

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083019\
 Data File : VU034080.D
 Acq On : 29 Aug 2019 22:15
 Operator : JC/SP
 Sample : K4609-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CARBON-DRUM

Quant Time: Aug 30 14:12:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 04:11:12 2019
 Response via : Initial Calibration

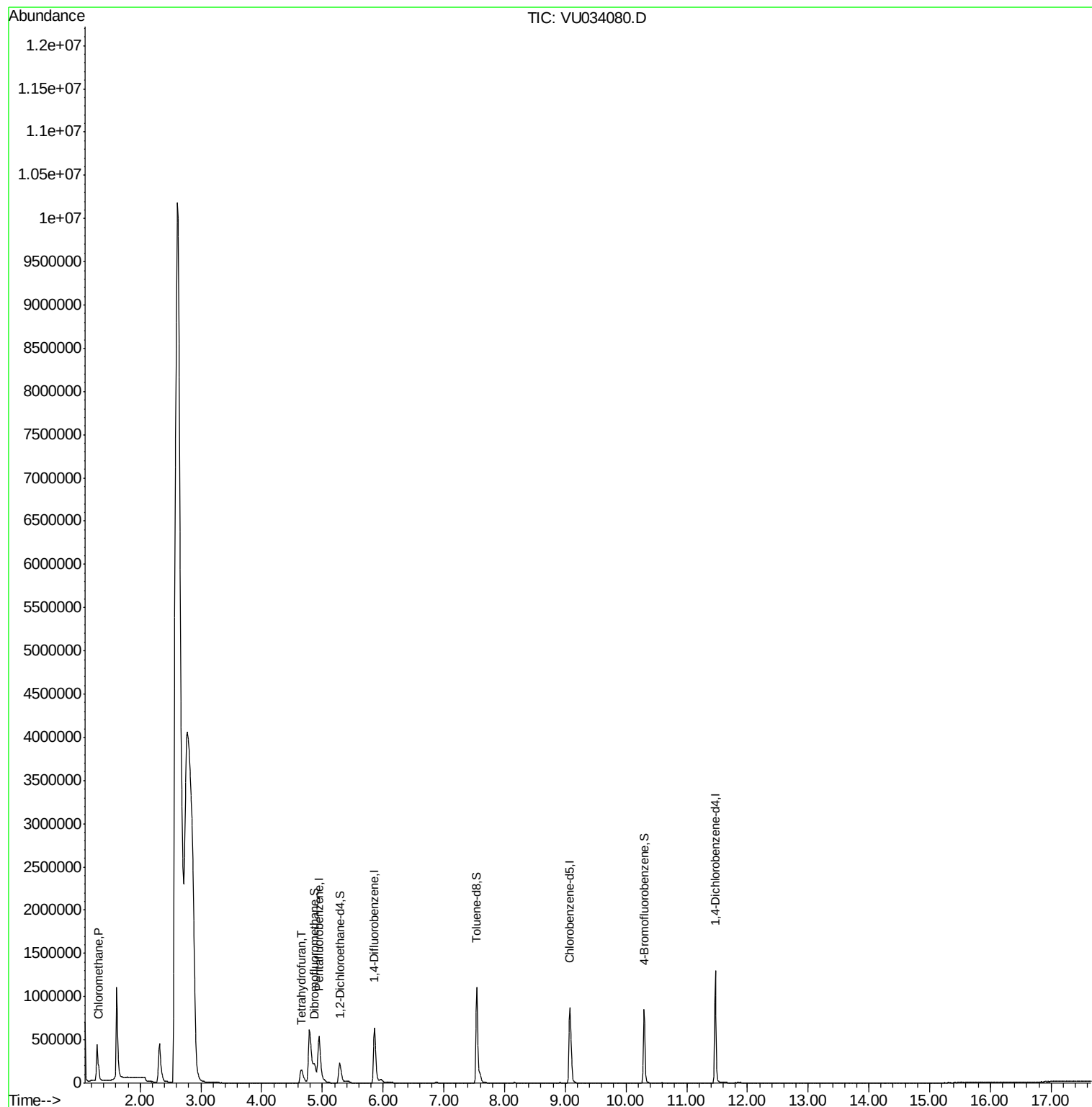
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.95	168	483773	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	715347	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	733426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	366938	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	266940	43.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.12%	
35) Dibromofluoromethane	4.87	113	201211	40.55	ug/l	0.01
Spiked Amount 50.000			Recovery	=	81.10%	
50) Toluene-d8	7.54	98	958410	51.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.18%	
62) 4-Bromofluorobenzene	10.30	95	340993	47.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.38%	
Target Compounds						
3) Chloromethane	1.32	50	77081	10.199	ug/l	Qvalue 100
29) Tetrahydrofuran	4.66	42	186057	68.561	ug/l	96

