

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091219\
 Data File : VU034491.D
 Acq On : 11 Sep 2019 21:48
 Operator : JC/SP
 Sample : K4643-36
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T11-C2-(4)

Quant Time: Sep 12 05:44:54 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

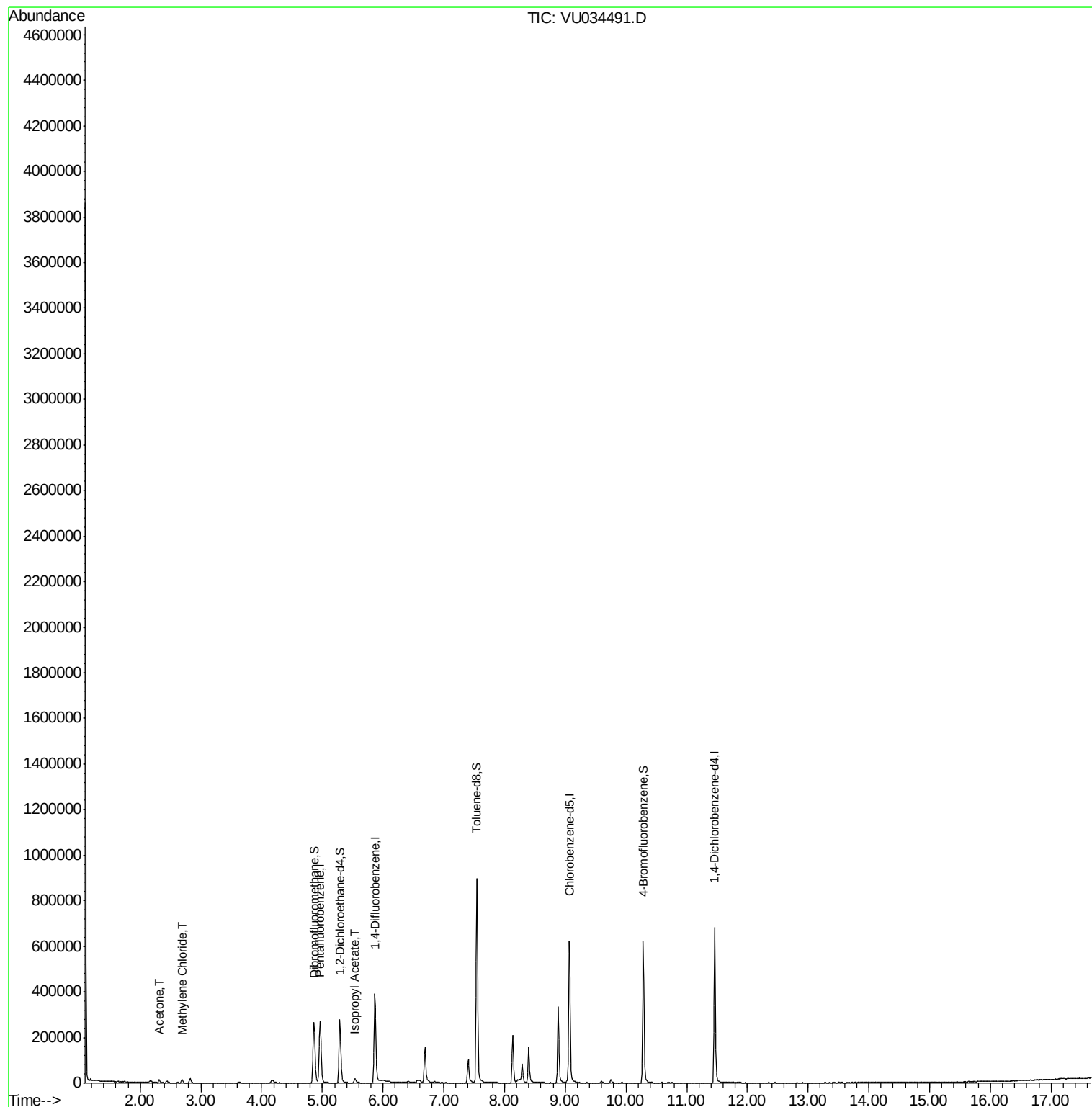
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	223950	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	354483	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	368919	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	197609	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	218525	64.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.98%	
35) Dibromofluoromethane	4.86	113	192080	58.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.46%	
50) Toluene-d8	7.55	98	638772	51.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.10%	
62) 4-Bromofluorobenzene	10.29	95	216677	45.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.58%	
Target Compounds						
16) Acetone	2.31	43	15701	8.954	ug/l	97
20) Methylene Chloride	2.69	84	6900	2.019	ug/l	89
43) Isopropyl Acetate	5.54	43	23534	3.319	ug/l	98

