

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110719\
 Data File : VY000577.D
 Acq On : 07 Nov 2019 13:58
 Operator : SY/MD
 Sample : K5723-08
 Misc : 7.27G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 08 03:46:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	247270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	455691	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	401620	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	170675	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	150626	58.86	ug/l	0.00
Spiked Amount						
			Recovery	=	117.72%	
35) Dibromofluoromethane	7.74	113	134427	50.25	ug/l	0.00
Spiked Amount						
			Recovery	=	100.50%	
50) Toluene-d8	10.18	98	529977	52.21	ug/l	0.00
Spiked Amount						
			Recovery	=	104.42%	
62) 4-Bromofluorobenzene	12.48	95	183397	47.46	ug/l	0.00
Spiked Amount						
			Recovery	=	94.92%	

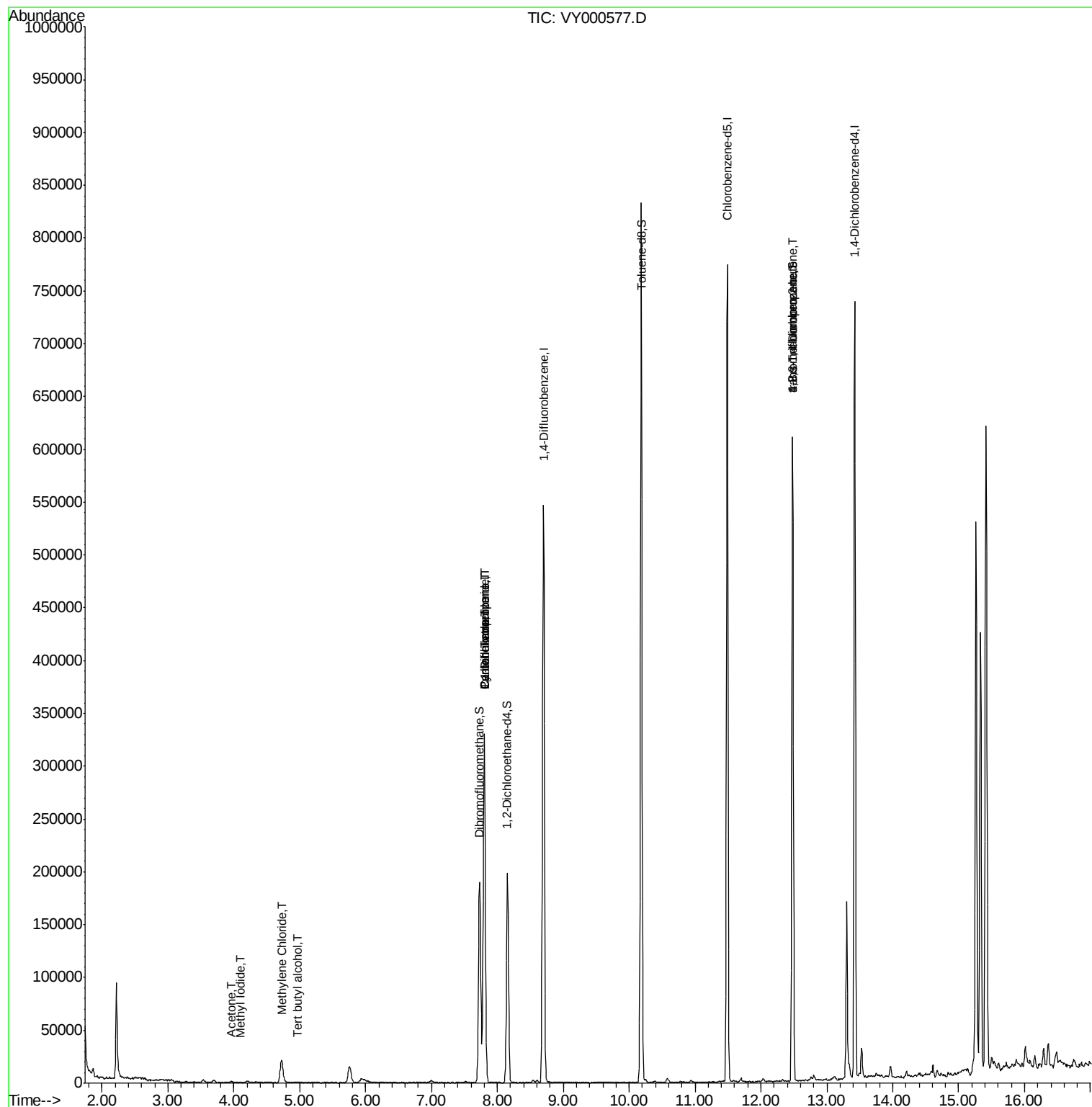
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.10	142	67	3.218	ug/l #	1
11) Tert butyl alcohol	4.97	59	748	3.003	ug/l #	72
16) Acetone	3.96	43	2285	3.240	ug/l	95
20) Methylene Chloride	4.72	84	16033	5.305	ug/l	95
31) Cyclohexane	7.80	56	5944	1.200	ug/l #	22
36) 1,1-Dichloropropene	7.80	75	19467	4.519	ug/l #	48
38) Carbon Tetrachloride	7.80	117	23930	5.773	ug/l #	15
76) 1,2,3-Trichloropropane	12.48	75	98492	50.681	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	98492	113.634	ug/l #	13

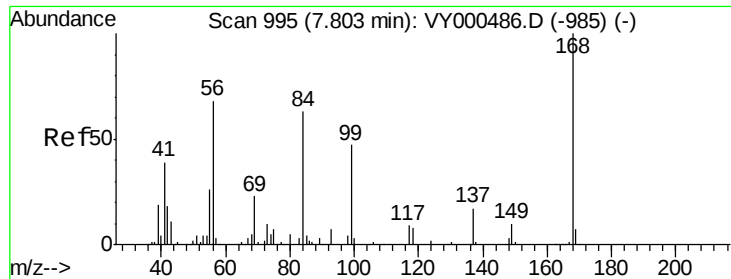
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000577.D

Acq: 07 Nov 2019 13:58

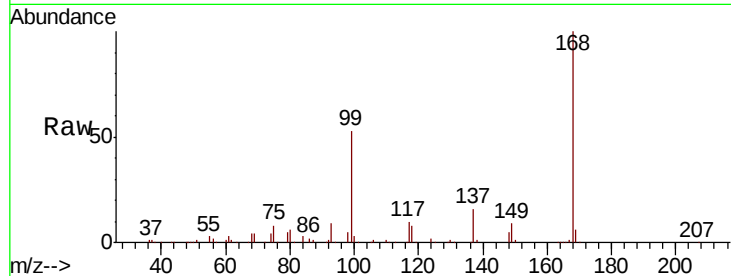
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 247270

