

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091019\
 Data File : VU034451.D
 Acq On : 10 Sep 2019 15:11
 Operator : JC/SP
 Sample : K4602-39
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PAR-D2-(3.11)

Quant Time: Sep 11 06:49:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 05:10:13 2019
 Response via : Initial Calibration

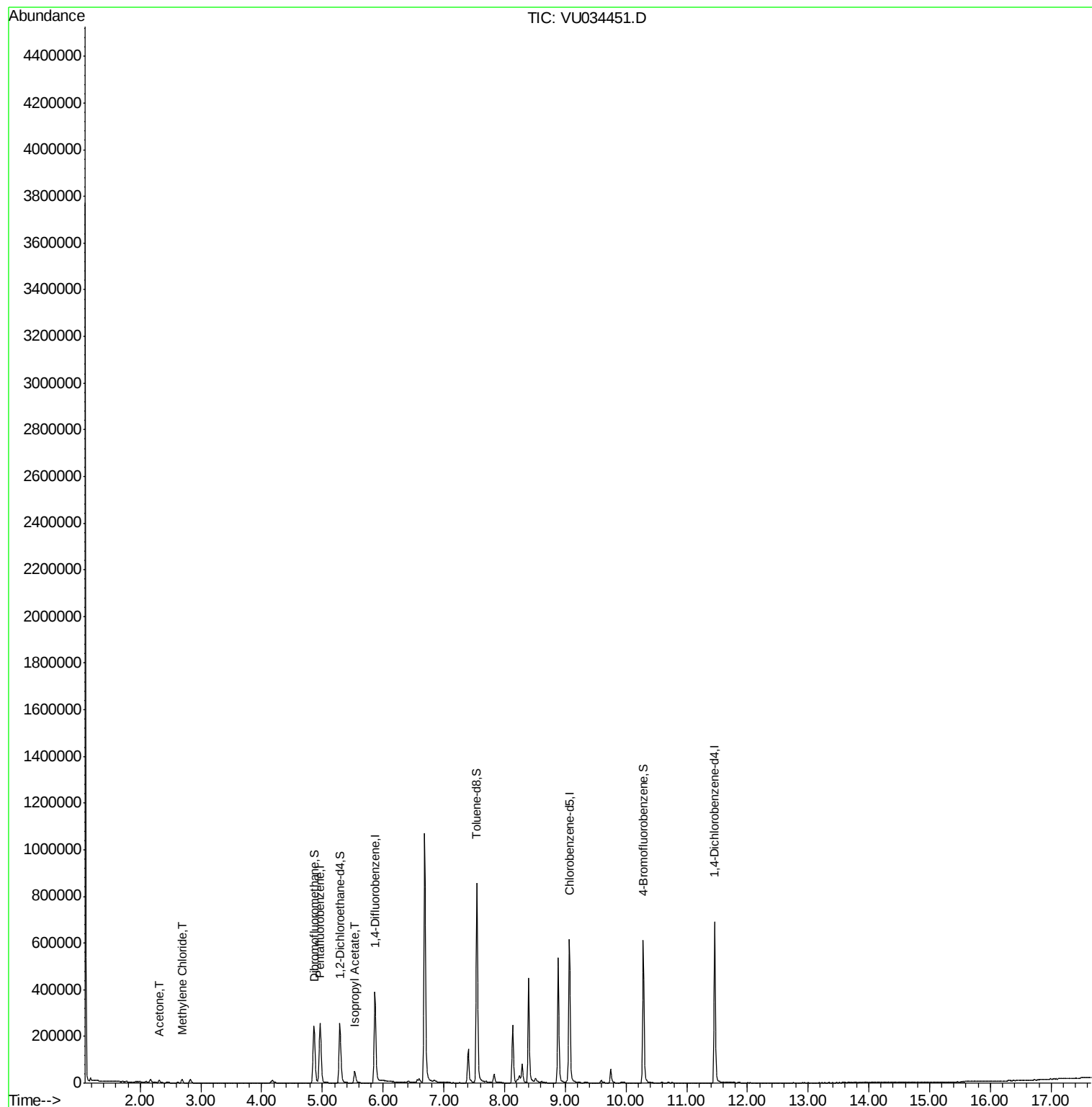
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	209690	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	348915	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	371372	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	199433	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	204576	64.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.96%	
35) Dibromofluoromethane	4.86	113	177349	54.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.24%	
50) Toluene-d8	7.55	98	601864	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.68%	
62) 4-Bromofluorobenzene	10.29	95	209942	44.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.16%	
Target Compounds						
16) Acetone	2.31	43	11862	7.225	ug/l	97
20) Methylene Chloride	2.69	84	7047	2.239	ug/l	98
43) Isopropyl Acetate	5.53	43	58036	8.315	ug/l	99

