

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112119\
 Data File : VY000778.D
 Acq On : 21 Nov 2019 19:02
 Operator : SY/MD
 Sample : K5959-12
 Misc : 5.72G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WS-112019-4-5-GRAB-B2

Quant Time: Nov 22 04:59:22 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

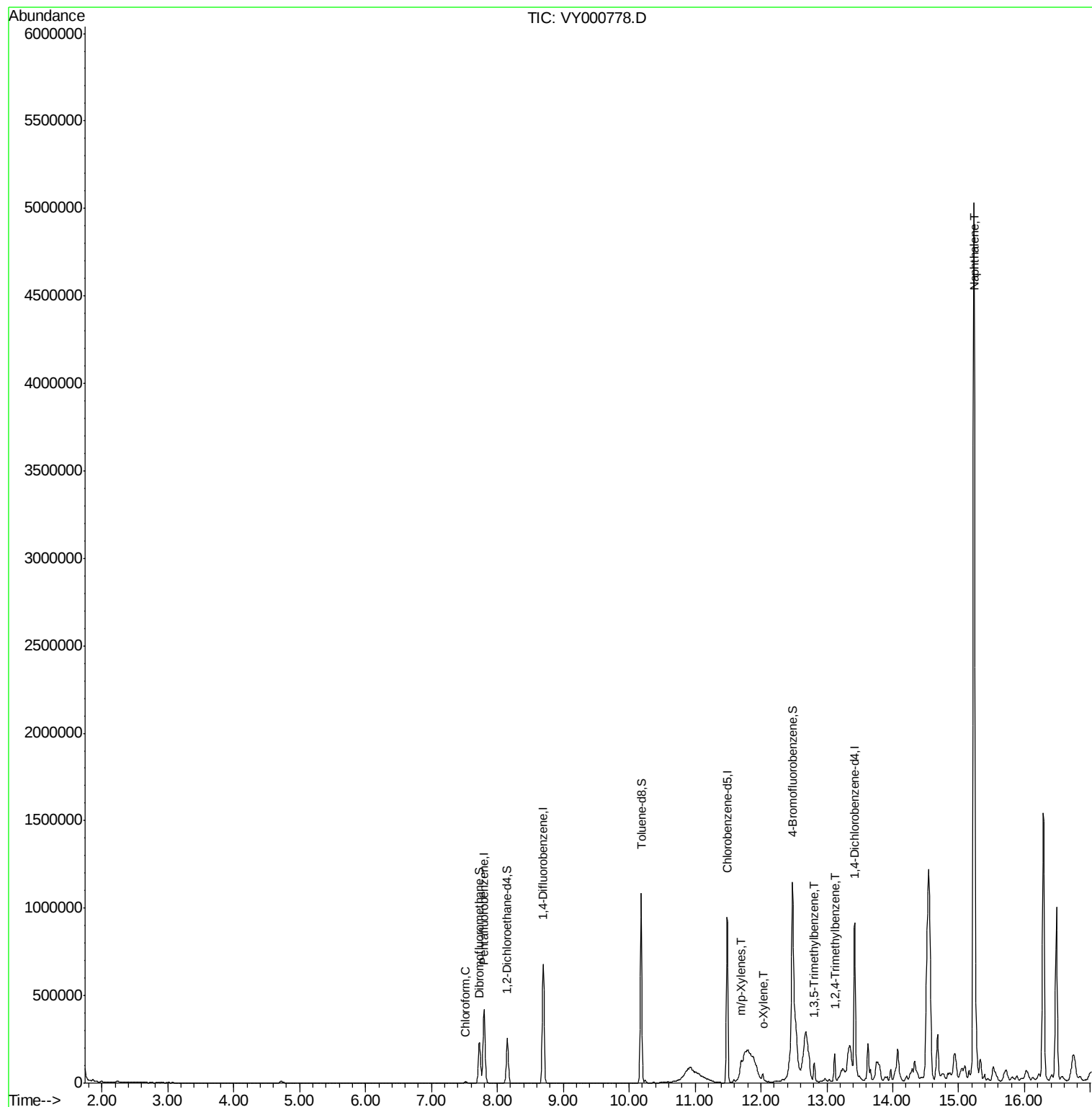
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	322101	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	588297	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	521128	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	225852	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	185395	55.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.24%	
35) Dibromofluoromethane	7.73	113	167624	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	
50) Toluene-d8	10.18	98	694224	52.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.94%	
62) 4-Bromofluorobenzene	12.48	95	233916	46.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.78%	
Target Compounds						
30) Chloroform	7.52	83	6690	1.074	ug/l	98
68) m/p-Xylenes	11.69	106	13573	1.803	ug/l	81
69) o-Xylene	12.03	106	9561	1.352	ug/l	93
80) 1,3,5-Trimethylbenzene	12.81	105	51315	3.691	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	87090	6.292	ug/l	96
95) Naphthalene	15.23	128	3851133	378.745	ug/l	100

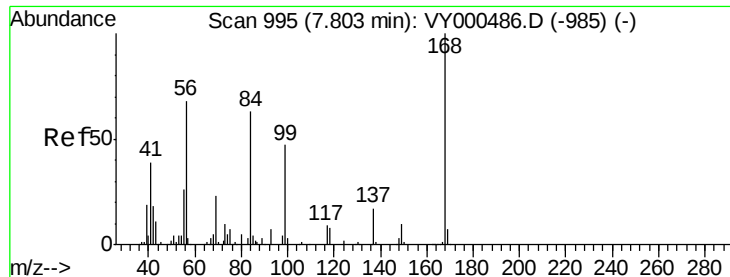
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
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: VY000778.D

