

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090219\
 Data File : VU034139.D
 Acq On : 31 Aug 2019 22:40
 Operator : JC/SP
 Sample : K4090-20
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 OR-02-082919

Quant Time: Sep 01 05:18:16 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

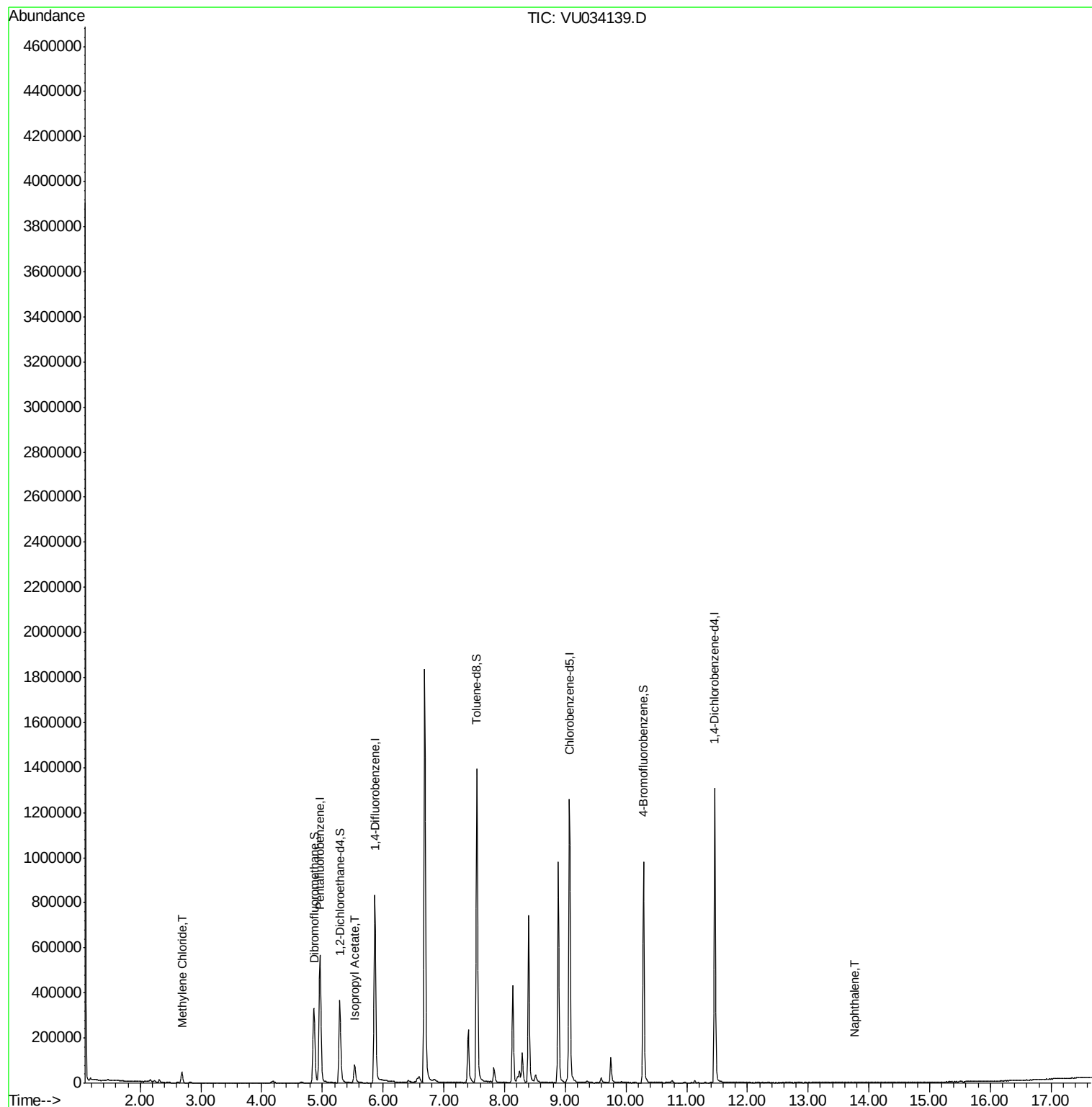
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	462043	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	742232	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	716110	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	354318	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	289674	48.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.86%	
35) Dibromofluoromethane	4.86	113	240969	46.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.62%	
50) Toluene-d8	7.55	98	950652	49.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.64%	
62) 4-Bromofluorobenzene	10.29	95	333538	44.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.96%	
Target Compounds						
20) Methylene Chloride	2.69	84	22138	3.871	ug/l	97
43) Isopropyl Acetate	5.53	43	96700	8.085	ug/l	99
95) Naphthalene	13.76	128	5206	2.017	ug/l #	77