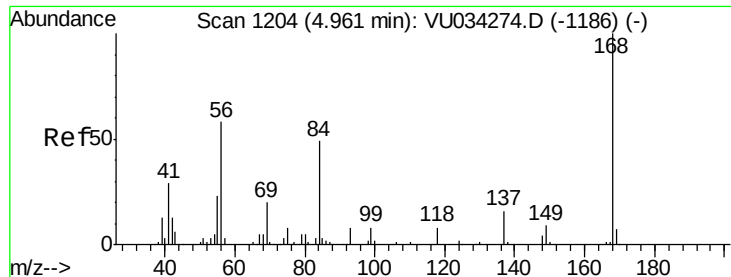
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. 0.00 min

Lab File: VU034491.D

Acq: 11 Sep 2019 21:48

Instrument :

MSVOA_U

ClientSampleId :

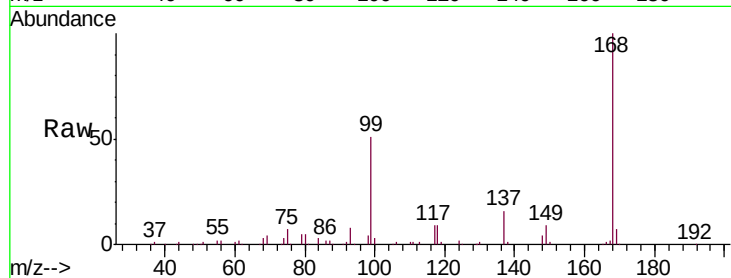
T11-C2-(4)

Tgt Ion:168 Resp: 223950

Ion Ratio Lower Upper

168 100

99 51.0 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034491.D (-1111) (-)

Ion 98.90 (98.60 to 99.60): VU034491.D (-1111) (-)

4.96

100000

80000

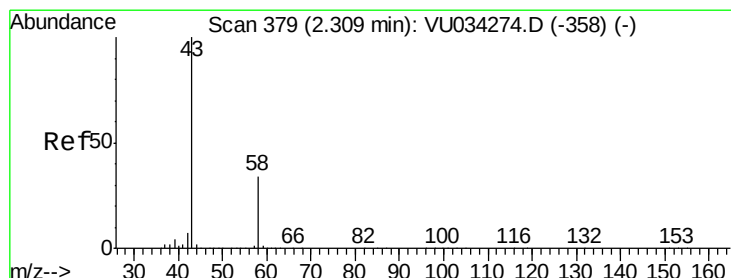
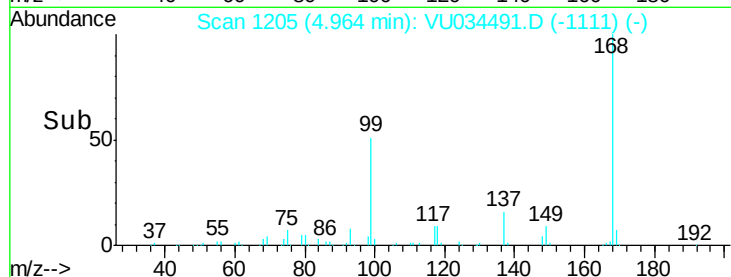
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 8.954 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034491.D

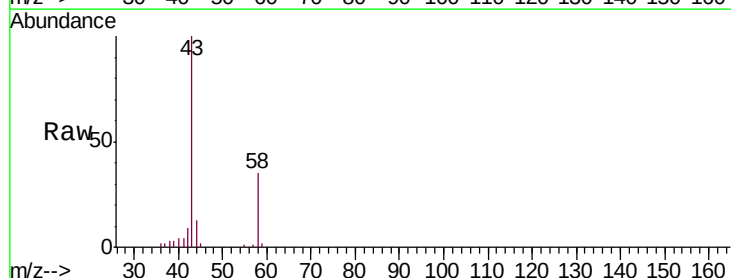
Acq: 11 Sep 2019 21:48

Tgt Ion: 43 Resp: 15701

Ion Ratio Lower Upper

43 100

58 36.1 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034491.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034491.D (-286) (-)