Acq: 21 Nov 2019 19:02

Instrument :

MSVOA_Y

ClientSampleId :

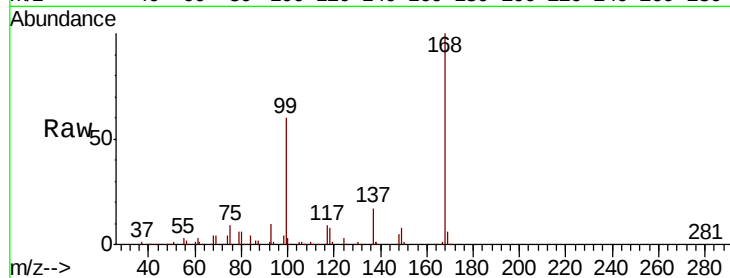
WS-112019-4-5-GRAB-B2

Tot Ion:168 Resp: 322101

Ion Ratio Lower Upper

168 100

99 59.7 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000778.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000778.D (-985) (-)

7.80

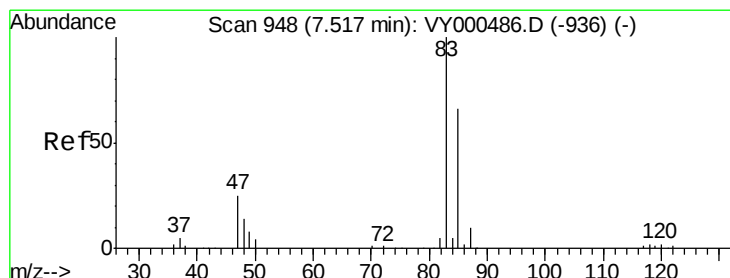
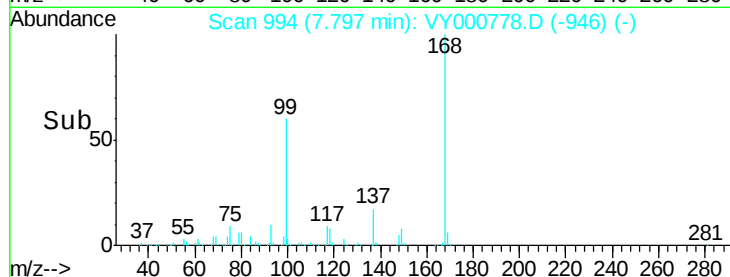
150000

100000

50000

0

Time-->



#30

Chloroform

Concen: 1.074 ug/l

RT: 7.52 min Scan# 949

Delta R.T. 0.01 min

Lab File: VY000778.D

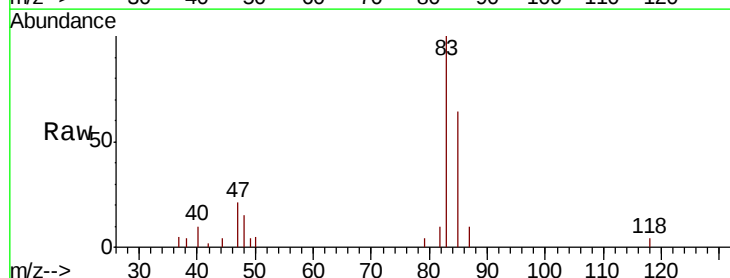
Acq: 21 Nov 2019 19:02

Tgt Ion: 83 Resp: 6690

Ion Ratio Lower Upper

83 100

85 64.2 53.0 79.4



Abundance Ion 82.90 (82.60 to 83.60): VY000778.D (-899) (-)

Ion 84.90 (84.60 to 85.60): VY000778.D (-899) (-)

7.52

3000

2500

2000

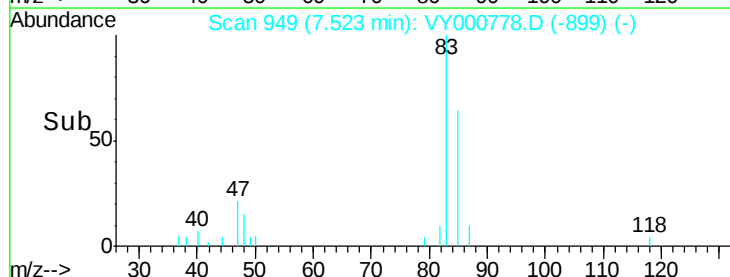
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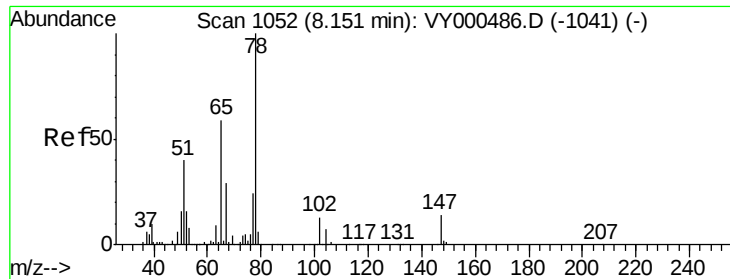
1000

