

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090719\
 Data File : VU034334.D
 Acq On : 06 Sep 2019 16:34
 Operator : JC/SP
 Sample : K4669-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TR-05-090519

Quant Time: Sep 06 17:31:01 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

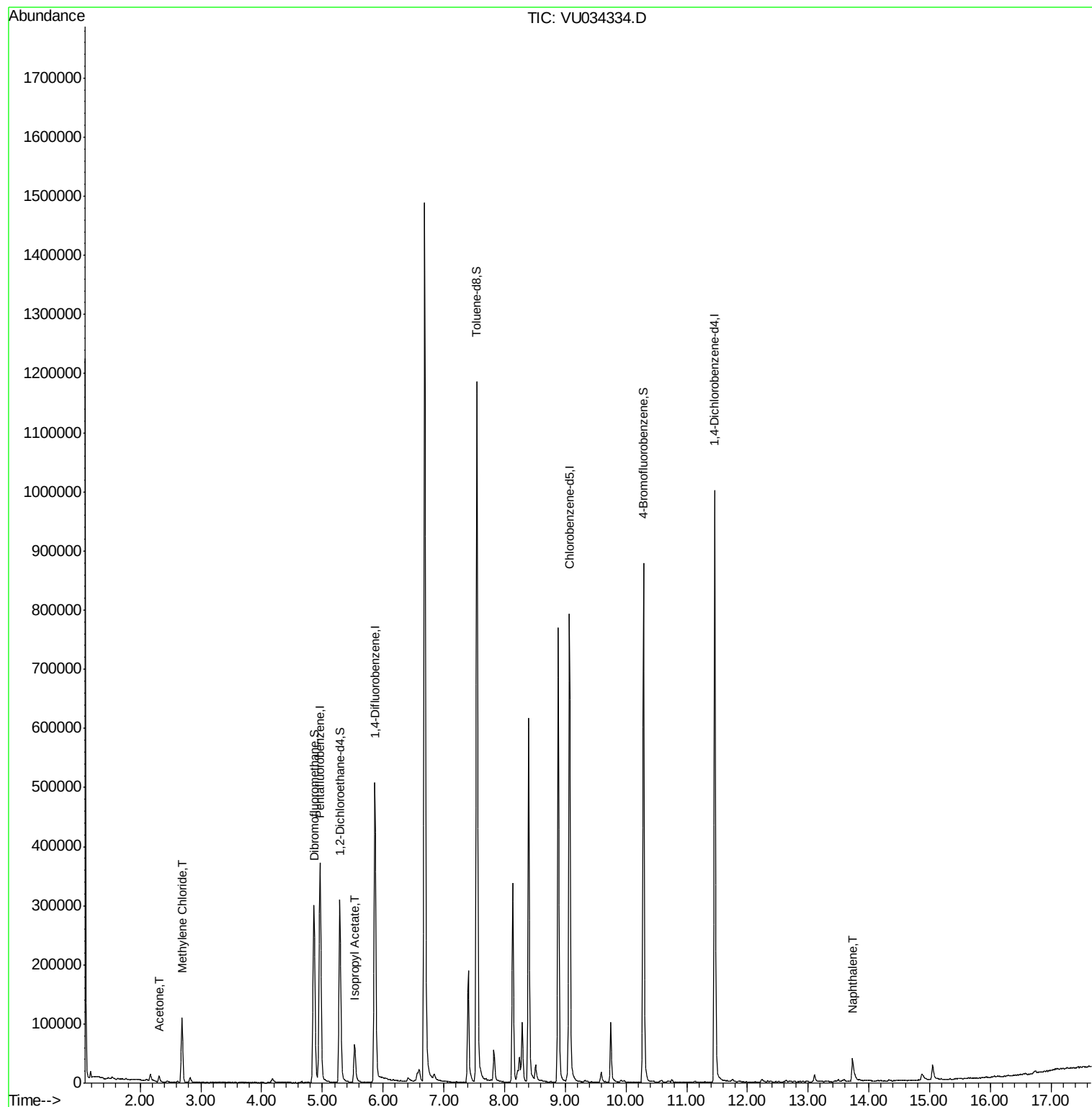
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	311053	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	477113	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	477715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	282711	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	242986	51.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.26%	
35) Dibromofluoromethane	4.86	113	214613	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.68%	
50) Toluene-d8	7.55	98	837888	50.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.46%	
62) 4-Bromofluorobenzene	10.29	95	301216	46.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.54%	
Target Compounds						
16) Acetone	2.31	43	11375	4.671	ug/l	93
20) Methylene Chloride	2.69	84	50967	12.476	ug/l	99
43) Isopropyl Acetate	5.53	43	76757	8.043	ug/l	98
95) Naphthalene	13.73	128	54219	6.615	ug/l	99

