

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090519\
 Data File : VU034255.D
 Acq On : 04 Sep 2019 14:11
 Operator : JC/SP
 Sample : K4547-23
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T3-S-D-(2.5)

Quant Time: Sep 05 04:51:43 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

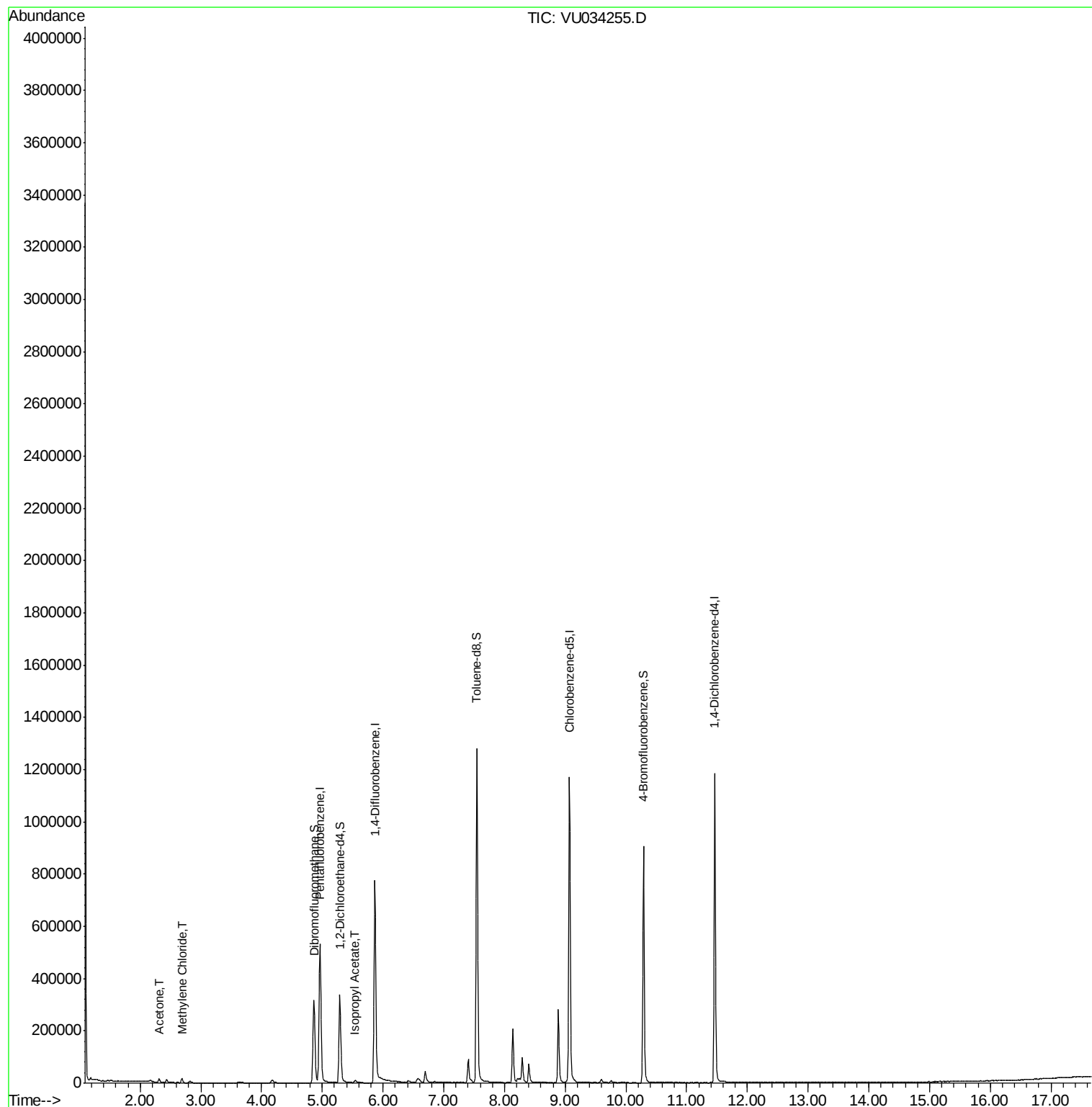
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	436446	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	700418	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	687574	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	332693	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	271156	48.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.98%	
35) Dibromofluoromethane	4.86	113	228922	47.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.24%	
50) Toluene-d8	7.55	98	896141	49.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.52%	
62) 4-Bromofluorobenzene	10.29	95	309916	43.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.60%	
Target Compounds						
16) Acetone	2.31	43	15229	5.337	ug/l	96
20) Methylene Chloride	2.69	84	7255	1.343	ug/l	90
43) Isopropyl Acetate	5.54	43	13438	1.191	ug/l	94