Ion Ratio Lower Upper

168 100

99 53.4 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0

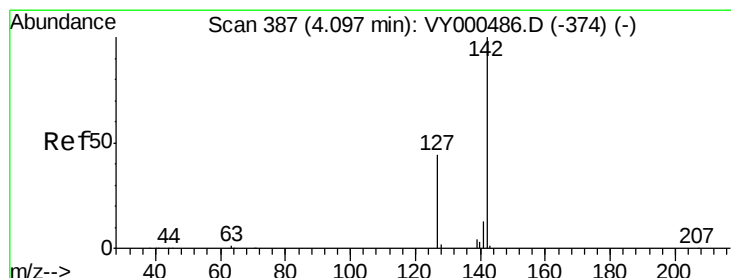
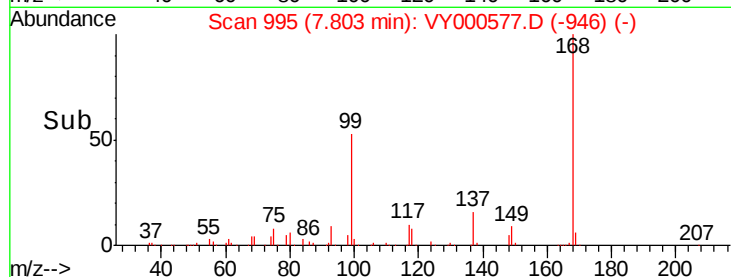
7.80

100000

50000

0

Time-->



#10

Methyl Iodide

Concen: 3.218 ug/l

RT: 4.10 min Scan# 388

Delta R.T. 0.01 min

Lab File: VY000577.D

Acq: 07 Nov 2019 13:58

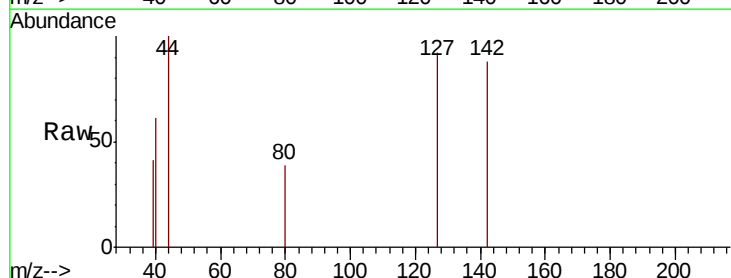
Tgt Ion:142 Resp: 67

Ion Ratio Lower Upper

142 100

127 128.4 33.7 50.5#

141 0.0 10.9 16.3#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

4.10

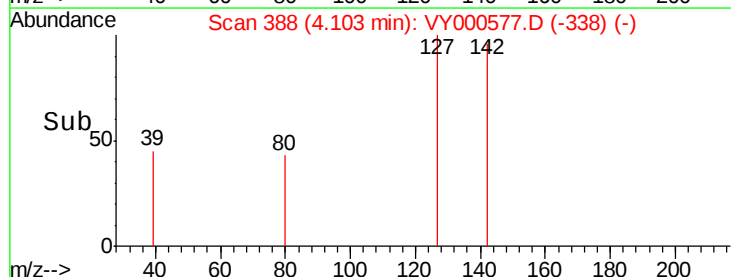
150

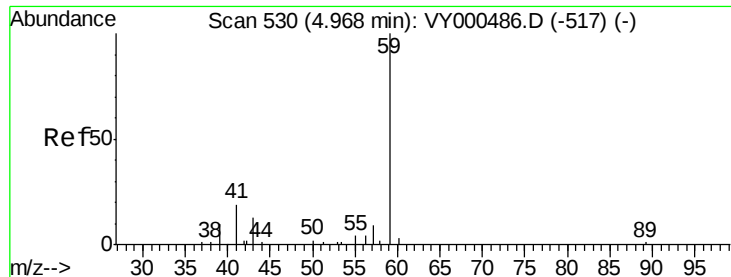
100

50

0

Time-->

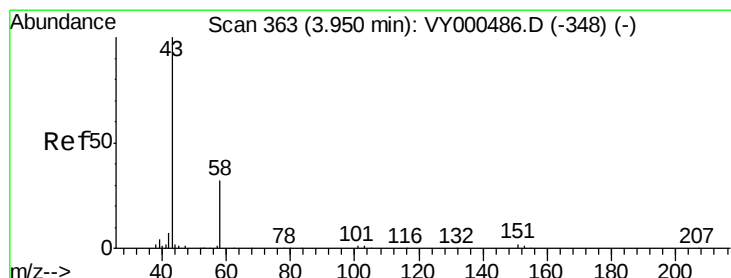
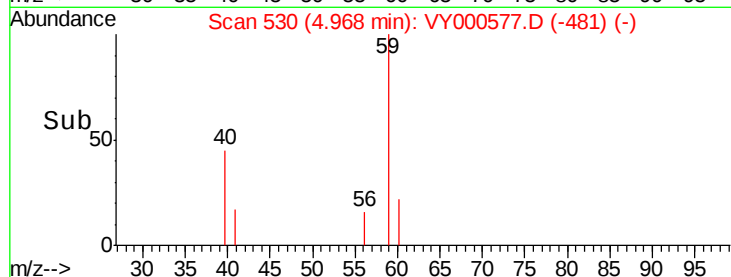
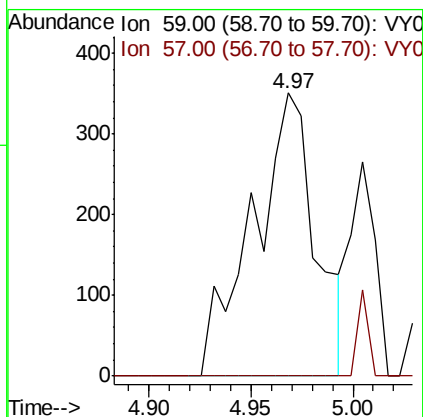
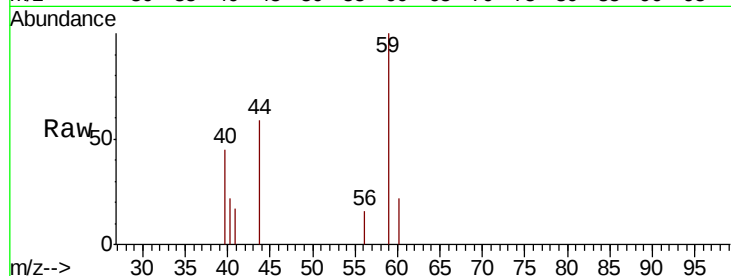