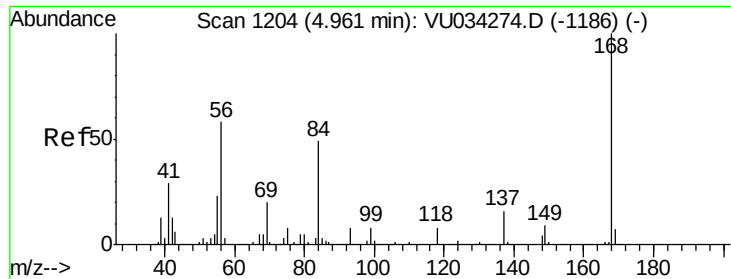
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Sep 06 05:10:13 2019
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: VU034334.D

Acq: 06 Sep 2019 16:34

Instrument :

MSVOA_U

ClientSampleId :

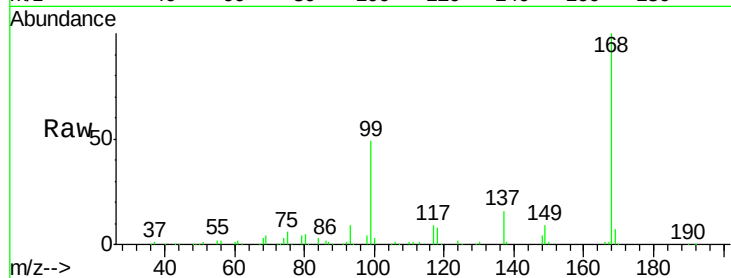
TR-05-090519

Tot Ion:168 Resp: 311053

Ion Ratio Lower Upper

168 100

99 49.4 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034274.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034274.D (-1186) (-)

4.96

150000

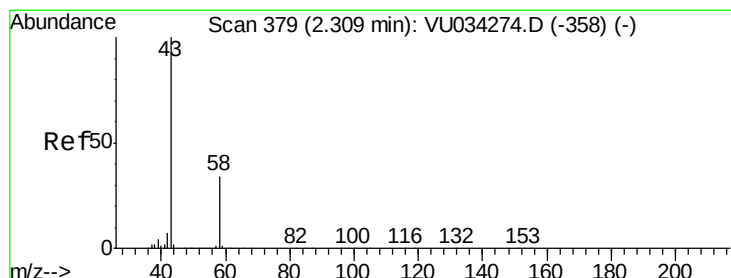
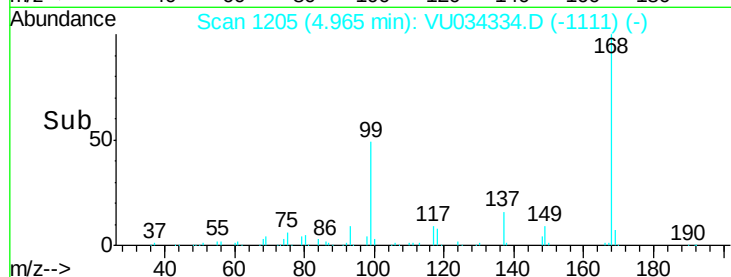
100000

50000

0

4.85 4.90 4.95 5.00 5.05

Time-->



#16

Acetone

Concen: 4.671 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034334.D

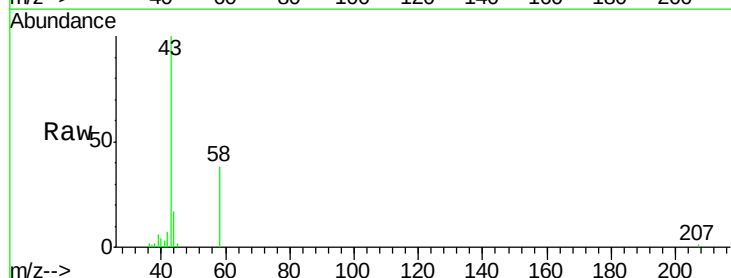
Acq: 06 Sep 2019 16:34

Tgt Ion: 43 Resp: 11375

Ion Ratio Lower Upper

43 100

58 38.5 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034274.D (-358) (-)

Ion 58.00 (57.70 to 58.70): VU034274.D (-358) (-)

