

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121919\
 Data File : VY001011.D
 Acq On : 19 Dec 2019 13:36
 Operator : SY/MD
 Sample : K6370-05RE
 Misc : 5.14G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP2-3

Quant Time: Dec 20 03:48:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	242928	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	443120	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	389229	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	165502	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	132946	51.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.00%	
35) Dibromofluoromethane	7.73	113	127616	49.42	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.84%	
50) Toluene-d8	10.18	98	521445	50.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.00%	
62) 4-Bromofluorobenzene	12.48	95	168144	43.36	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	86.72%	

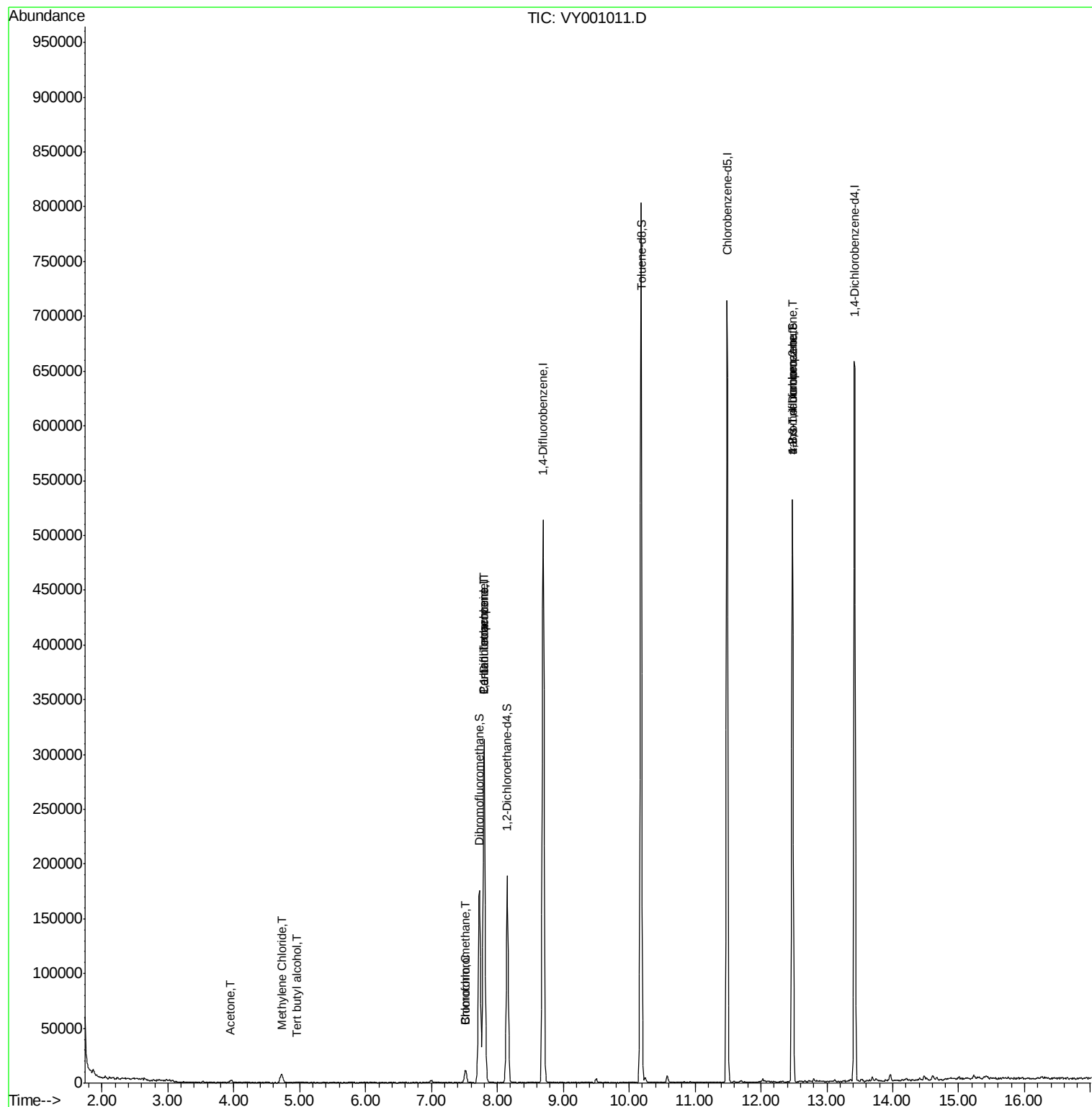
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.67	94	294	Below Cal	#	46
11) Tert butyl alcohol	4.95	59	684	2.634	ug/l #	85
16) Acetone	3.95	43	3624	6.120	ug/l #	45
20) Methylene Chloride	4.73	84	6206	1.988	ug/l #	73
28) Bromochloromethane	7.51	49	922	2.482	ug/l #	15
30) Chloroform	7.52	83	12105	2.332	ug/l	90
36) 1,1-Dichloropropene	7.79	75	19396	4.402	ug/l #	48
38) Carbon Tetrachloride	7.80	117	23283	5.934	ug/l #	13
76) 1,2,3-Trichloropropane	12.48	75	85851	45.784	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	85851	89.933	ug/l #	18

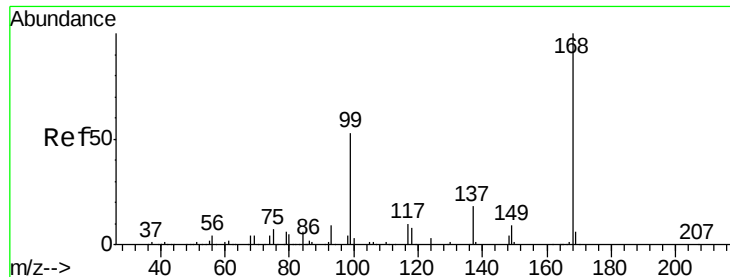
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY121919\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY001011.D

Acq: 19 Dec 2019 13:36

Instrument :

MSVOA_Y

ClientSampleId :

