

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112119\
 Data File : VY000776.D
 Acq On : 21 Nov 2019 18:17
 Operator : SY/MD
 Sample : K5959-08
 Misc : 8.43G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WS-112019-4-5-GRAB-B4

Quant Time: Nov 22 04:53:08 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

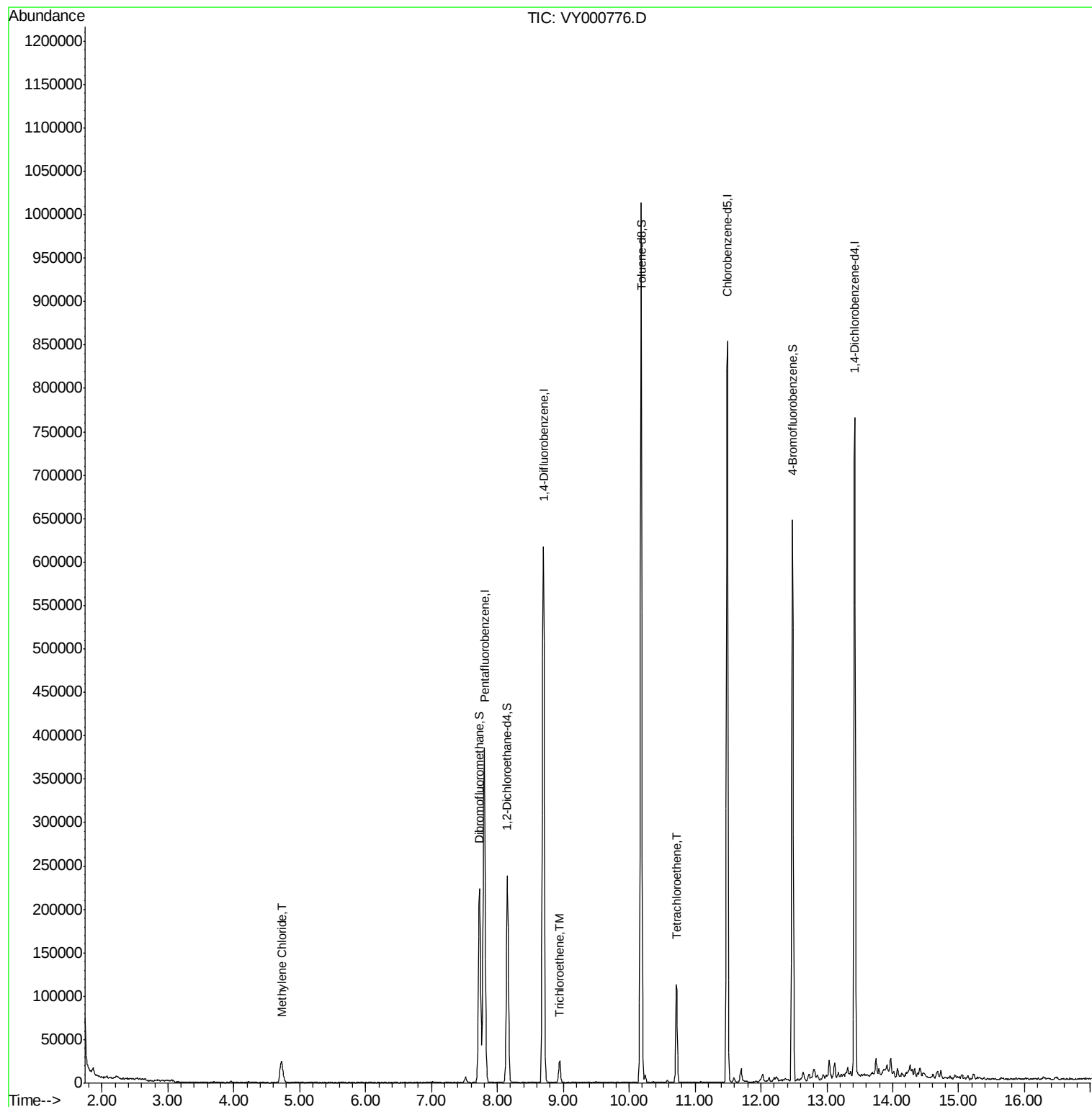
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	295286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	537455	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	467568	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	178776	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	178227	58.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.64%	
35) Dibromofluoromethane	7.73	113	156711	49.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.34%	
50) Toluene-d8	10.18	98	651070	54.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.76%	
62) 4-Bromofluorobenzene	12.48	95	198936	43.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.30%	
Target Compounds						
20) Methylene Chloride	4.72	84	19235	5.330	ug/l	91
44) Trichloroethene	8.94	130	8389	2.136	ug/l	83
64) Tetrachloroethene	10.72	164	24473	6.330	ug/l	91