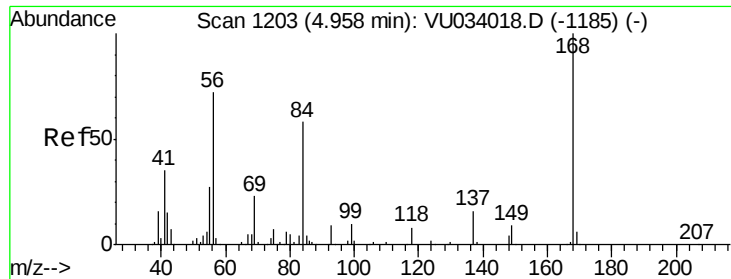
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034255.D

Acq: 04 Sep 2019 14:11

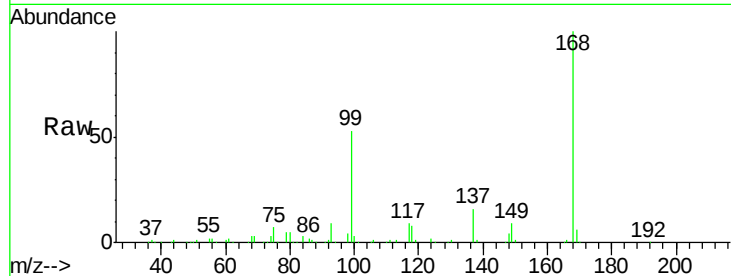
Instrument :
MSVOA_U
ClientSampleId :
T3-S-D-(2.5)

Tot Ion:168 Resp: 436446

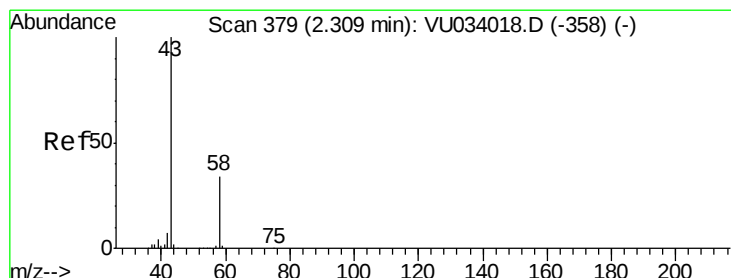
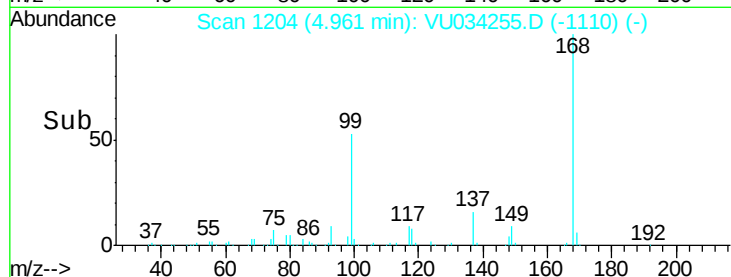
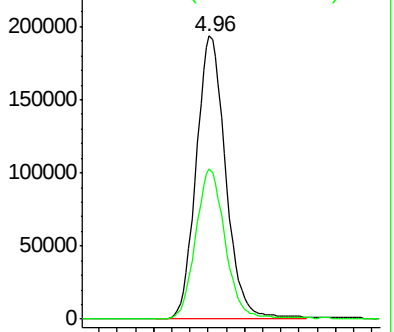
Ion Ratio Lower Upper

168 100

99 53.1 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034018.D (-1185) (-)



