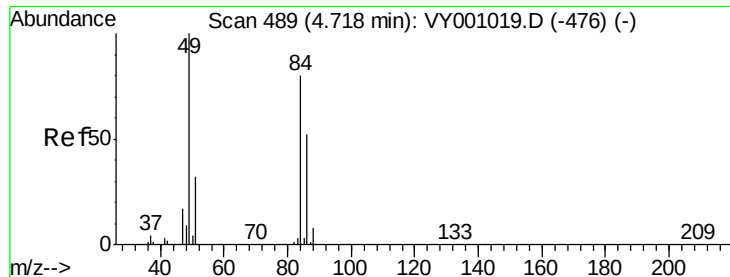
1000

500

0

Time-->

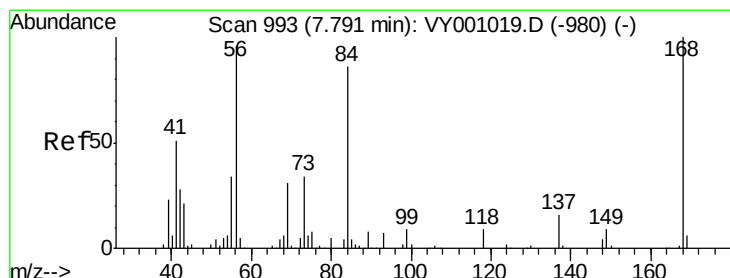
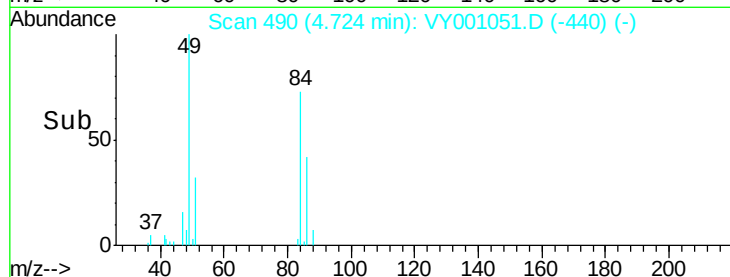
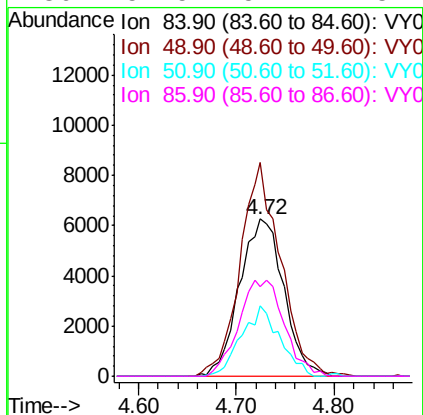
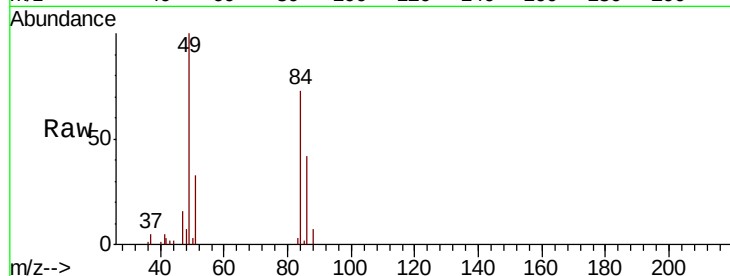




#20
Methylene Chloride
Concen: 6.074 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY001051.D
Acq: 24 Dec 2019 16:23

