

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091019\
 Data File : VU034447.D
 Acq On : 10 Sep 2019 13:38
 Operator : JC/SP
 Sample : K4602-32
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PAR-C4-(3.11)

Quant Time: Sep 11 06:42:53 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

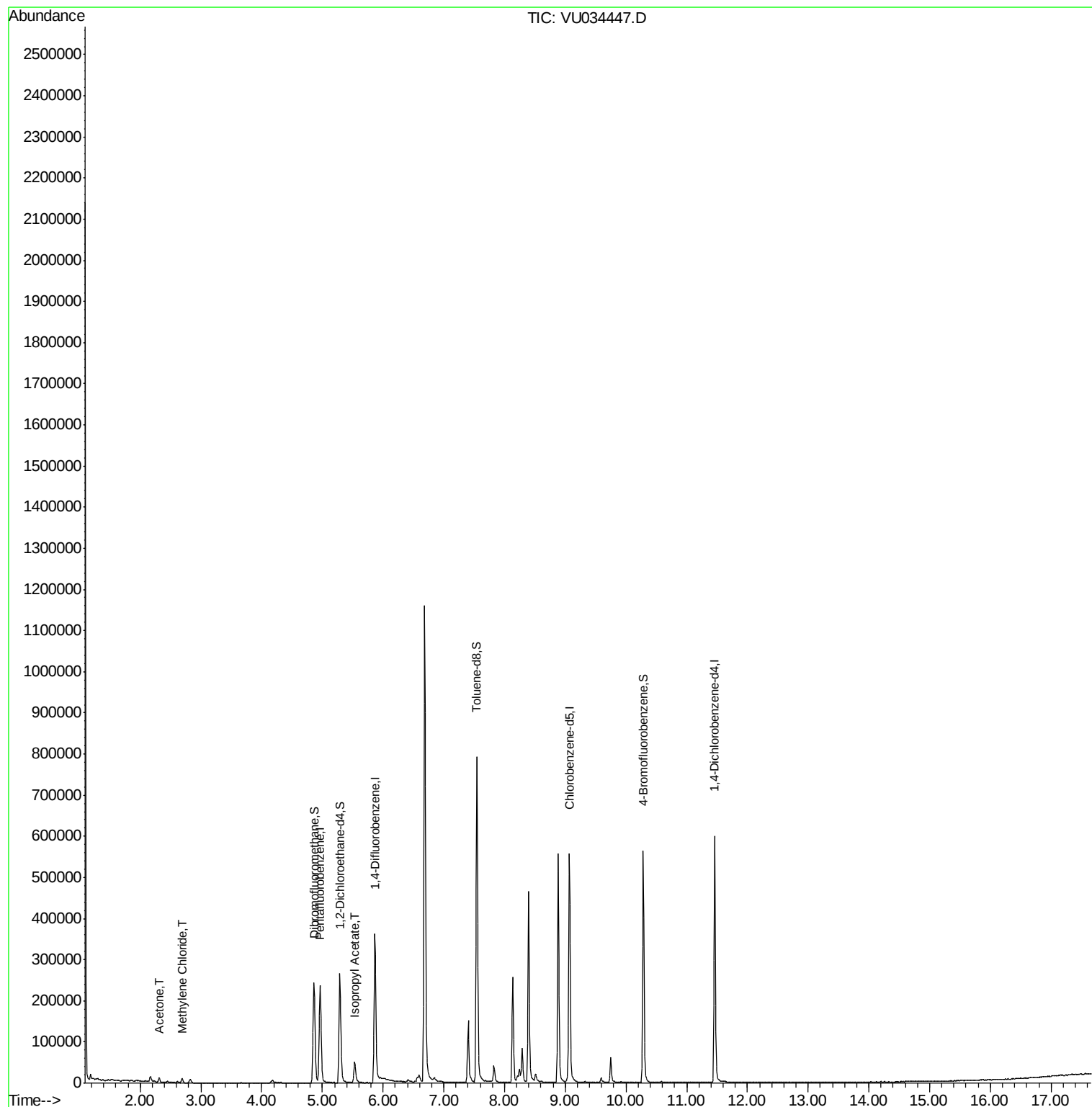
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	196613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	320776	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	332901	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	170952	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	210445	70.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	141.48%	
35) Dibromofluoromethane	4.86	113	174897	58.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.20%	
50) Toluene-d8	7.55	98	560841	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.02%	
62) 4-Bromofluorobenzene	10.29	95	192086	44.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.72%	
Target Compounds						
16) Acetone	2.32	43	11919	7.742	ug/l	95
20) Methylene Chloride	2.69	84	5030	1.608	ug/l	98
43) Isopropyl Acetate	5.53	43	58549	9.125	ug/l	99