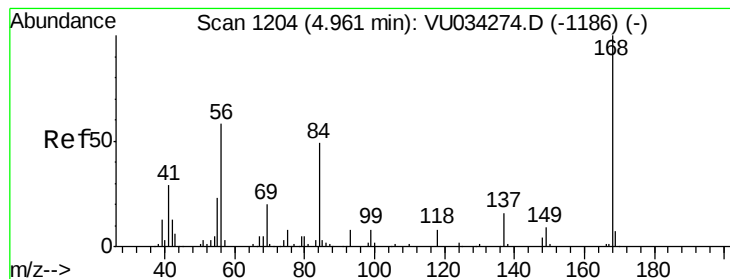
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. 0.00 min

Lab File: VU034451.D

Acq: 10 Sep 2019 15:11

Instrument :

MSVOA_U

ClientSampleId :

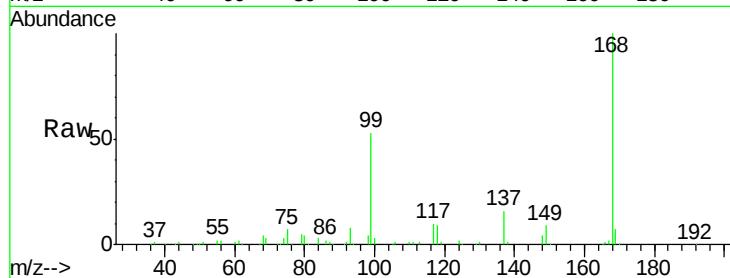
PAR-D2-(3.11)

Tot Ion:168 Resp: 209690

Ion Ratio Lower Upper

168 100

99 52.6 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034451.D (-1111) (-)

Ion 98.90 (98.60 to 99.60): VU034451.D (-1111) (-)

4.96

100000

80000

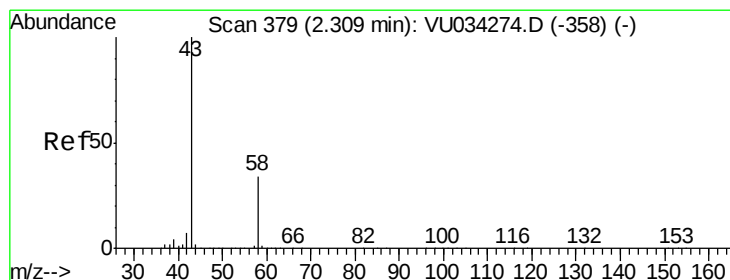
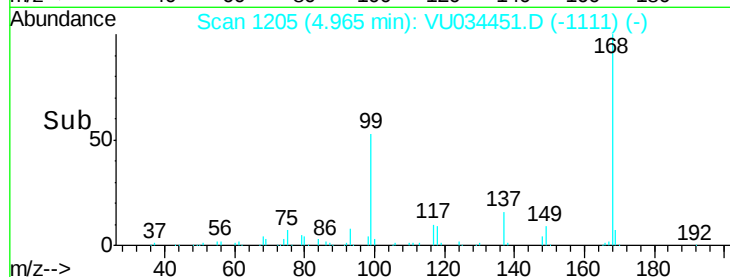
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 7.225 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034451.D

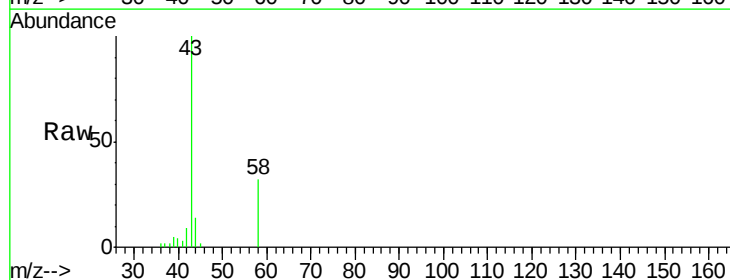
Acq: 10 Sep 2019 15:11

Tgt Ion: 43 Resp: 11862

Ion Ratio Lower Upper

43 100

58 32.7 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034451.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034451.D (-286) (-)