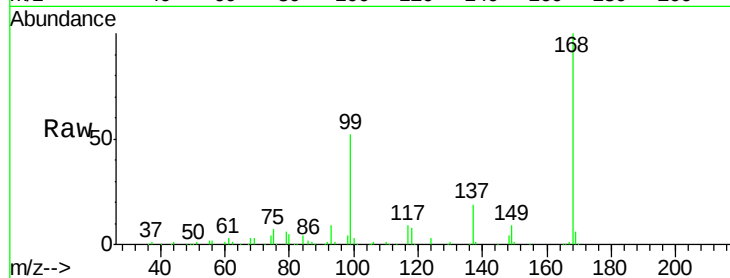
TP2-3

Tgt Ion: 168 Resp: 242928

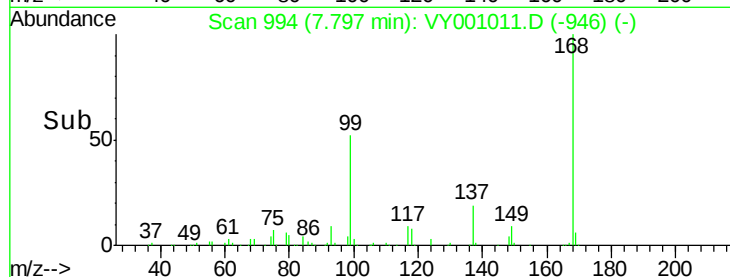
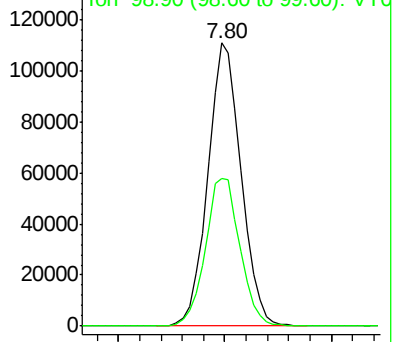
Ion Ratio Lower Upper

168 100

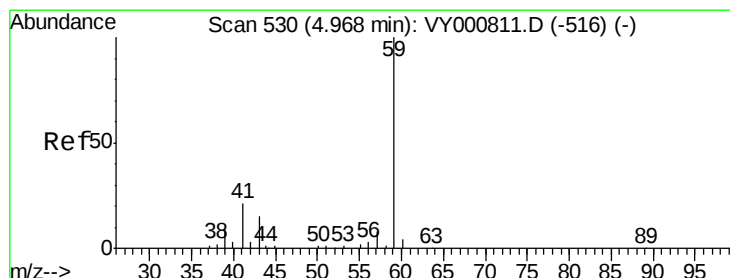
99 52.3 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY001011.D (-946) (-)



Time-->



#11

Tert butyl alcohol

Concen: 2.634 ug/l

RT: 4.95 min Scan# 527

Delta R.T. -0.02 min

Lab File: VY001011.D

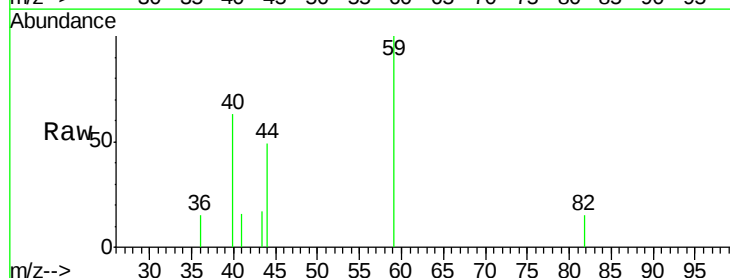
Acq: 19 Dec 2019 13:36

Tgt Ion: 59 Resp: 684

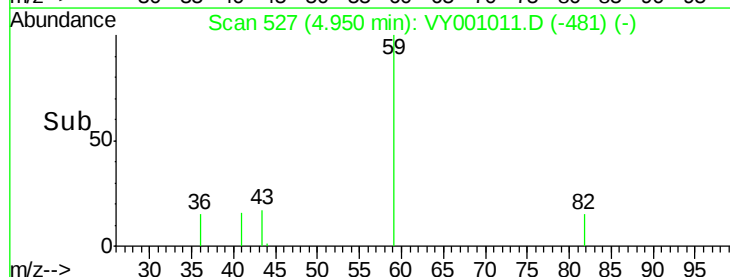
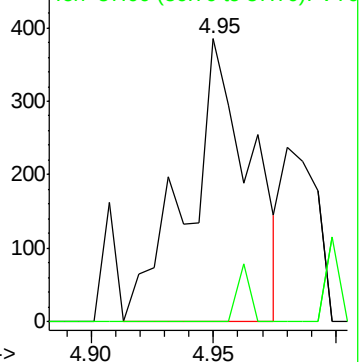
Ion Ratio Lower Upper

59 100

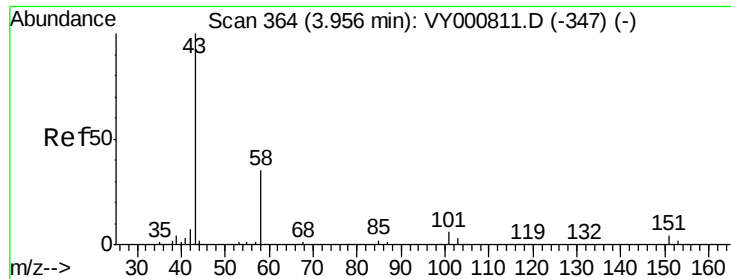
57 4.2 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VY001011.D (-481) (-)



Time-->



#16

Acetone

Concen: 6.120 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.01 min

Lab File: VY001011.D

Acq: 19 Dec 2019 13:36

Instrument :

MSVOA_Y

ClientSampleId :