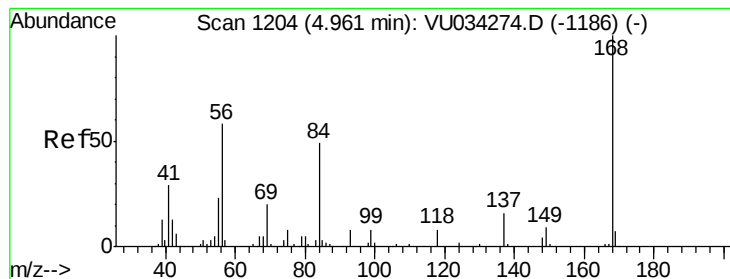
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Sep 06 05:10:13 2019
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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: VU034447.D

Acq: 10 Sep 2019 13:38

Instrument :

MSVOA_U

ClientSampleId :

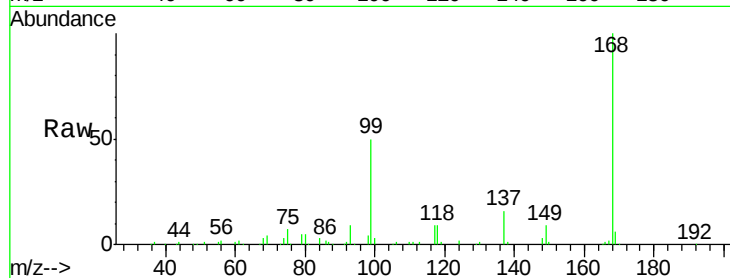
PAR-C4-(3.11)

Tot Ion:168 Resp: 196613

Ion Ratio Lower Upper

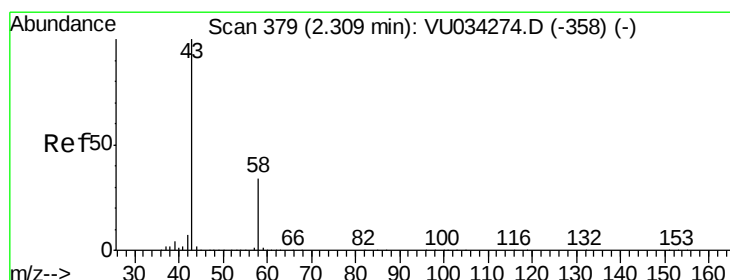
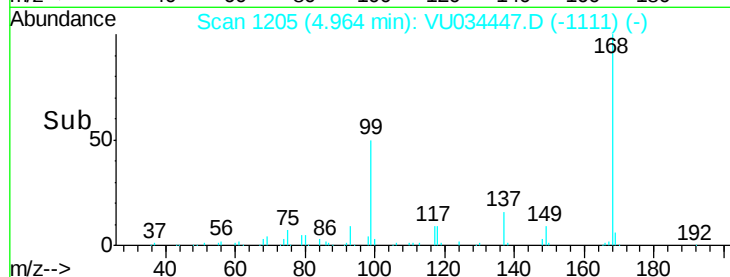
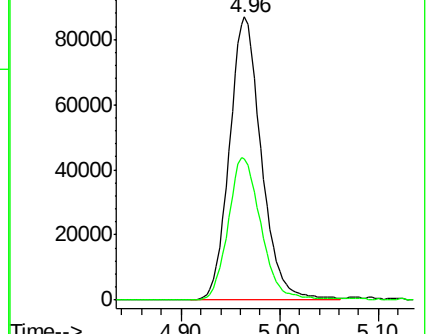
168 100

99 50.1 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034447.D (-1111) (-)

Ion 98.90 (98.60 to 99.60): VU034447.D (-1111) (-)