2.31

8000

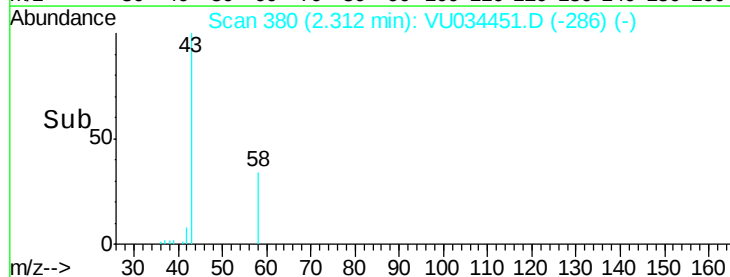
6000

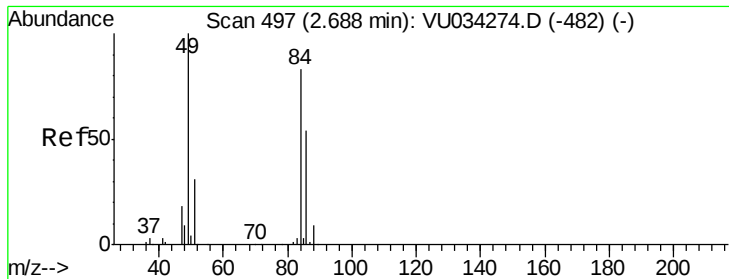
4000

2000

0

Time-->

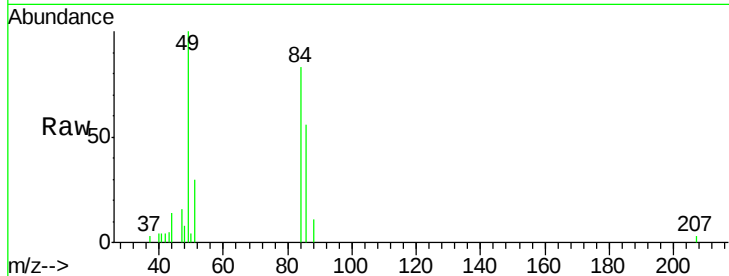




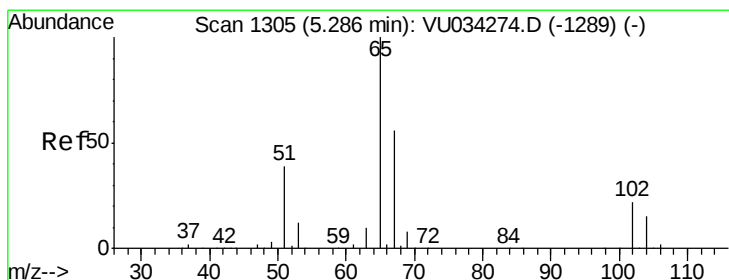
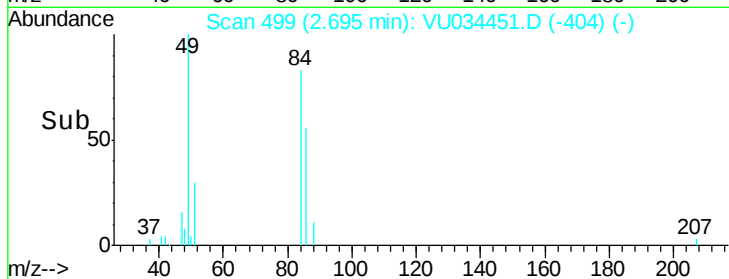
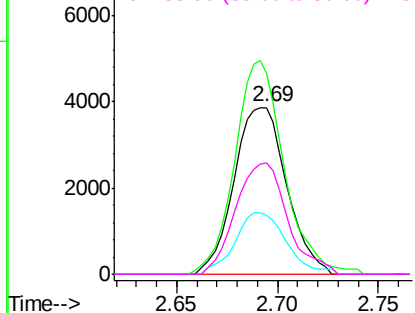
#20
Methvlene Chloride
Concen: 2.239 ug/l
RT: 2.69 min Scan# 499
Delta R.T. 0.01 min
Lab File: VU034451.D
Acq: 10 Sep 2019 15:11