500

0

Time-->

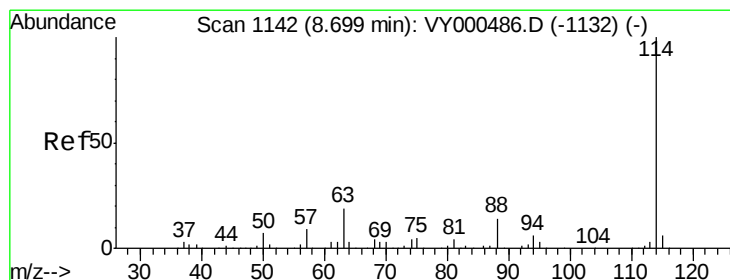
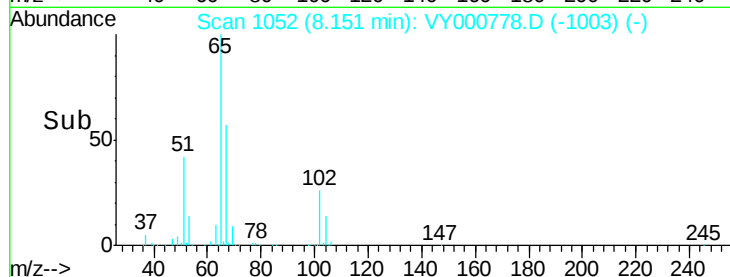
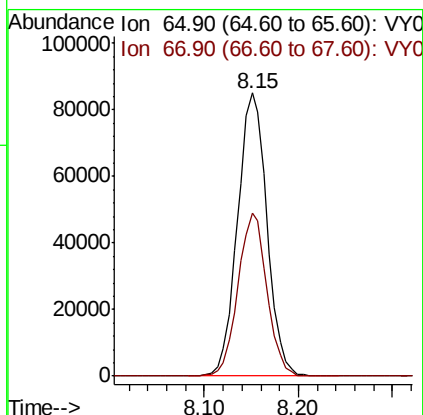
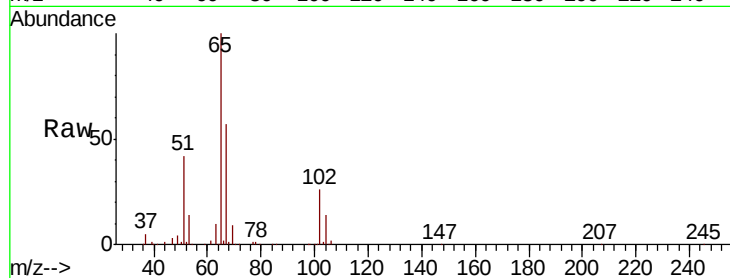




#33
 1,2-Dichloroethane-d4
 Concen: 55.619 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000778.D
 Acq: 21 Nov 2019 19:02

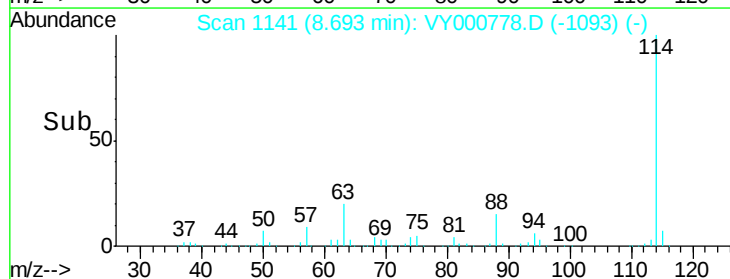
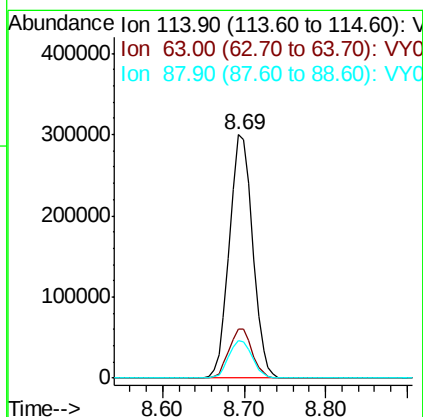
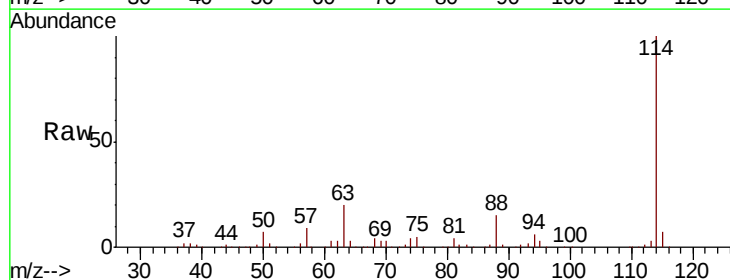
Instrument :
 MSVOA_Y
 ClientSampleId :
 WS-112019-4-5-GRAB-B2

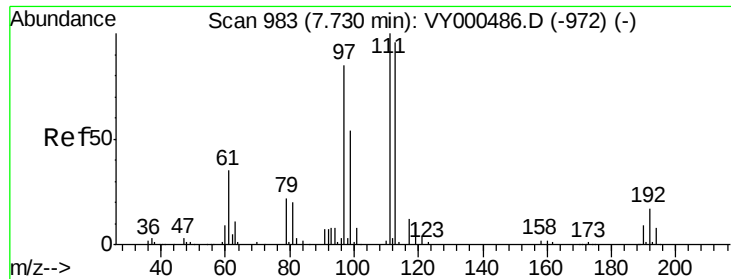
Tot Ion: 65 Resp: 185395
 Ion Ratio Lower Upper
 65 100
 67 56.5 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000778.D
 Acq: 21 Nov 2019 19:02