2.31

10000

8000

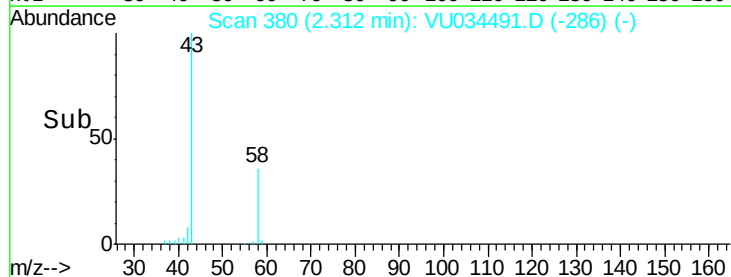
6000

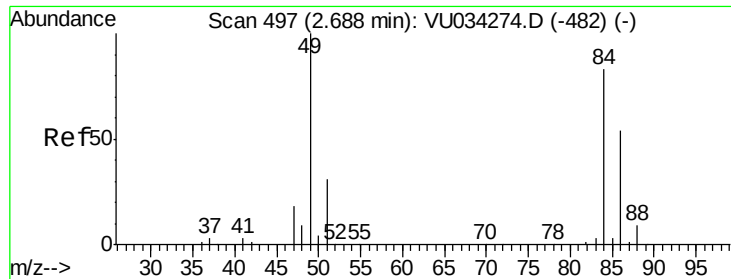
4000

2000

0

Time-->

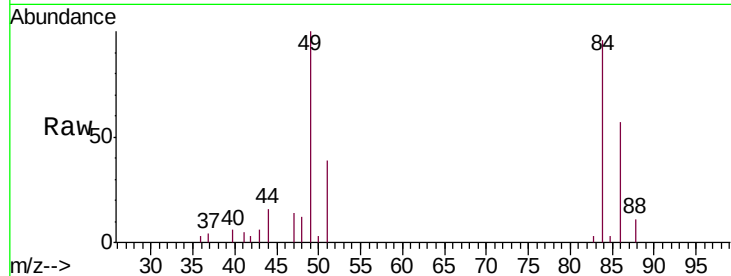




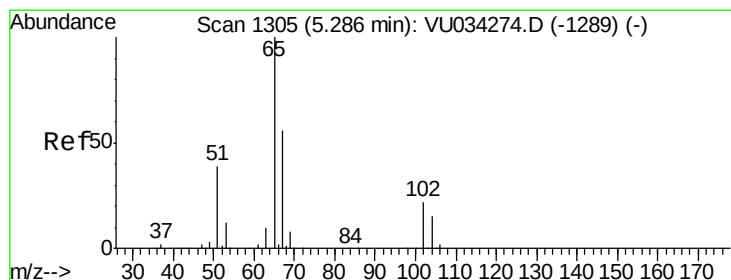
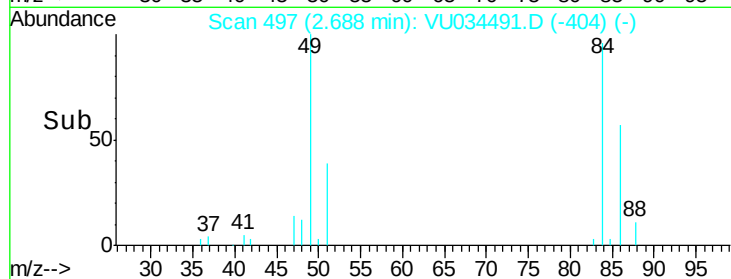
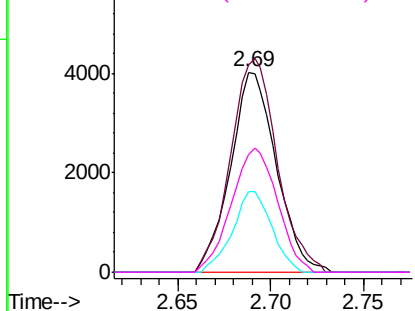
#20
Methylene Chloride
Concen: 2.019 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU034491.D
Acq: 11 Sep 2019 21:48