Instrument :
MSVOA_U
ClientSampleId :
PAR-D2-(3.11)

Tot Ion:	84	Resp:	7047
Ion	Ratio	Lower	Upper
84	100		
49	120.5	96.0	144.0
51	35.6	30.0	45.0
86	67.1	51.4	77.0

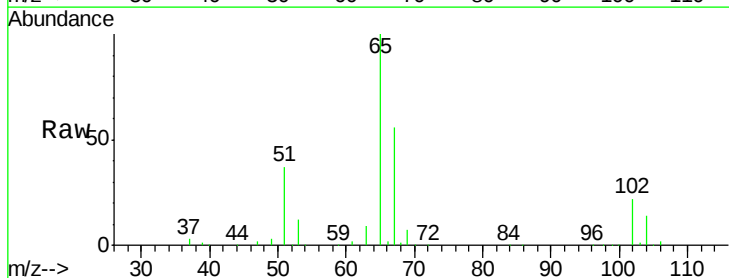


Abundance Ion 83.90 (83.60 to 84.60): VU0
Ion 48.90 (48.60 to 49.60): VU0
Ion 50.90 (50.60 to 51.60): VU0
Ion 85.90 (85.60 to 86.60): VU0

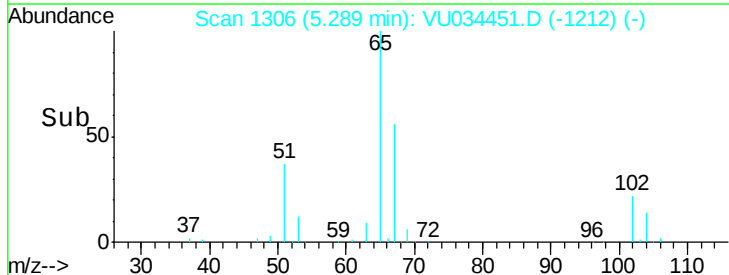
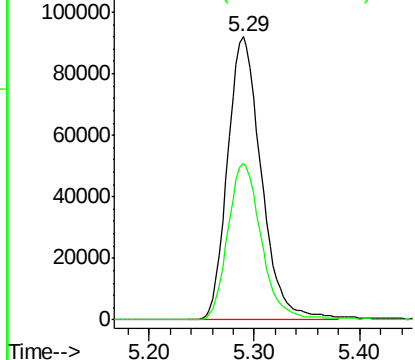


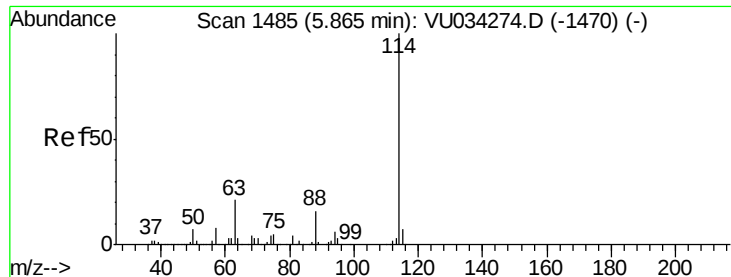
#33
1,2-Dichloroethane-d4
Concen: 64.481 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034451.D
Acq: 10 Sep 2019 15:11

Tgt Ion:	65	Resp:	204576
Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	112.4



Abundance Ion 64.90 (64.60 to 65.60): VU0
Ion 66.90 (66.60 to 67.60): VU0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034451.D

Acq: 10 Sep 2019 15:11

Instrument :

MSVOA_U

ClientSampleId :

PAR-D2-(3.11)