Tgt Ion: 114 Resp: 588297
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 38.0
 88 15.3 0.0 28.6

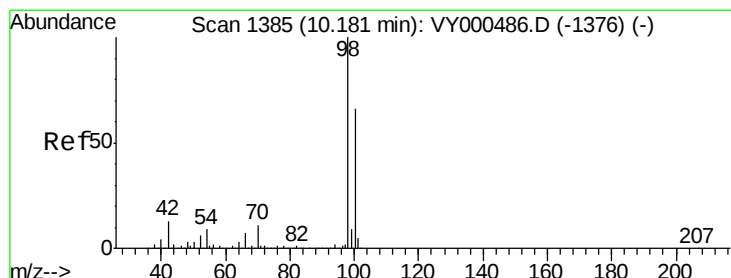
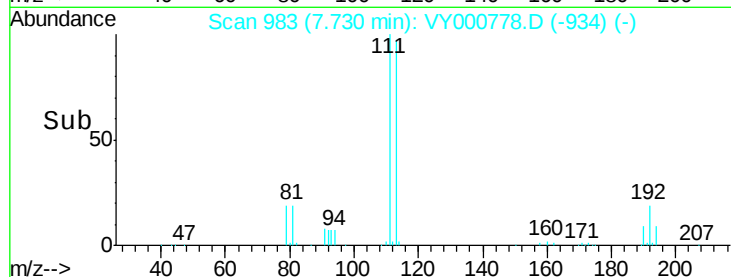
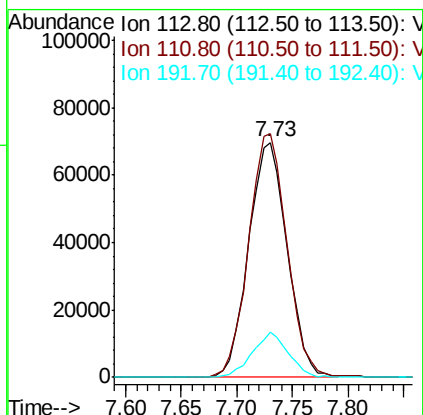
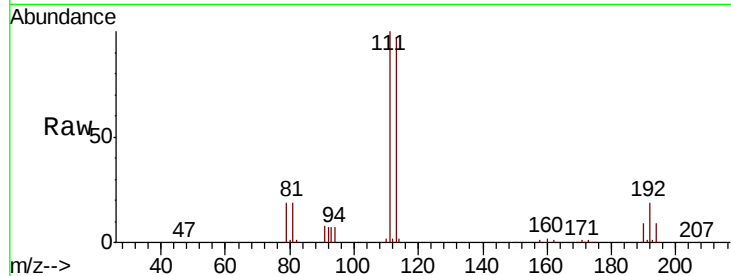




#35
 Dibromofluoromethane
 Concen: 48.535 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000778.D
 Acq: 21 Nov 2019 19:02

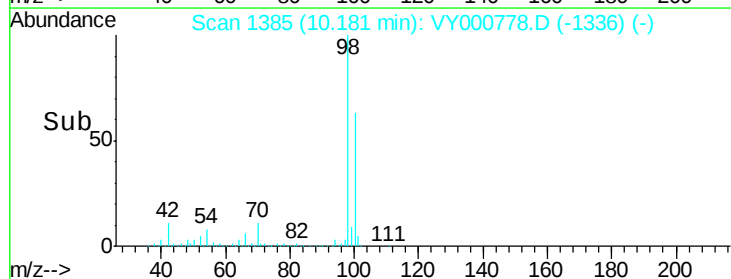
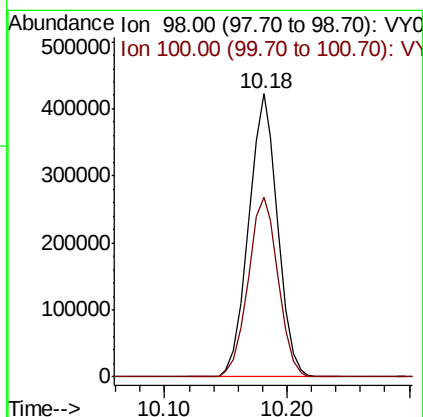
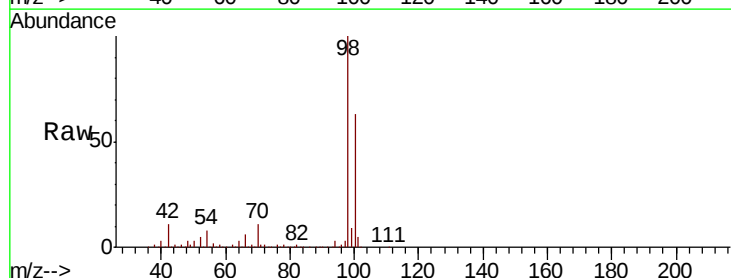
Instrument :
 MSVOA_Y
 ClientSampleId :
 WS-112019-4-5-GRAB-B2