#16

Acetone

Concen: 7.742 ug/l

RT: 2.32 min Scan# 381

Delta R.T. 0.01 min

Lab File: VU034447.D

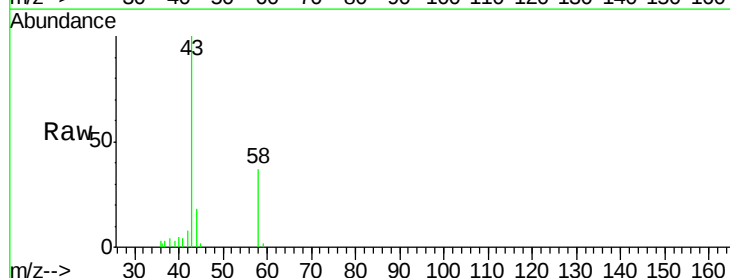
Acq: 10 Sep 2019 13:38

Tgt Ion: 43 Resp: 11919

Ion Ratio Lower Upper

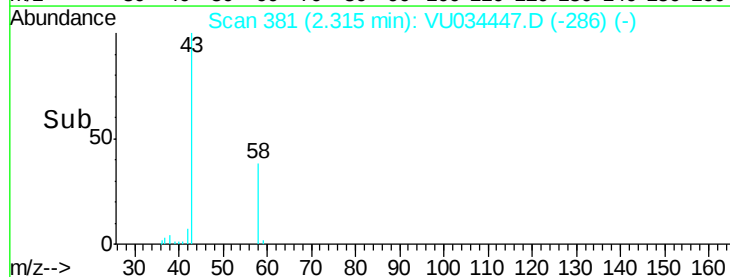
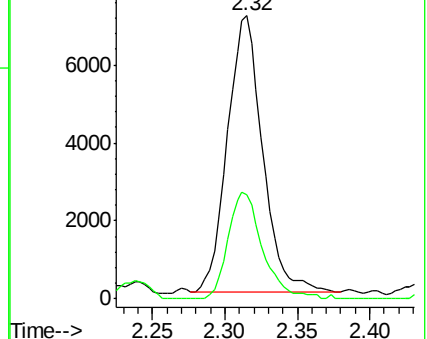
43 100

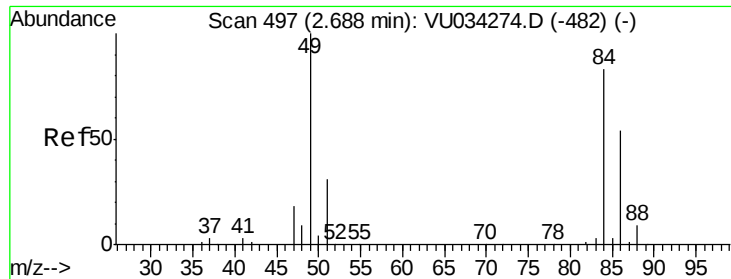
58 37.5 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034447.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034447.D (-286) (-)

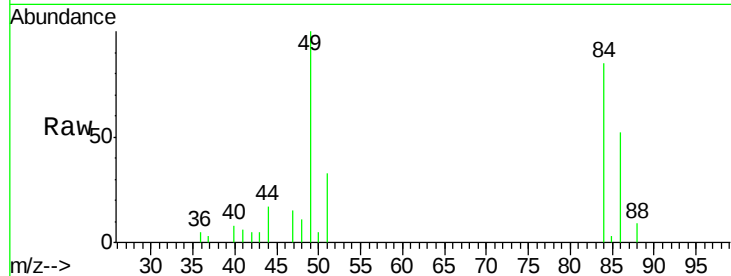




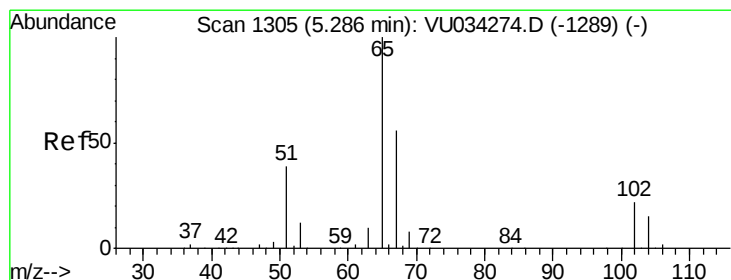
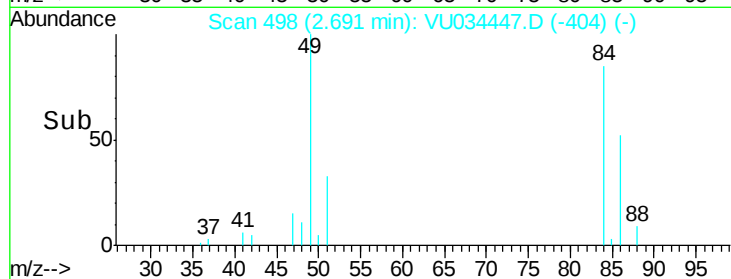
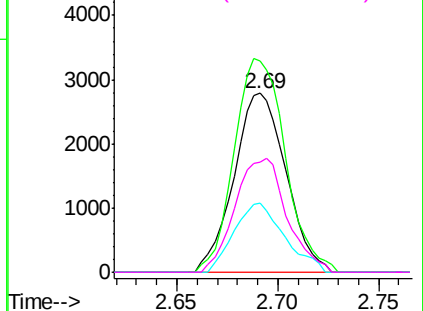
#20
Methvlene Chloride
Concen: 1.608 ug/l
RT: 2.69 min Scan# 498
Delta R.T. 0.00 min
Lab File: VU034447.D
Acq: 10 Sep 2019 13:38