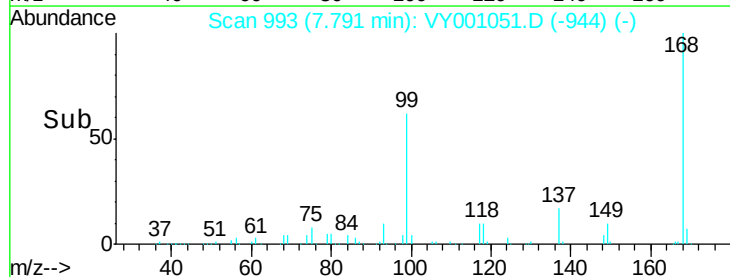
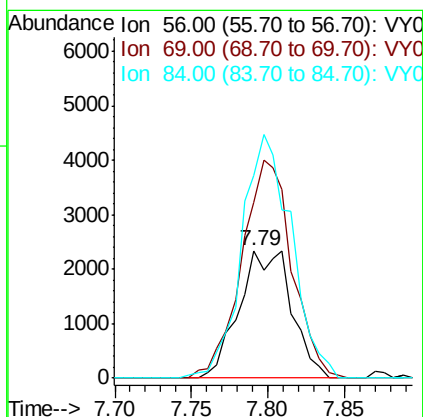
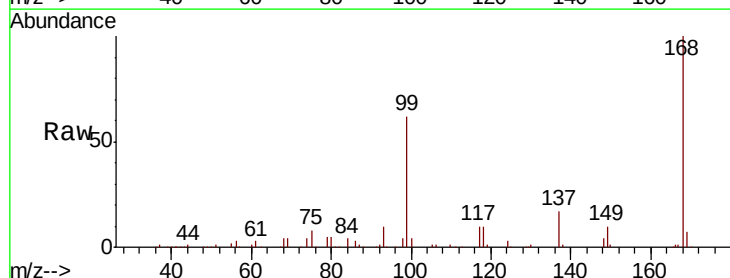
Instrument :
MSVOA_Y
ClientSampleId :
K005-AB-SB3

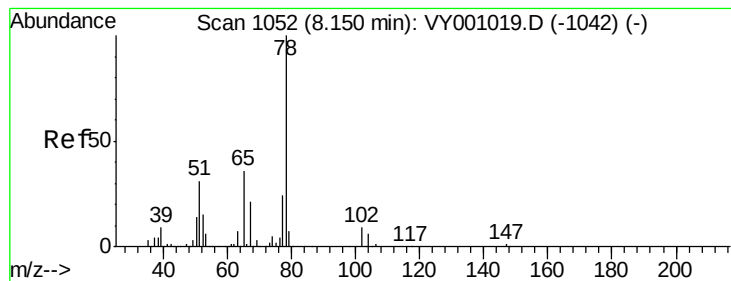
Tgt Ion: 84 Resp: 19628
Ion Ratio Lower Upper
84 100
49 136.1 99.8 149.6
51 44.5 31.4 47.2
86 57.5 52.2 78.2



#31
Cyclohexane
Concen: 1.056 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY001051.D
Acq: 24 Dec 2019 16:23

Tgt Ion: 56 Resp: 5591
Ion Ratio Lower Upper
56 100
69 137.7 26.1 39.1#
84 158.5 71.8 107.8#





#33

1,2-Dichloroethane-d4

Concen: 58.092 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY001051.D

Acq: 24 Dec 2019 16:23

Instrument :

MSVOA_Y

ClientSampleId :

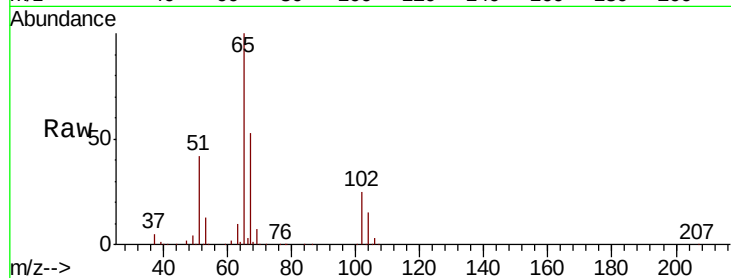
K005-AB-SB3

Tgt Ion: 65 Resp: 138439

Ion Ratio Lower Upper

65 100

67 55.0 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

8.15

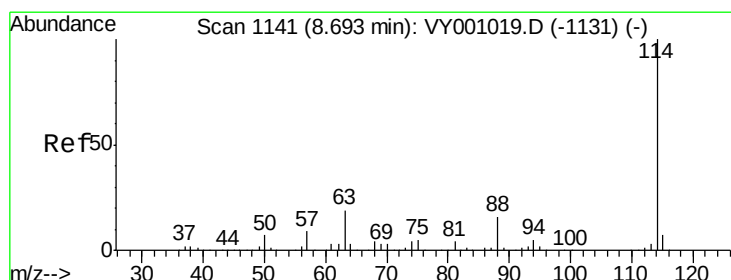
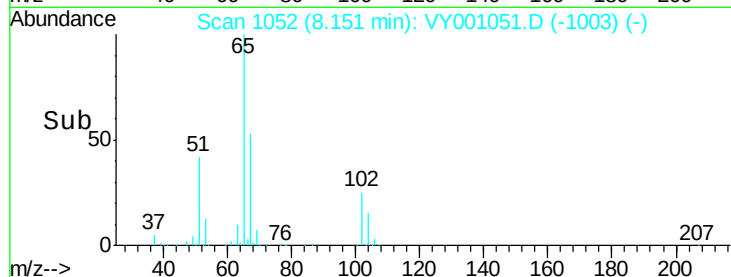
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.01 min