2.31

8000

6000

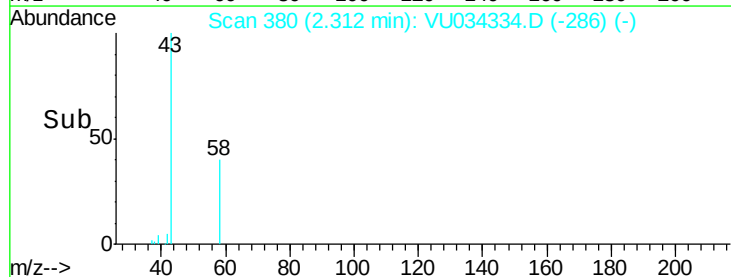
4000

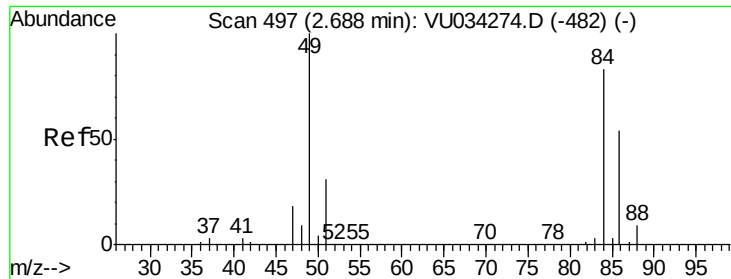
2000

0

2.25 2.30 2.35

Time-->

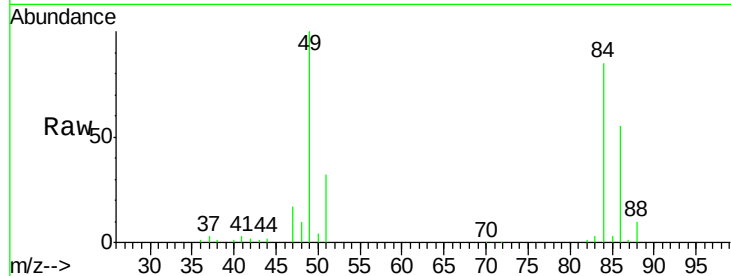




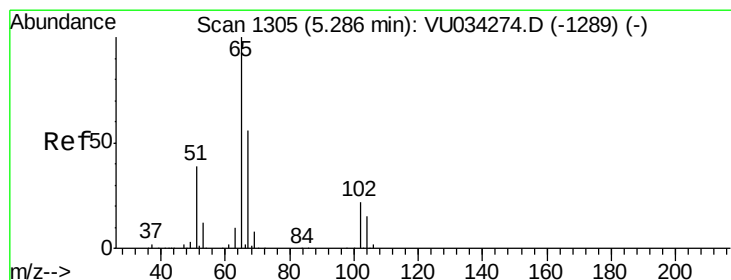
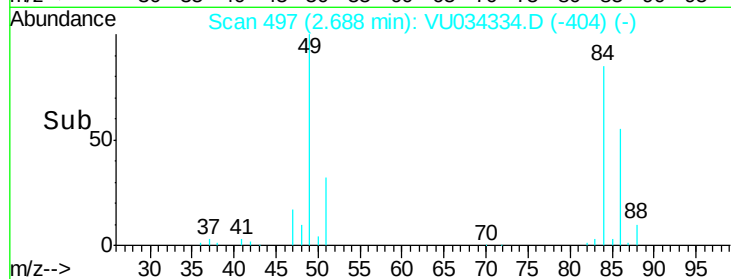
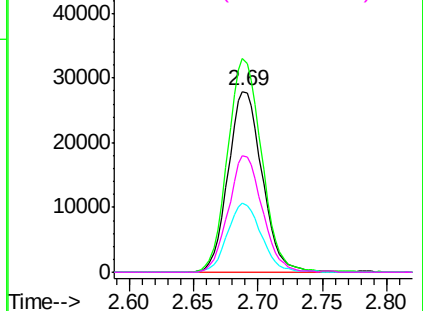
#20
Methylene Chloride
Concen: 12.476 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU034334.D
Acq: 06 Sep 2019 16:34

Instrument :
MSVOA_U
ClientSampleId :
TR-05-090519

Tot Ion:	84	Resp:	50967
Ion	Ratio	Lower	Upper
84	100		
49	118.1	96.0	144.0
51	37.9	30.0	45.0
86	64.6	51.4	77.0

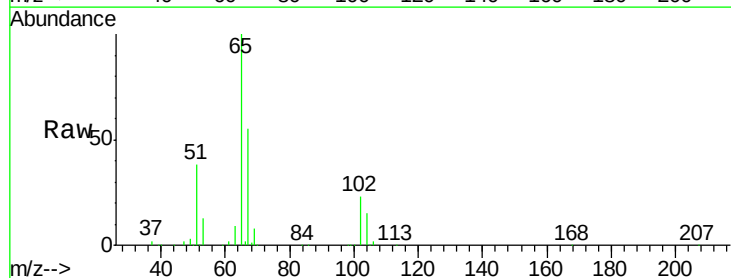


Abundance Ion 83.90 (83.60 to 84.60): VU0
Ion 48.90 (48.60 to 49.60): VU0
Ion 50.90 (50.60 to 51.60): VU0
Ion 85.90 (85.60 to 86.60): VU0