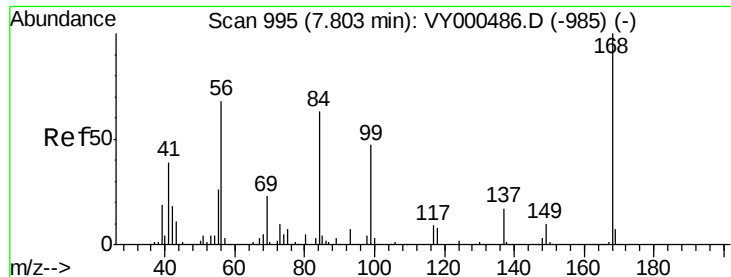
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY112119\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000776.D

Acq: 21 Nov 2019 18:17

Instrument :

MSVOA_Y

ClientSampleId :

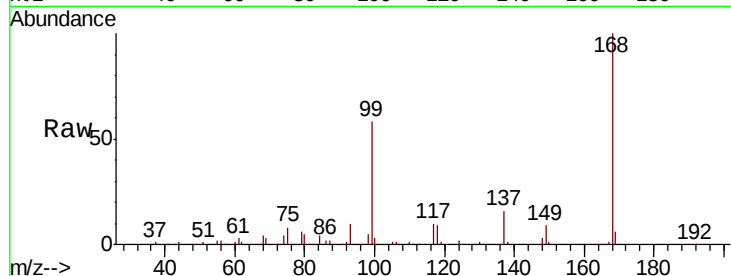
WS-112019-4-5-GRAB-B4

Tot Ion:168 Resp: 295286

Ion Ratio Lower Upper

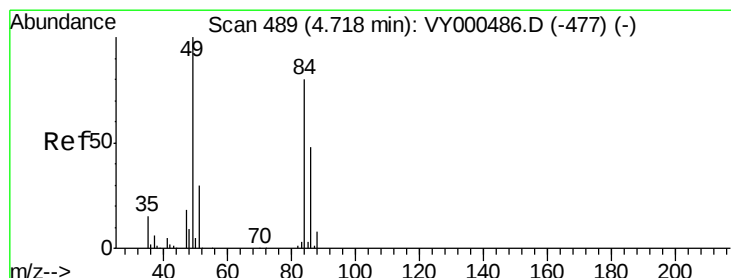
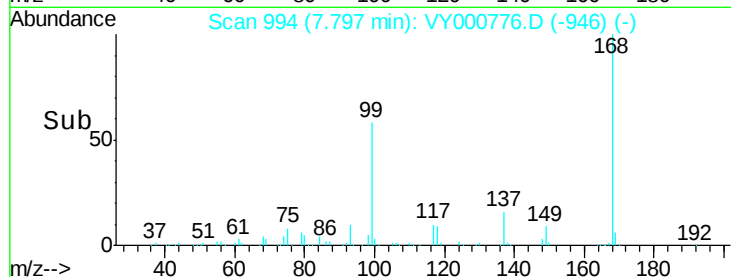
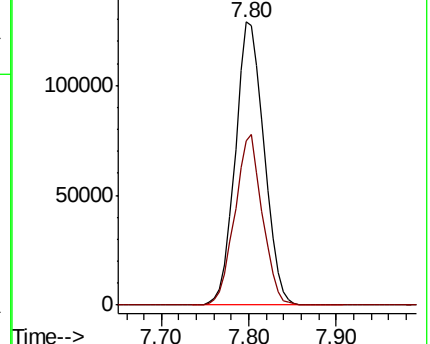
168 100

99 58.2 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000776.D (-946) (-)