Lab File: VY001051.D

Acq: 24 Dec 2019 16:23

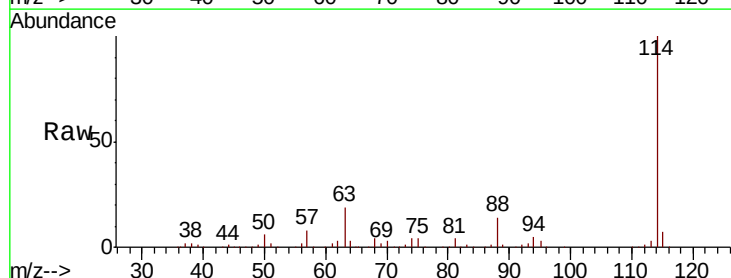
Tgt Ion: 114 Resp: 456658

Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.0

88 14.1 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

8.70

300000

250000

200000

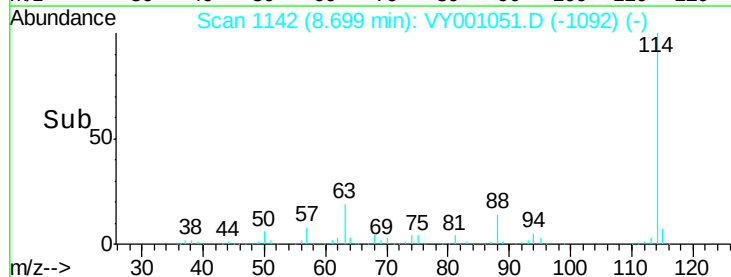
150000

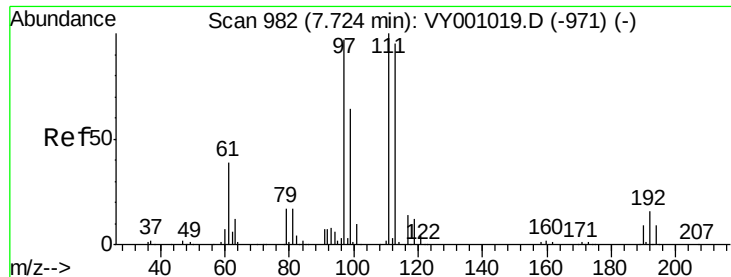
100000

50000

0

Time-->





#35

Dibromofluoromethane

Concen: 49.253 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001051.D

Acq: 24 Dec 2019 16:23

Instrument :

MSVOA_Y

ClientSampleId :