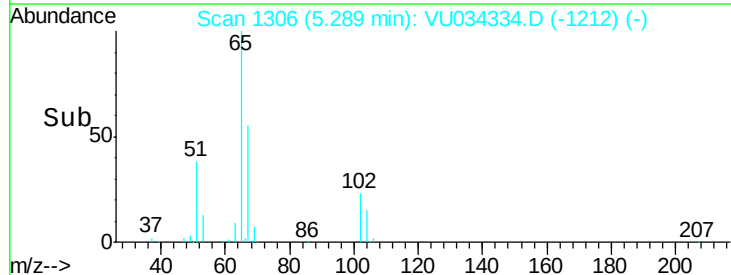
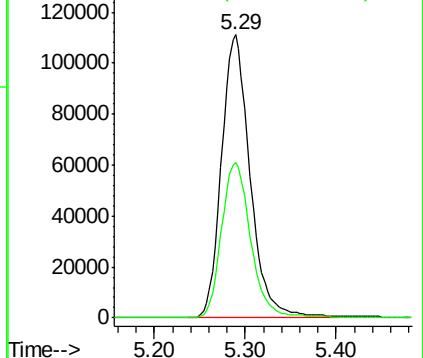


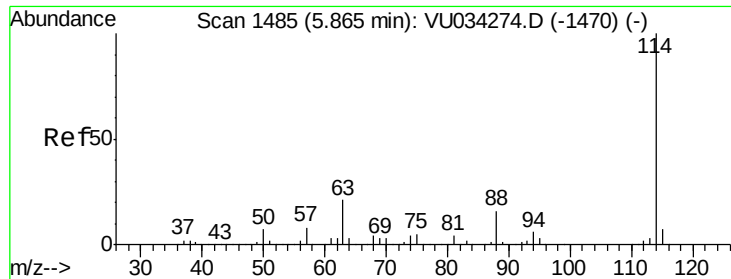
#33
1,2-Dichloroethane-d4
Concen: 51.630 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034334.D
Acq: 06 Sep 2019 16:34

Tgt Ion:	65	Resp:	242986
Ion	Ratio	Lower	Upper
65	100		
67	55.9	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: VU034334.D

Acq: 06 Sep 2019 16:34

Instrument :

MSVOA_U

ClientSampleId :

TR-05-090519

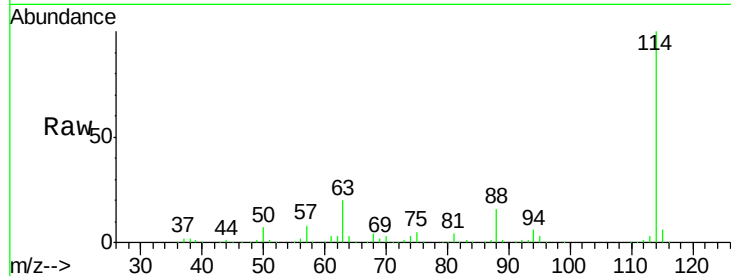
Tot Ion:114 Resp: 477113

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

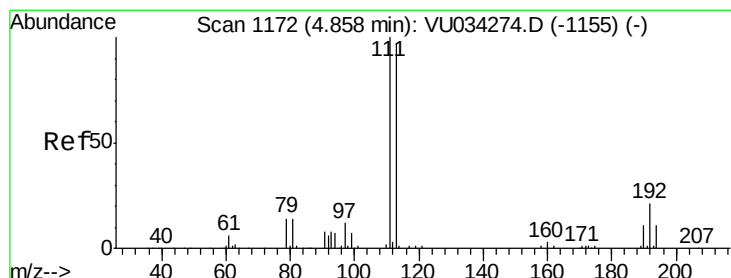
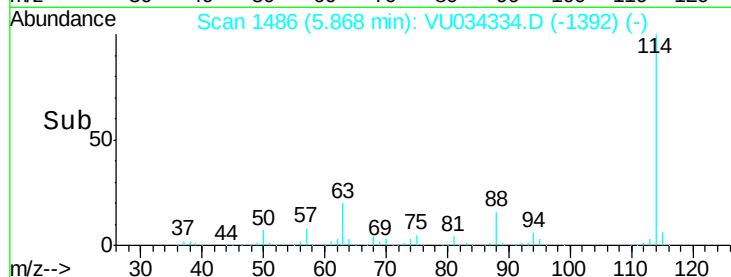
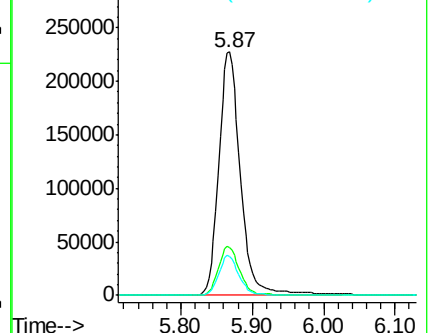
88 16.0 0.0 32.4