Instrument :
MSVOA_U
ClientSampleId :
PAR-C4-(3.11)

Tot Ion: 84 Resp: 5030
Ion Ratio Lower Upper
84 100
49 117.7 96.0 144.0
51 38.8 30.0 45.0
86 61.7 51.4 77.0

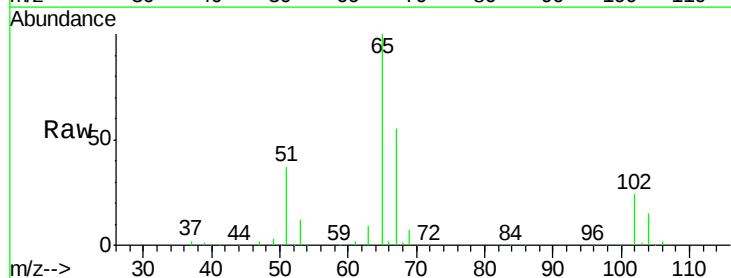


Abundance Ion 83.90 (83.60 to 84.60): VU0
Ion 48.90 (48.60 to 49.60): VU0
Ion 50.90 (50.60 to 51.60): VU0
Ion 85.90 (85.60 to 86.60): VU0

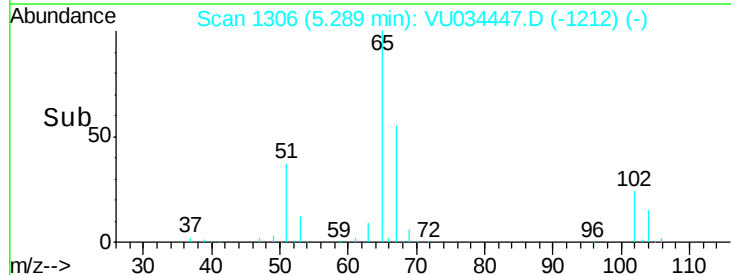
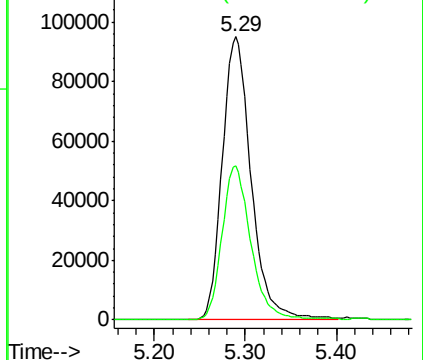


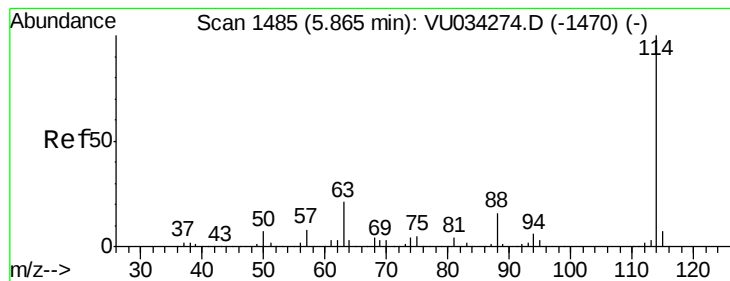
#33
1,2-Dichloroethane-d4
Concen: 70.742 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034447.D
Acq: 10 Sep 2019 13:38

Tgt Ion: 65 Resp: 210445
Ion Ratio Lower Upper
65 100
67 54.4 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: VU034447.D

Acq: 10 Sep 2019 13:38

Instrument :

MSVOA_U

ClientSampleId :

PAR-C4-(3.11)