#16

Acetone

Concen: 5.337 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034255.D

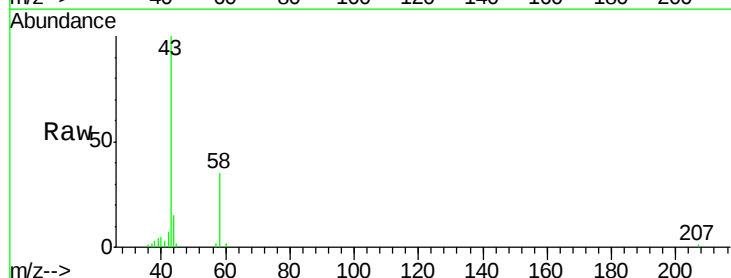
Acq: 04 Sep 2019 14:11

Tgt Ion: 43 Resp: 15229

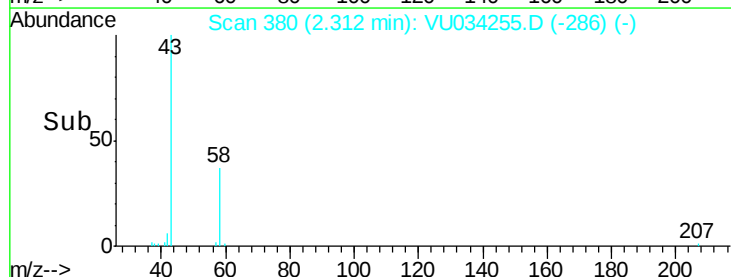
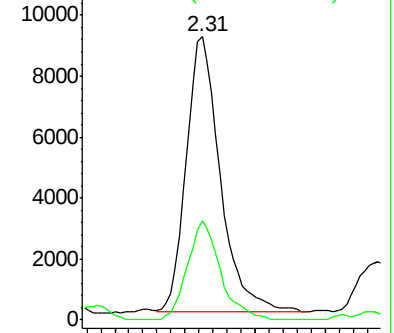
Ion Ratio Lower Upper

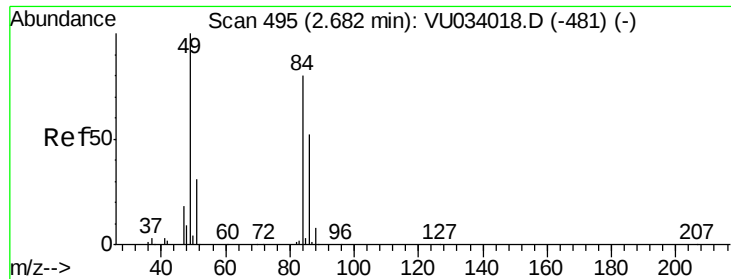
43 100

58 36.0 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VU034018.D (-358) (-)

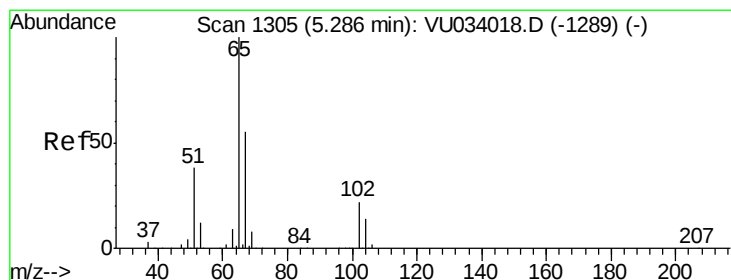
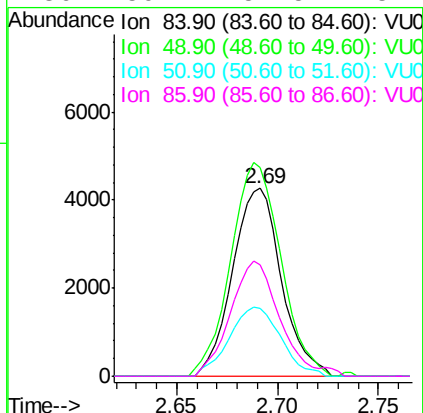
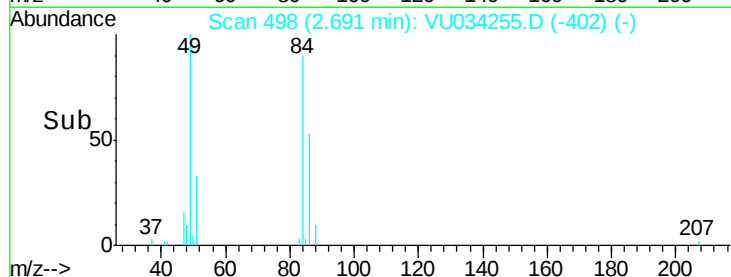
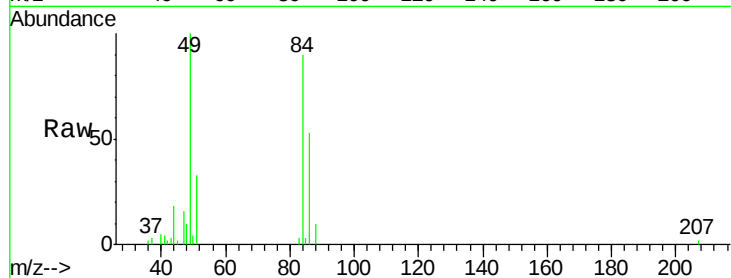