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: 48.341 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034334.D

Acq: 06 Sep 2019 16:34

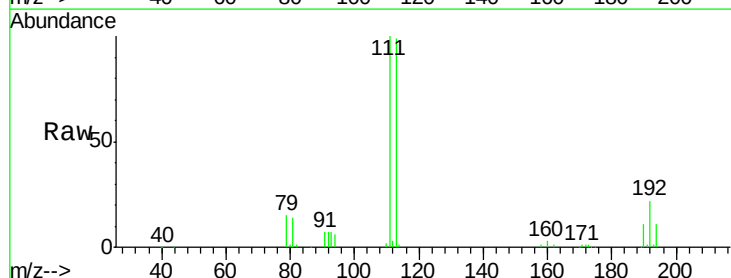
Tgt Ion:113 Resp: 214613

Ion Ratio Lower Upper

113 100

111 104.5 81.5 122.3

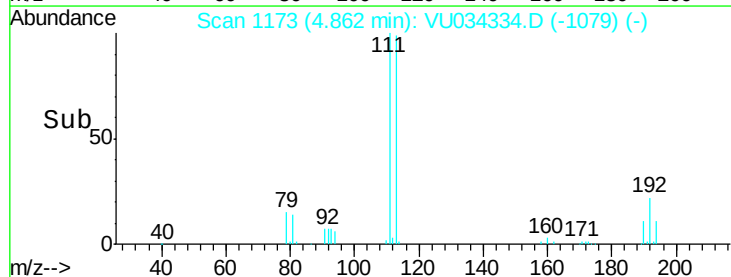
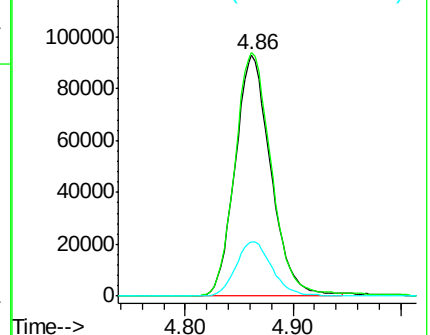
192 22.8 17.8 26.8

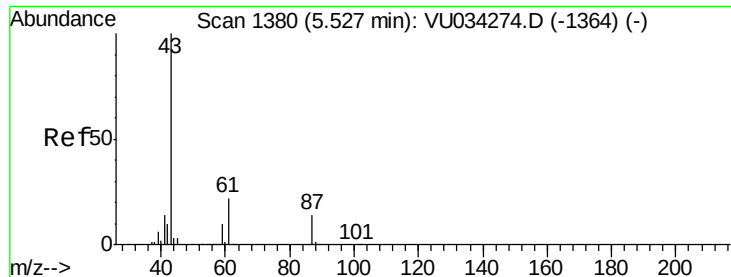


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 8.043 ug/l

RT: 5.53 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VU034334.D

Acq: 06 Sep 2019 16:34

Instrument :

MSVOA_U

ClientSampleId :