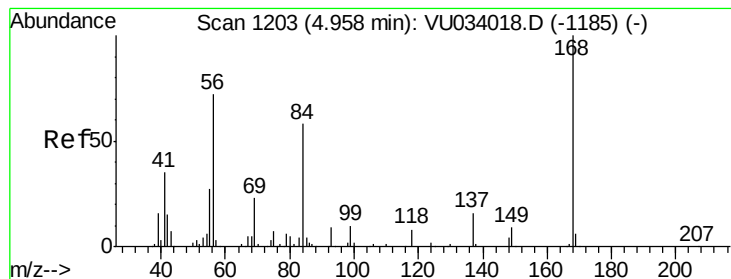
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034139.D

Acq: 31 Aug 2019 22:40

Instrument :

MSVOA_U

ClientSampleId :

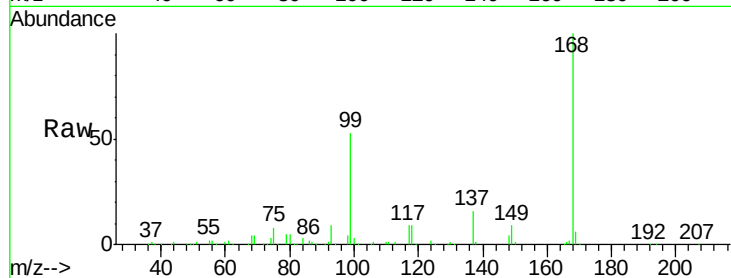
OR-02-082919

Tot Ion:168 Resp: 462043

Ion Ratio Lower Upper

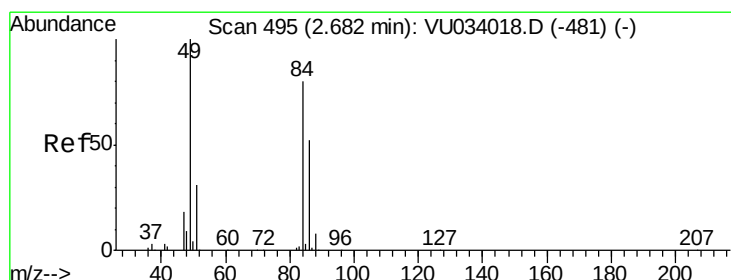
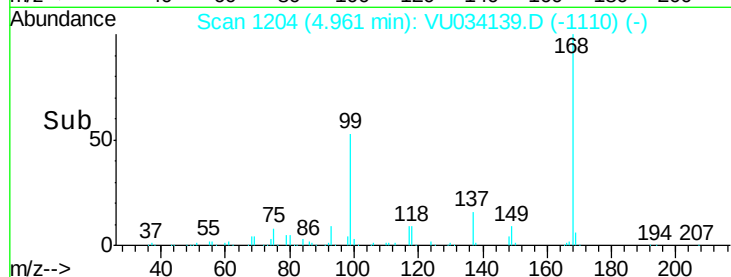
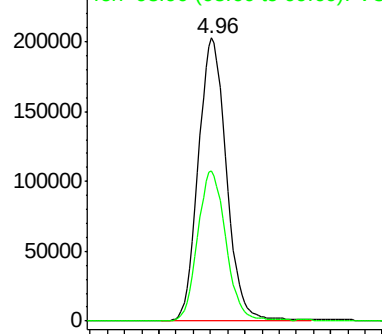
168 100