#11
Tert butyl alcohol
Concen: 3.003 ug/l
RT: 4.97 min Scan# 530
Delta R.T. -0.00 min
Lab File: VY000577.D
Acq: 07 Nov 2019 13:58

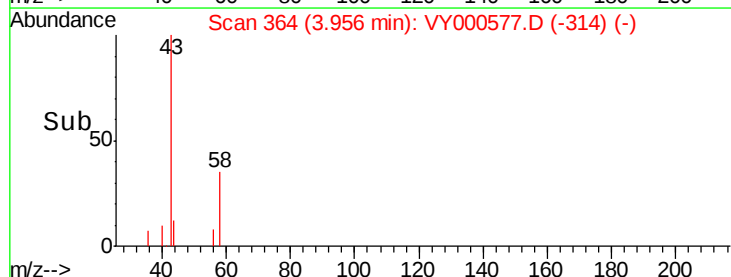
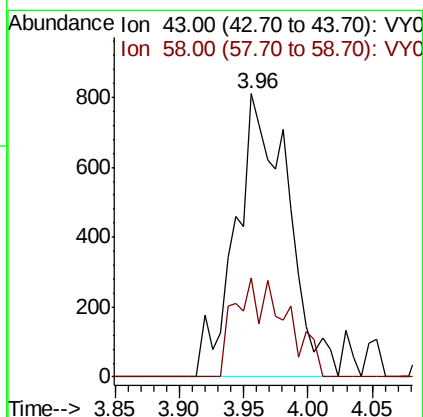
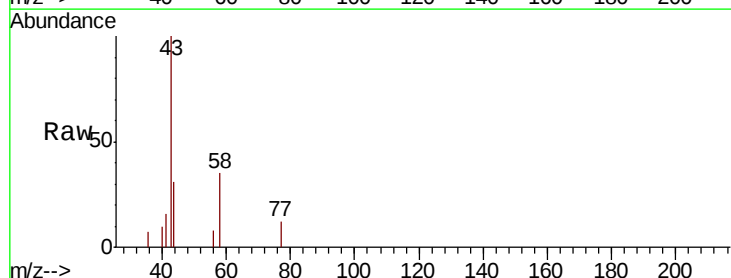
Instrument :
MSVOA_Y
ClientSampleId :

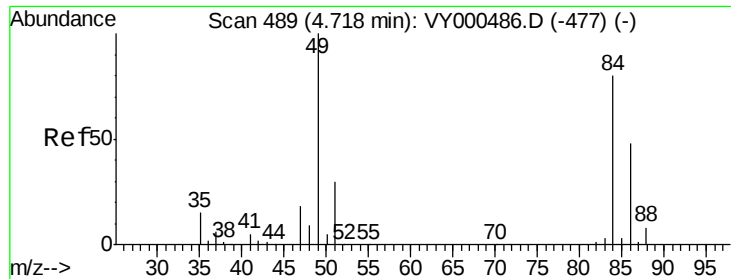
Tot Ion: 59 Resp: 748
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 3.240 ug/l
RT: 3.96 min Scan# 364
Delta R.T. 0.01 min
Lab File: VY000577.D
Acq: 07 Nov 2019 13:58

Tgt Ion: 43 Resp: 2285
Ion Ratio Lower Upper
43 100
58 34.9 25.8 38.6

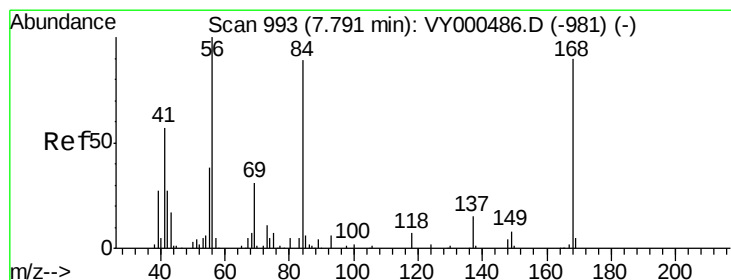
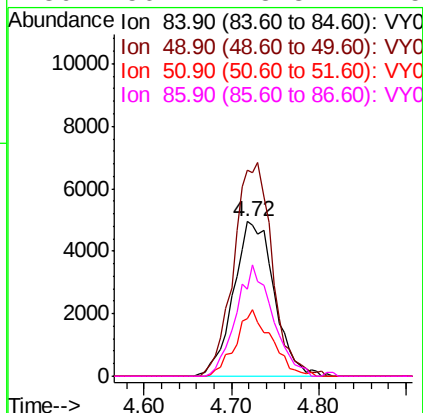
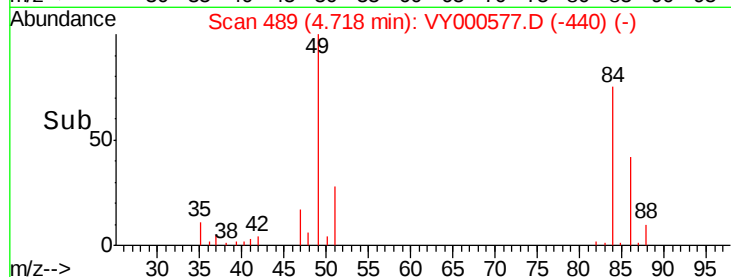
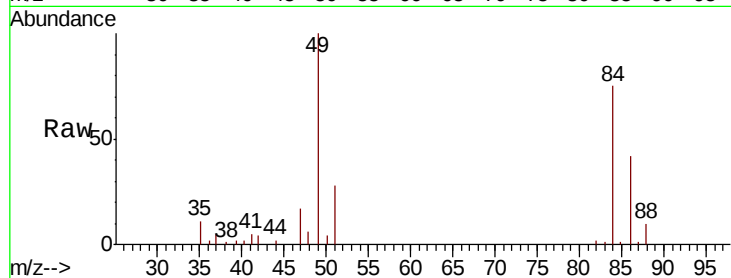