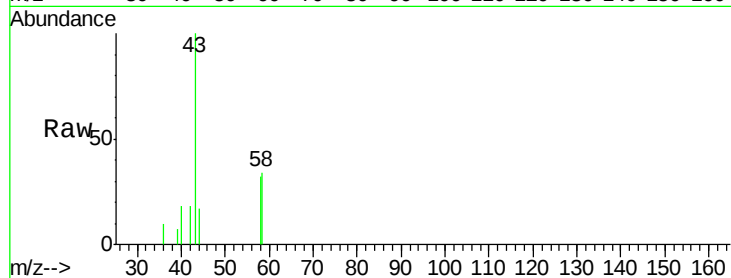
TP2-3

Tgt Ion: 43 Resp: 3624

Ion Ratio Lower Upper

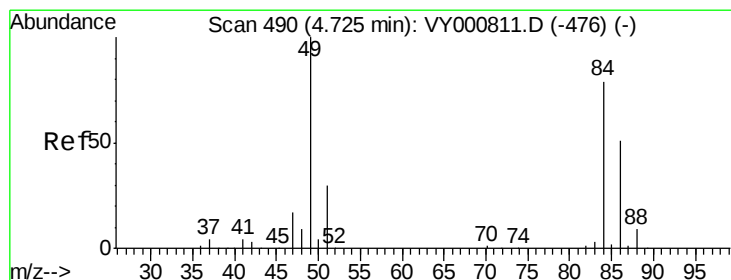
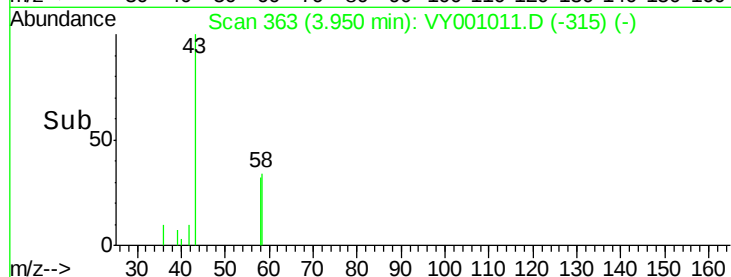
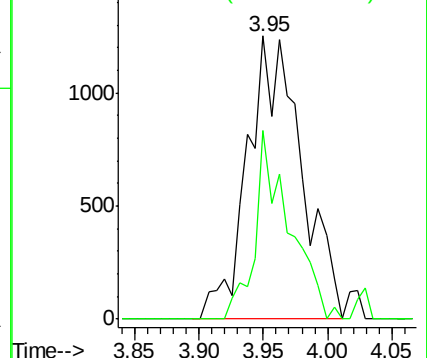
43 100

58 66.7 28.0 42.0#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#20

Methylene Chloride

Concen: 1.988 ug/l

RT: 4.73 min Scan# 491

Delta R.T. 0.01 min

Lab File: VY001011.D

Acq: 19 Dec 2019 13:36

Tgt Ion: 84 Resp: 6206

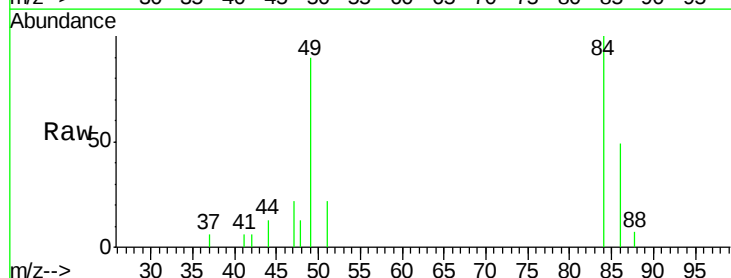
Ion Ratio Lower Upper

84 100

49 90.2 101.3 151.9#

51 21.6 30.6 45.8#

86 49.1 51.3 76.9#

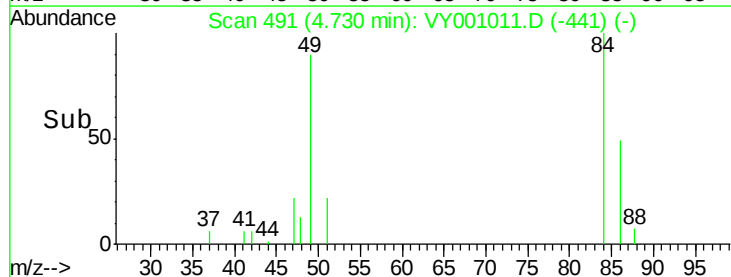
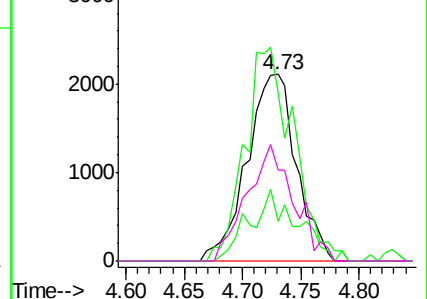


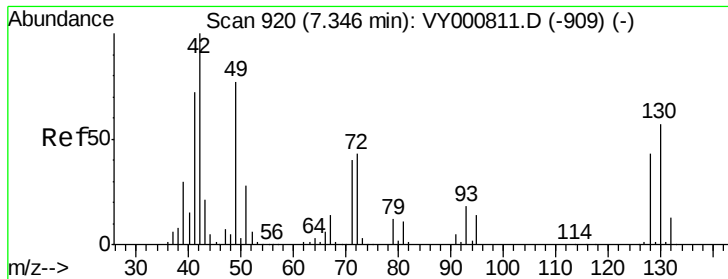
Abundance Ion 83.90 (83.60 to 84.60): VY0

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





#28

Bromochloromethane

Concen: 2.482 ug/l

RT: 7.51 min Scan# 947

Delta R.T. 0.16 min

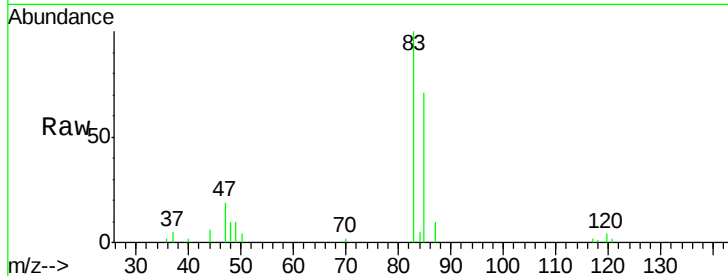
Lab File: VY001011.D

Acq: 19 Dec 2019 13:36

Instrument :
MSVOA_Y
ClientSampleId :
TP2-3

Tgt Ion: 49 Resp: 922

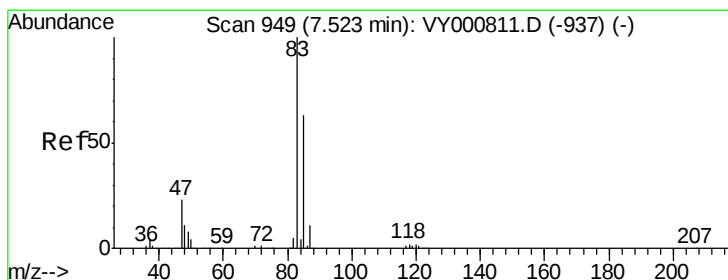
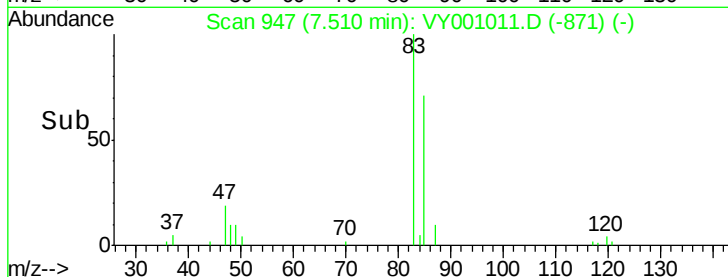
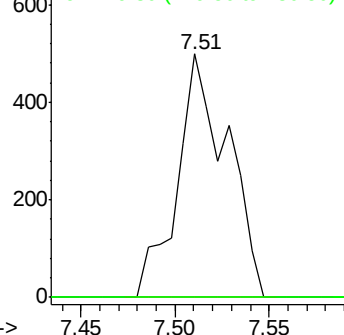
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	58.7	88.1#