99 53.1 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU0

Ion 98.90 (98.60 to 99.60): VU0



#20

Methylene Chloride

Concen: 3.871 ug/l

RT: 2.69 min Scan# 497

Delta R.T. 0.01 min

Lab File: VU034139.D

Acq: 31 Aug 2019 22:40

Tgt Ion: 84 Resp: 22138

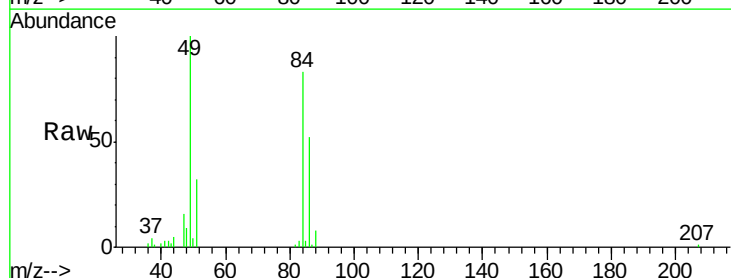
Ion Ratio Lower Upper

84 100

49 121.1 100.2 150.4

51 38.4 30.8 46.2

86 63.4 52.5 78.7

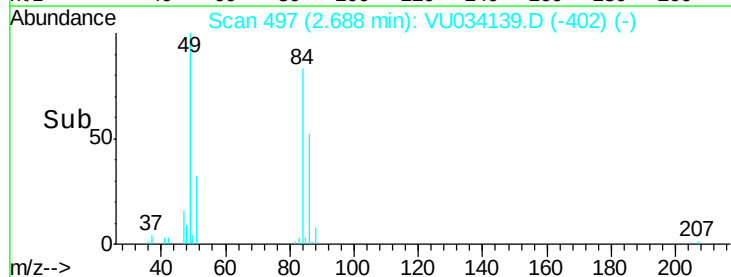
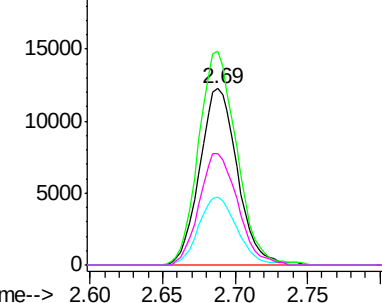


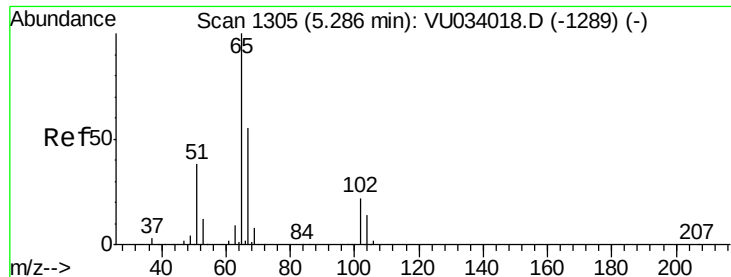
Abundance Ion 83.90 (83.60 to 84.60): VU0

Ion 48.90 (48.60 to 49.60): VU0

Ion 50.90 (50.60 to 51.60): VU0

Ion 85.90 (85.60 to 86.60): VU0

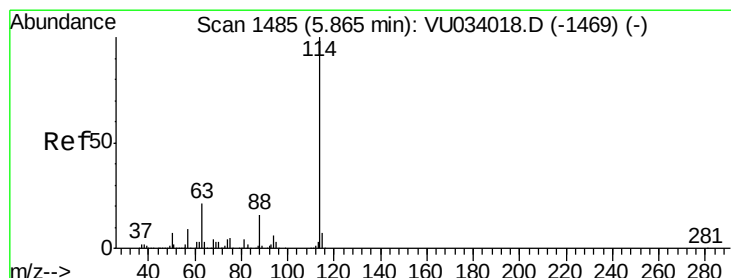
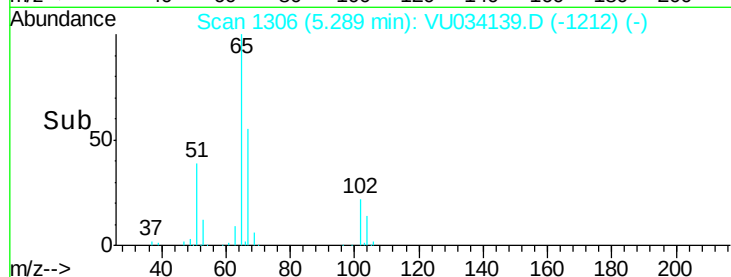
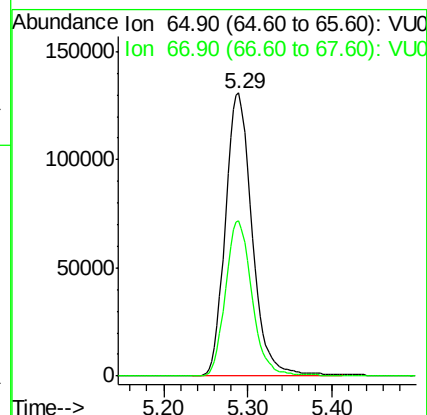
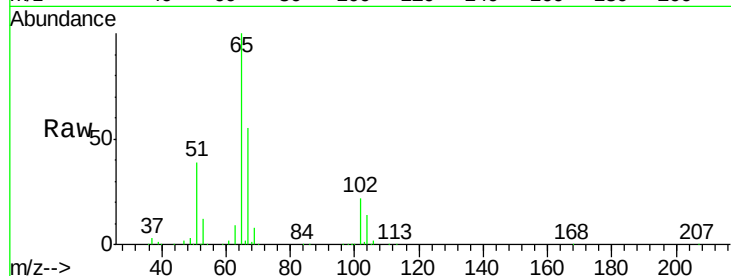