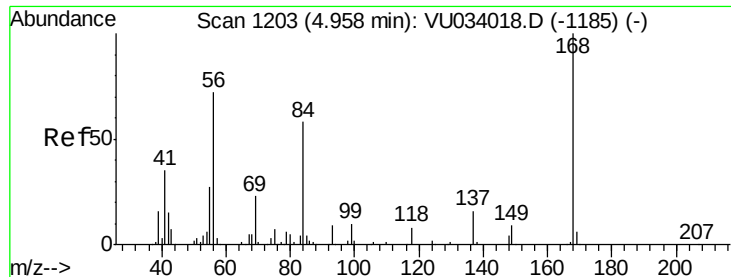
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.95 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VU034080.D

Acq: 29 Aug 2019 22:15

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MSVOA_U

ClientSampleId :

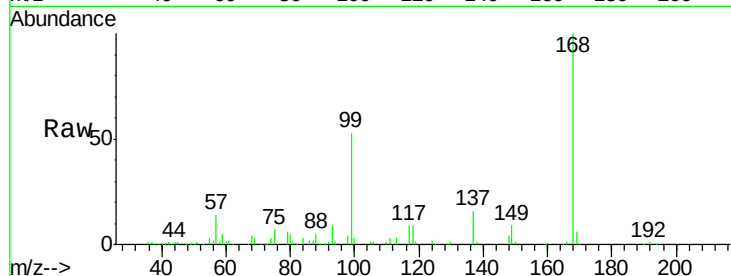
CARBON-DRUM

Tot Ion:168 Resp: 483773

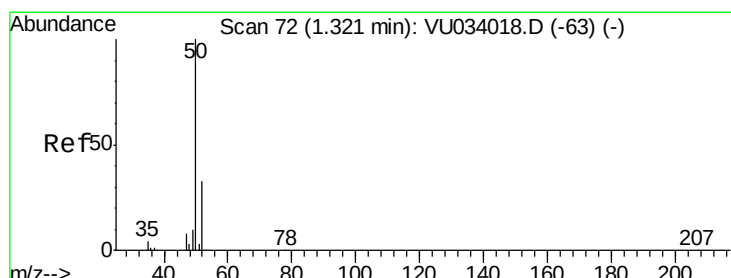
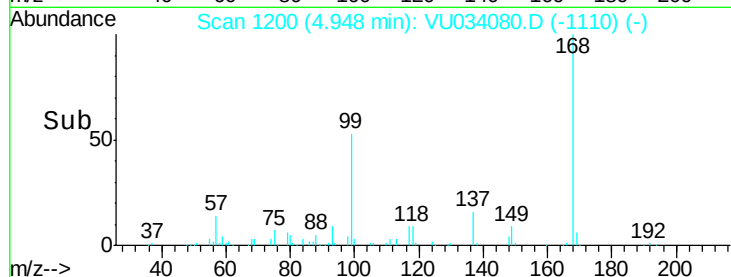
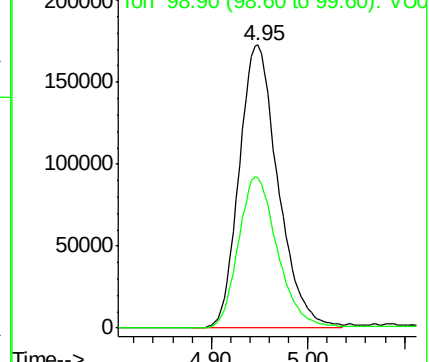
Ion Ratio Lower Upper