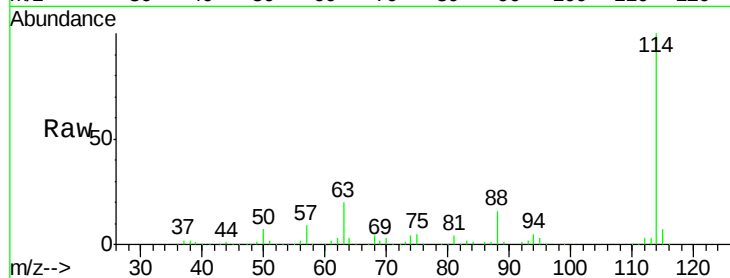
Tot Ion:114 Resp: 320776

Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

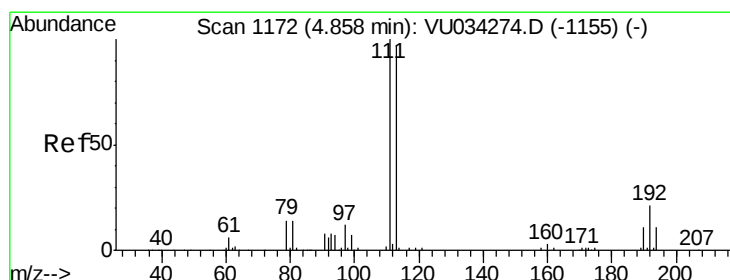
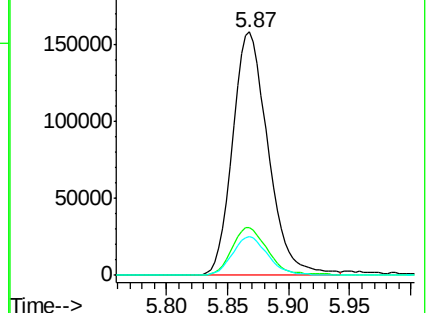
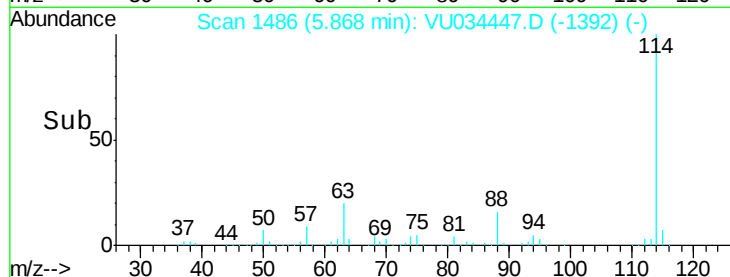
88 16.1 0.0 32.4



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: 58.595 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034447.D

Acq: 10 Sep 2019 13:38

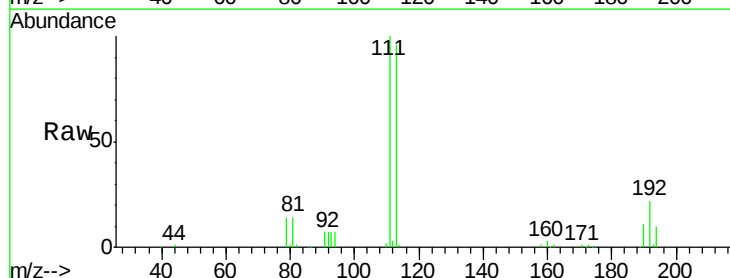
Tgt Ion:113 Resp: 174897

Ion Ratio Lower Upper

113 100

111 103.2 81.5 122.3

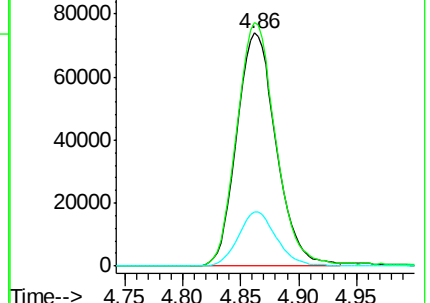
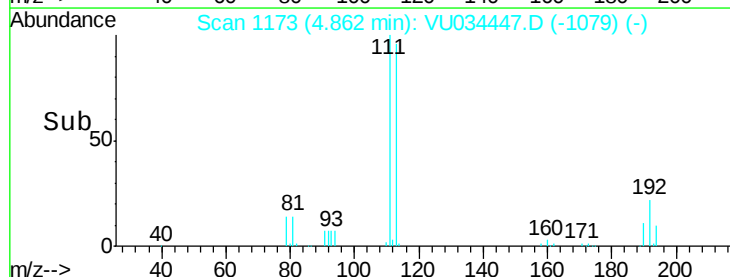
192 22.8 17.8 26.8