#20
Methvlene Chloride
Concen: 5.305 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.00 min
Lab File: VY000577.D
Acq: 07 Nov 2019 13:58

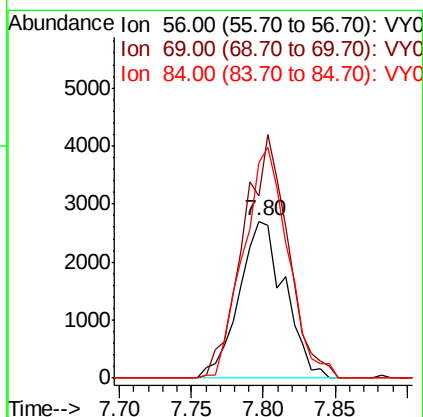
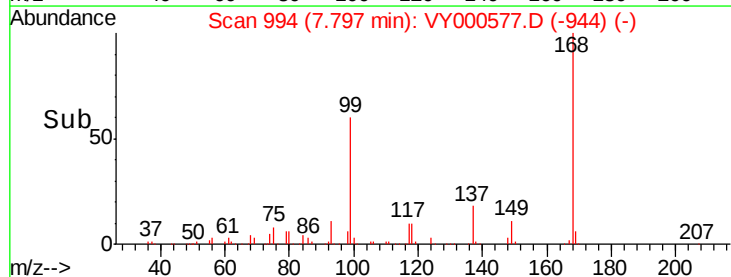
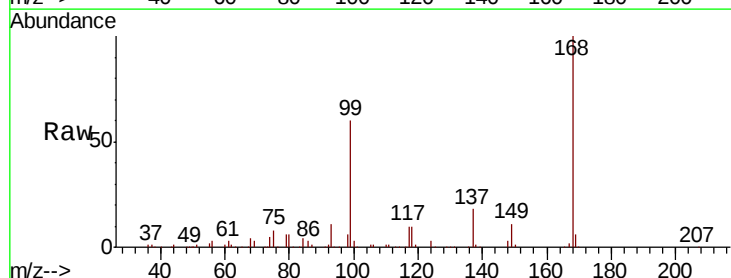
Instrument :
MSVOA_Y
ClientSampled :

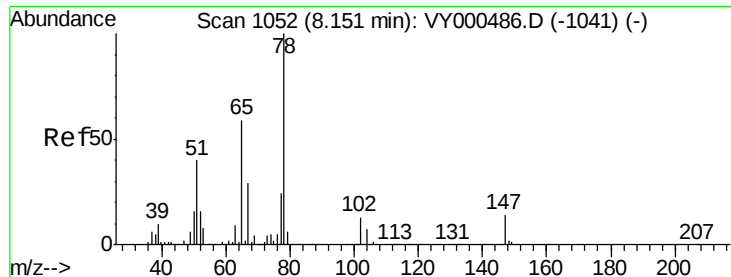
Tot Ion: 84 Resp: 16033
Ion Ratio Lower Upper
84 100
49 133.1 100.2 150.4
51 37.5 29.6 44.4
86 56.2 48.3 72.5



#31
Cyclohexane
Concen: 1.200 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY000577.D
Acq: 07 Nov 2019 13:58

Tgt Ion: 56 Resp: 5944
Ion Ratio Lower Upper
56 100
69 115.9 25.0 37.6#
84 137.3 71.4 107.2#





#33

1,2-Dichloroethane-d4

Concen: 58.863 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000577.D

Acq: 07 Nov 2019 13:58

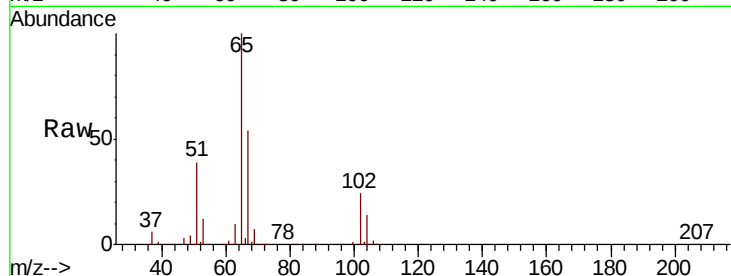
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 65 Resp: 150626

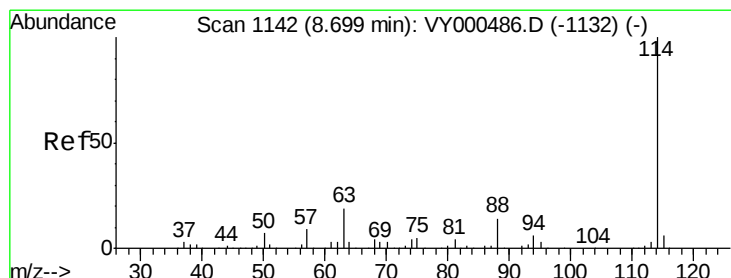
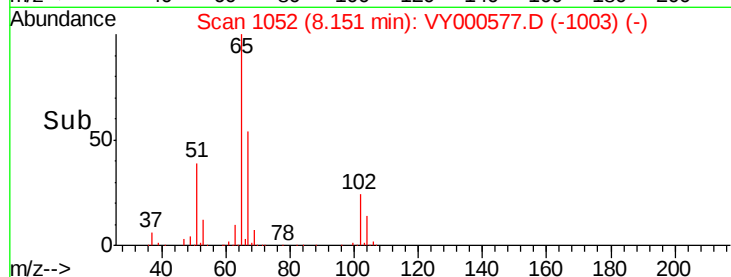
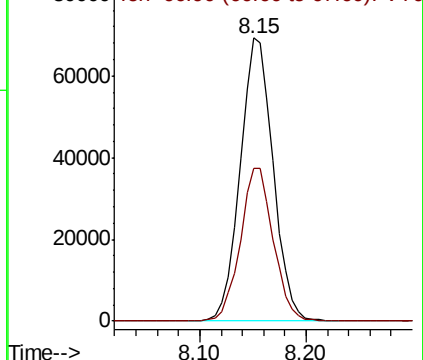
Ion Ratio Lower Upper