K005-AB-SB3

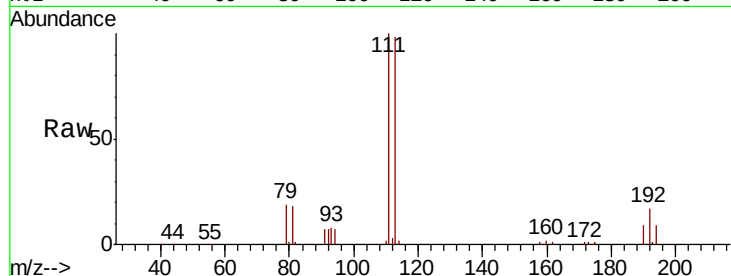
Tgt Ion:113 Resp: 132445

Ion Ratio Lower Upper

113 100

111 104.6 83.0 124.4

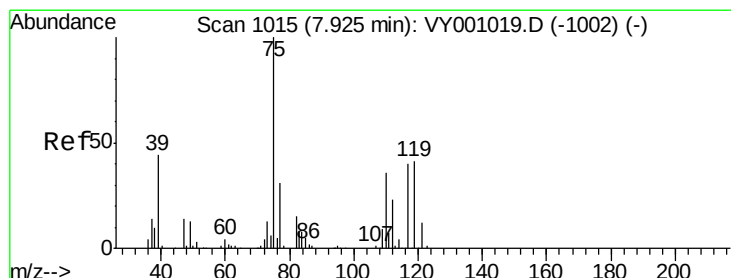
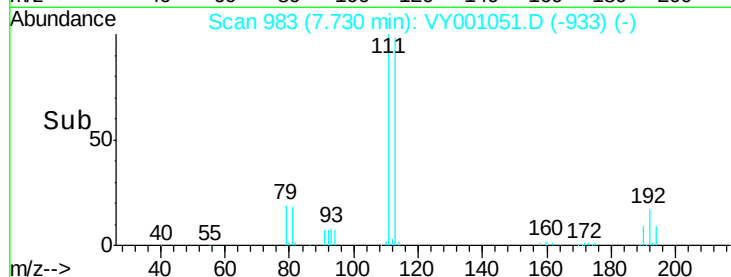
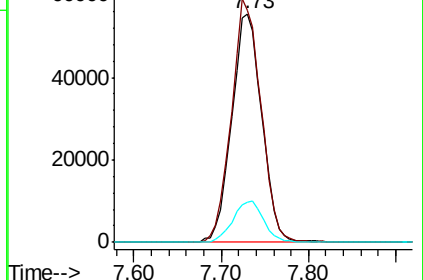
192 18.4 14.6 21.8



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: 4.597 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY001051.D

Acq: 24 Dec 2019 16:23

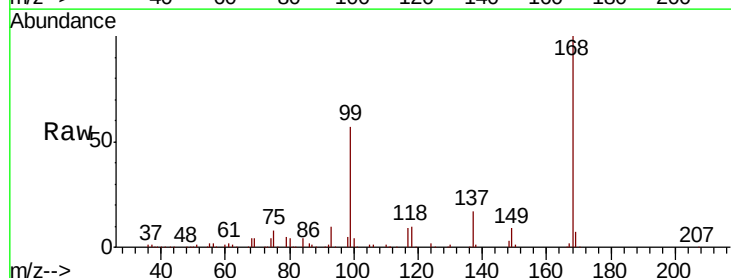
Tgt Ion: 75 Resp: 20025

Ion Ratio Lower Upper

75 100

110 7.4 18.1 54.4#

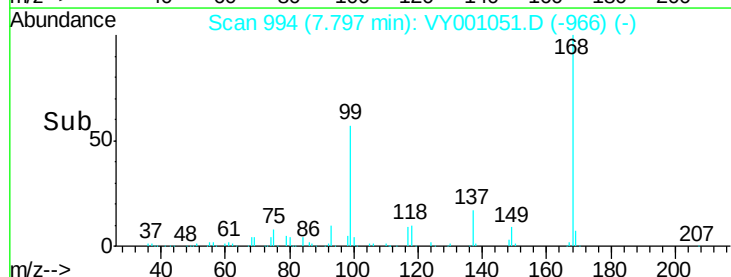
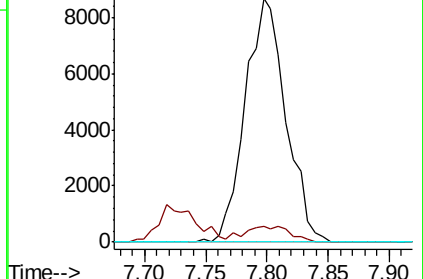
77 0.0 24.6 37.0#

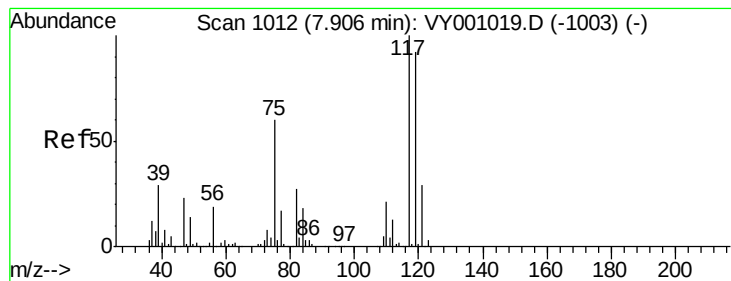


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#38

Carbon Tetrachloride

Concen: 6.345 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.10 min

Lab File: VY001051.D

Acq: 24 Dec 2019 16:23

Instrument :

MSVOA_Y

ClientSampleId :