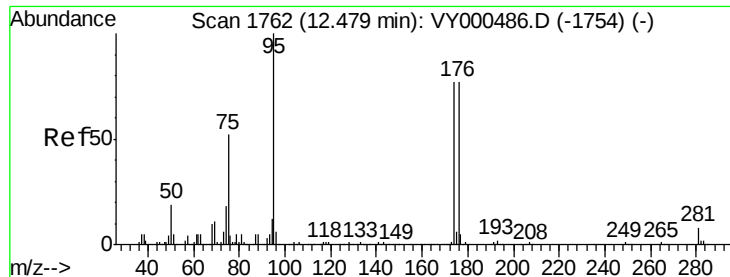
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.7	122.5
192	18.0	15.0	22.4



#50
 Toluene-d8
 Concen: 52.974 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY000778.D
 Acq: 21 Nov 2019 19:02

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.9	79.3

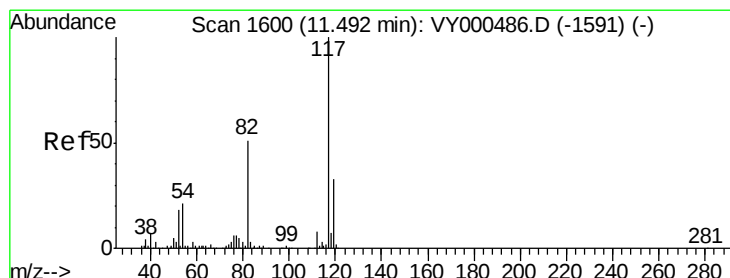
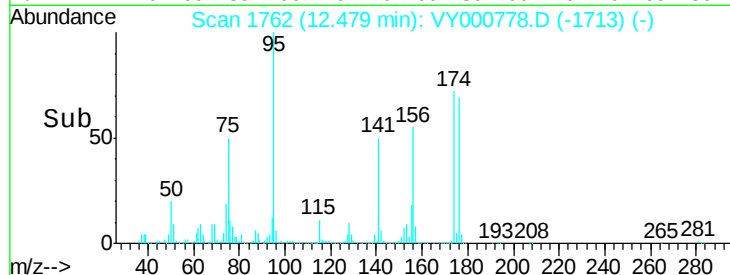
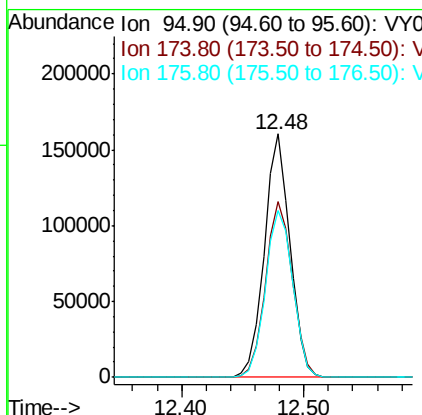
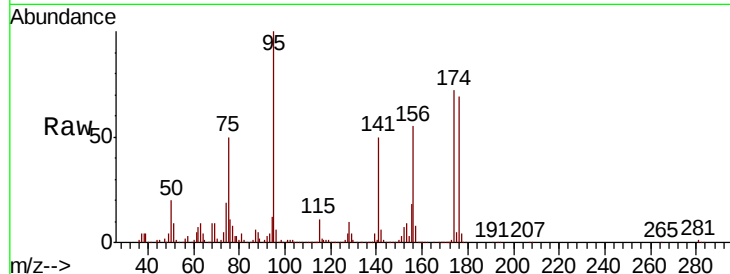




#62
4-Bromofluorobenzene
Concen: 46.887 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000778.D
Acq: 21 Nov 2019 19:02

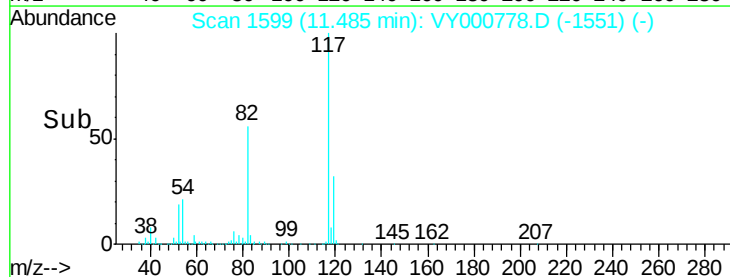
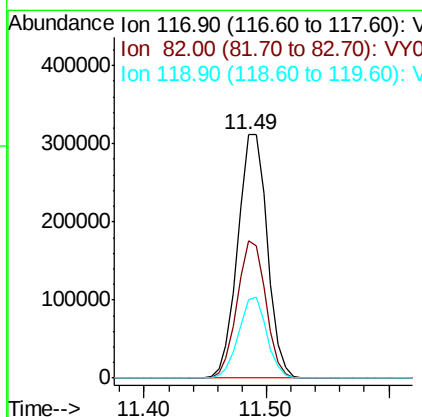
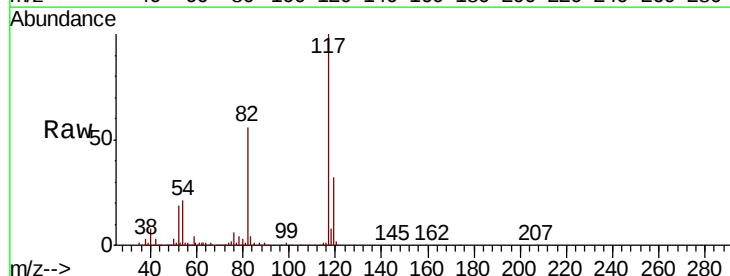
Instrument :
MSVOA_Y
ClientSampleId :
WS-112019-4-5-GRAB-B2