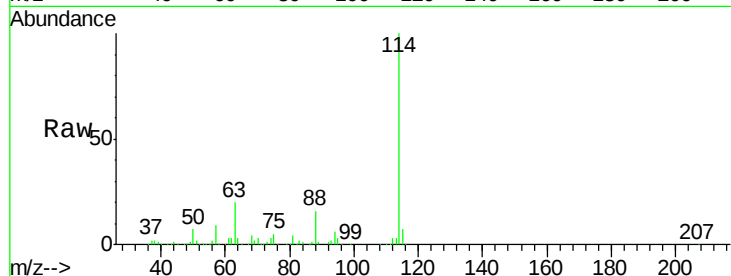
Tot Ion:114 Resp: 348915

Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

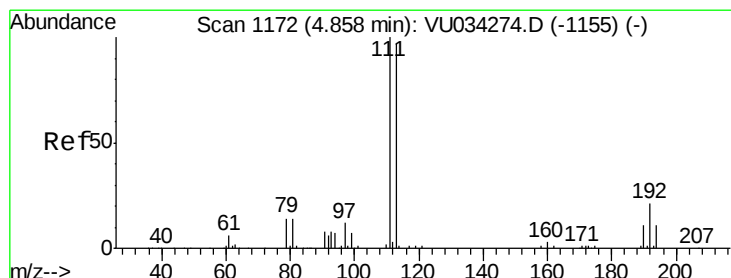
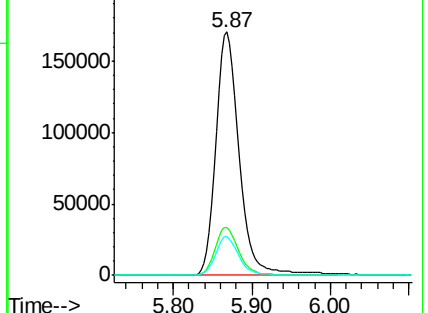
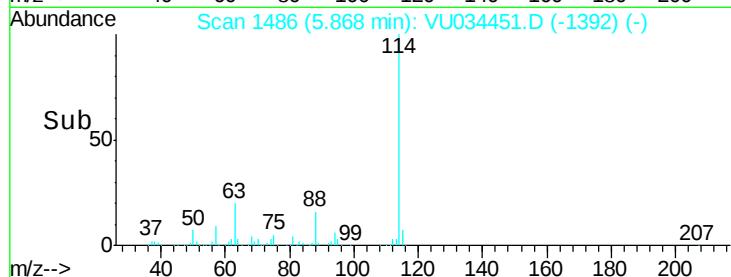
88 15.9 0.0 32.4



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: 54.625 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034451.D

Acq: 10 Sep 2019 15:11

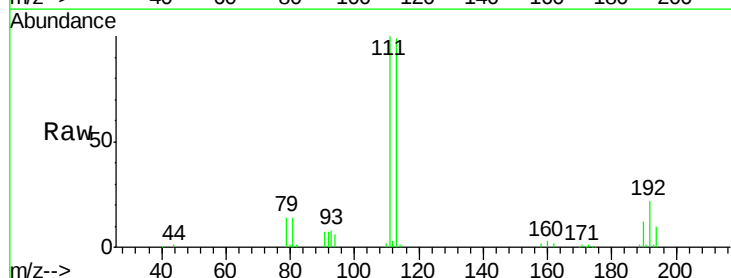
Tgt Ion:113 Resp: 177349

Ion Ratio Lower Upper

113 100

111 102.6 81.5 122.3

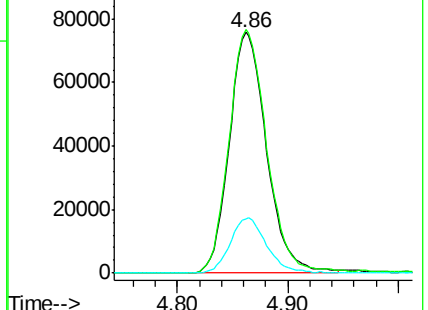
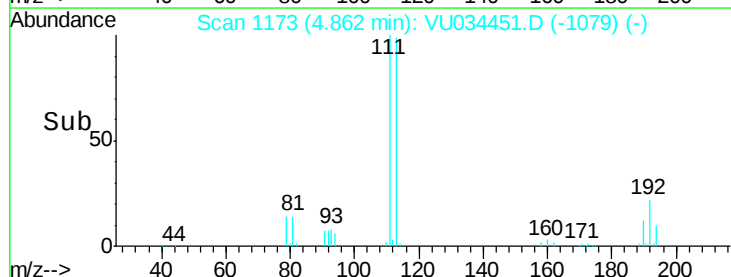
192 22.3 17.8 26.8