#33
 1,2-Dichloroethane-d4
 Concen: 48.929 ug/l
 RT: 5.29 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: VU034139.D
 Acq: 31 Aug 2019 22:40

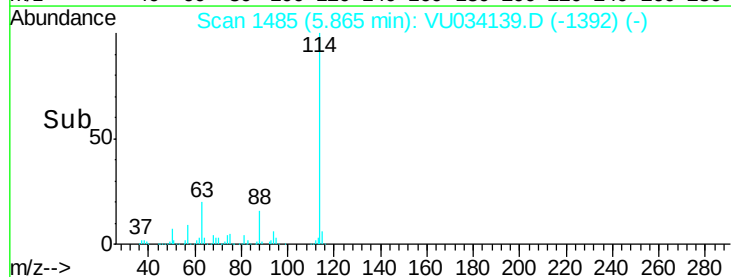
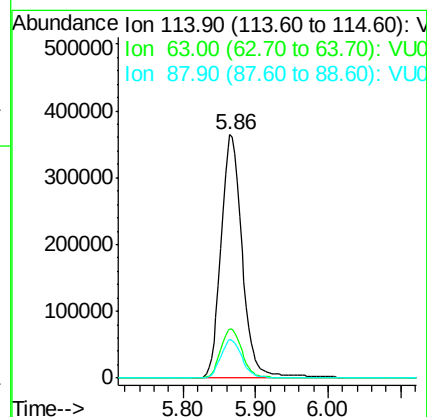
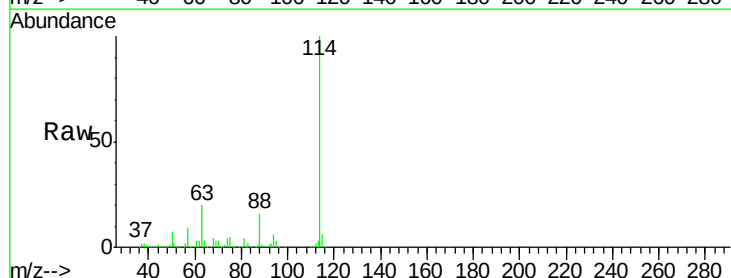
Instrument :
 MSVOA_U
 ClientSampleId :
 OR-02-082919

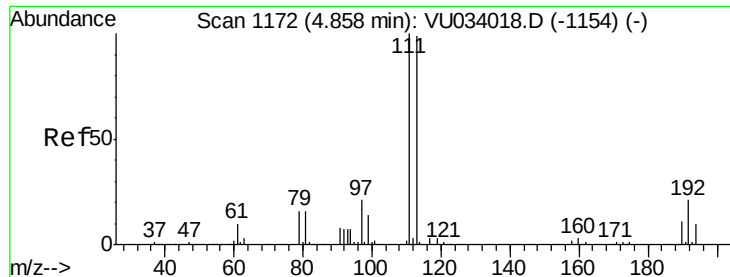
Tot Ion: 65 Resp: 289674
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VU034139.D
 Acq: 31 Aug 2019 22:40

Tgt Ion: 114 Resp: 742232
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 42.0
 88 15.9 0.0 32.0