168 100

99 52.9 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034018.D (-1185) (-)



#3

Chloromethane

Concen: 10.199 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU034080.D

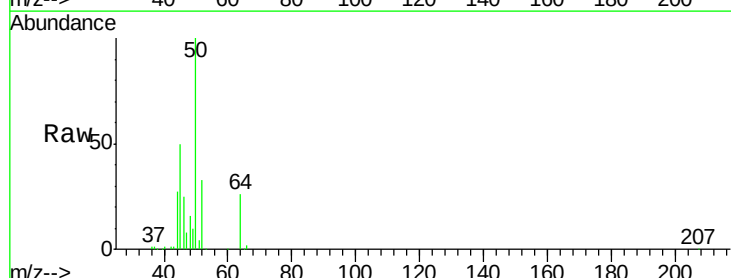
Acq: 29 Aug 2019 22:15

Tgt Ion: 50 Resp: 77081

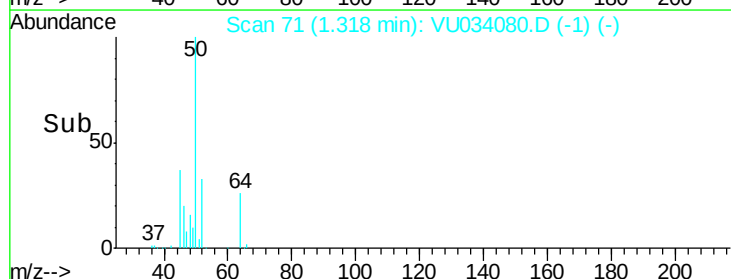
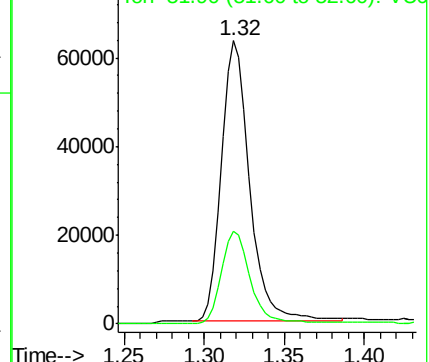
Ion Ratio Lower Upper

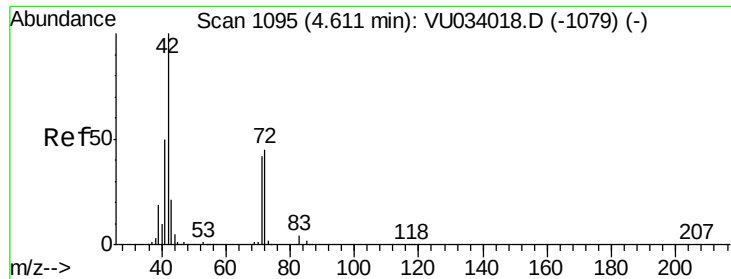
50 100

52 33.0 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VU034018.D (-63) (-)





#29

Tetrahydrofuran

Concen: 68.561 ug/l

RT: 4.66 min Scan# 1110

Delta R.T. 0.05 min

Lab File: VU034080.D

Acq: 29 Aug 2019 22:15

Instrument :

MSVOA_U

ClientSampleId :