#20

Methylene Chloride

Concen: 5.330 ug/l

RT: 4.72 min Scan# 489

Delta R.T. -0.00 min

Lab File: VY000776.D

Acq: 21 Nov 2019 18:17

Tgt Ion: 84 Resp: 19235

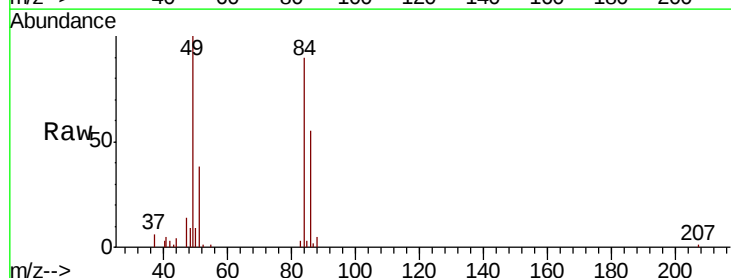
Ion Ratio Lower Upper

84 100

49 110.5 100.2 150.4

51 42.4 29.6 44.4

86 60.2 48.3 72.5

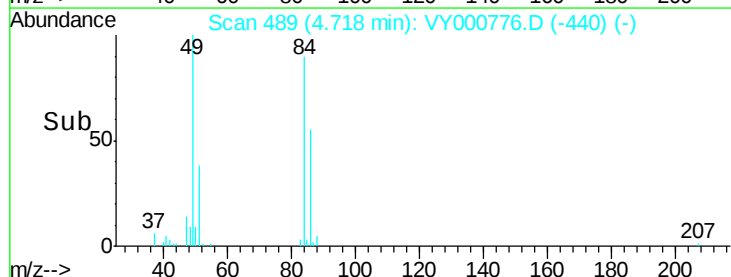
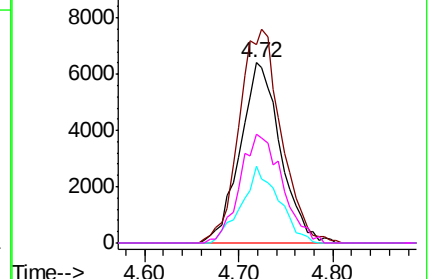


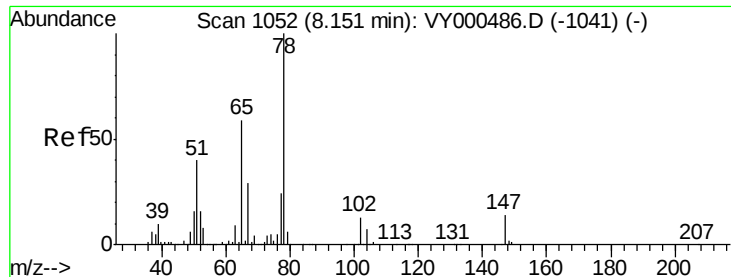
Abundance Ion 83.90 (83.60 to 84.60): VY000486.D (-477) (-)

Ion 48.90 (48.60 to 49.60): VY000776.D (-440) (-)

Ion 50.90 (50.60 to 51.60): VY000776.D (-440) (-)

Ion 85.90 (85.60 to 86.60): VY000776.D (-440) (-)





#33

1,2-Dichloroethane-d4

Concen: 58.324 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000776.D

Acq: 21 Nov 2019 18:17

Instrument :

MSVOA_Y

ClientSampleId :