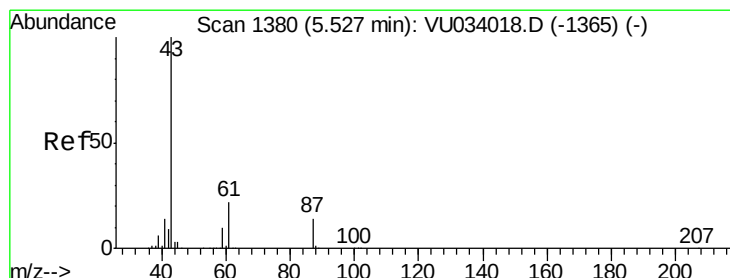
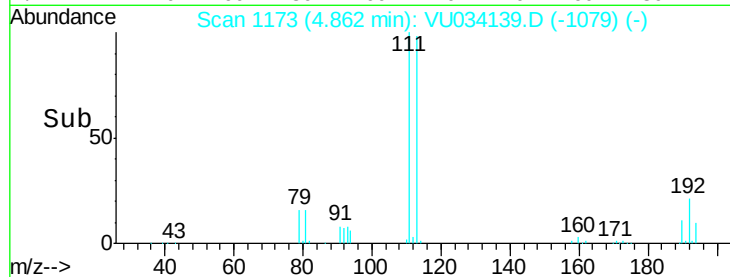
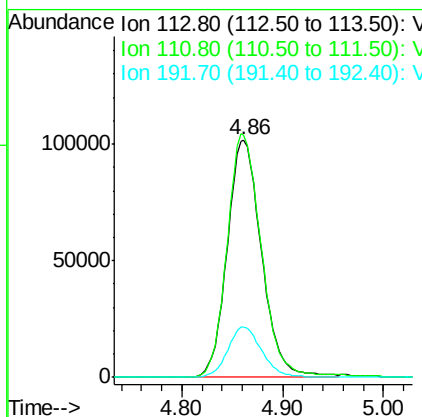
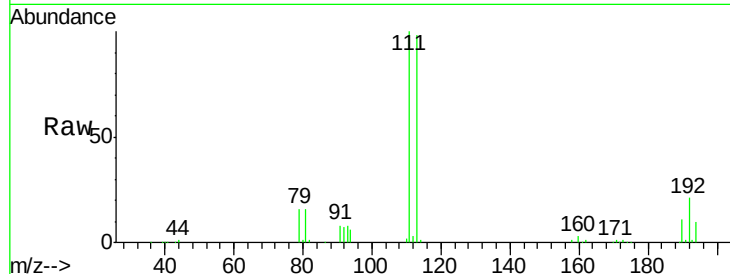




#35
 Dibromofluoromethane
 Concen: 46.808 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034139.D
 Acq: 31 Aug 2019 22:40

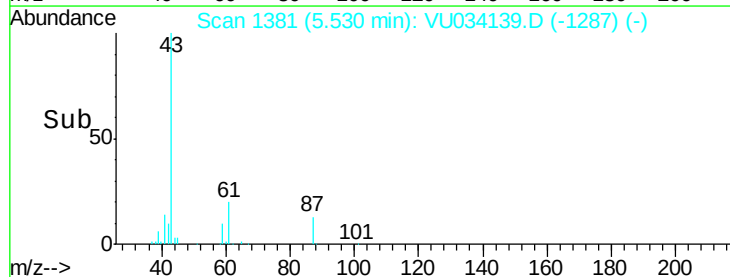
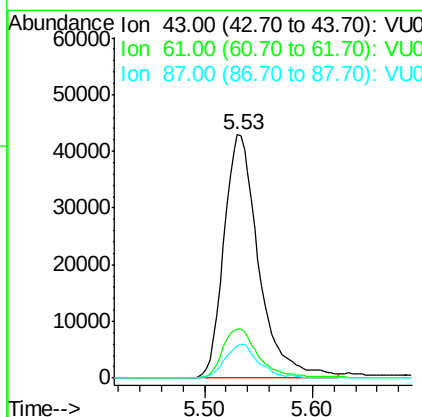
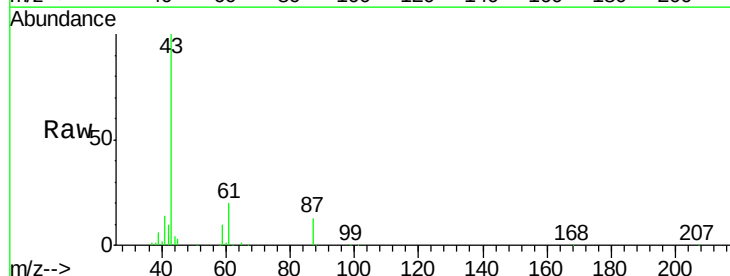
Instrument :
 MSVOA_U
 ClientSampleId :
 OR-02-082919

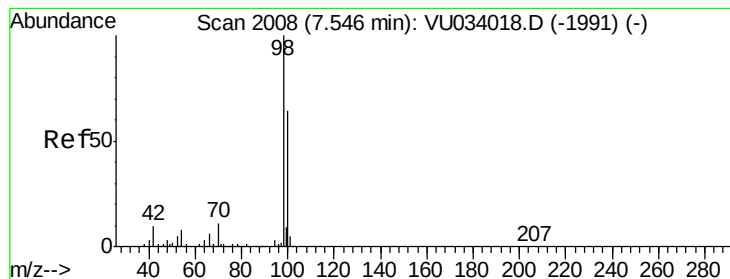
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.7	122.5
192	21.0	17.1	25.7



#43
 Isopropyl Acetate
 Concen: 8.085 ug/l
 RT: 5.53 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VU034139.D
 Acq: 31 Aug 2019 22:40

Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.1	17.2	25.8
87	13.4	10.8	16.2





#50

Toluene-d8

Concen: 49.317 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034139.D

Acq: 31 Aug 2019 22:40

Instrument :

MSVOA_U

ClientSampleId :

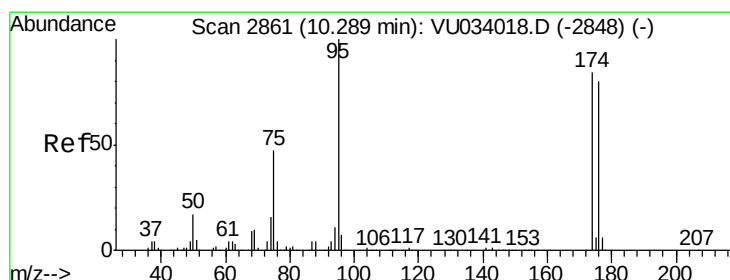
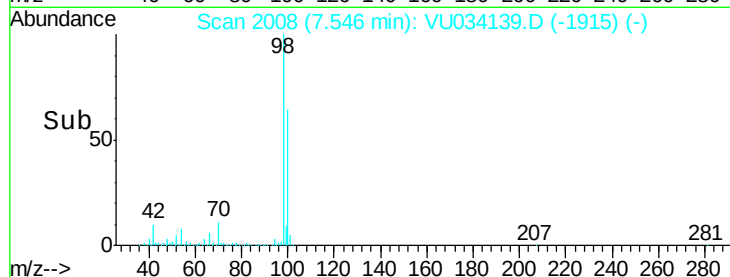
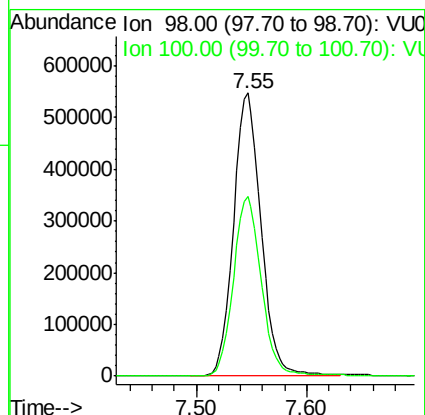
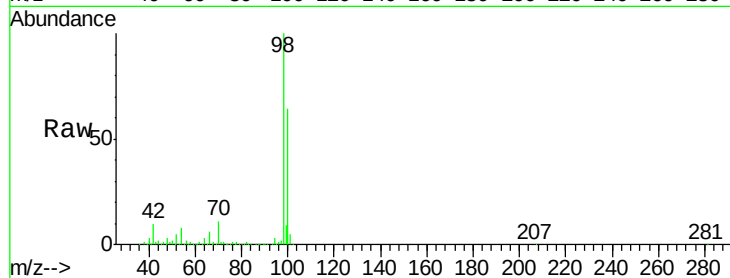
OR-02-082919

Tot Ion: 98 Resp: 950652

Ion Ratio Lower Upper

98 100

100 64.5 50.3 75.5



#62

4-Bromofluorobenzene

Concen: 44.482 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034139.D

Acq: 31 Aug 2019 22:40

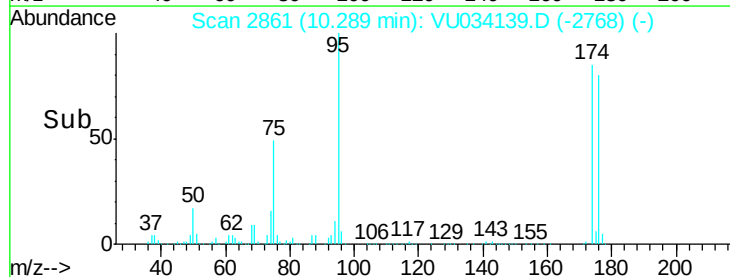
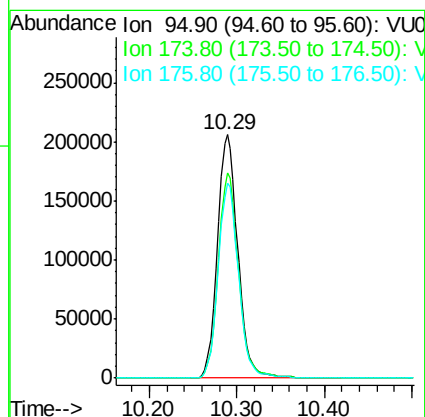
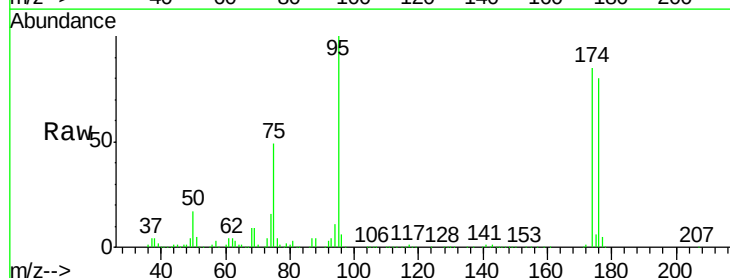
Tgt Ion: 95 Resp: 333538