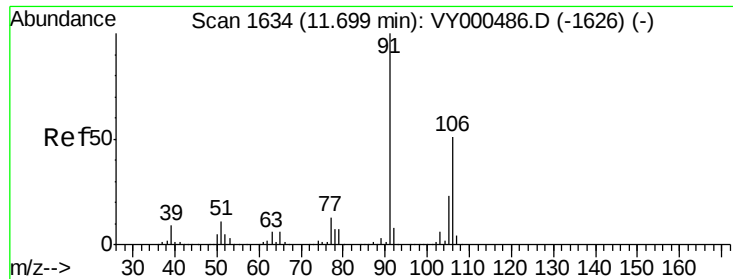
Tot Ion	95	Resp	233916
Ion Ratio	Lower	Upper	
95	100		
174	75.7	0.0	161.6
176	73.0	0.0	157.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000778.D
Acq: 21 Nov 2019 19:02

Tgt Ion	117	Resp	521128
Ion Ratio	Lower	Upper	
117	100		
82	56.4	40.8	61.2
119	32.1	26.2	39.2

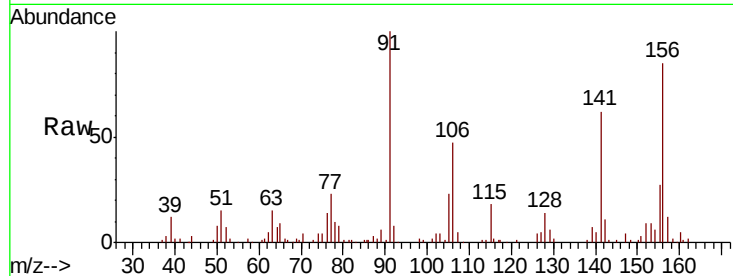




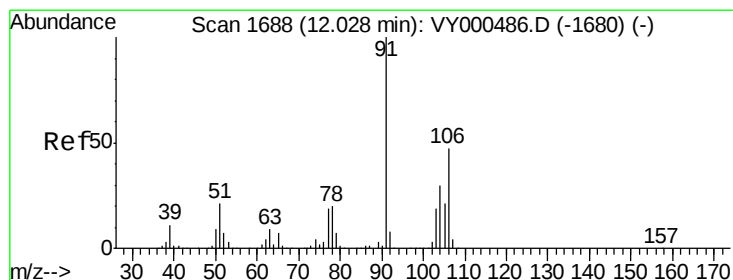
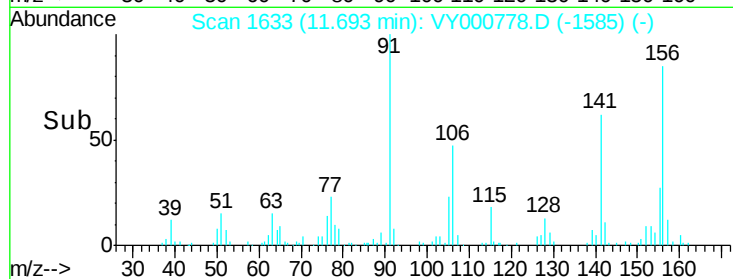
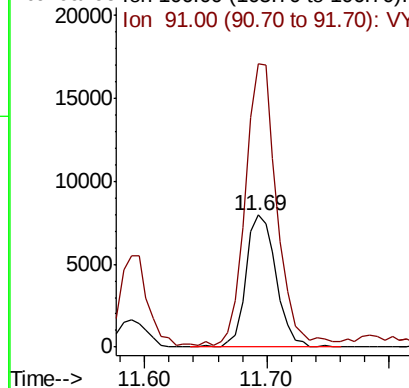
#68
m/p-Xylenes
Concen: 1.803 ug/l
RT: 11.69 min Scan# 1633
Delta R.T. -0.01 min
Lab File: VY000778.D
Acq: 21 Nov 2019 19:02