CARBON-DRUM

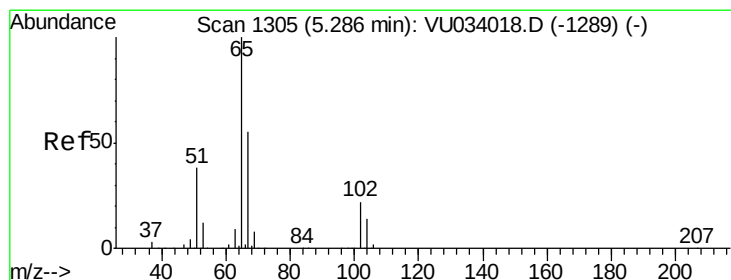
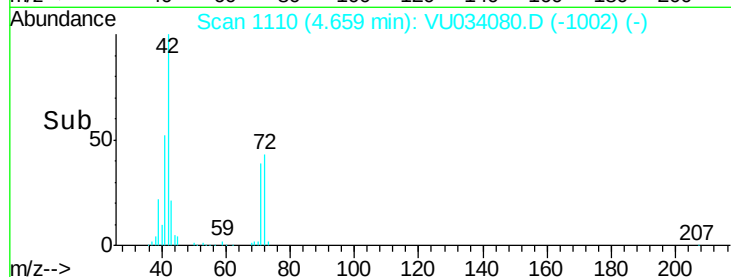
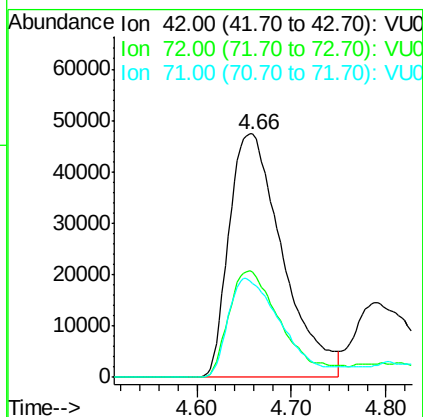
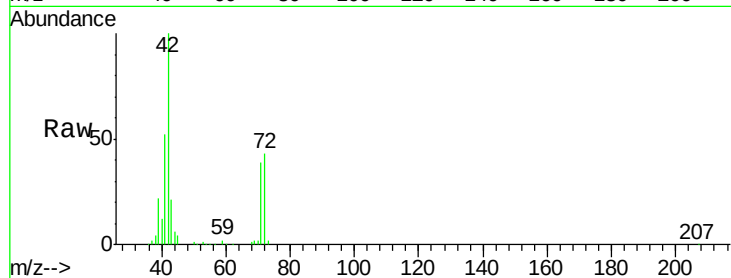
Tot Ion: 42 Resp: 186057

Ion Ratio Lower Upper

42 100

72 42.3 35.8 53.6

71 39.9 34.0 51.0



#33

1,2-Dichloroethane-d4

Concen: 43.063 ug/l

RT: 5.29 min Scan# 1305

Delta R.T. 0.00 min

Lab File: VU034080.D

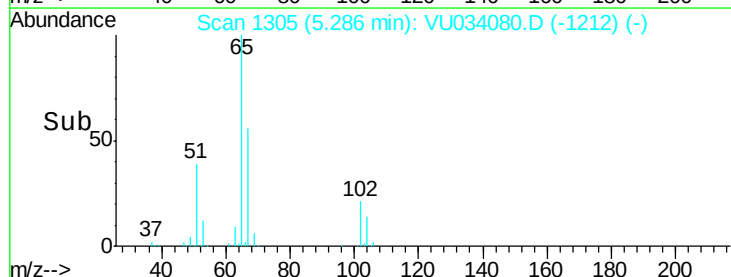
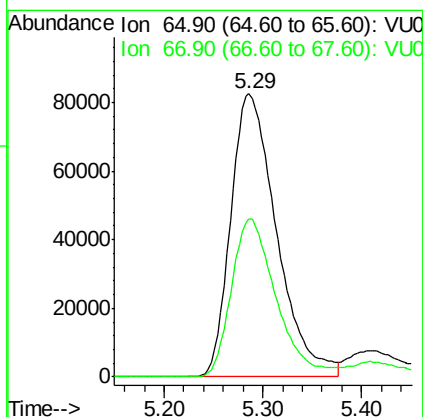
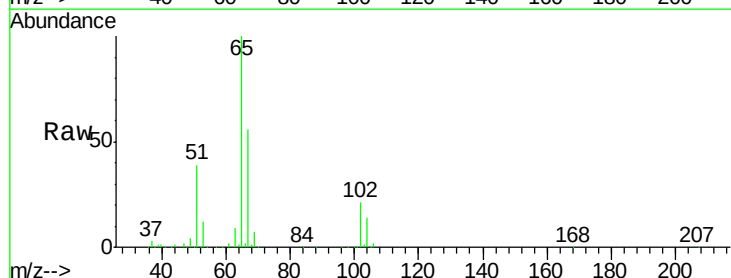
Acq: 29 Aug 2019 22:15