65 100

67 53.8 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY000577.D

Acq: 07 Nov 2019 13:58

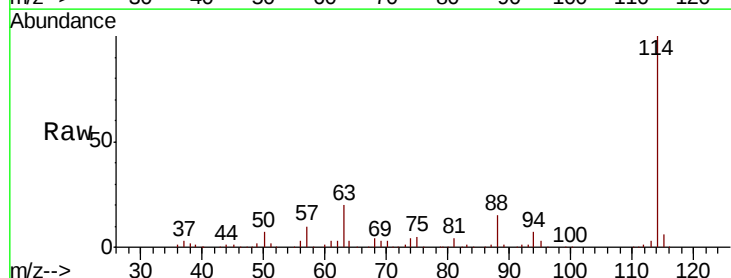
Tgt Ion: 114 Resp: 455691

Ion Ratio Lower Upper

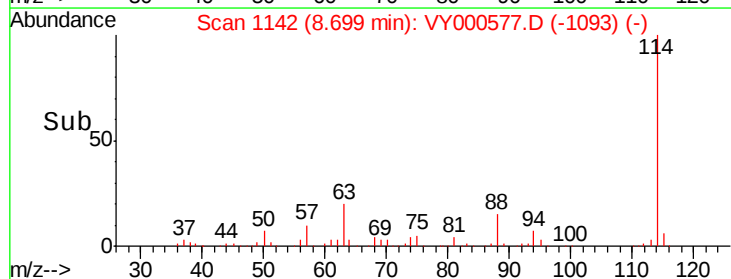
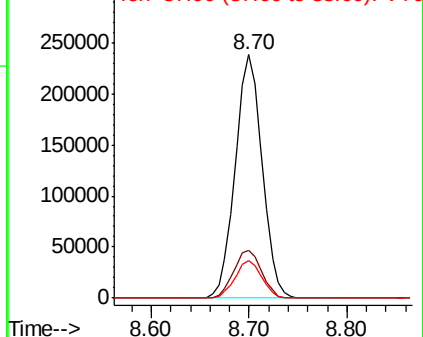
114 100

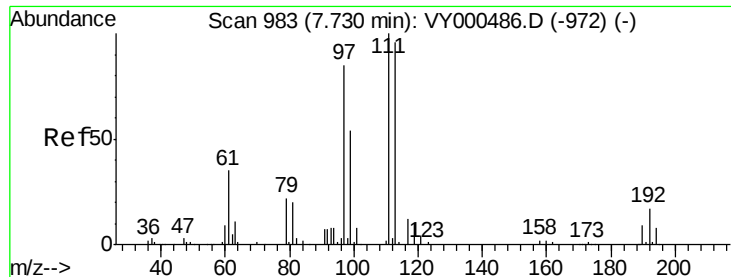
63 19.9 0.0 38.0

88 15.3 0.0 28.6



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





#35

Dibromofluoromethane

Concen: 50.249 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.01 min

Lab File: VY000577.D

Acq: 07 Nov 2019 13:58

Instrument :
MSVOA_Y
ClientSampleId :

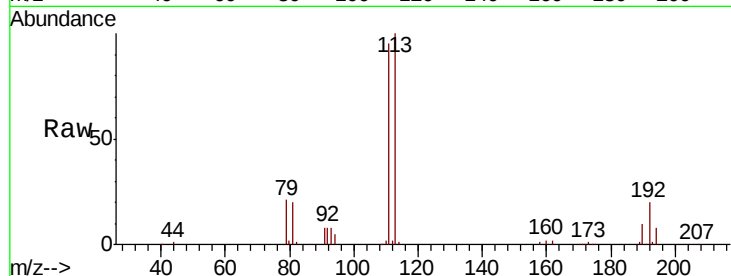
Tot Ion:113 Resp: 134427

Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.7	122.5
192	19.1	15.0	22.4

113 100

111 101.7 81.7 122.5

192 19.1 15.0 22.4

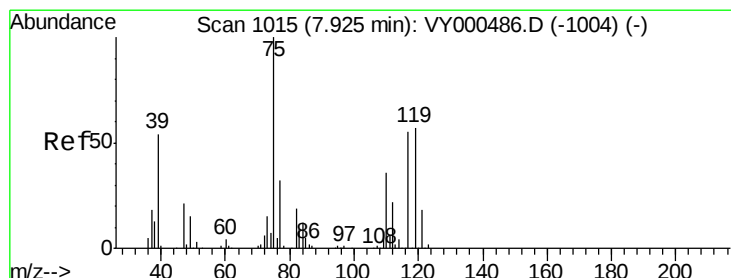
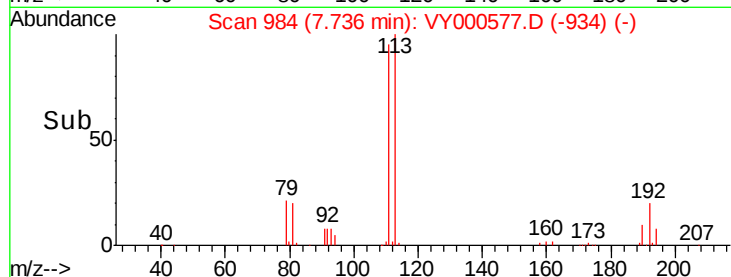
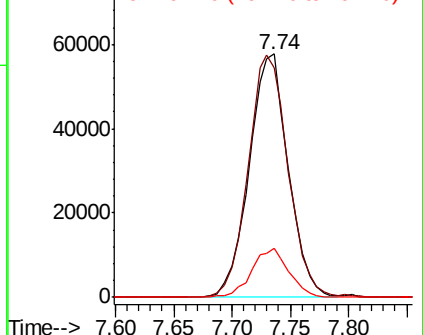


Abundance

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: 4.519 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.12 min