Abundance Ion 48.90 (48.60 to 49.60): VY0

Ion 128.80 (128.50 to 129.50): VY0

Ion 129.80 (129.50 to 130.50): VY0



#30

Chloroform

Concen: 2.332 ug/l

RT: 7.52 min Scan# 948

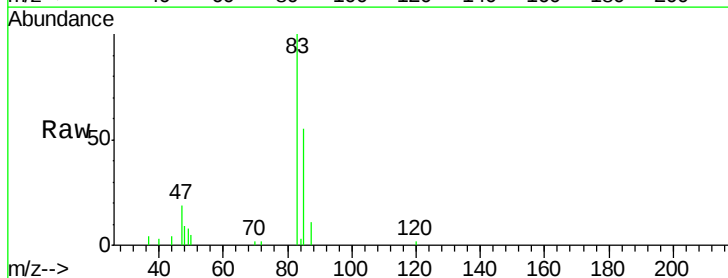
Delta R.T. -0.01 min

Lab File: VY001011.D

Acq: 19 Dec 2019 13:36

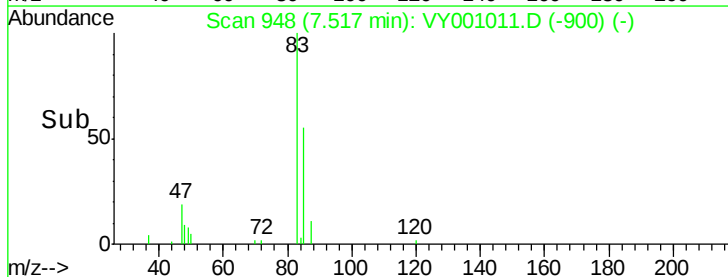
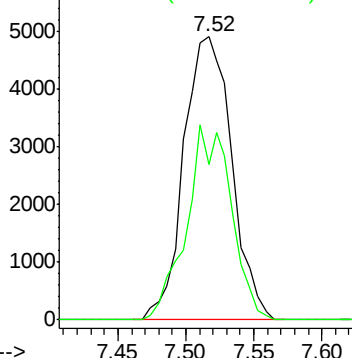
Tgt Ion: 83 Resp: 12105

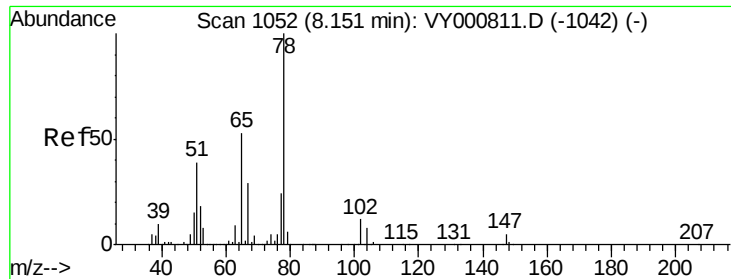
Ion	Ratio	Lower	Upper
83	100		
85	55.1	50.4	75.6



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#33

1,2-Dichloroethane-d4

Concen: 51.503 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY001011.D

Acq: 19 Dec 2019 13:36

Instrument :

MSVOA_Y

ClientSampled :

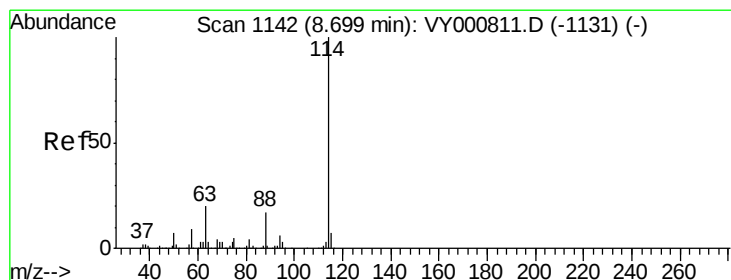
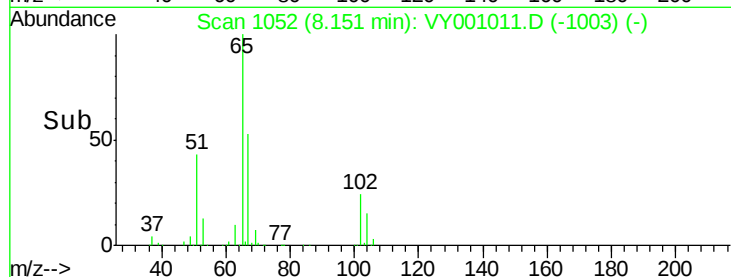
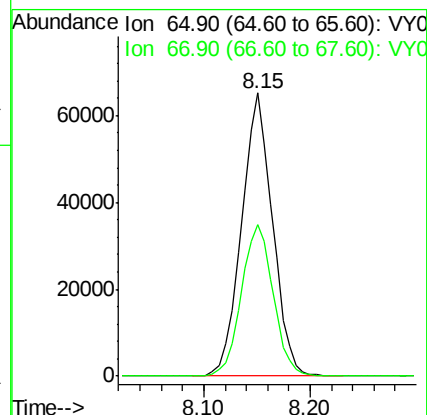
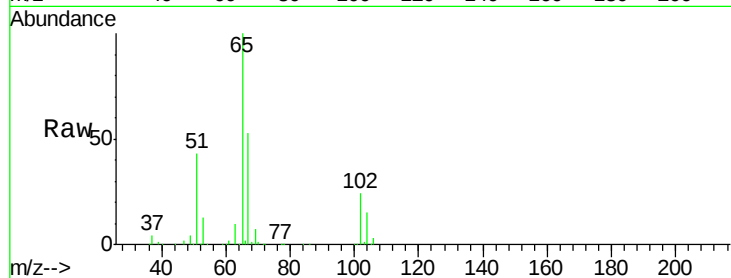
TP2-3