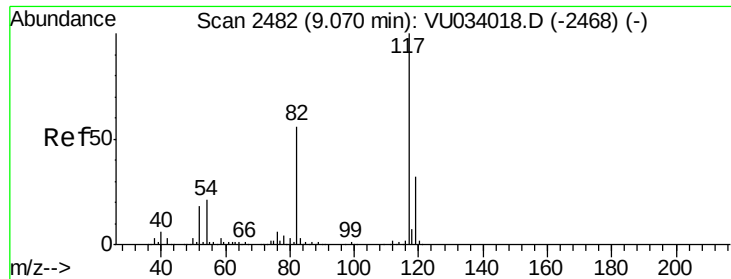
Ion Ratio Lower Upper

95 100

174 83.9 0.0 168.8

176 80.1 0.0 161.8

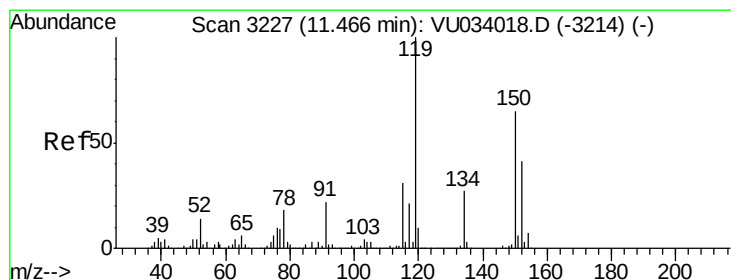
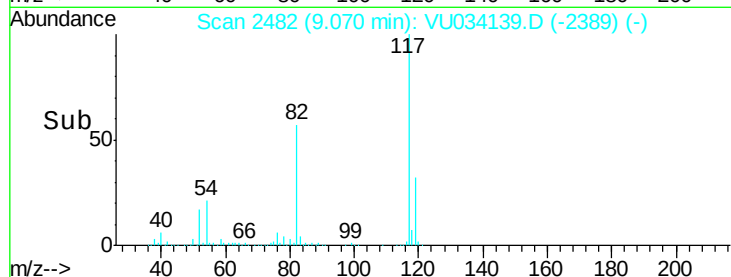
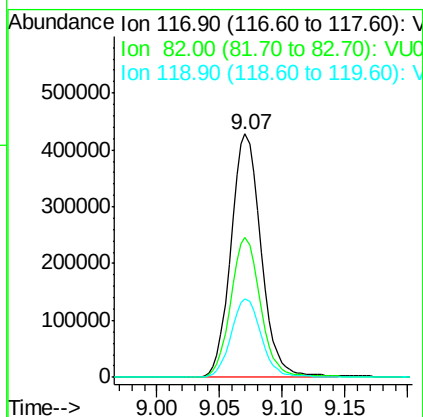
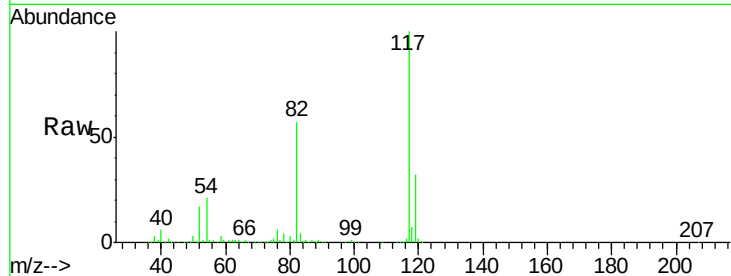




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034139.D
Acq: 31 Aug 2019 22:40