Instrument :
MSVOA_Y
ClientSampleId :
WS-112019-4-5-GRAB-B2

Tot Ion:106 Resp: 13573
Ion Ratio Lower Upper
106 100
91 222.5 155.9 233.9

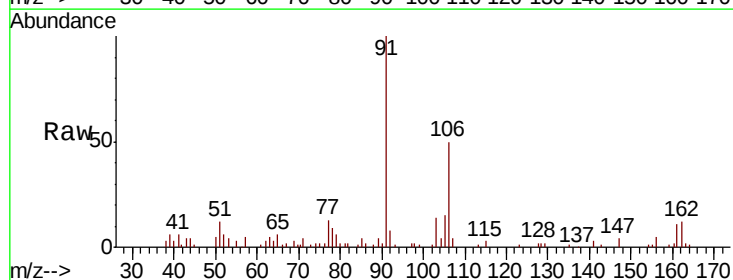


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

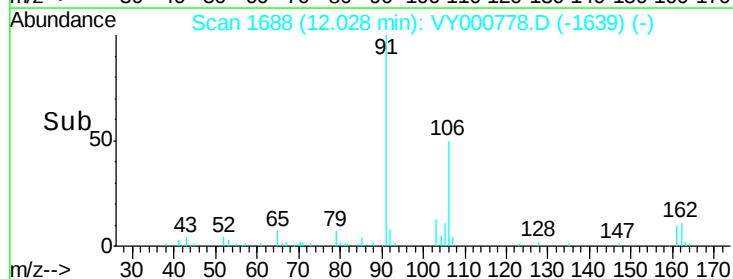
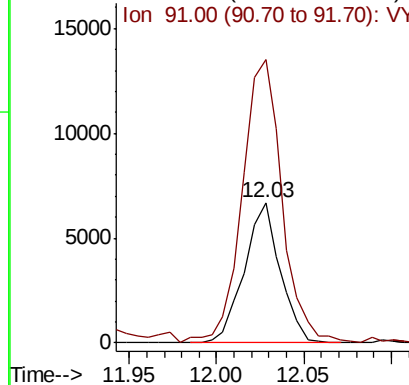


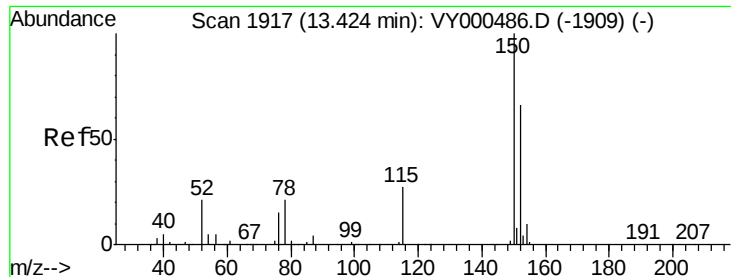
#69
o-Xylene
Concen: 1.352 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000778.D
Acq: 21 Nov 2019 19:02

Tgt Ion:106 Resp: 9561
Ion Ratio Lower Upper
106 100
91 224.8 106.5 319.6



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0



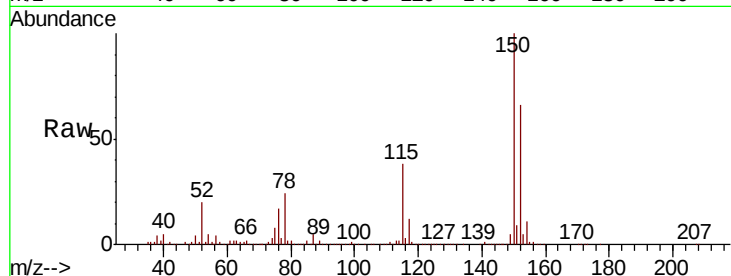


#72

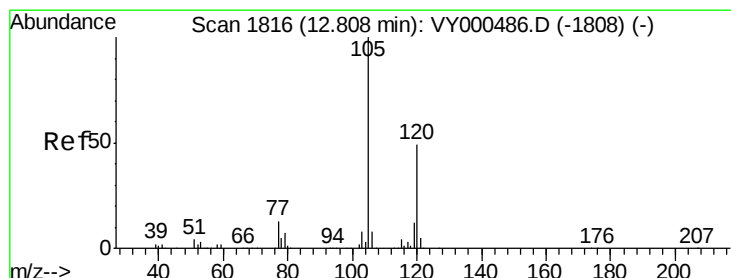
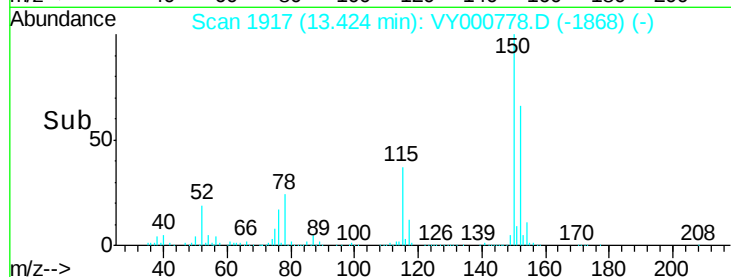
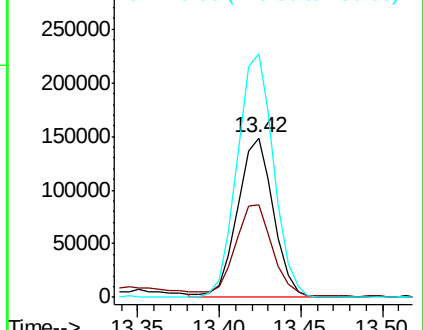
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000778.D
Acq: 21 Nov 2019 19:02

Instrument :
MSVOA_Y
ClientSampleId :
WS-112019-4-5-GRAB-B2

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.4	29.1	87.4
150	155.6	0.0	348.8



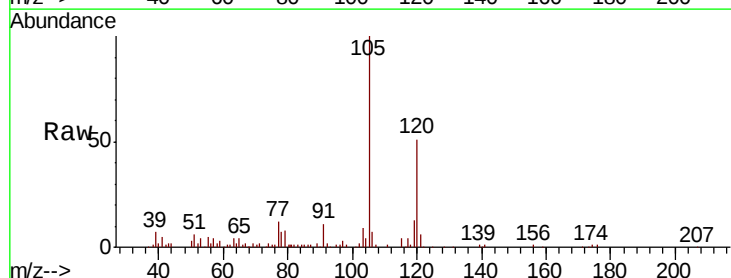
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