Instrument :
MSVOA_U
ClientSampleId :
T11-C2-(4)

Tgt Ion:	84	Resp:	6900
Ion	Ratio	Lower	Upper
84	100		
49	103.8	96.0	144.0
51	40.5	30.0	45.0
86	58.9	51.4	77.0

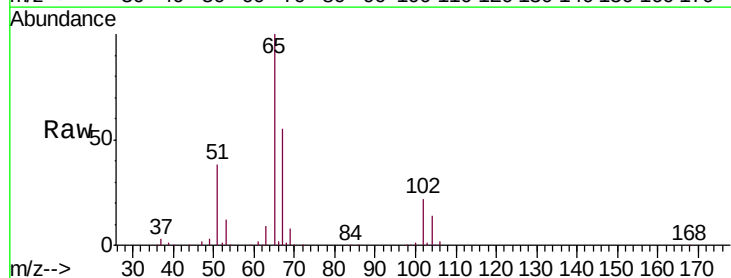


Abundance Ion 83.90 (83.60 to 84.60): VU0
Ion 48.90 (48.60 to 49.60): VU0
Ion 50.90 (50.60 to 51.60): VU0
Ion 85.90 (85.60 to 86.60): VU0

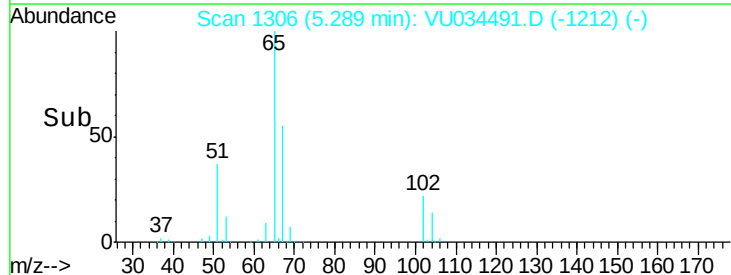
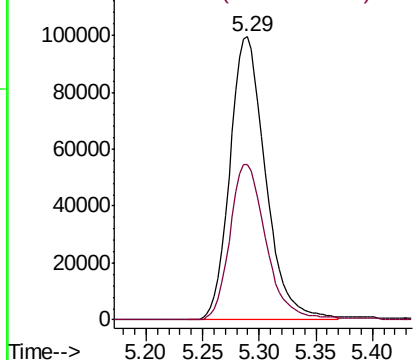


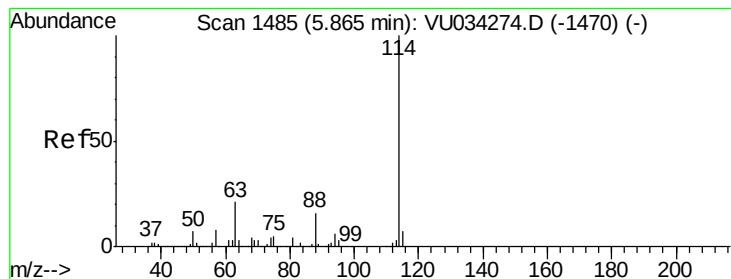
#33
1,2-Dichloroethane-d4
Concen: 64.491 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034491.D
Acq: 11 Sep 2019 21:48

Tgt Ion:	65	Resp:	218525
Ion	Ratio	Lower	Upper
65	100		
67	55.7	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: VU034491.D

Acq: 11 Sep 2019 21:48

Instrument :

MSVOA_U

ClientSampleId :

T11-C2-(4)