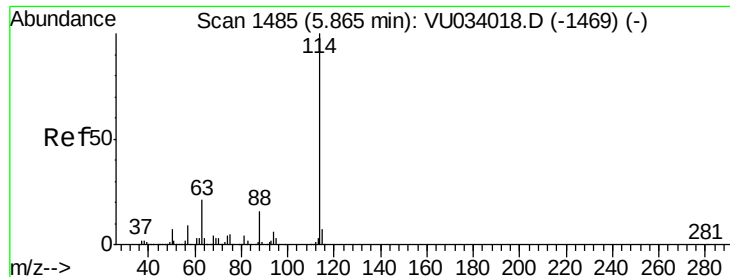
Tgt Ion: 65 Resp: 266940

Ion Ratio Lower Upper

65 100

67 53.8 0.0 110.6

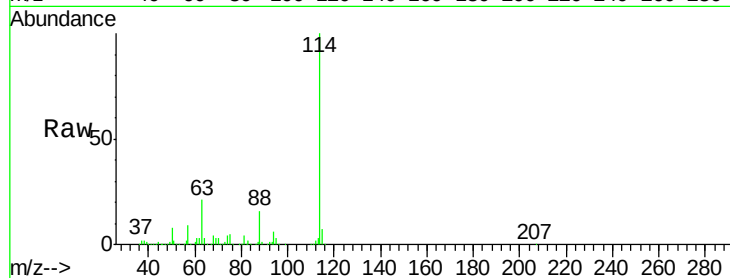




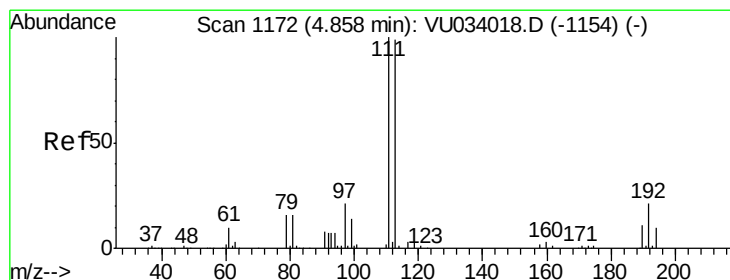
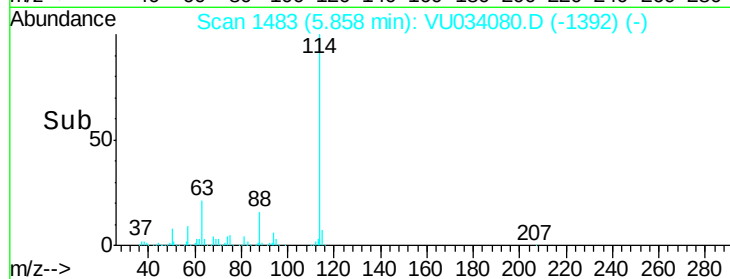
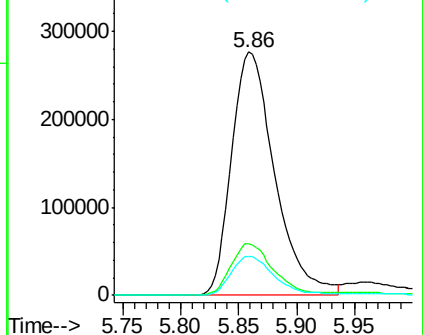
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1483
 Delta R.T. -0.01 min
 Lab File: VU034080.D
 Acq: 29 Aug 2019 22:15

Instrument :
 MSVOA_U
 ClientSampleId :
 CARBON-DRUM

Tot Ion:	114	Resp:	715347
Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	42.0
88	16.2	0.0	32.0