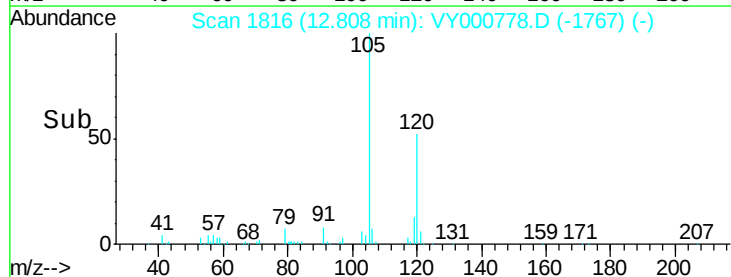
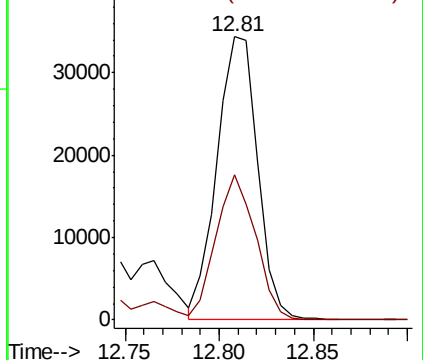
#80

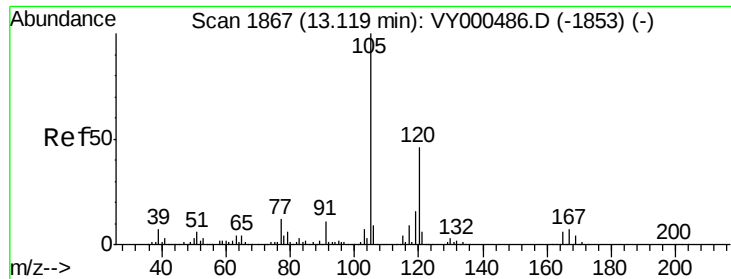
1,3,5-Trimethylbenzene
Concen: 3.691 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VY000778.D
Acq: 21 Nov 2019 19:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	50.1	24.9	74.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

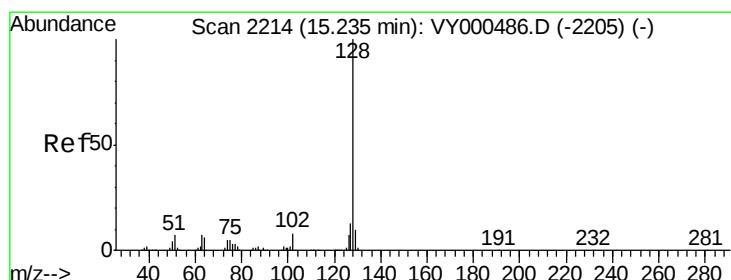
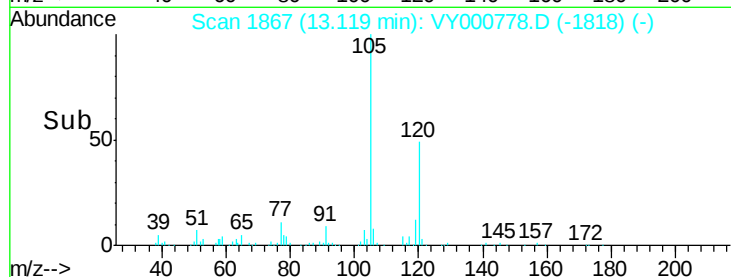
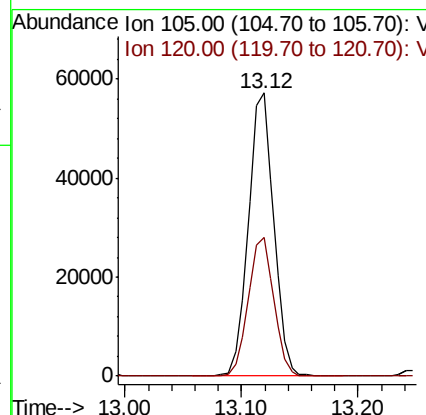
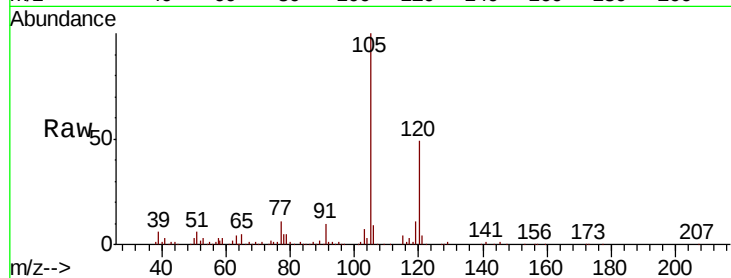




#84
 1,2,4-Trimethylbenzene
 Concen: 6.292 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000778.D
 Acq: 21 Nov 2019 19:02

Instrument :
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 WS-112019-4-5-GRAB-B2

Tot Ion:105 Resp: 87090
 Ion Ratio Lower Upper
 105 100
 120 49.3 23.3 69.9



#95
 Naphthalene
 Concen: 378.745 ug/l
 RT: 15.23 min Scan# 2214
 Delta R.T. -0.00 min
 Lab File: VY000778.D
 Acq: 21 Nov 2019 19:02

Tgt Ion:128 Resp: 3851133
 Ion Ratio Lower Upper
 128 100
 127 12.4 9.8 14.6
 129 10.9 8.7 13.1