K005-AB-SB3

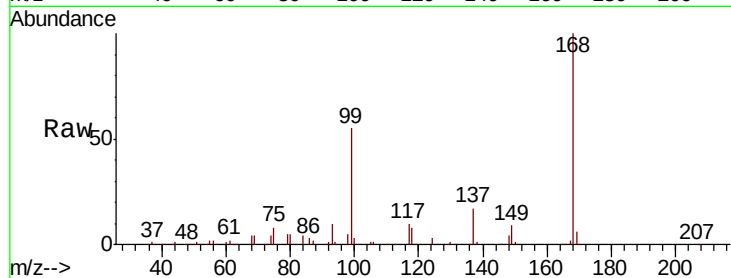
Tgt Ion:117 Resp: 24217

Ion Ratio Lower Upper

117 100

119 4.1 74.2 111.2#

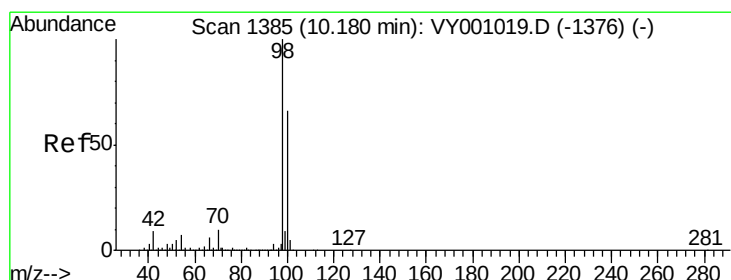
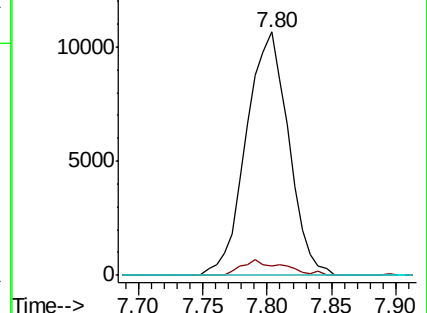
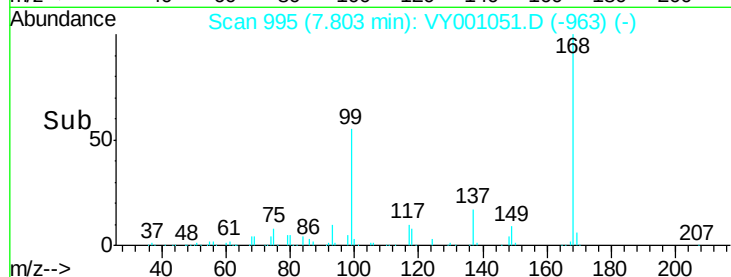
121 0.0 22.9 34.3#



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: 50.855 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001051.D

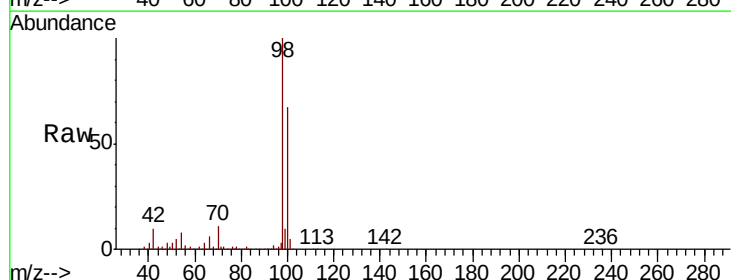
Acq: 24 Dec 2019 16:23

Tgt Ion: 98 Resp: 534422

Ion Ratio Lower Upper

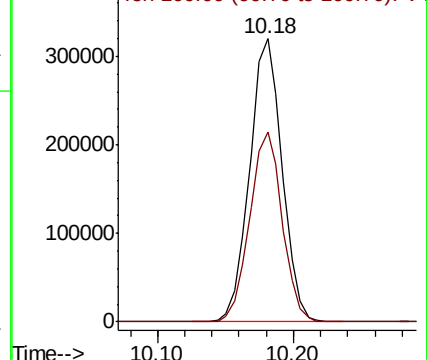
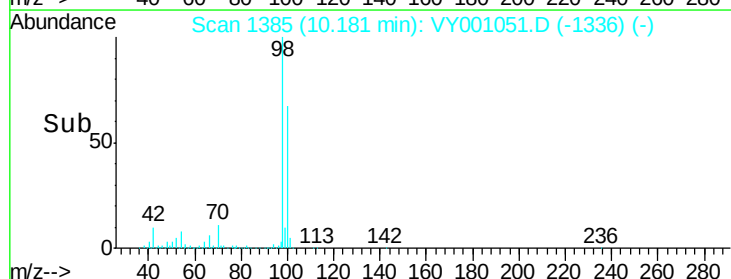
98 100