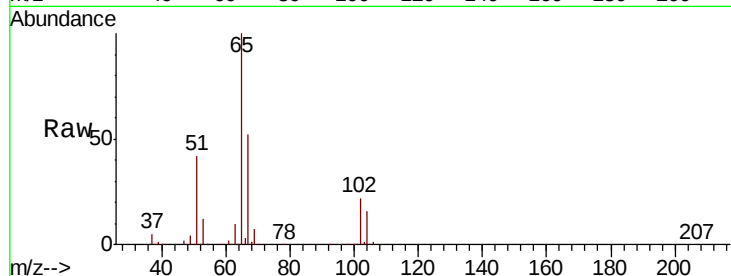
WS-112019-4-5-GRAB-B4

Tot Ion: 65 Resp: 178227

Ion Ratio Lower Upper

65 100

67 53.8 0.0 107.2

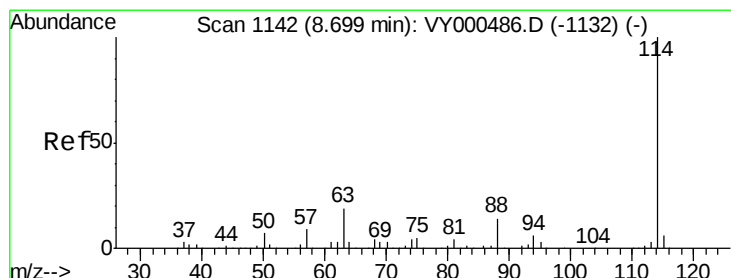
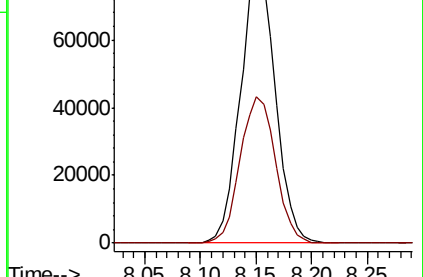
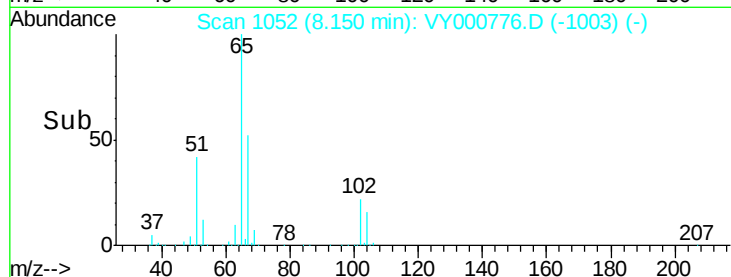


Abundance Ion 64.90 (64.60 to 65.60): VY000776.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY000776.D (-1003) (-)

8.15

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY000776.D

Acq: 21 Nov 2019 18:17

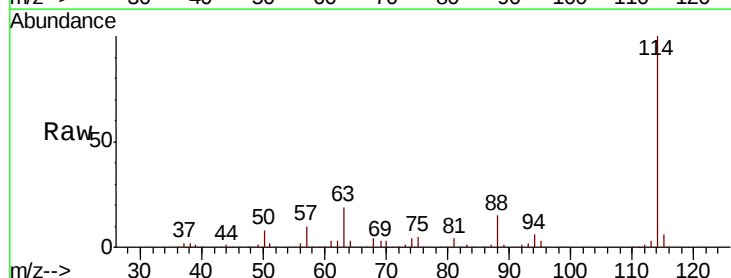
Tgt Ion: 114 Resp: 537455

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.0

88 15.5 0.0 28.6



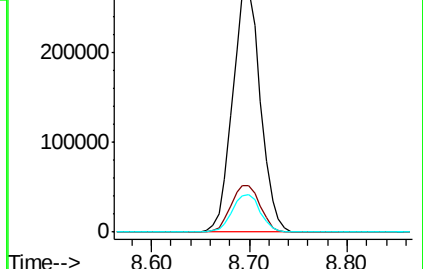
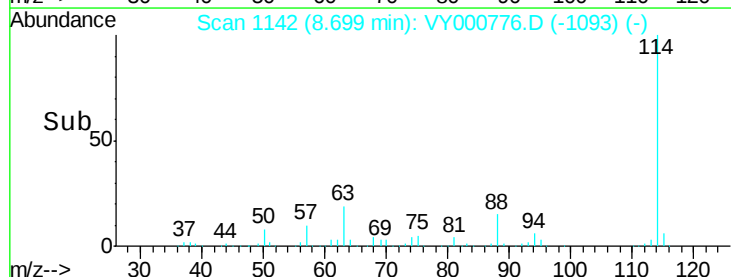
Abundance Ion 113.90 (113.60 to 114.60): VY000776.D (-1093) (-)

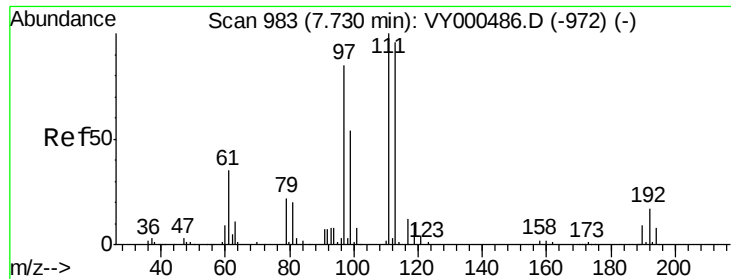
Ion 63.00 (62.70 to 63.70): VY000776.D (-1093) (-)

Ion 87.90 (87.60 to 88.60): VY000776.D (-1093) (-)