Tgt Ion: 65 Resp: 132946

Ion Ratio Lower Upper

65 100

67 54.7 0.0 112.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY001011.D

Acq: 19 Dec 2019 13:36

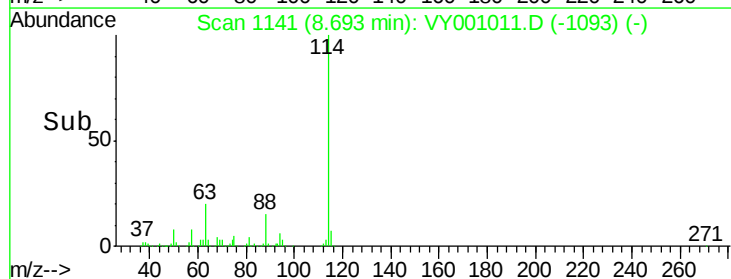
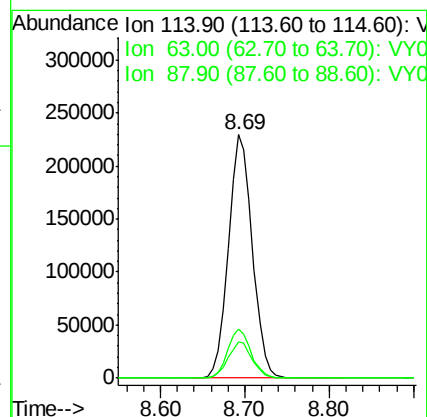
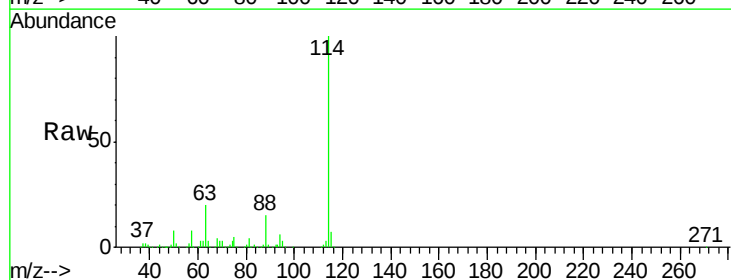
Tgt Ion: 114 Resp: 443120

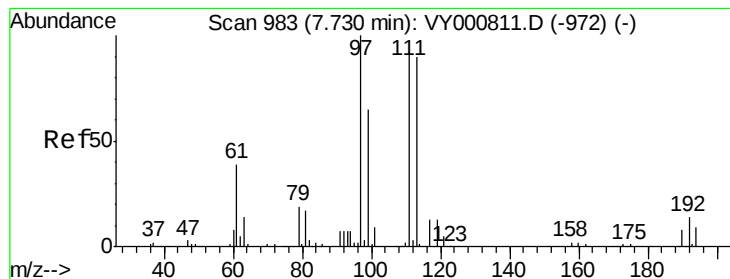
Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.8

88 14.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.416 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY001011.D

Acq: 19 Dec 2019 13:36

Instrument :

MSVOA_Y

ClientSampleId :

TP2-3

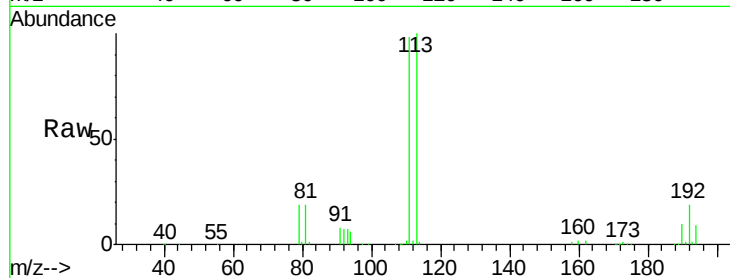
Tgt Ion:113 Resp: 127616

Ion Ratio Lower Upper

113 100

111 102.1 82.4 123.6

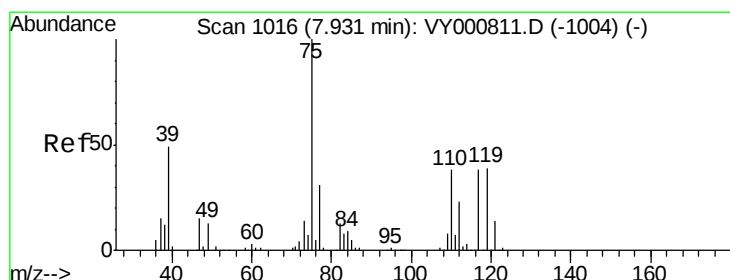
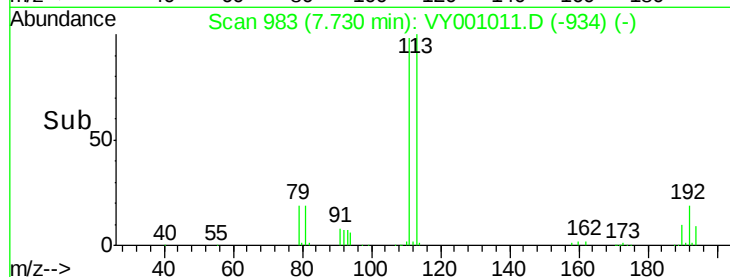
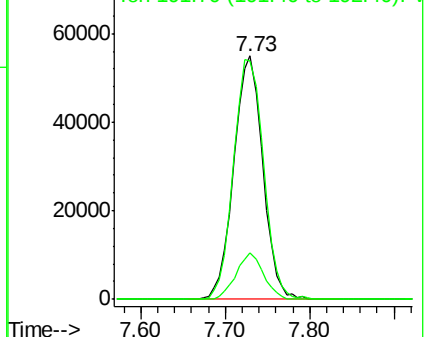
192 18.2 14.2 21.2



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: 4.402 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.14 min

Lab File: VY001011.D

Acq: 19 Dec 2019 13:36

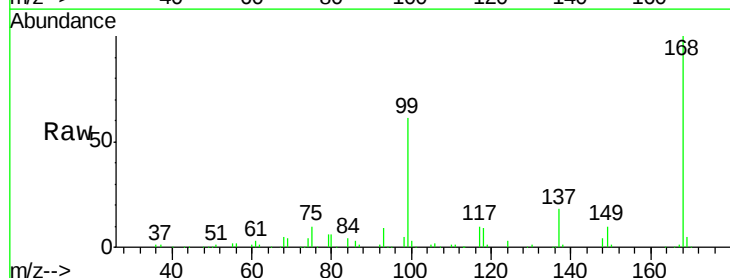
Tgt Ion: 75 Resp: 19396

Ion Ratio Lower Upper

75 100

110 7.8 17.9 53.7#

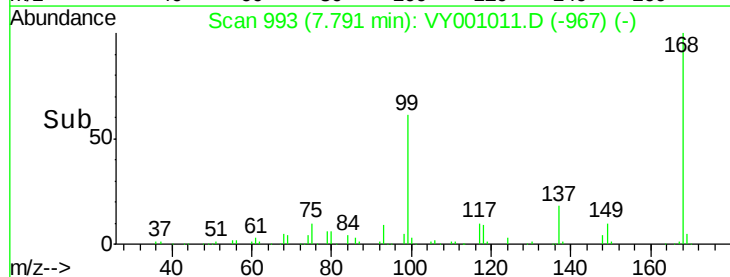
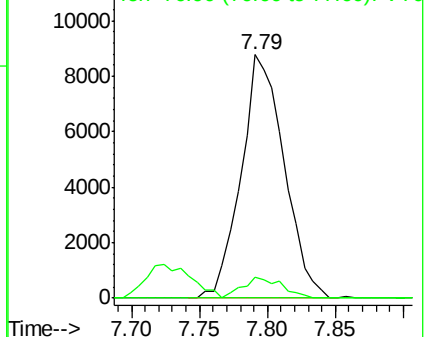
77 0.0 24.7 37.1#