#20
Methvlene Chloride
Concen: 1.343 ug/l
RT: 2.69 min Scan# 498
Delta R.T. 0.01 min
Lab File: VU034255.D
Acq: 04 Sep 2019 14:11

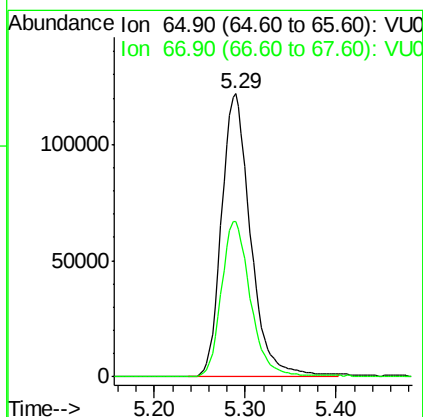
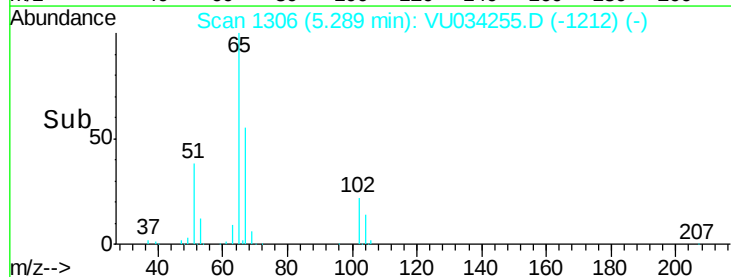
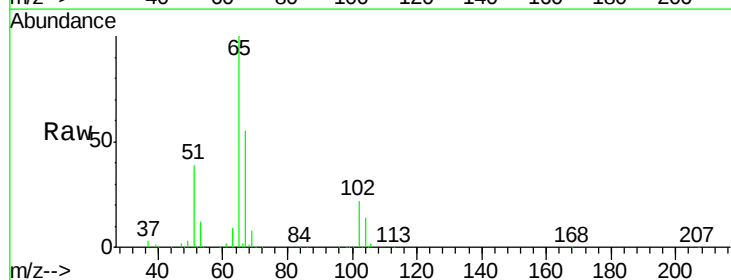
Instrument :
MSVOA_U
ClientSampleId :
T3-S-D-(2.5)

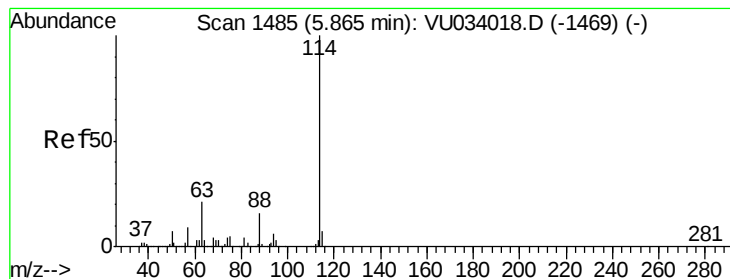
Tot Ion: 84 Resp: 7255
Ion Ratio Lower Upper
84 100
49 111.3 100.2 150.4
51 36.4 30.8 46.2
86 59.4 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 48.487 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034255.D
Acq: 04 Sep 2019 14:11