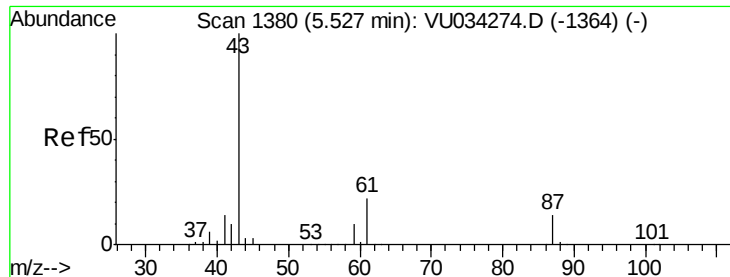


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 9.125 ug/l

RT: 5.53 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VU034447.D

Acq: 10 Sep 2019 13:38

Instrument :

MSVOA_U

ClientSampleId :

PAR-C4-(3.11)

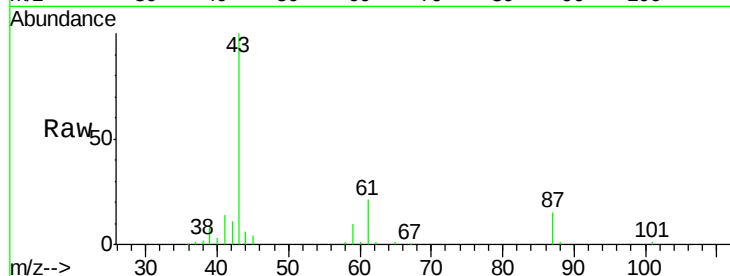
Tot Ion: 43 Resp: 58549

Ion Ratio Lower Upper

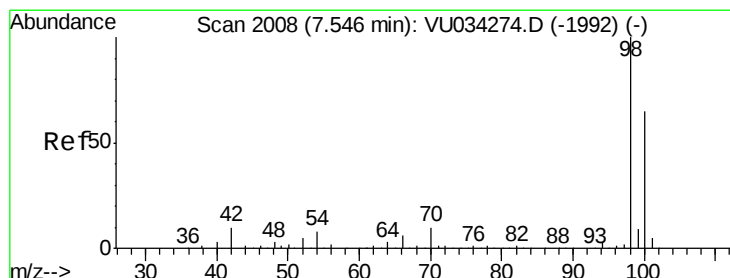
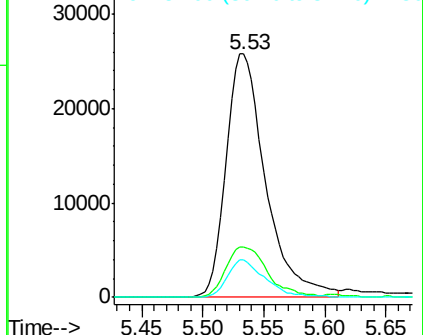
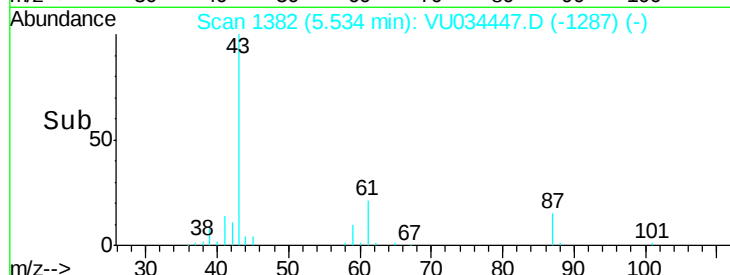
43 100

61 21.7 17.1 25.7

87 14.7 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VU034447.D (-1287) (-)