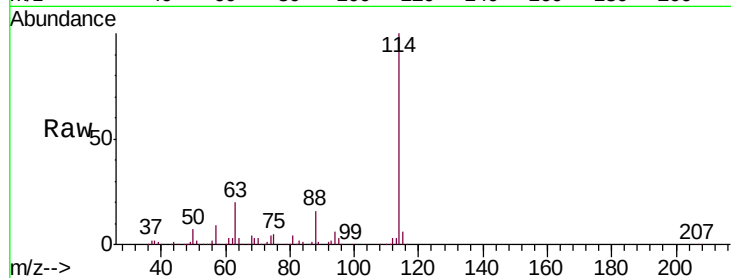
Tgt Ion:114 Resp: 354483

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

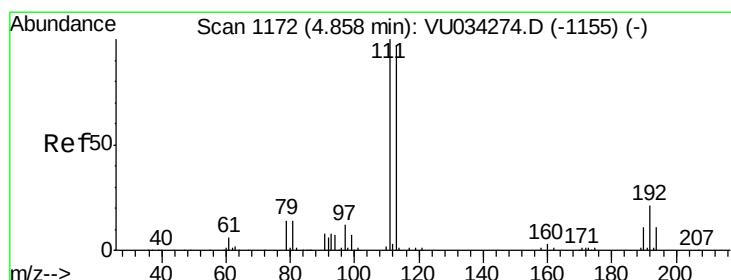
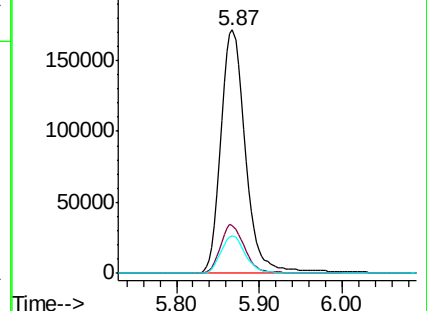
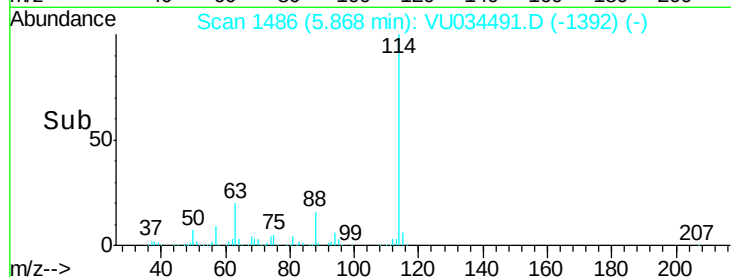
88 15.5 0.0 32.4



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: 58.233 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034491.D

Acq: 11 Sep 2019 21:48

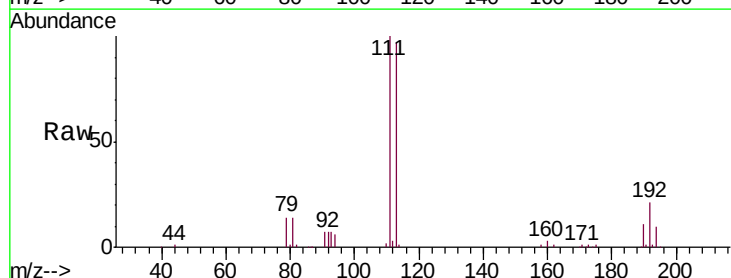
Tgt Ion:113 Resp: 192080

Ion Ratio Lower Upper

113 100

111 102.5 81.5 122.3

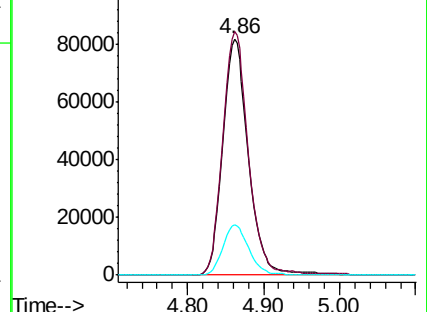
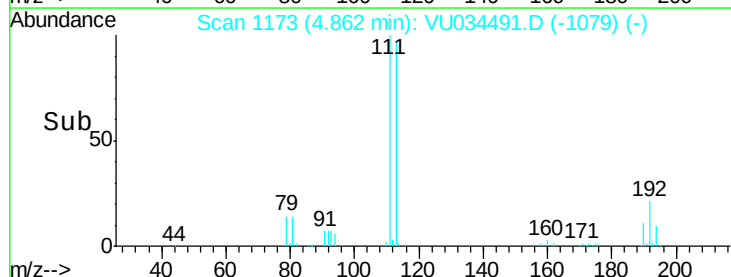
192 21.5 17.8 26.8