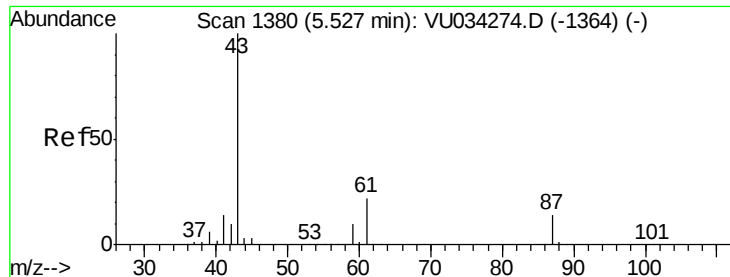


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 8.315 ug/l

RT: 5.53 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VU034451.D

Acq: 10 Sep 2019 15:11

Instrument :

MSVOA_U

ClientSampleId :

PAR-D2-(3.11)

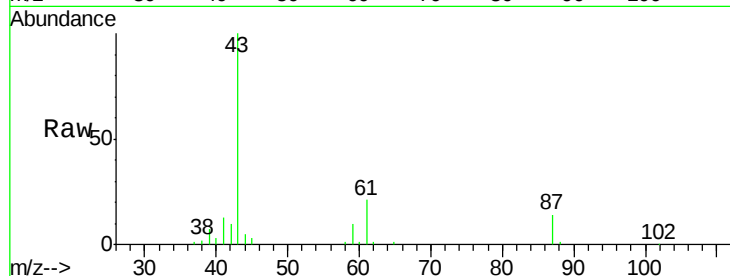
Tot Ion: 43 Resp: 58036

Ion Ratio Lower Upper

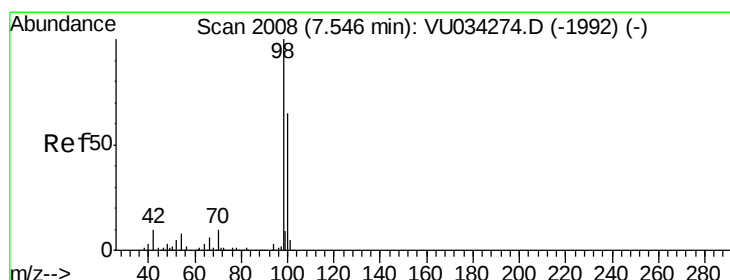
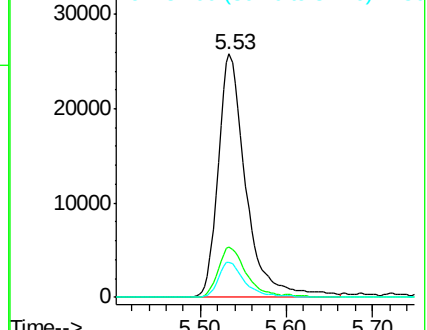
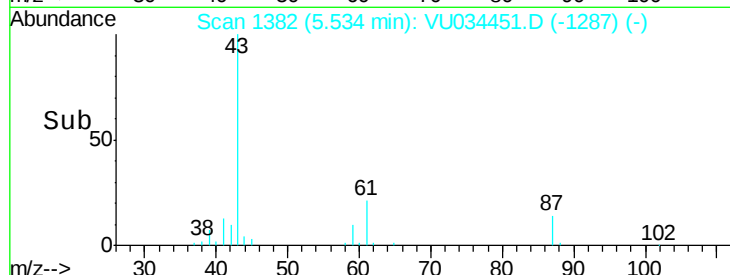
43 100

61 20.5 17.1 25.7

87 13.7 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VU034451.D (-1287) (-)