Lab File: VY000577.D

Acq: 07 Nov 2019 13:58

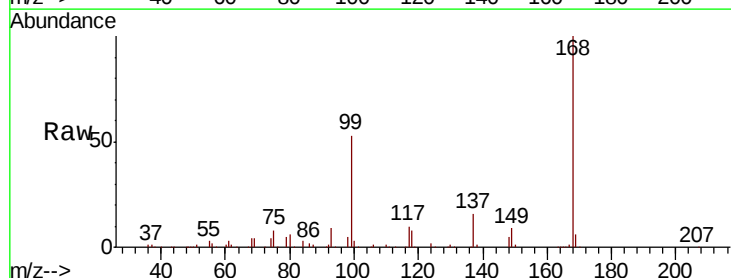
Tgt Ion: 75 Resp: 19467

Ion	Ratio	Lower	Upper
75	100		
110	7.9	18.1	54.1#
77	0.0	25.0	37.6#

75 100

110 7.9 18.1 54.1#

77 0.0 25.0 37.6#

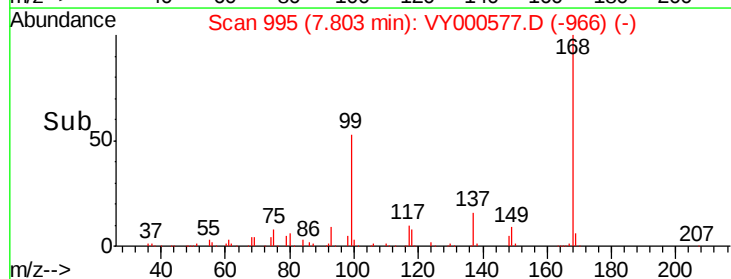
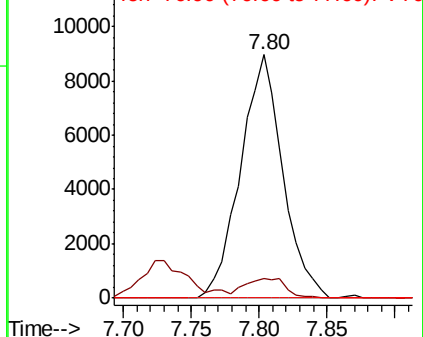


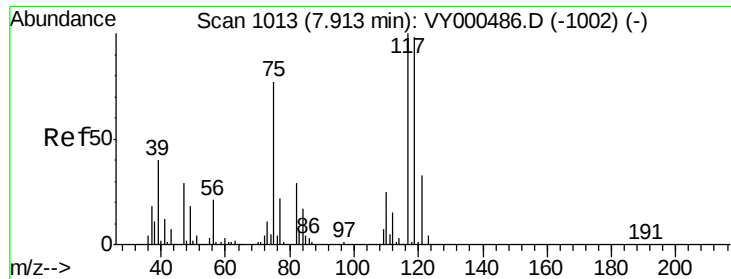
Abundance

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: 5.773 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.11 min

Lab File: VY000577.D

Acq: 07 Nov 2019 13:58

Instrument :

MSVOA_Y

ClientSampleId :

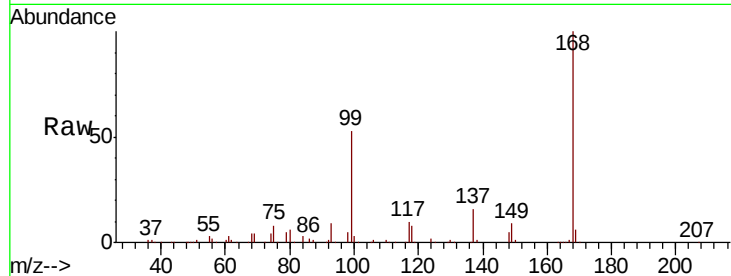
Tot Ion:117 Resp: 23930

Ion Ratio Lower Upper

117 100

119 4.8 78.0 117.0#

121 0.0 26.6 40.0#

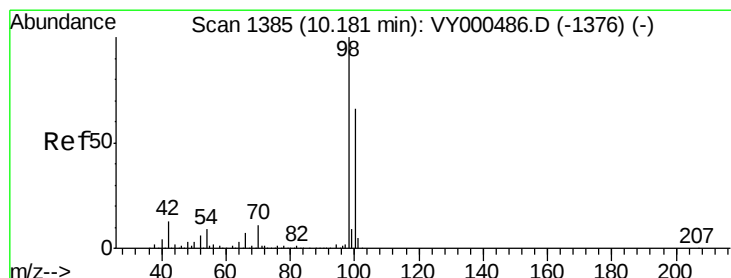
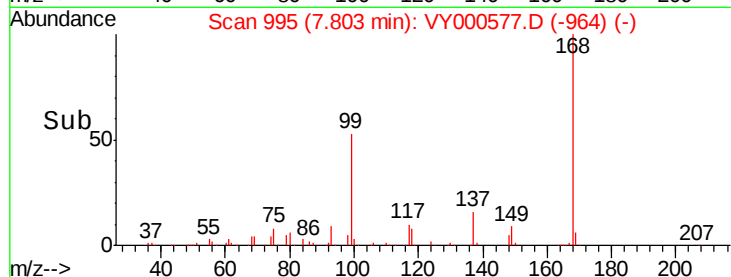
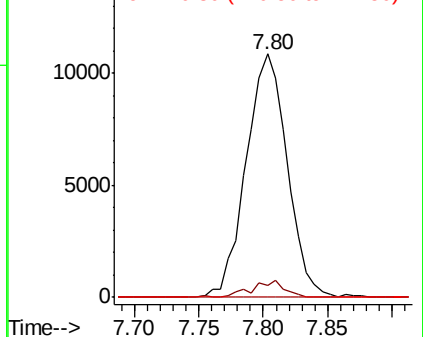


Abundance

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: 52.210 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000577.D

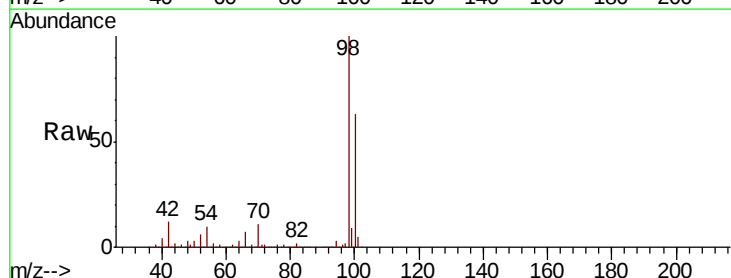
Acq: 07 Nov 2019 13:58

Tgt Ion: 98 Resp: 529977

Ion Ratio Lower Upper

98 100

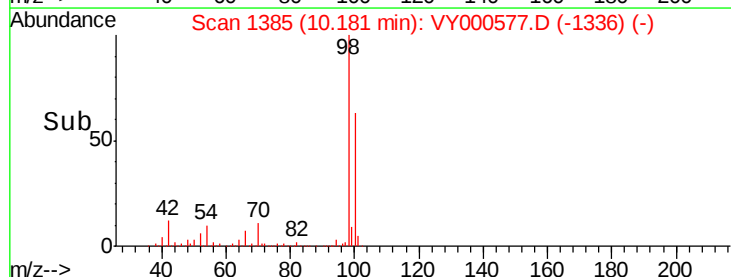
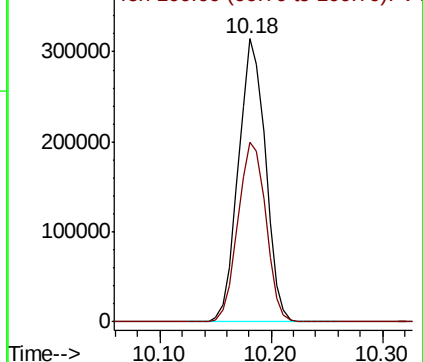
100 65.6 52.9 79.3