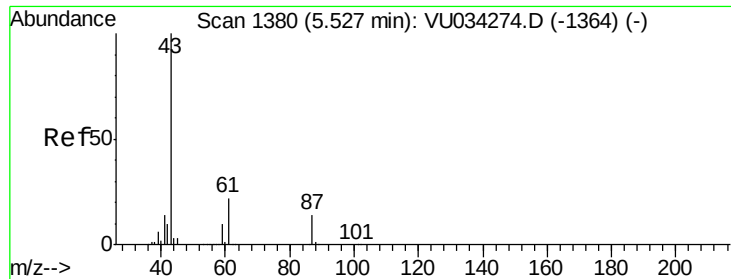


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.319 ug/l

RT: 5.54 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VU034491.D

Acq: 11 Sep 2019 21:48

Instrument :

MSVOA_U

ClientSampleId :

T11-C2-(4)

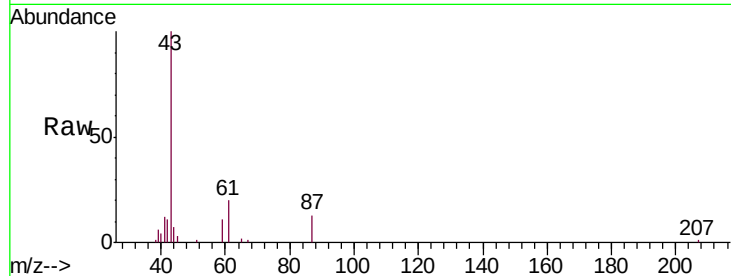
Tgt Ion: 43 Resp: 23534

Ion Ratio Lower Upper

43 100

61 20.9 17.1 25.7

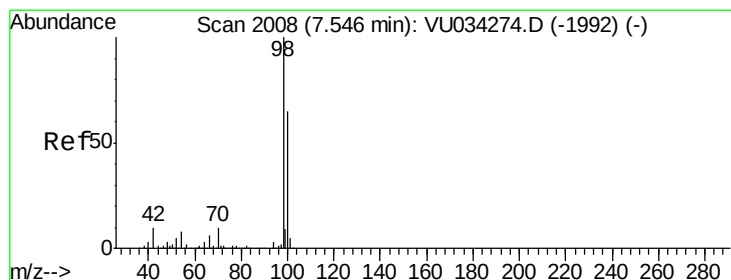
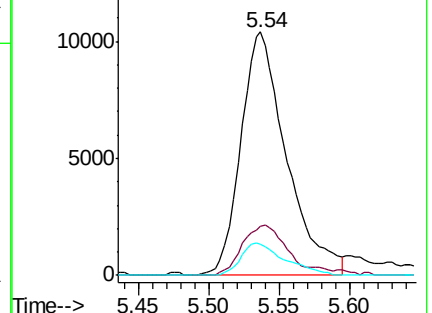
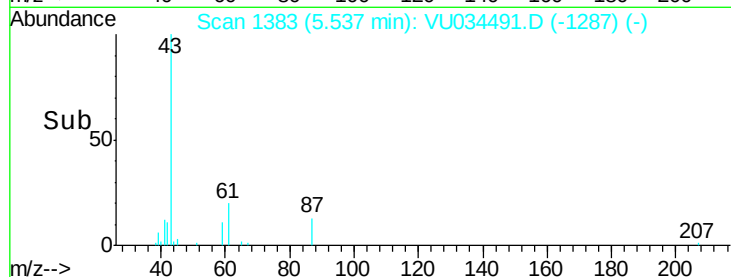
87 12.9 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VU034491.D (-1287) (-)

Ion 61.00 (60.70 to 61.70): VU034491.D (-1287) (-)

Ion 87.00 (86.70 to 87.70): VU034491.D (-1287) (-)