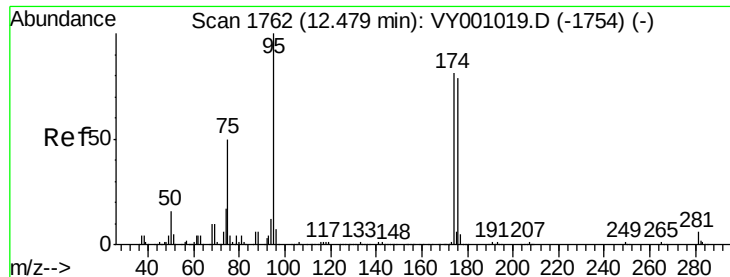
100 67.1 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

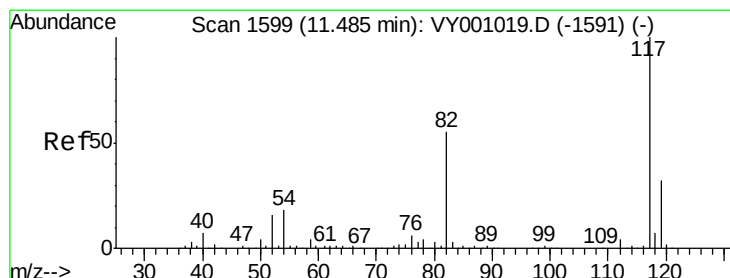
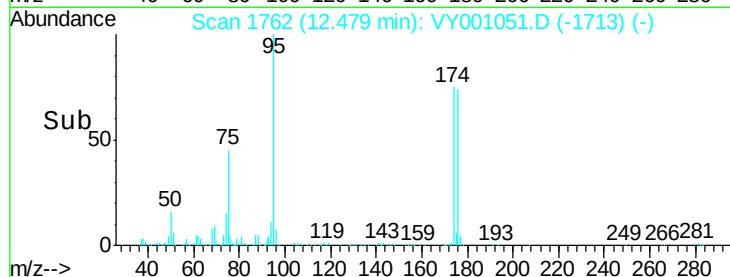
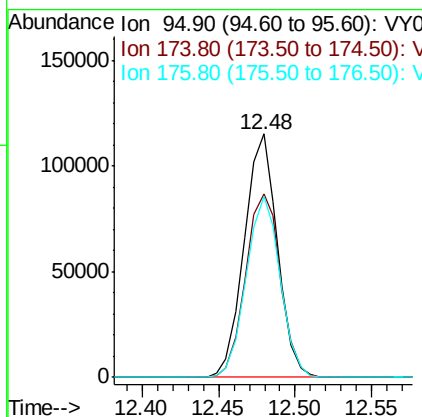
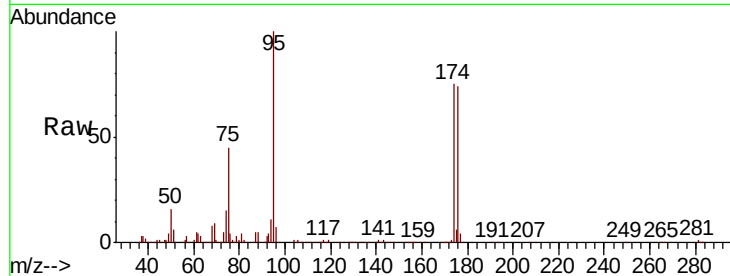




#62
4-Bromofluorobenzene
Concen: 45.001 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY001051.D
Acq: 24 Dec 2019 16:23