8.70

Time-->

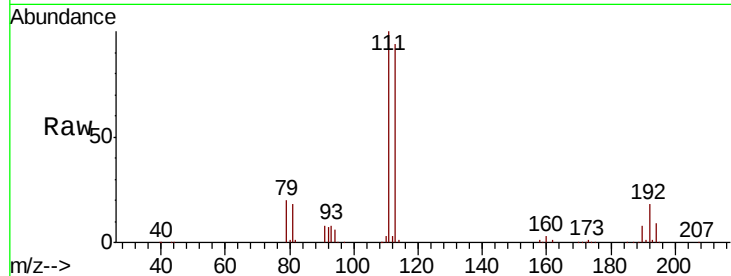




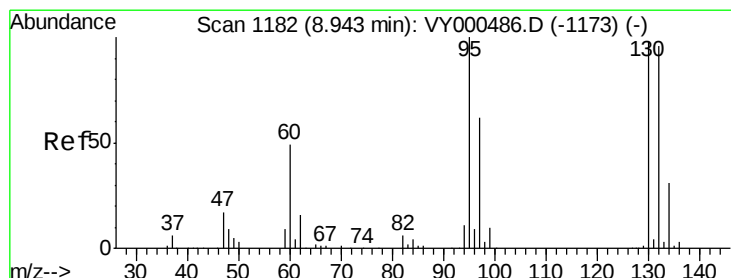
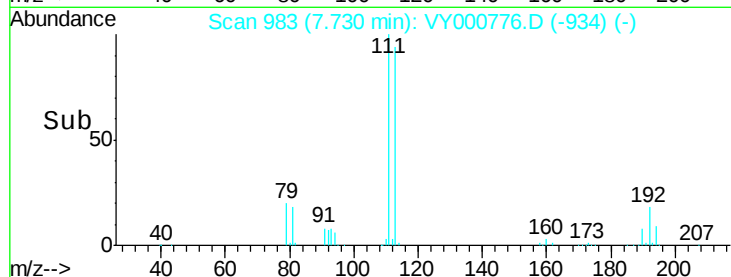
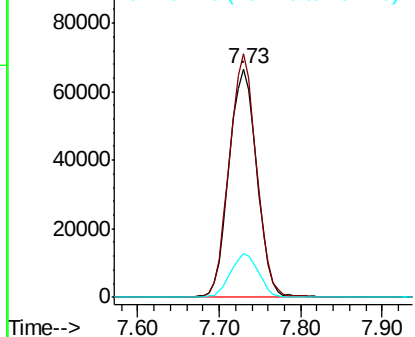
#35
Dibromofluoromethane
Concen: 49.667 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000776.D
Acq: 21 Nov 2019 18:17

Instrument :
MSVOA_Y
ClientSampleId :
WS-112019-4-5-GRAB-B4

Tot Ion:113 Resp: 156711
Ion Ratio Lower Upper
113 100
111 103.3 81.7 122.5
192 19.3 15.0 22.4

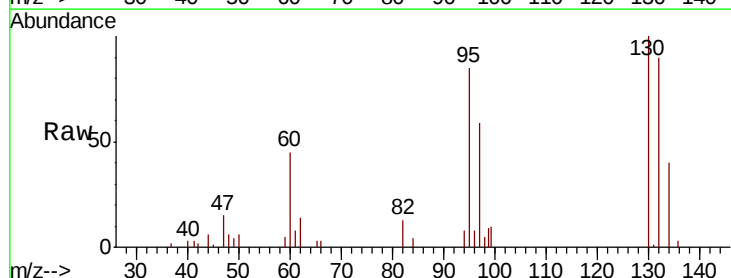


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

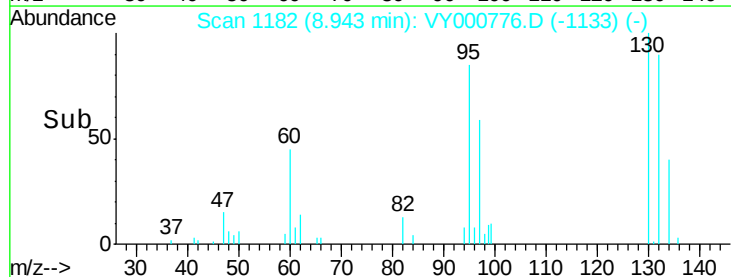
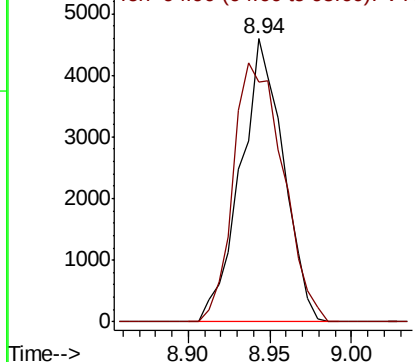