TR-05-090519

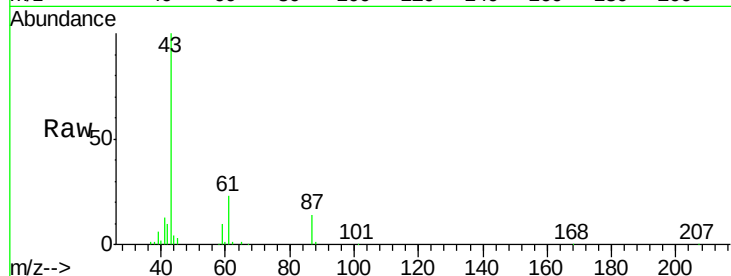
Tot Ion: 43 Resp: 76757

Ion Ratio Lower Upper

43 100

61 22.9 17.1 25.7

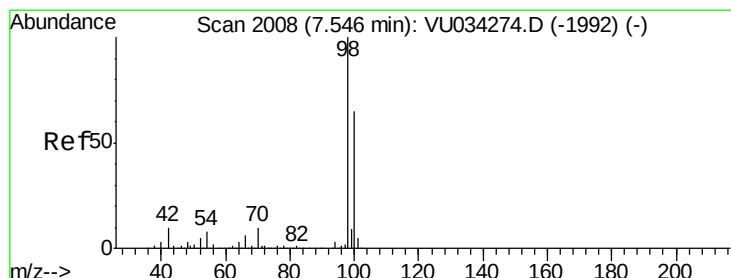
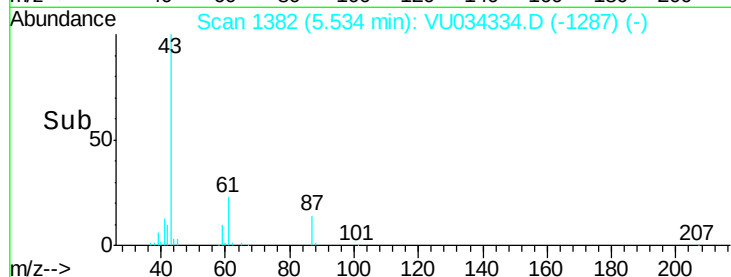
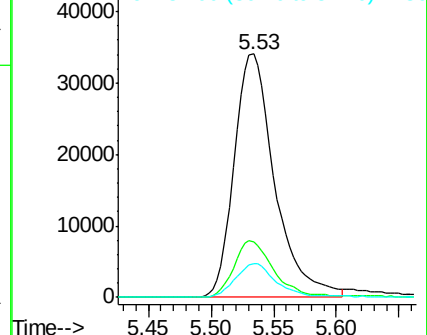
87 13.6 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VU034334.D (-1287) (-)

Ion 61.00 (60.70 to 61.70): VU034334.D (-1287) (-)

Ion 87.00 (86.70 to 87.70): VU034334.D (-1287) (-)



#50

Toluene-d8

Concen: 50.235 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034334.D

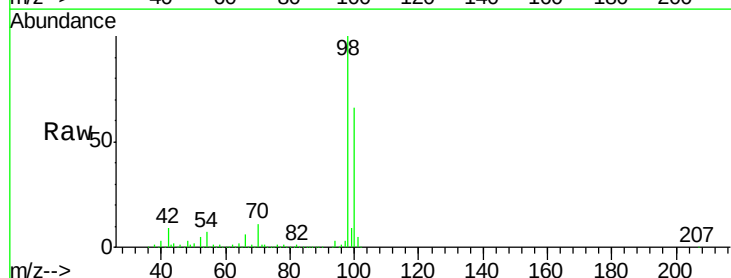
Acq: 06 Sep 2019 16:34

Tgt Ion: 98 Resp: 837888

Ion Ratio Lower Upper

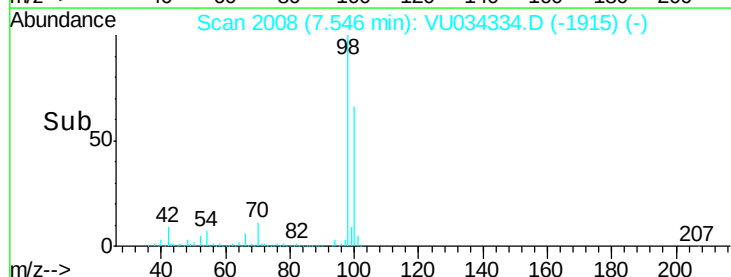
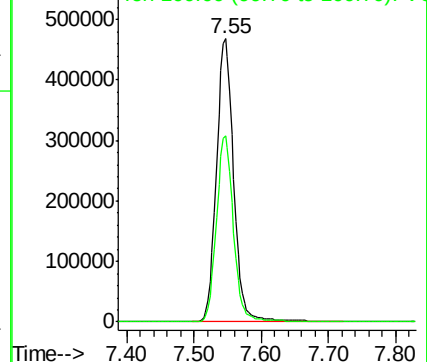
98 100

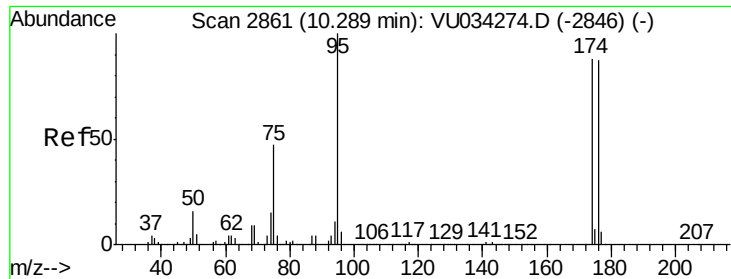
100 64.3 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VU034334.D (-1915) (-)

Ion 100.00 (99.70 to 100.70): VU034334.D (-1915) (-)