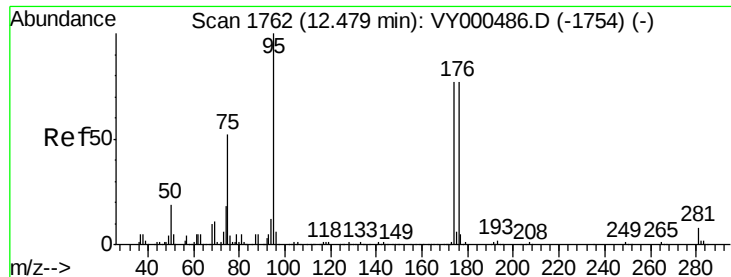


Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

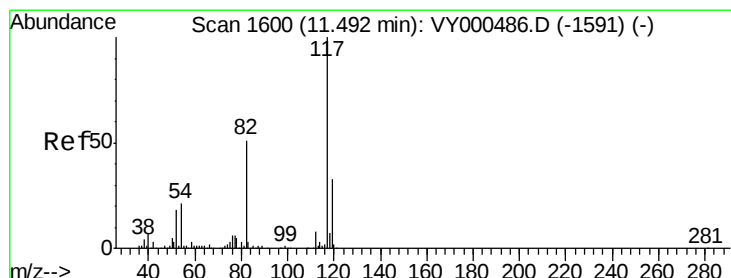
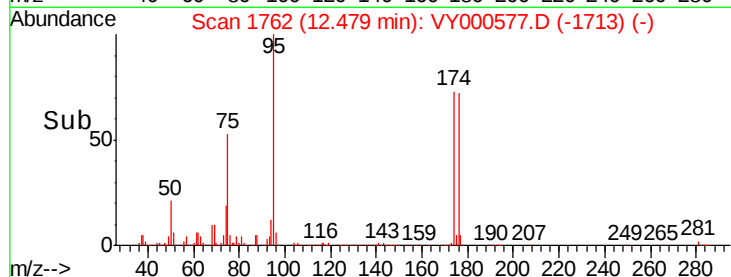
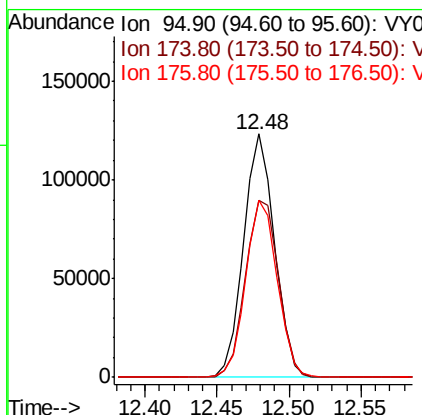
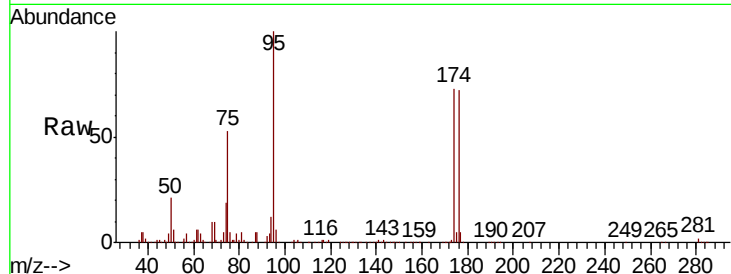




#62
4-Bromofluorobenzene
Concen: 47.458 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000577.D
Acq: 07 Nov 2019 13:58

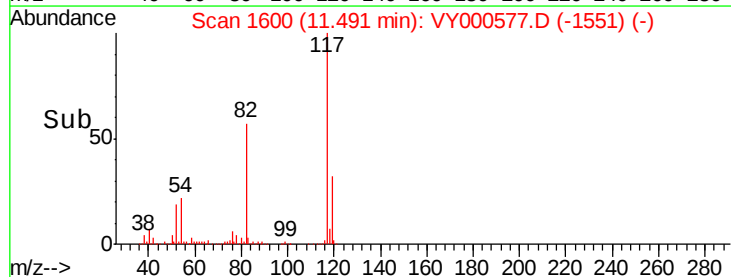
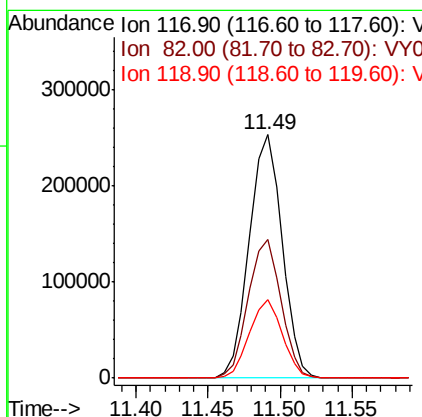
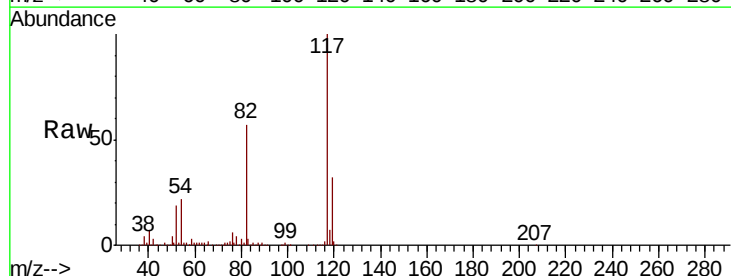
Instrument :
MSVOA_Y
ClientSampleId :

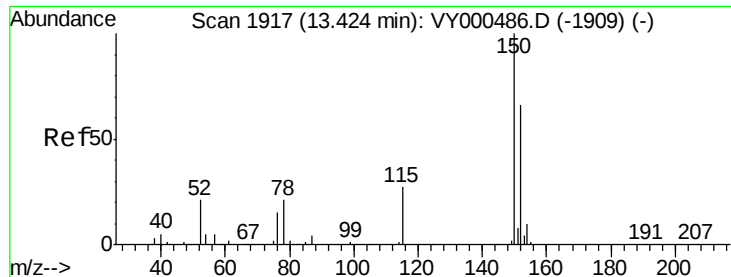
Tot Ion	Ratio	Lower	Upper
95	100		
174	77.5	0.0	161.6
176	73.9	0.0	157.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000577.D
Acq: 07 Nov 2019 13:58