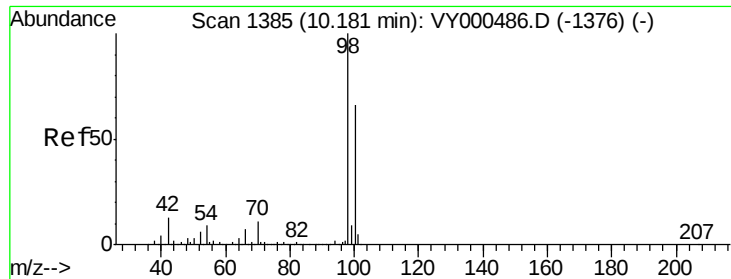
#44
Trichloroethene
Concen: 2.136 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY000776.D
Acq: 21 Nov 2019 18:17

Tgt Ion:130 Resp: 8389
Ion Ratio Lower Upper
130 100
95 84.6 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VY0





#50

Toluene-d8

Concen: 54.381 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000776.D

Acq: 21 Nov 2019 18:17

Instrument :

MSVOA_Y

ClientSampleId :

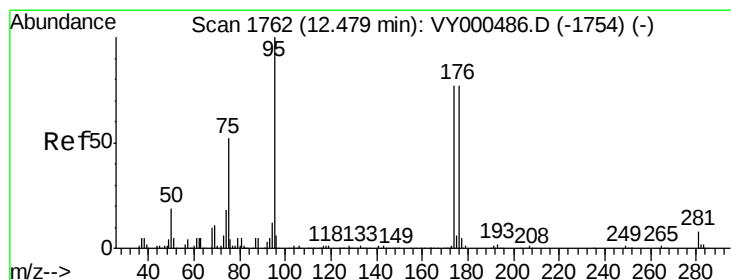
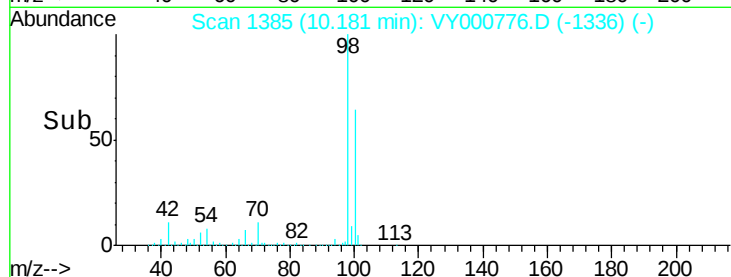
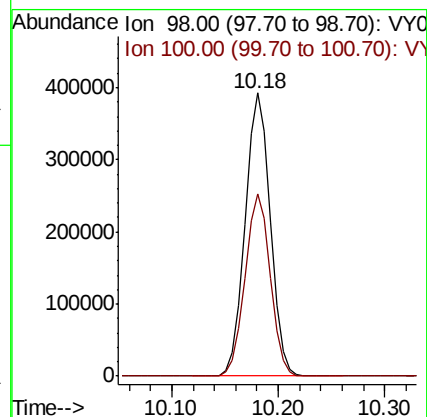
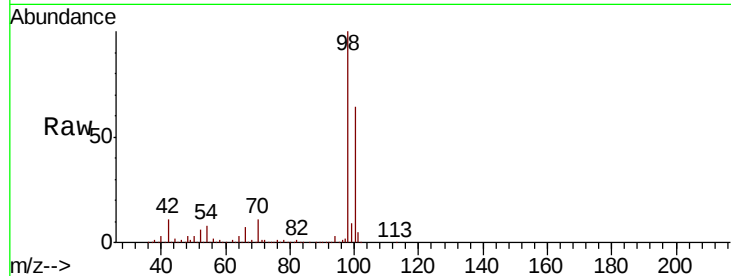
WS-112019-4-5-GRAB-B4

Tot Ion: 98 Resp: 651070

Ion Ratio Lower Upper

98 100

100 64.6 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 43.647 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000776.D