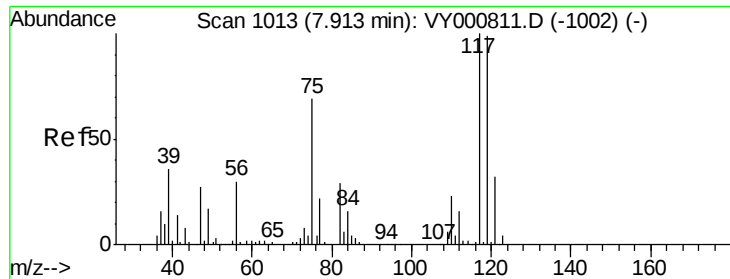


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

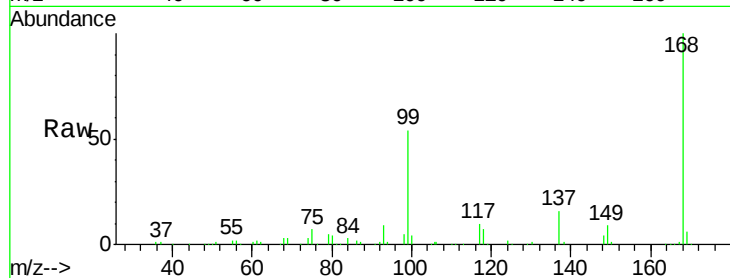




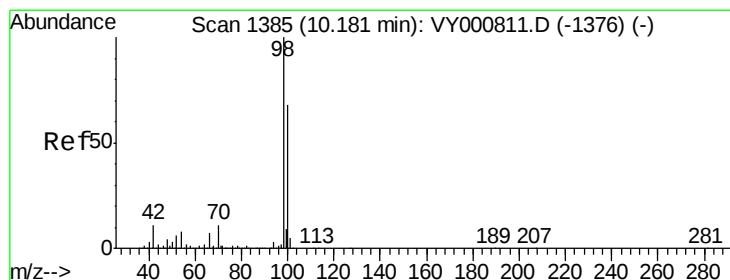
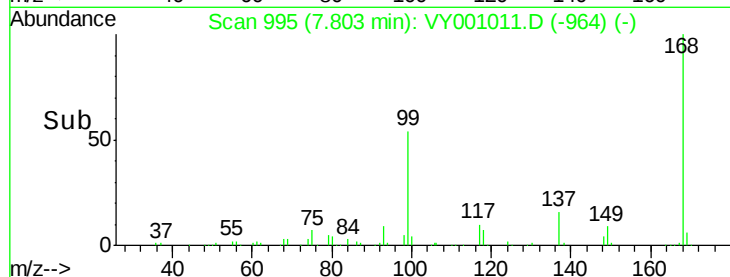
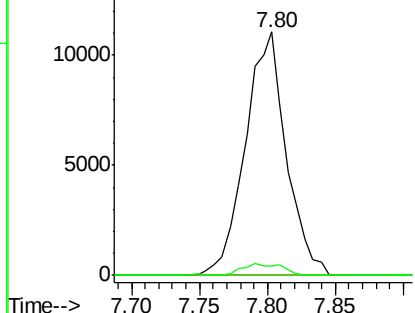
#38
Carbon Tetrachloride
Concen: 5.934 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.11 min
Lab File: VY001011.D
Acq: 19 Dec 2019 13:36

Instrument :
MSVOA_Y
ClientSampleId :
TP2-3

Tgt Ion: 117 Resp: 23283
Ion Ratio Lower Upper
117 100
119 3.6 79.3 118.9#
121 0.0 25.5 38.3#

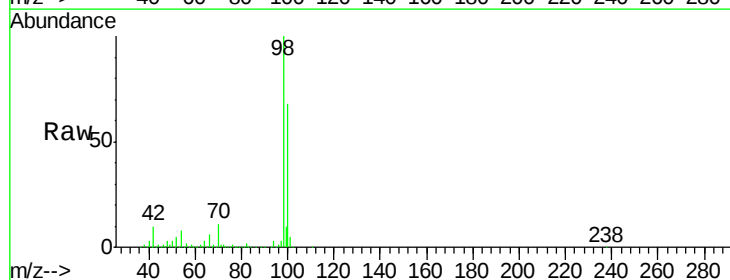


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

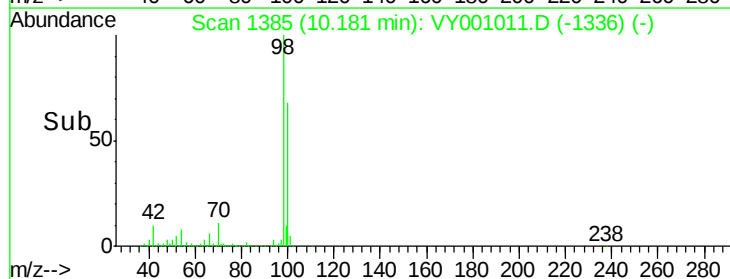
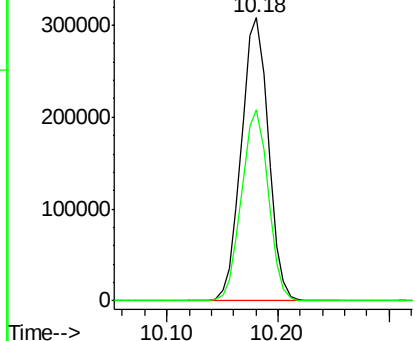