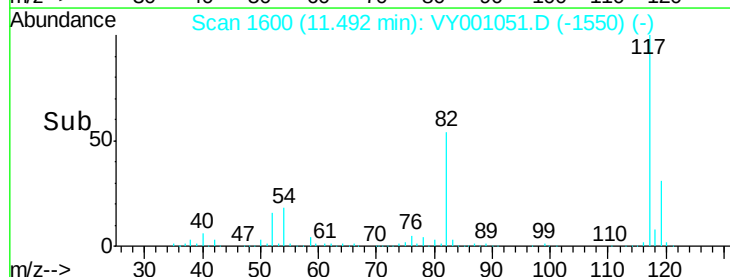
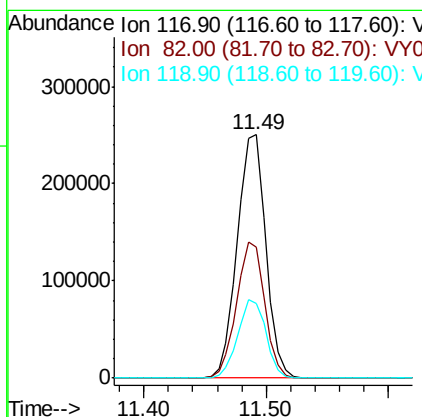
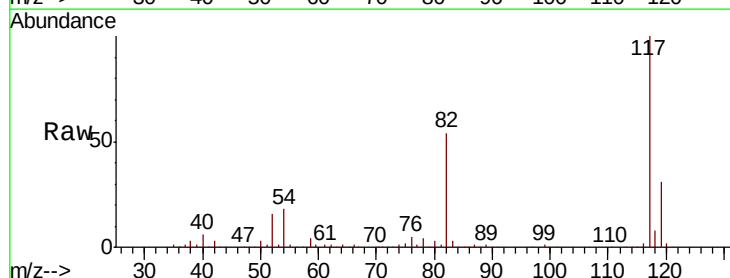
Instrument :
MSVOA_Y
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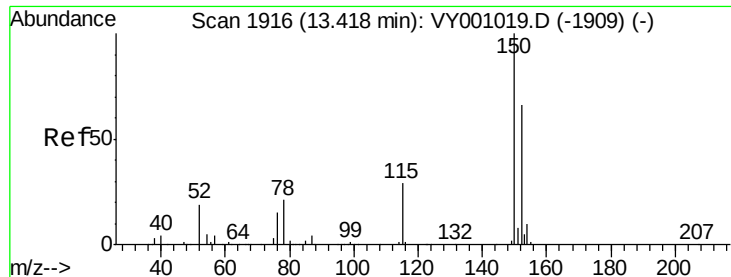
Tgt Ion: 95 Resp: 172904
Ion Ratio Lower Upper
95 100
174 79.2 0.0 156.4
176 76.1 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001051.D
Acq: 24 Dec 2019 16:23

Tgt Ion: 117 Resp: 405266
Ion Ratio Lower Upper
117 100
82 53.6 43.8 65.8
119 30.7 25.8 38.6



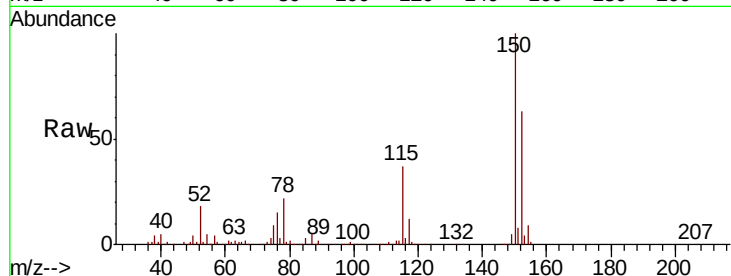


#72

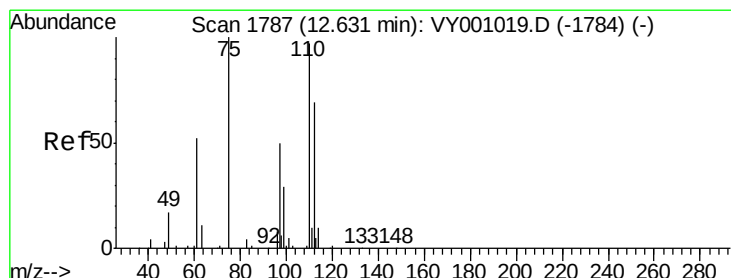
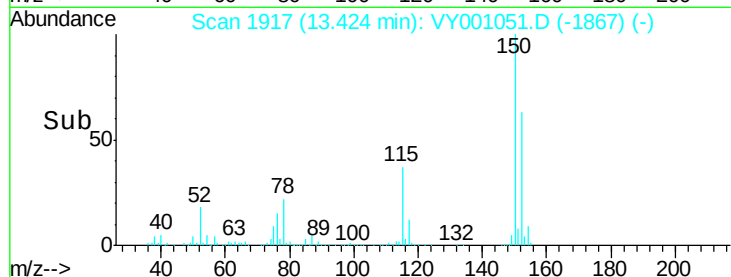
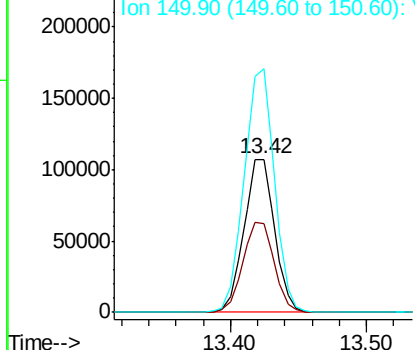
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.01 min
Lab File: VY001051.D
Acq: 24 Dec 2019 16:23