Acq: 21 Nov 2019 18:17

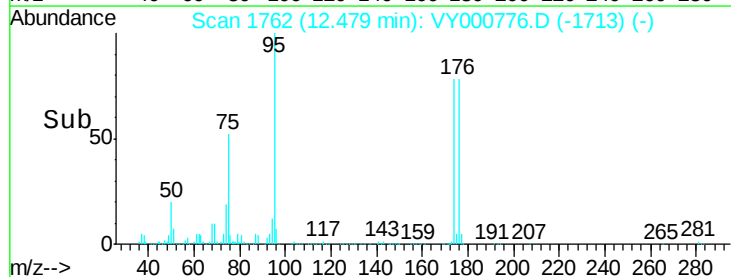
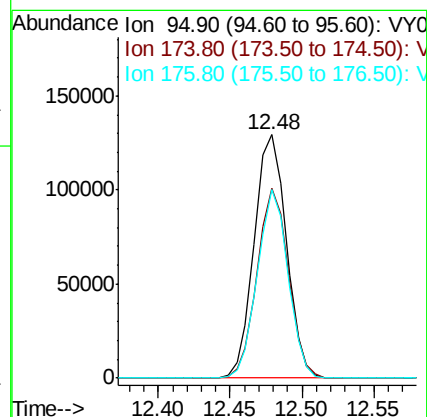
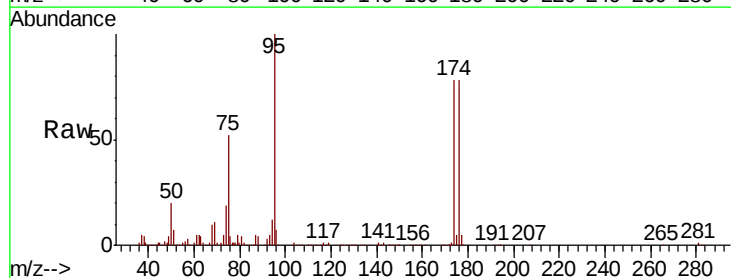
Tgt Ion: 95 Resp: 198936