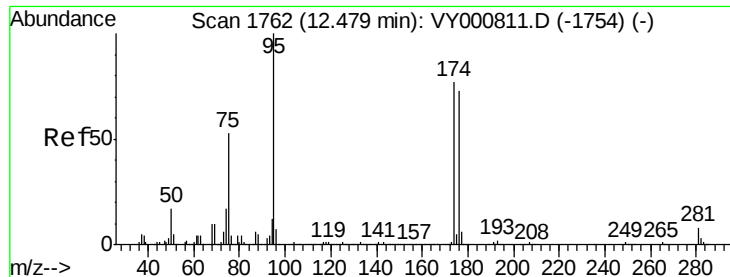
#50
Toluene-d8
Concen: 50.505 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY001011.D
Acq: 19 Dec 2019 13:36

Tgt Ion: 98 Resp: 521445
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7



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

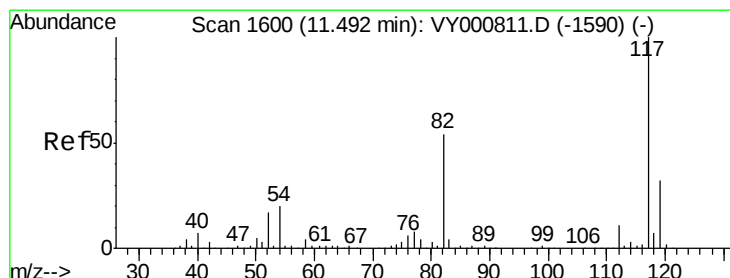
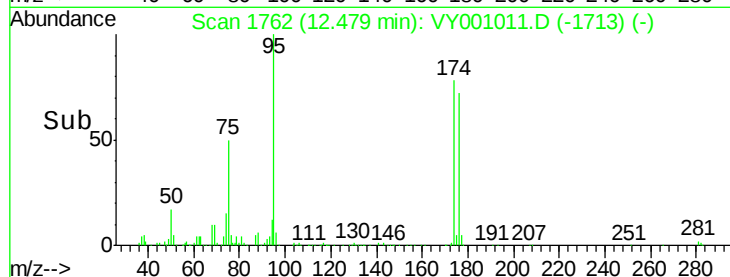
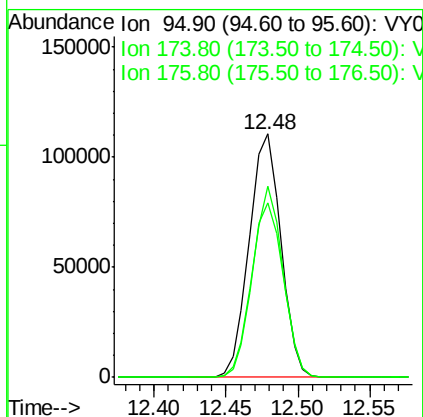
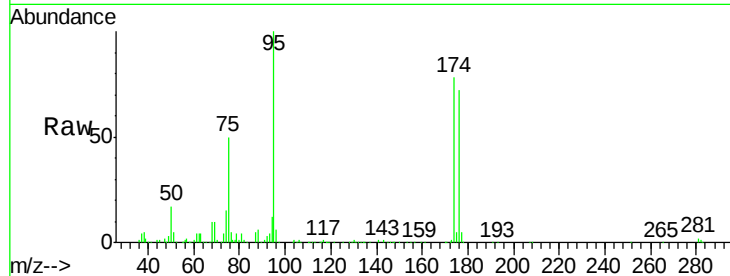




#62
4-Bromofluorobenzene
Concen: 43.364 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY001011.D
Acq: 19 Dec 2019 13:36

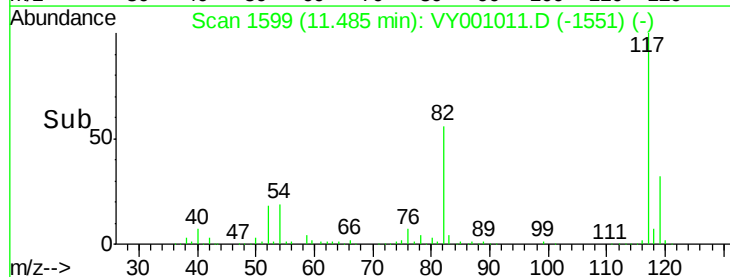
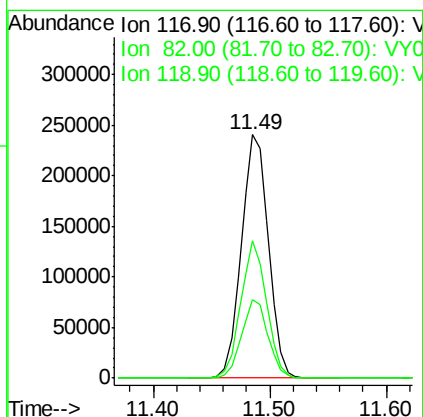
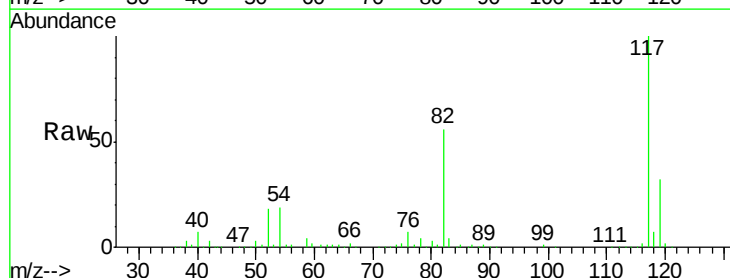
Instrument :
MSVOA_Y
ClientSampleId :
TP2-3

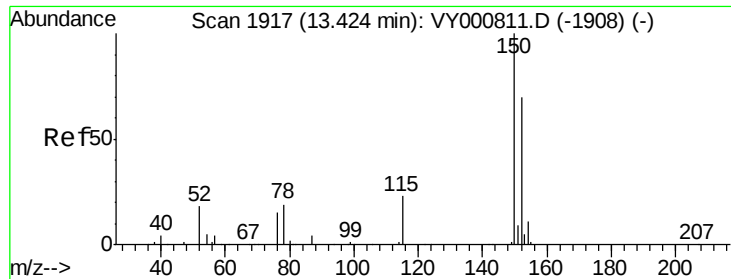
Tgt Ion: 95 Resp: 168144
Ion Ratio Lower Upper
95 100
174 75.4 0.0 150.6
176 72.2 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY001011.D
Acq: 19 Dec 2019 13:36

Tgt Ion: 117 Resp: 389229
Ion Ratio Lower Upper
117 100
82 56.4 43.1 64.7
119 32.0 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY001011.D

Acq: 19 Dec 2019 13:36

Instrument :

MSVOA_Y

ClientSampleId :