#50

Toluene-d8

Concen: 51.545 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VU034491.D

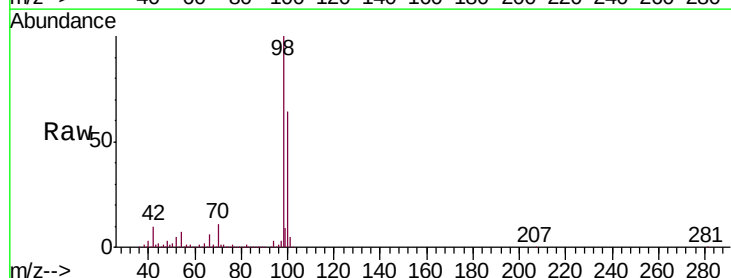
Acq: 11 Sep 2019 21:48

Tgt Ion: 98 Resp: 638772

Ion Ratio Lower Upper

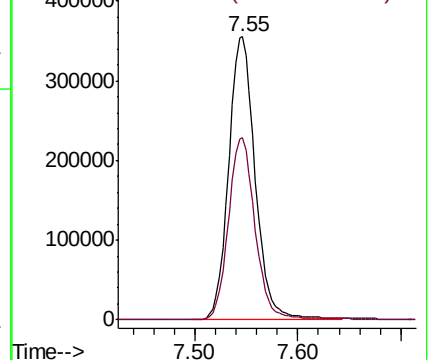
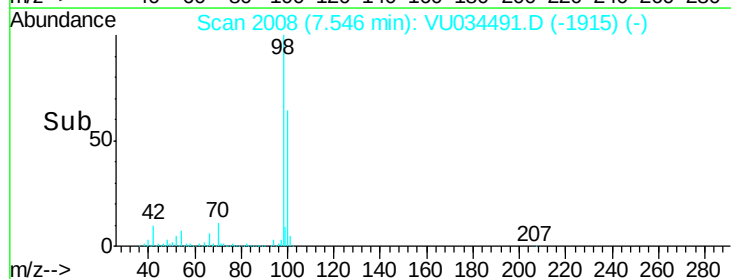
98 100

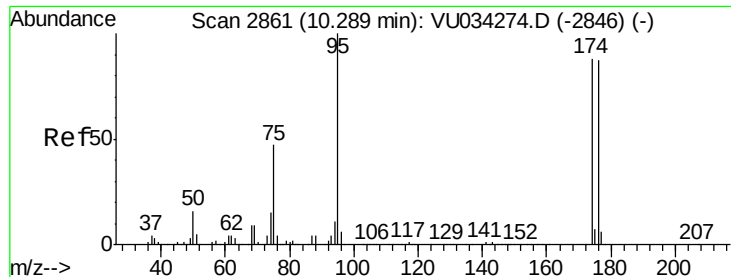
100 64.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VU034491.D (-1915) (-)

Ion 100.00 (99.70 to 100.70): VU034491.D (-1915) (-)





#62

4-Bromofluorobenzene

Concen: 45.286 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034491.D

Acq: 11 Sep 2019 21:48

Instrument :

MSVOA_U

ClientSampleId :

T11-C2-(4)

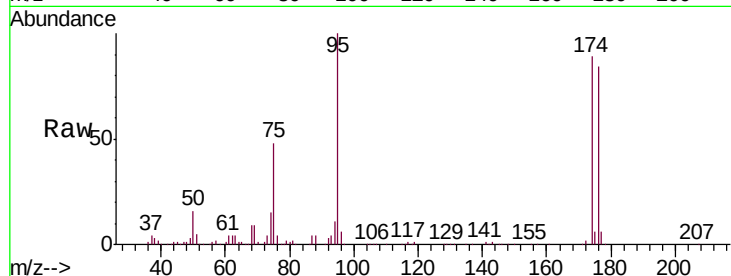
Tgt Ion: 95 Resp: 216677

Ion Ratio Lower Upper

95 100

174 89.3 0.0 175.2

176 85.0 0.0 168.0



Abundance Ion 94.90 (94.60 to 95.60): VU034274.D (-2846) (-)

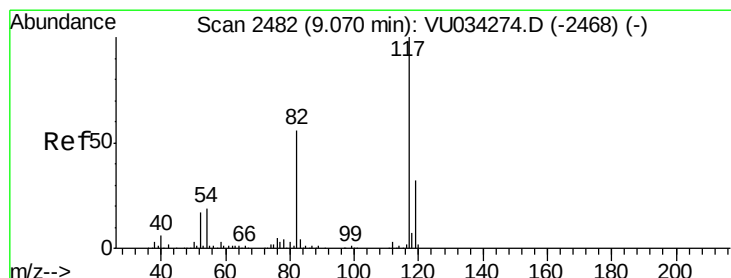
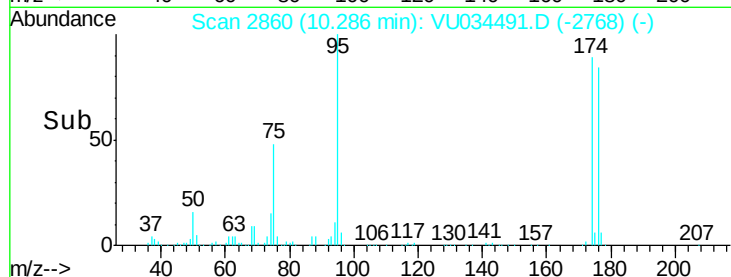
Ion 173.80 (173.50 to 174.50): VU034274.D (-2846) (-)