Instrument :
MSVOA_Y
ClientSampleId :
K005-AB-SB3

Tgt Ion:152 Resp: 168505
Ion Ratio Lower Upper
152 100
115 59.7 29.8 89.3
150 157.3 0.0 352.6



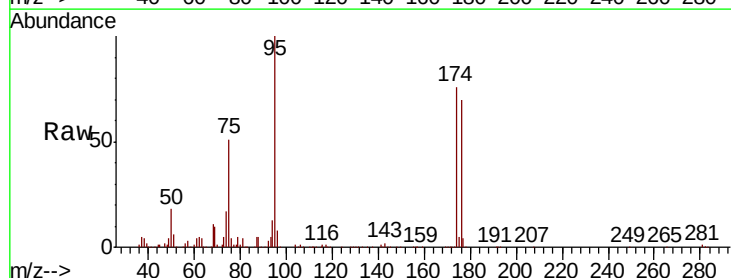
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



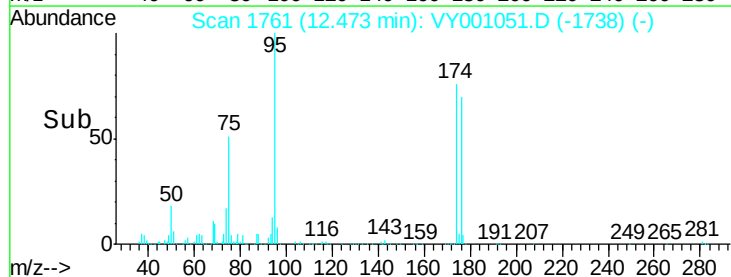
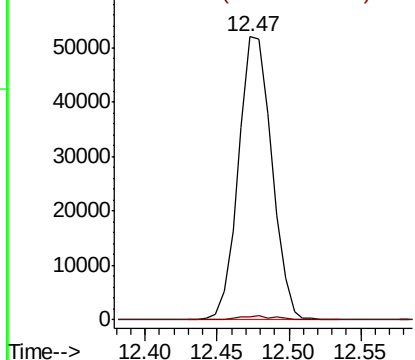
#76

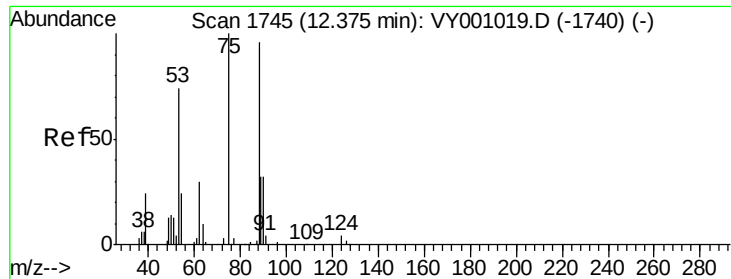
1,2,3-Trichloropropane
Concen: 40.296 ug/l
RT: 12.47 min Scan# 1761
Delta R.T. -0.16 min
Lab File: VY001051.D
Acq: 24 Dec 2019 16:23

Tgt Ion: 75 Resp: 83708
Ion Ratio Lower Upper
75 100
77 1.7 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: 85.942 ug/l

RT: 12.47 min Scan# 1761

Delta R.T. 0.10 min

Lab File: VY001051.D

Acq: 24 Dec 2019 16:23

Instrument :

MSVOA_Y

ClientSampleId :

K005-AB-SB3

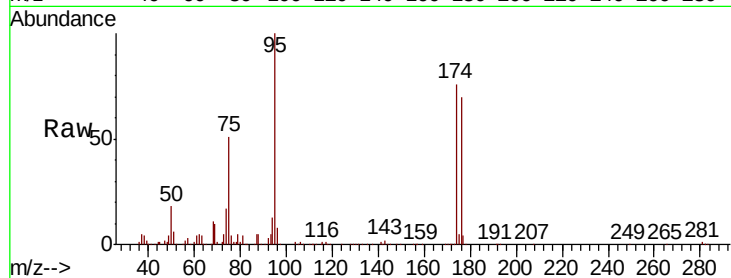
Tgt Ion: 75 Resp: 83708

Ion Ratio Lower Upper

75 100

53 0.0 60.6 91.0#

89 0.3 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