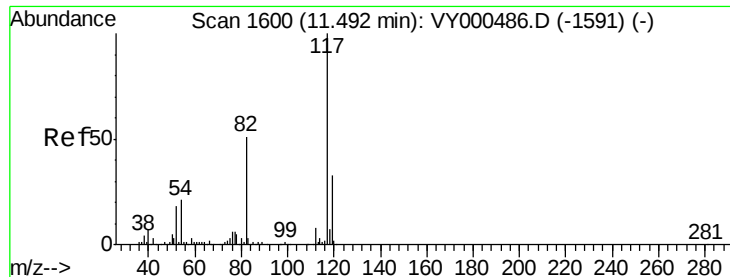
Ion Ratio Lower Upper

95 100

174 76.3 0.0 161.6

176 74.1 0.0 157.8

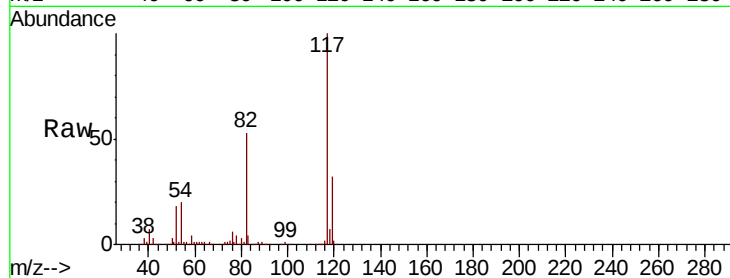




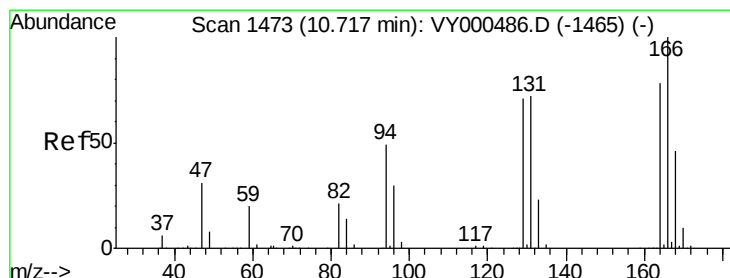
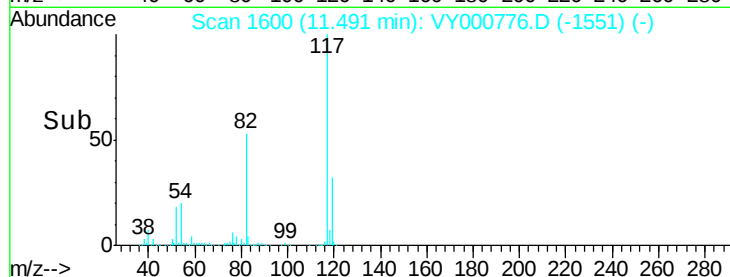
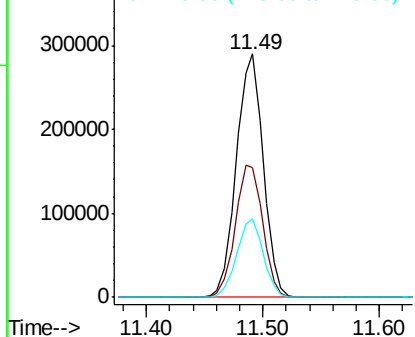
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000776.D
Acq: 21 Nov 2019 18:17

Instrument :
MSVOA_Y
ClientSampleId :
WS-112019-4-5-GRAB-B4

Tot Ion:117 Resp: 467568
Ion Ratio Lower Upper
117 100
82 53.3 40.8 61.2
119 32.4 26.2 39.2

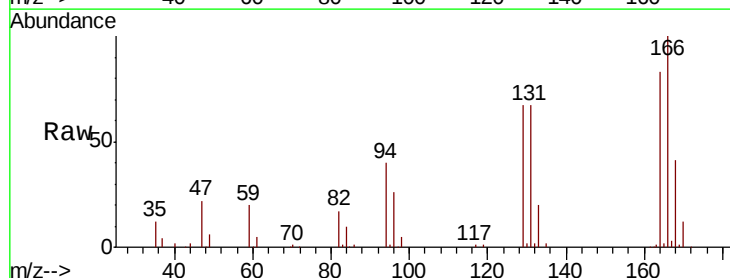


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

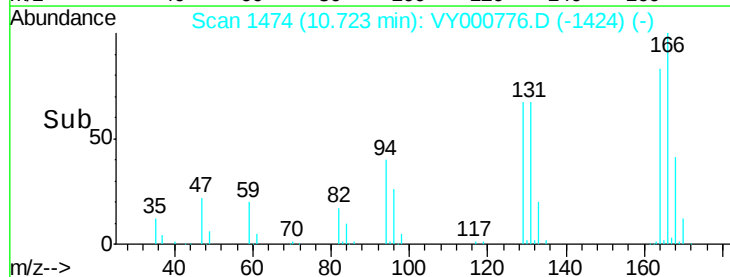
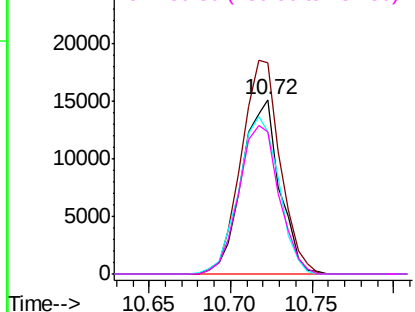


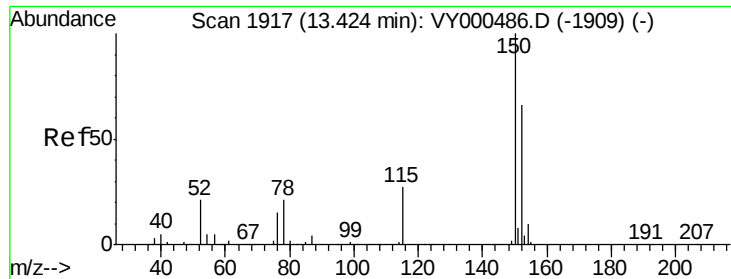
#64
Tetrachloroethene
Concen: 6.330 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VY000776.D
Acq: 21 Nov 2019 18:17

Tgt Ion:164 Resp: 24473
Ion Ratio Lower Upper
164 100
166 120.9 102.7 154.1
129 81.2 73.2 109.8
131 81.5 74.2 111.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000776.D
Acq: 21 Nov 2019 18:17

Instrument :
MSVOA_Y
ClientSampleId :
WS-112019-4-5-GRAB-B4

Tot Ion	Ratio	Lower	Upper
152	100		
115	62.9	29.1	87.4
150	161.1	0.0	348.8