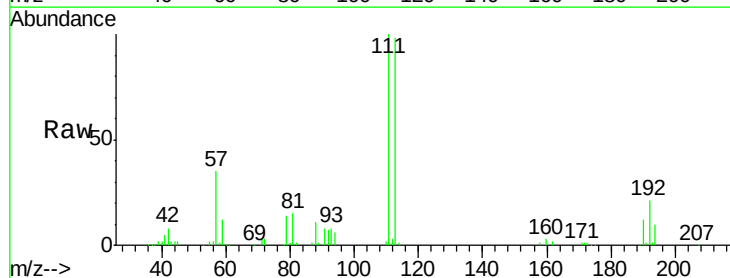


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

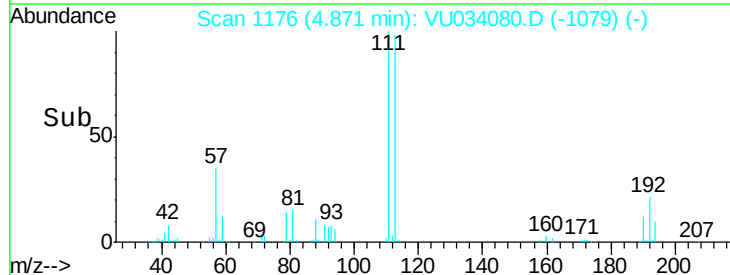
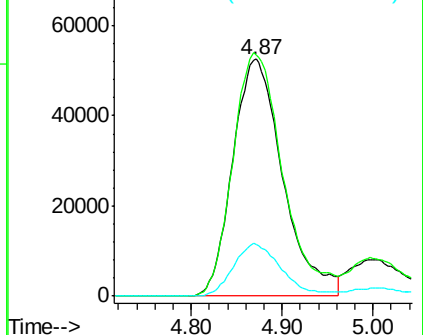


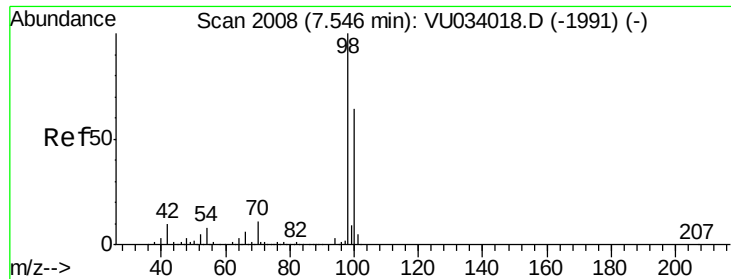
#35
 Dibromofluoromethane
 Concen: 40.554 ug/l
 RT: 4.87 min Scan# 1176
 Delta R.T. 0.01 min
 Lab File: VU034080.D
 Acq: 29 Aug 2019 22:15

Tgt Ion:	113	Resp:	201211
Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.7	122.5
192	21.2	17.1	25.7



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

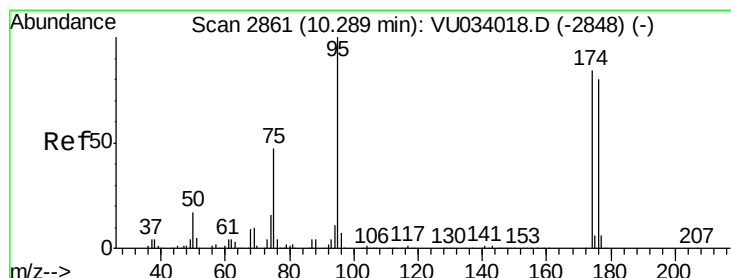
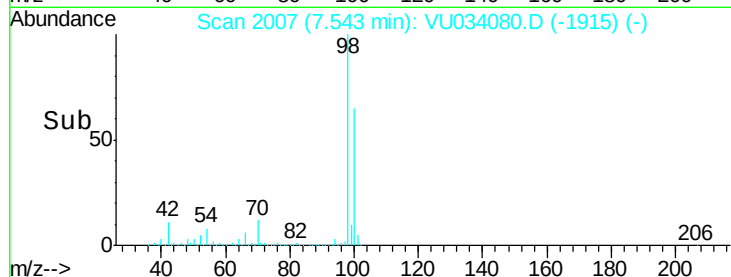
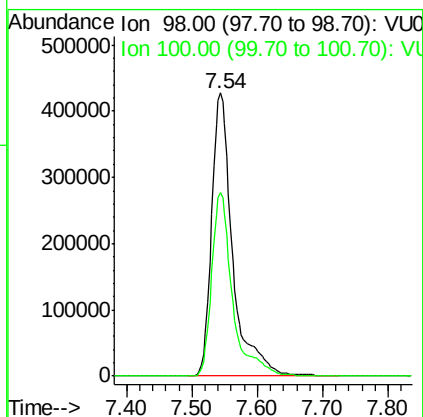
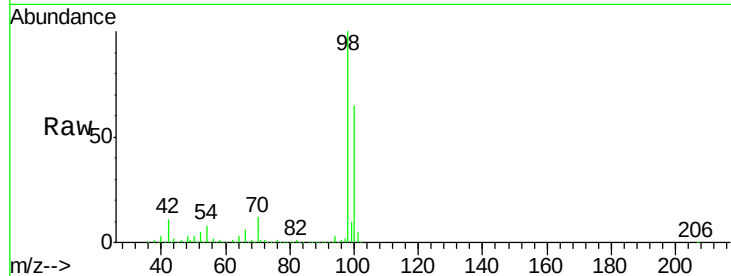