#50

Toluene-d8

Concen: 50.012 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VU034447.D

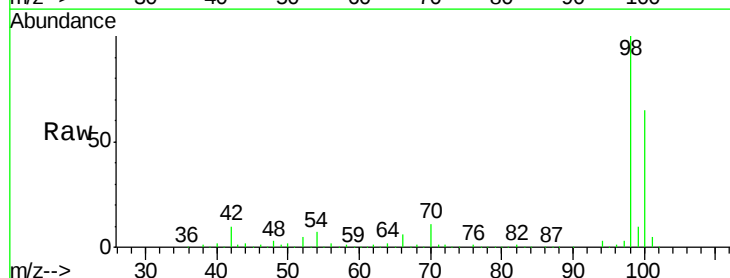
Acq: 10 Sep 2019 13:38

Tgt Ion: 98 Resp: 560841

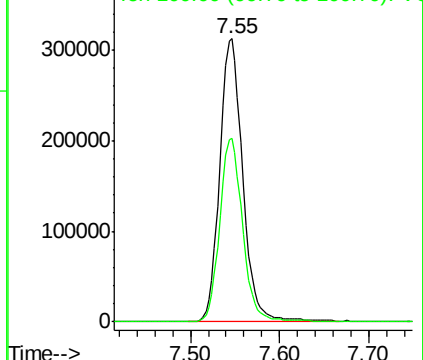
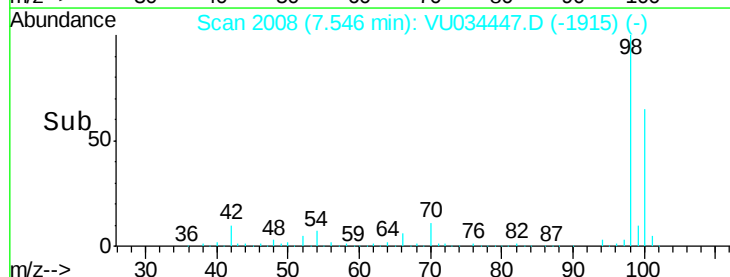
Ion Ratio Lower Upper

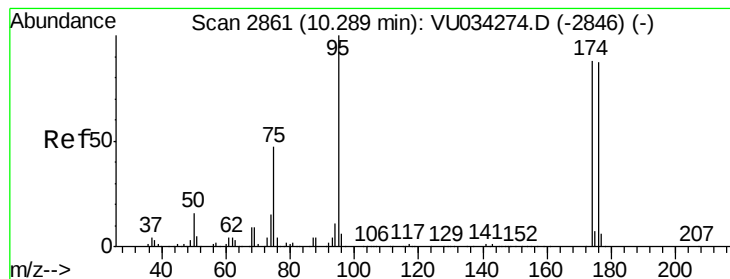
98 100

100 64.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VU034447.D (-1915) (-)





#62

4-Bromofluorobenzene

Concen: 44.365 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034447.D

Acq: 10 Sep 2019 13:38

Instrument :

MSVOA_U

ClientSampleId :

PAR-C4-(3.11)

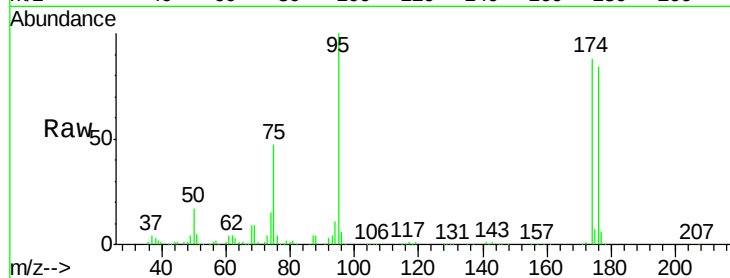
Tot Ion: 95 Resp: 192086

Ion Ratio Lower Upper

95 100

174 89.6 0.0 175.2

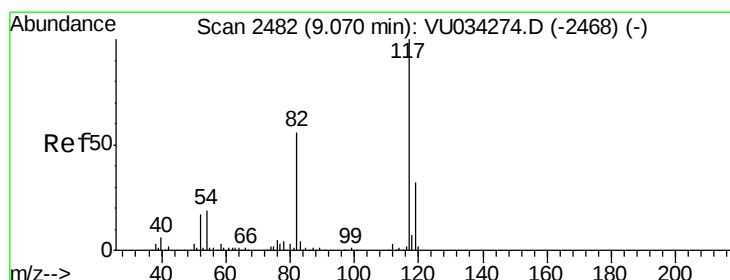
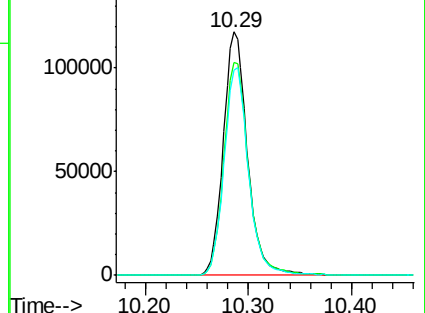
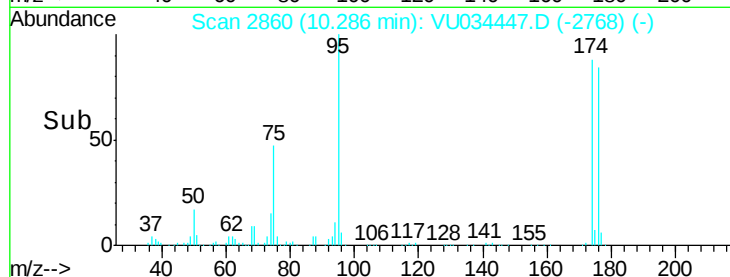
176 86.4 0.0 168.0