TP2-3

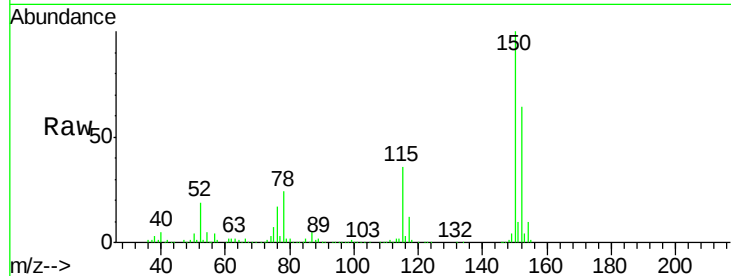
Tgt Ion:152 Resp: 165502

Ion Ratio Lower Upper

152 100

115 59.6 29.3 87.8

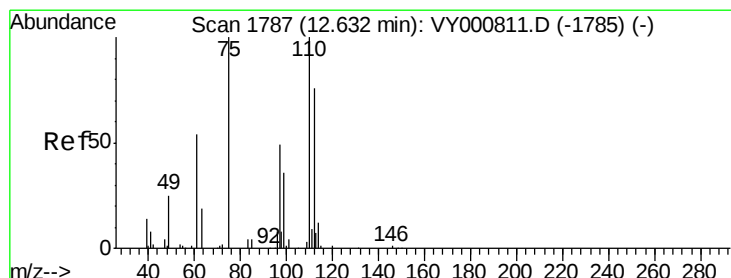
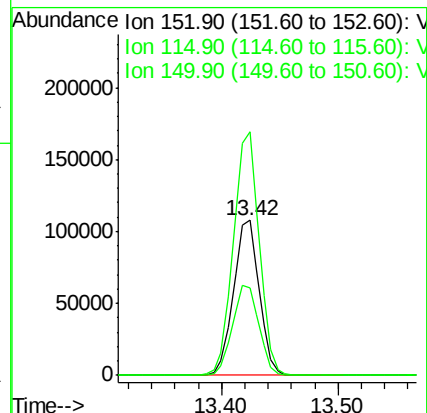
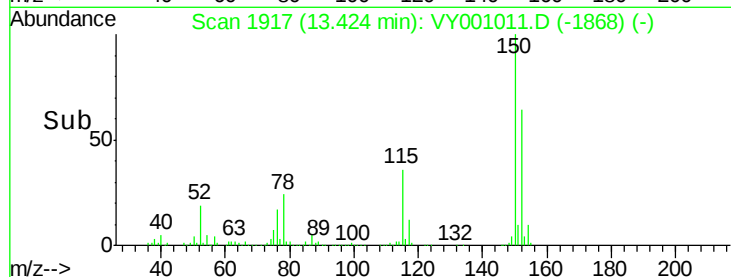
150 157.7 0.0 351.2



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: 45.784 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY001011.D

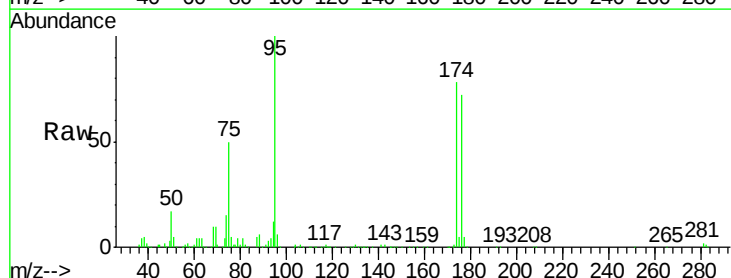
Acq: 19 Dec 2019 13:36

Tgt Ion: 75 Resp: 85851

Ion Ratio Lower Upper

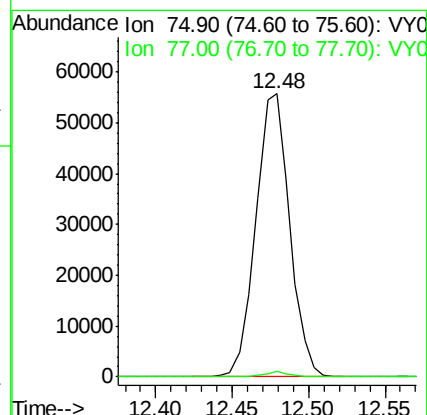
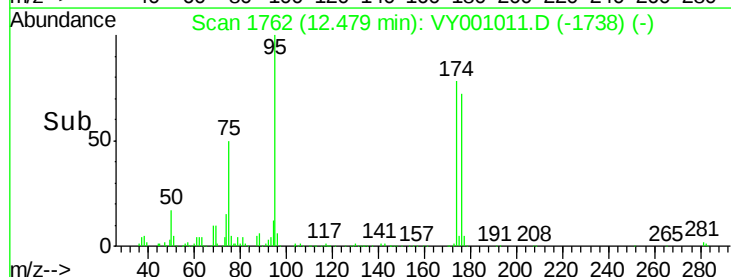
75 100

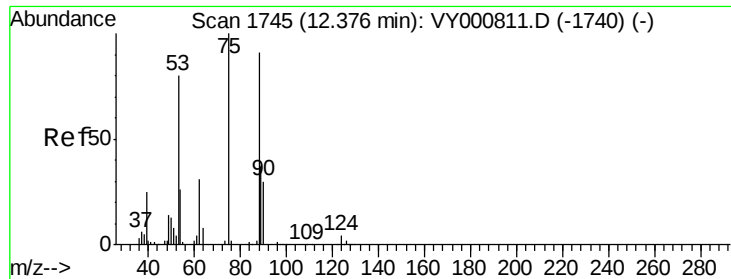
77 1.3 0.0 0.0#



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: 89.933 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY001011.D

Acq: 19 Dec 2019 13:36

Instrument :

MSVOA_Y

ClientSampleId :

TP2-3

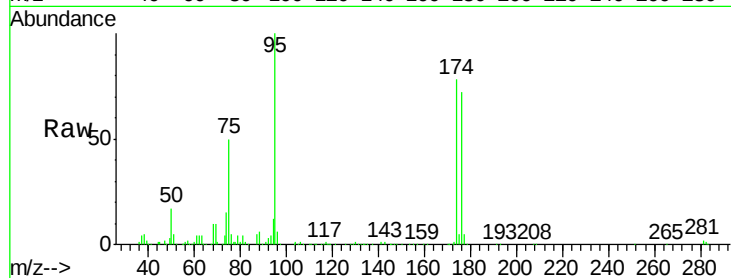
Tgt Ion: 75 Resp: 85851

Ion Ratio Lower Upper

75 100

53 0.1 64.6 96.8#

89 0.2 33.6 50.4#



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