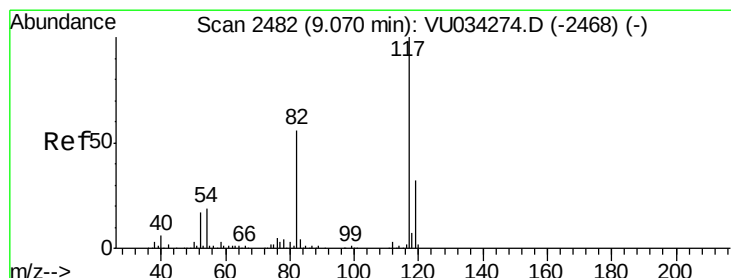
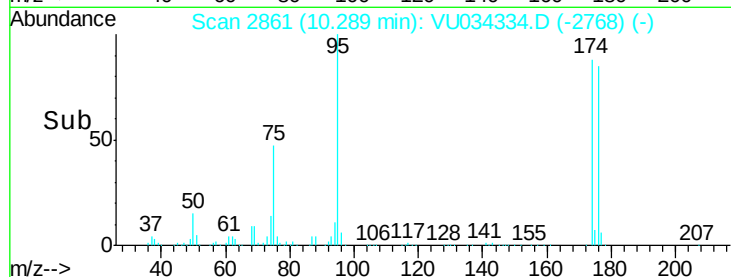
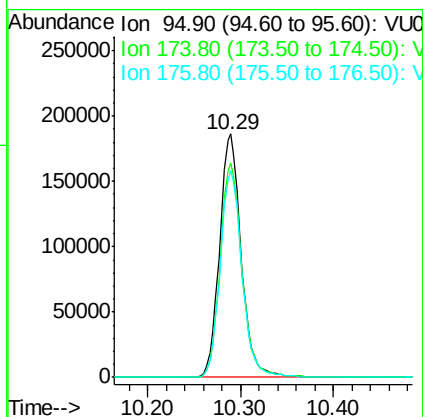
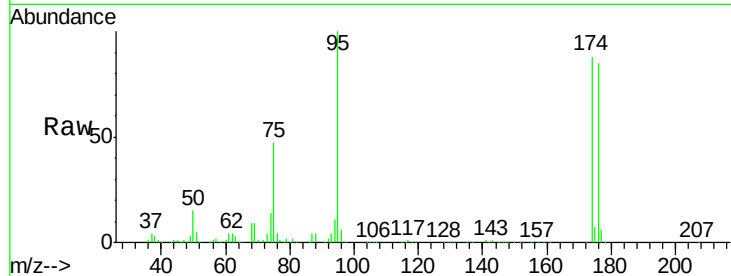




#62
4-Bromofluorobenzene
Concen: 46.774 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VU034334.D
Acq: 06 Sep 2019 16:34

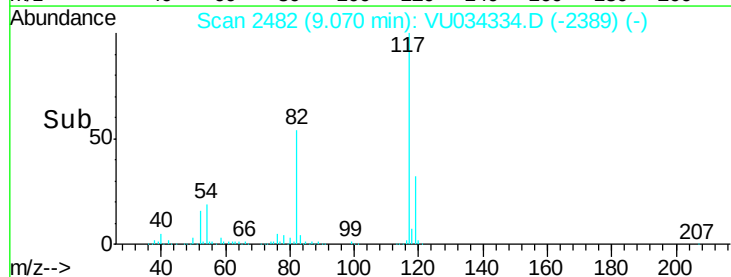
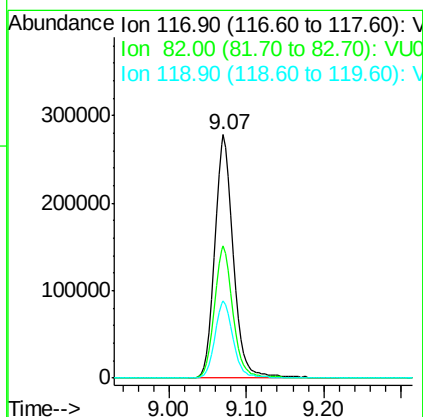
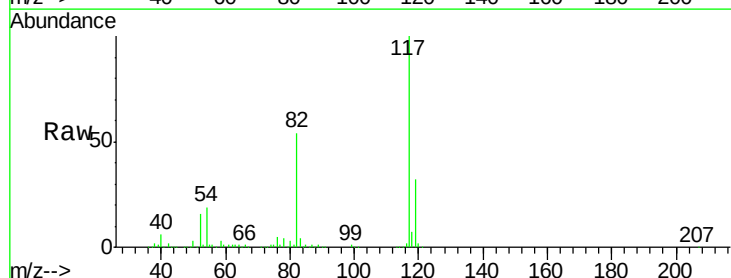
Instrument :
MSVOA_U
ClientSampleId :
TR-05-090519