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.9	40.8	61.2
119	32.0	26.2	39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000577.D

Acq: 07 Nov 2019 13:58

Instrument :

MSVOA_Y

ClientSampleId :

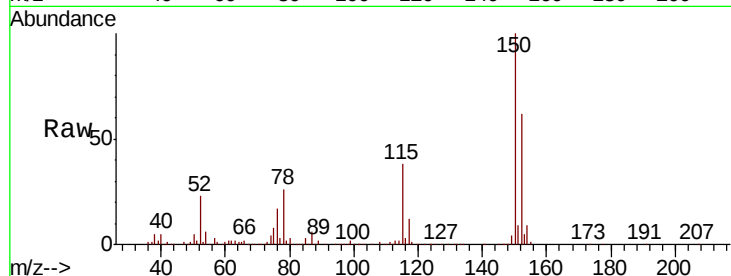
Tot Ion:152 Resp: 170675

Ion Ratio Lower Upper

152 100

115 60.8 29.1 87.4

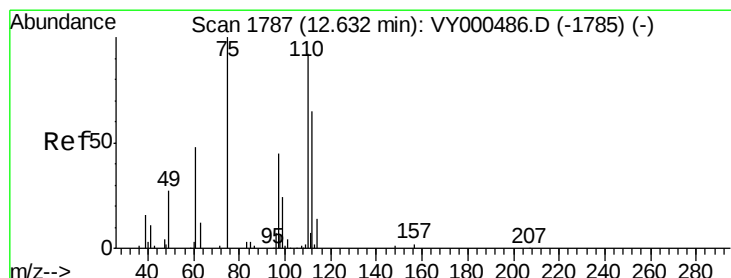
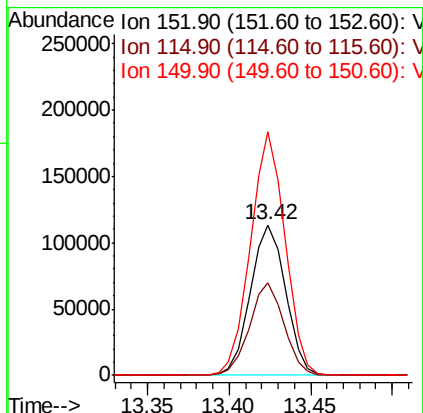
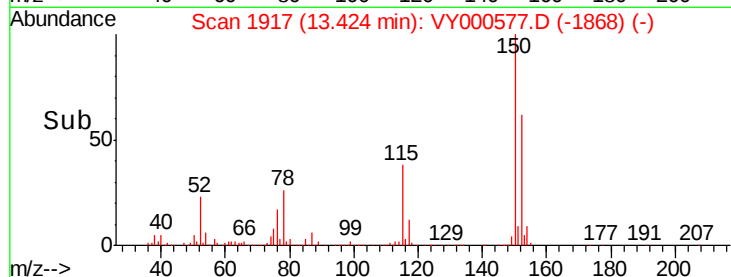
150 158.7 0.0 348.8



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: 50.681 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000577.D

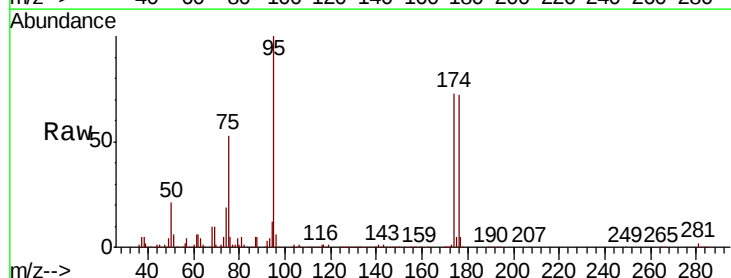
Acq: 07 Nov 2019 13:58

Tgt Ion: 75 Resp: 98492

Ion Ratio Lower Upper

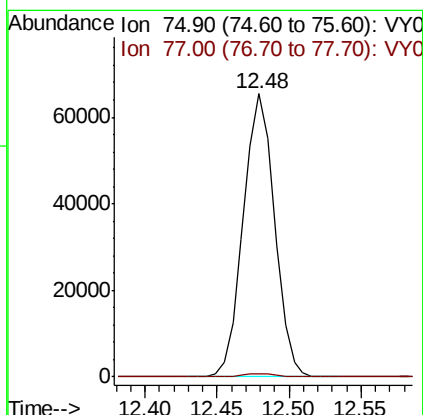
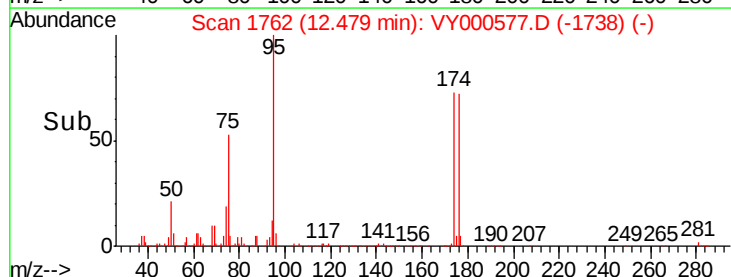
75 100

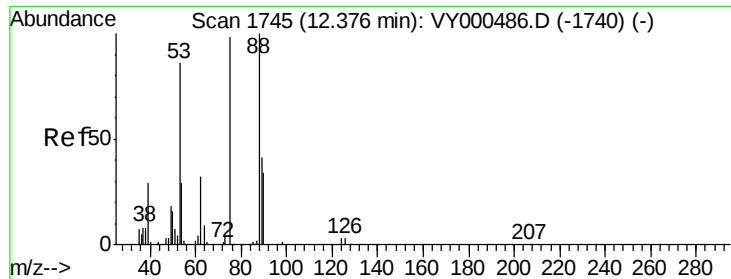
77 1.2 0.0 0.0#



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: 113.634 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000577.D

Acq: 07 Nov 2019 13:58

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 98492

Ion Ratio Lower Upper

75 100

53 0.0 73.2 109.8#

89 0.0 35.9 53.9#