#50

Toluene-d8

Concen: 49.342 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034451.D

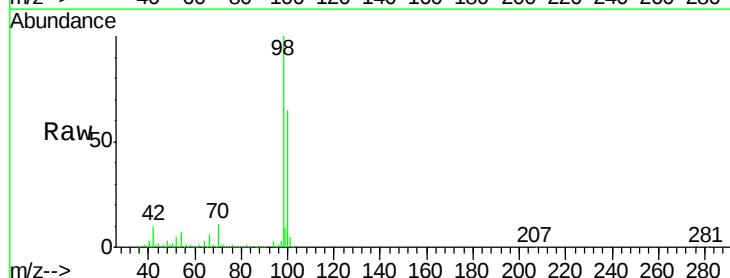
Acq: 10 Sep 2019 15:11

Tgt Ion: 98 Resp: 601864

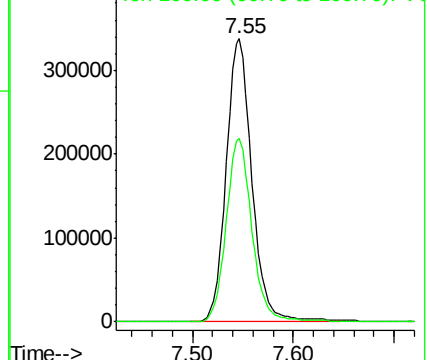
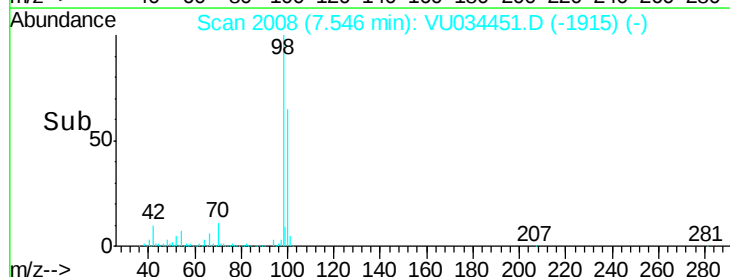
Ion Ratio Lower Upper

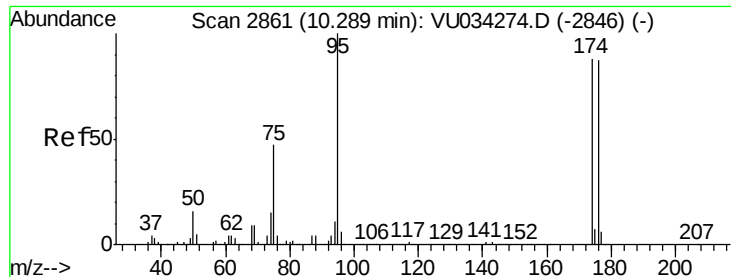
98 100

100 64.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VU034451.D (-1915) (-)

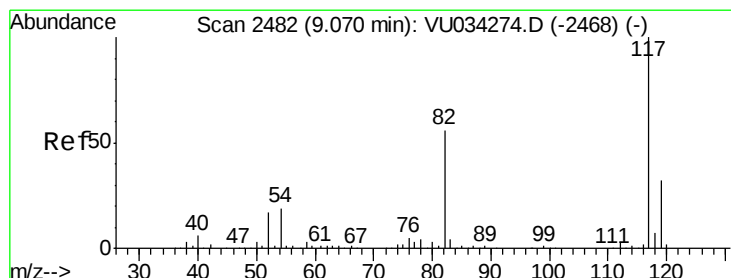
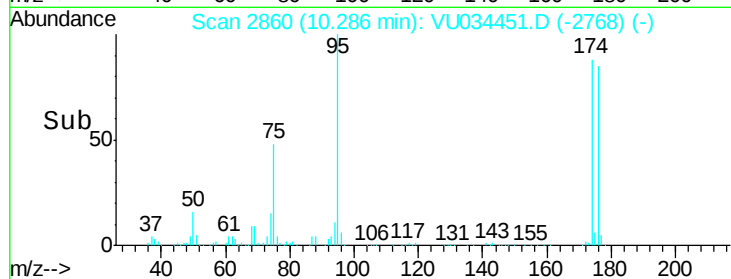
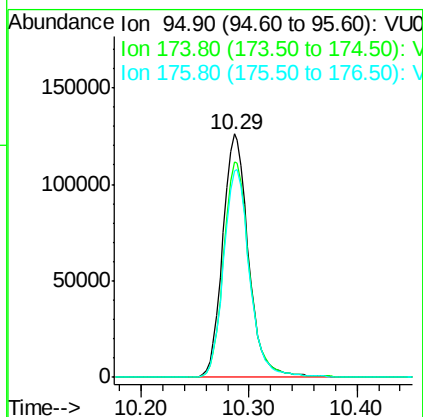
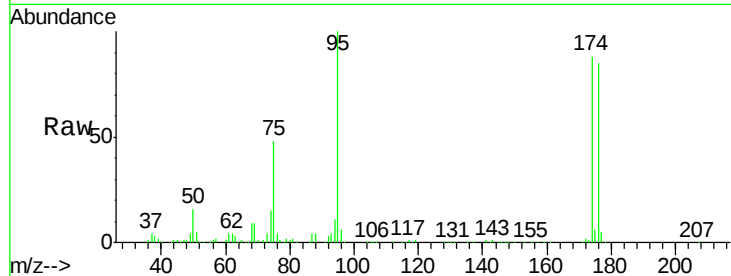