Abundance Ion 94.90 (94.60 to 95.60): VU034447.D (-2846) (-)

Ion 173.80 (173.50 to 174.50): VU034447.D (-2846) (-)

Ion 175.80 (175.50 to 176.50): VU034447.D (-2846) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. -0.00 min

Lab File: VU034447.D

Acq: 10 Sep 2019 13:38

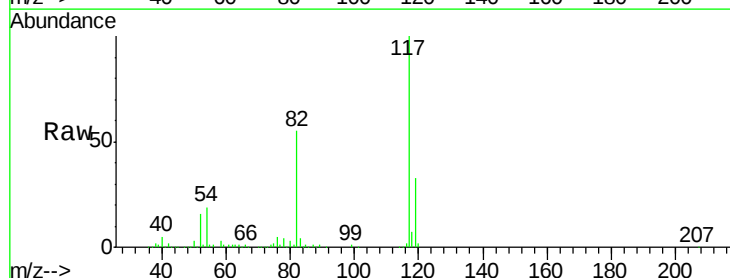
Tgt Ion: 117 Resp: 332901

Ion Ratio Lower Upper

117 100

82 54.9 44.6 67.0

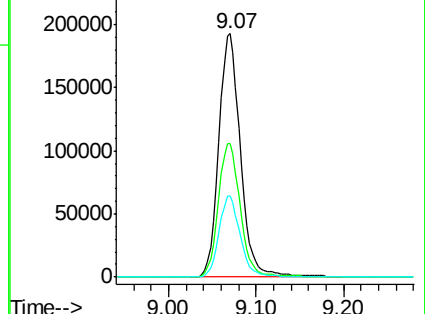
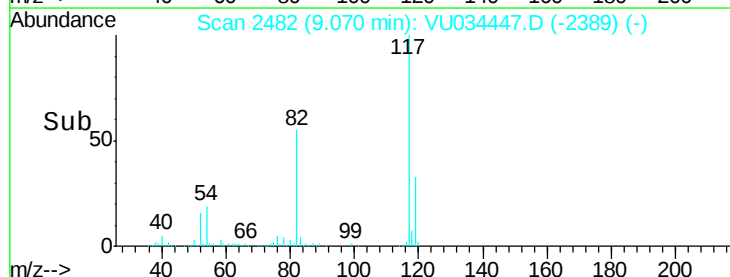
119 33.4 25.9 38.9

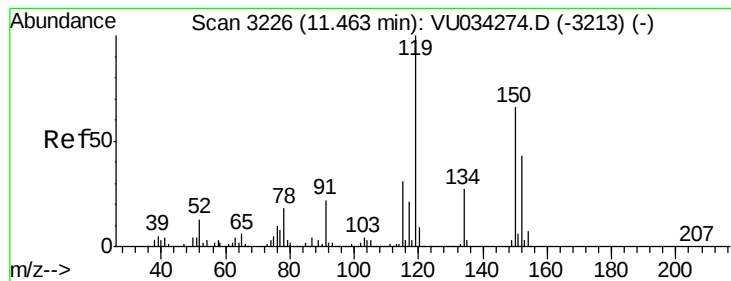


Abundance Ion 116.90 (116.60 to 117.60): VU034447.D (-2468) (-)

Ion 82.00 (81.70 to 82.70): VU034447.D (-2468) (-)

Ion 118.90 (118.60 to 119.60): VU034447.D (-2468) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. -0.00 min

Lab File: VU034447.D

Acq: 10 Sep 2019 13:38

Instrument :

MSVOA_U

ClientSampleId :

PAR-C4-(3.11)

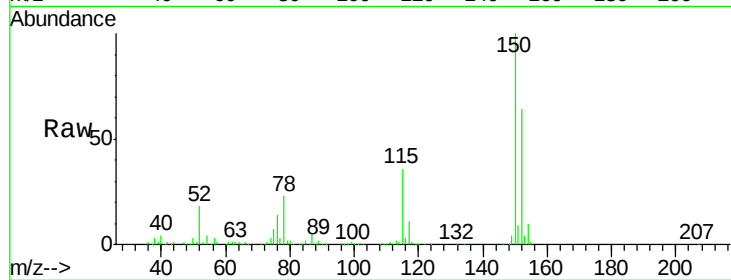
Tot Ion:152 Resp: 170952

Ion Ratio Lower Upper

152 100

115 56.8 39.1 117.3

150 159.3 0.0 345.4



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