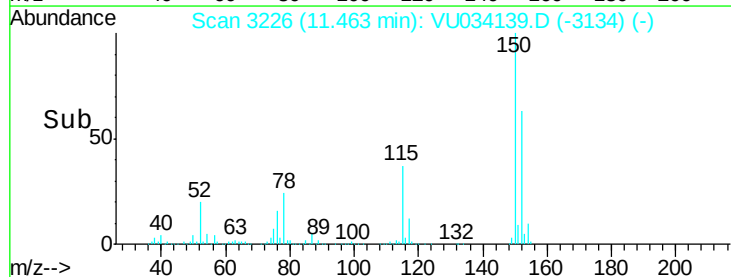
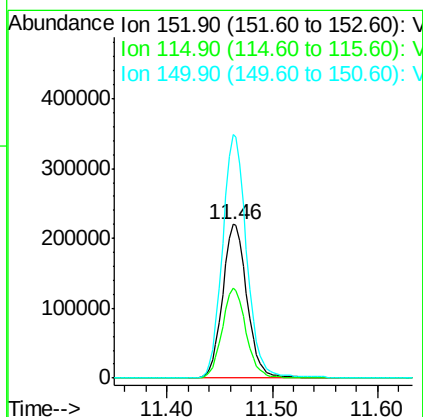
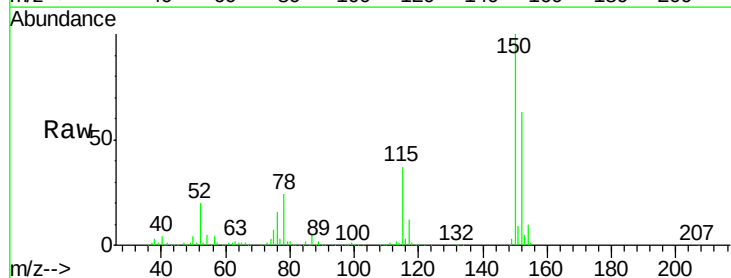
Instrument :
MSVOA_U
ClientSampleId :
OR-02-082919

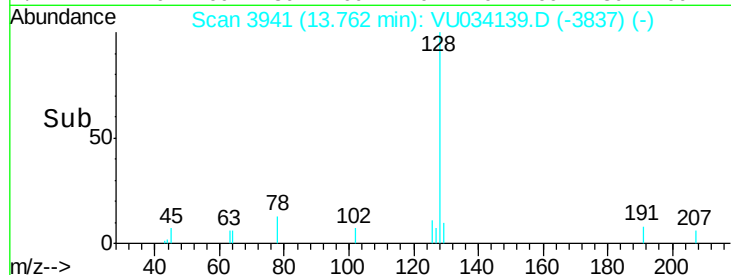
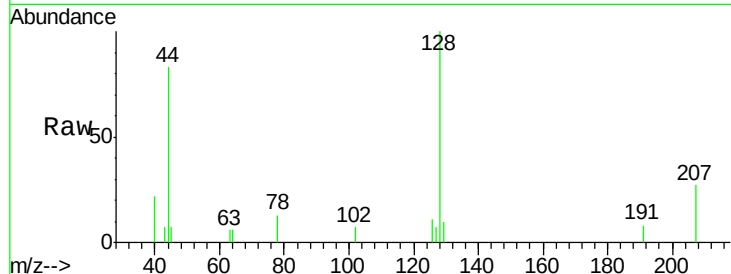
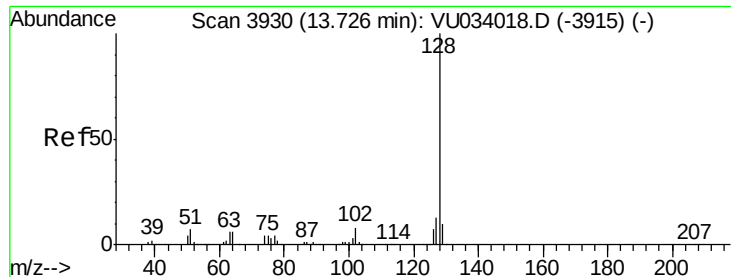
Tot Ion:117 Resp: 716110
Ion Ratio Lower Upper
117 100
82 57.2 45.1 67.7
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VU034139.D
Acq: 31 Aug 2019 22:40

Tgt Ion:152 Resp: 354318
Ion Ratio Lower Upper
152 100
115 57.1 41.1 123.3
150 157.2 0.0 348.8





#95

Naphthalene

Concen: 2.017 ug/l

RT: 13.76 min Scan# 3941

Delta R.T. 0.04 min

Lab File: VU034139.D

Acq: 31 Aug 2019 22:40

Instrument :

MSVOA_U

ClientSampleId :

OR-02-082919

Tot Ion:128 Resp: 5206

Ion Ratio Lower Upper

128 100

127 2.5 10.2 15.4#

129 3.1 8.4 12.6#