#62
4-Bromofluorobenzene
Concen: 44.579 ug/l
RT: 10.29 min Scan# 2860
Delta R.T. -0.00 min
Lab File: VU034451.D
Acq: 10 Sep 2019 15:11

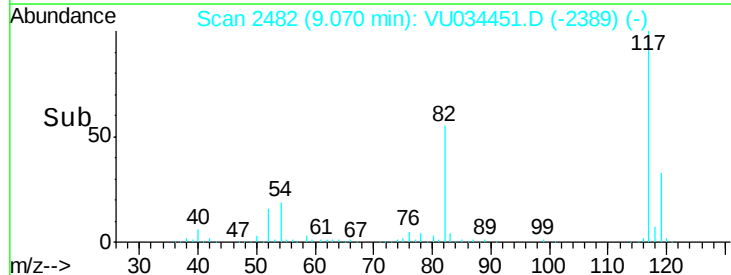
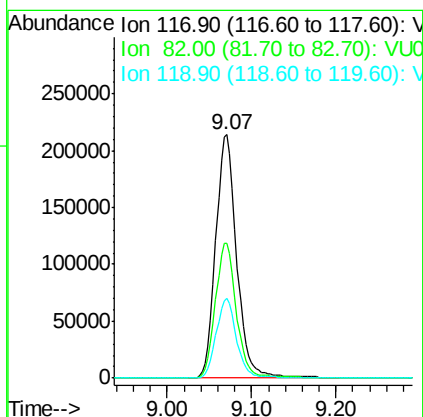
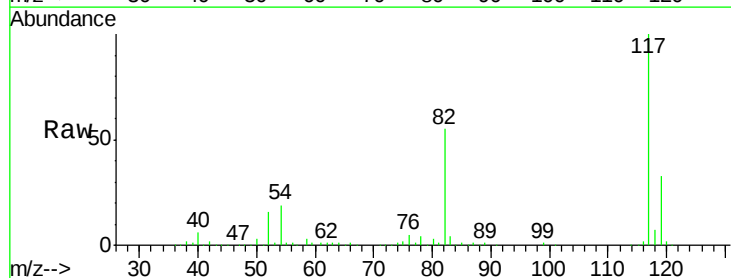
Instrument :
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PAR-D2-(3.11)

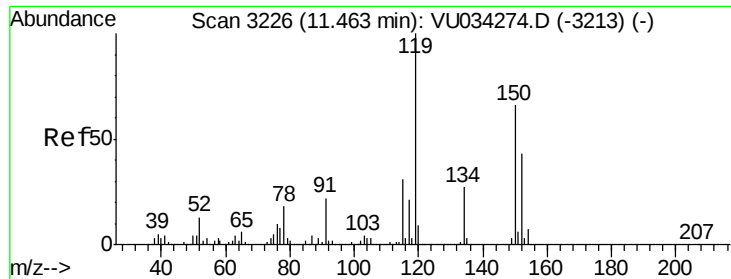
Tot Ion: 95 Resp: 209942
Ion Ratio Lower Upper
95 100
174 89.3 0.0 175.2
176 86.0 0.0 168.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034451.D
Acq: 10 Sep 2019 15:11

Tgt Ion: 117 Resp: 371372
Ion Ratio Lower Upper
117 100
82 55.4 44.6 67.0
119 32.8 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.46 min Scan# 3226
 Delta R.T. 0.00 min
 Lab File: VU034451.D
 Acq: 10 Sep 2019 15:11

Instrument :
 MSVOA_U
 ClientSampleId :
 PAR-D2-(3.11)

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.3	39.1	117.3
150	157.9	0.0	345.4