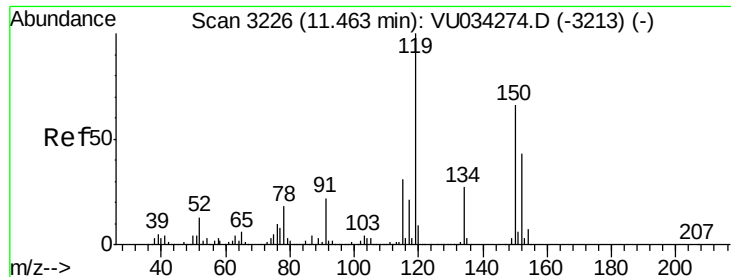
Tot Ion: 95 Resp: 301216
Ion Ratio Lower Upper
95 100
174 88.8 0.0 175.2
176 85.8 0.0 168.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034334.D
Acq: 06 Sep 2019 16:34

Tgt Ion: 117 Resp: 477715
Ion Ratio Lower Upper
117 100
82 54.3 44.6 67.0
119 31.8 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: VU034334.D

Acq: 06 Sep 2019 16:34

Instrument :

MSVOA_U

ClientSampleId :

TR-05-090519

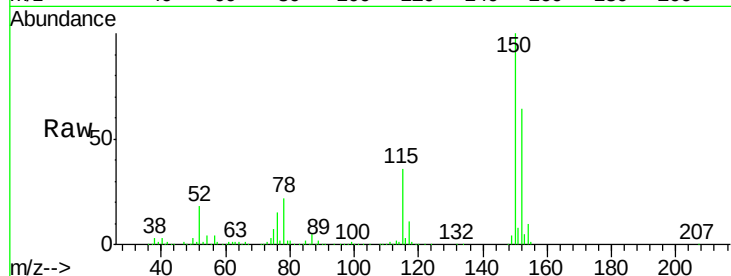
Tot Ion:152 Resp: 282711

Ion Ratio Lower Upper

152 100

115 56.4 39.1 117.3

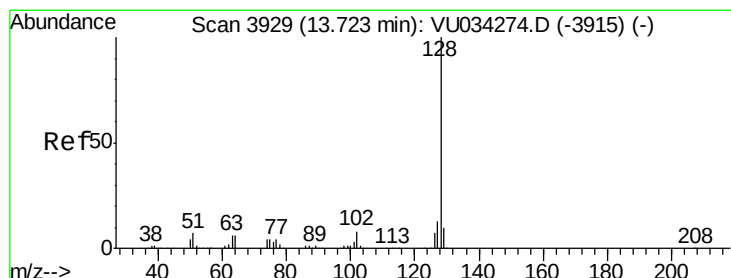
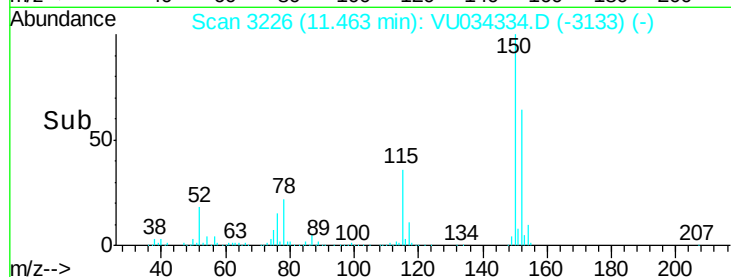
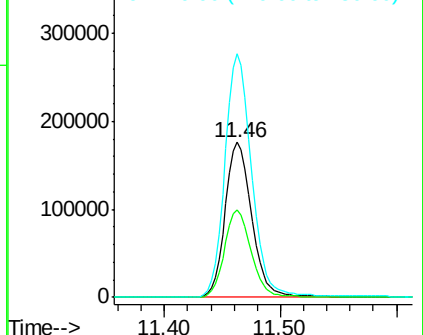
150 157.7 0.0 345.4



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



#95

Naphthalene

Concen: 6.615 ug/l

RT: 13.73 min Scan# 3932

Delta R.T. 0.01 min

Lab File: VU034334.D

Acq: 06 Sep 2019 16:34

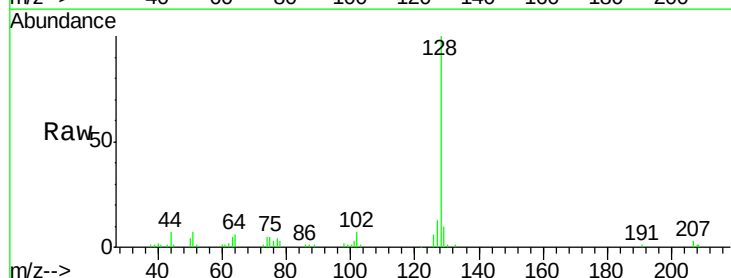
Tgt Ion:128 Resp: 54219

Ion Ratio Lower Upper

128 100

127 12.6 10.6 15.8

129 10.9 8.4 12.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