#50
Toluene-d8
Concen: 51.588 ug/l
RT: 7.54 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VU034080.D
Acq: 29 Aug 2019 22:15

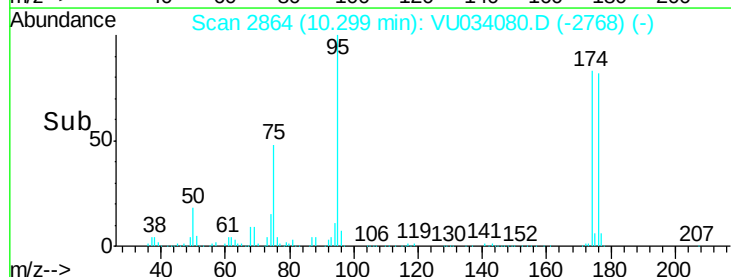
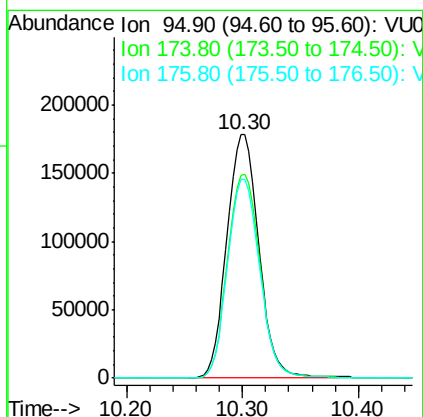
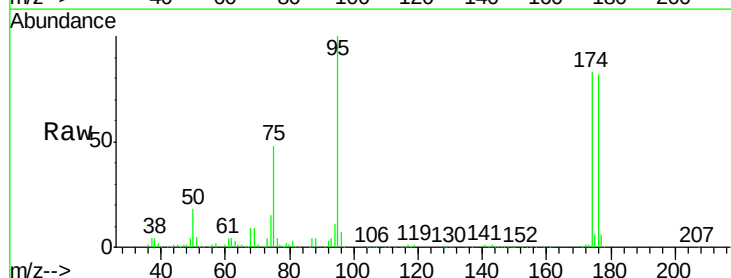
Instrument :
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ClientSampleId :
CARBON-DRUM

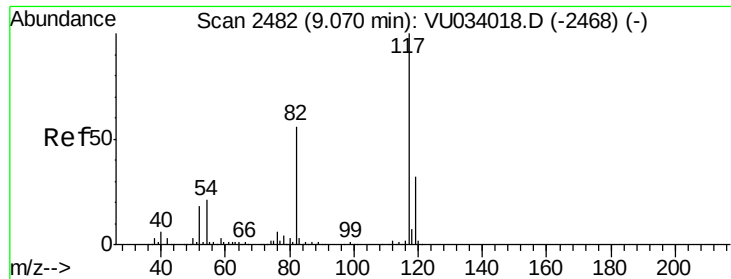
Tot Ion: 98 Resp: 958410
Ion Ratio Lower Upper
98 100
100 64.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 47.185 ug/l
RT: 10.30 min Scan# 2864
Delta R.T. 0.01 min
Lab File: VU034080.D
Acq: 29 Aug 2019 22:15