Ion 175.80 (175.50 to 176.50): VU034274.D (-2846) (-)

Time-->

10.29

10.20 10.30 10.40



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2481

Delta R.T. -0.00 min

Lab File: VU034491.D

Acq: 11 Sep 2019 21:48

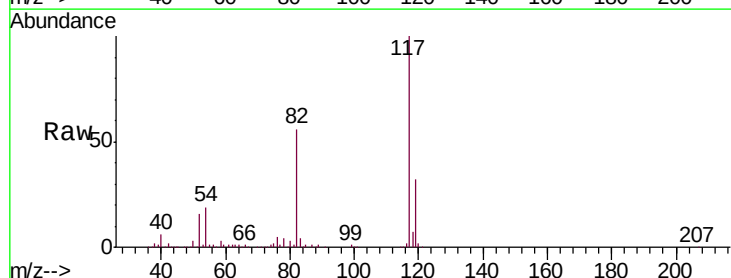
Tgt Ion: 117 Resp: 368919

Ion Ratio Lower Upper

117 100

82 56.0 44.6 67.0

119 32.0 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): VU034274.D (-2468) (-)

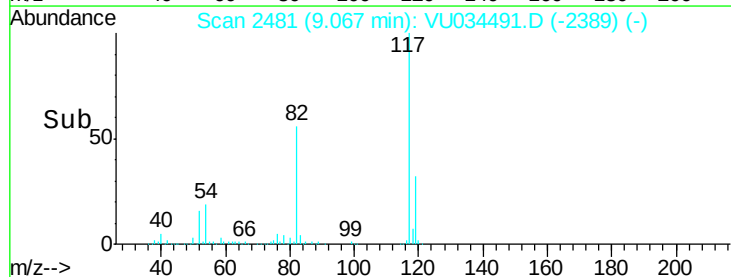
Ion 82.00 (81.70 to 82.70): VU034274.D (-2468) (-)

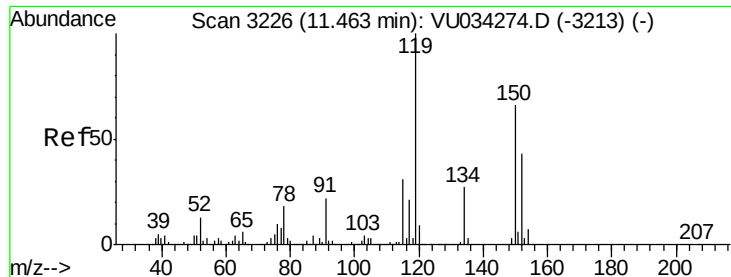
Ion 118.90 (118.60 to 119.60): VU034274.D (-2468) (-)

Time-->

9.07

9.00 9.10 9.20





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. -0.00 min

Lab File: VU034491.D

Acq: 11 Sep 2019 21:48

Instrument :

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ClientSampleId :

T11-C2-(4)

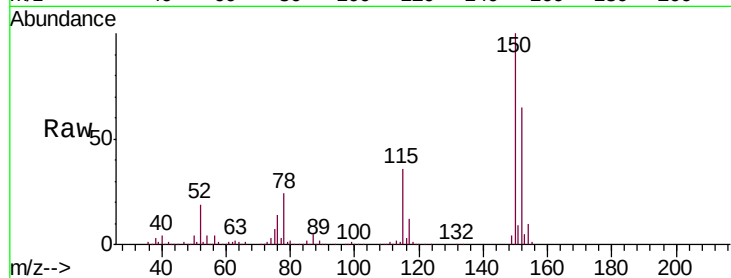
Tgt Ion:152 Resp: 197609

Ion Ratio Lower Upper

152 100

115 55.6 39.1 117.3

150 155.8 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