Tgt Ion: 95 Resp: 340993
Ion Ratio Lower Upper
95 100
174 85.6 0.0 168.8
176 82.4 0.0 161.8

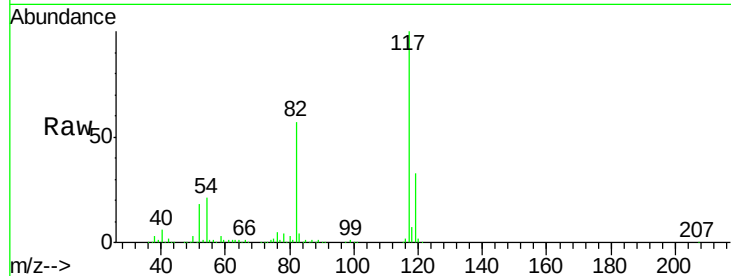




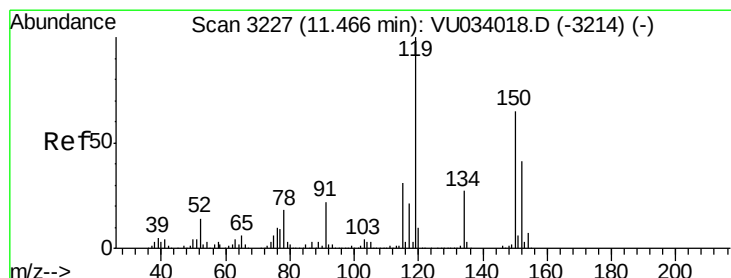
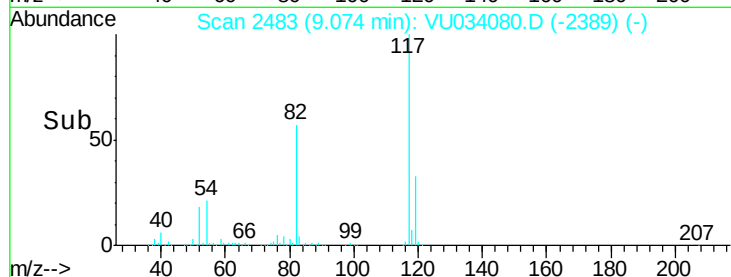
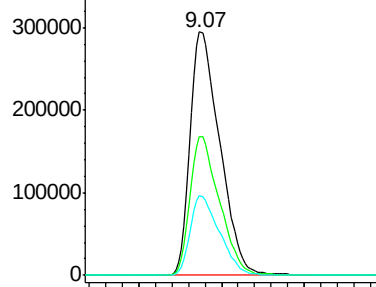
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2483
Delta R.T. 0.00 min
Lab File: VU034080.D
Acq: 29 Aug 2019 22:15

Instrument :
MSVOA_U
ClientSampleId :
CARBON-DRUM

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.7	45.1	67.7
119	32.7	25.4	38.0

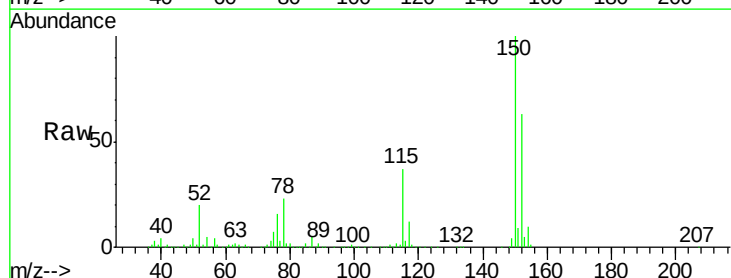


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.47 min Scan# 3229
Delta R.T. 0.01 min
Lab File: VU034080.D
Acq: 29 Aug 2019 22:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.8	41.1	123.3
150	156.8	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