Tgt Ion: 65 Resp: 271156
Ion Ratio Lower Upper
65 100
67 54.9 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: VU034255.D

Acq: 04 Sep 2019 14:11

Instrument :

MSVOA_U

ClientSampleId :

T3-S-D-(2.5)

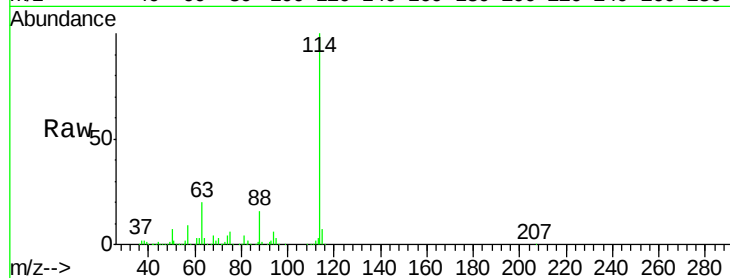
Tot Ion:114 Resp: 700418

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.0

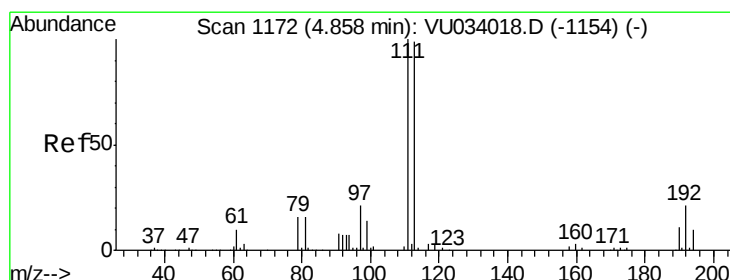
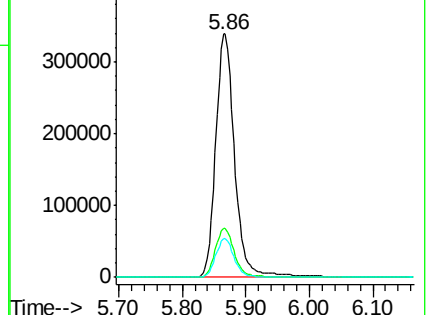
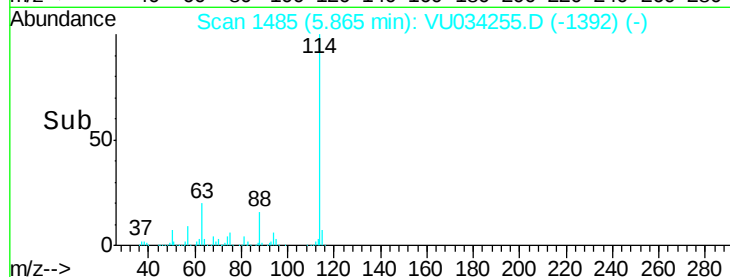
88 16.0 0.0 32.0



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: 47.122 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034255.D

Acq: 04 Sep 2019 14:11

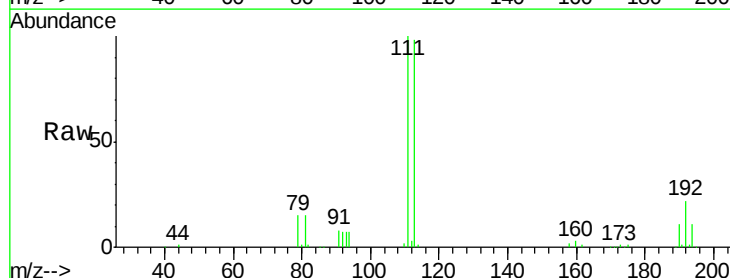
Tgt Ion:113 Resp: 228922

Ion Ratio Lower Upper

113 100

111 102.6 81.7 122.5

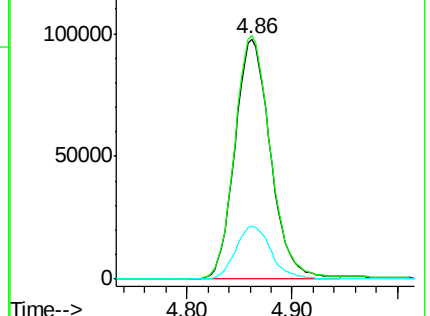
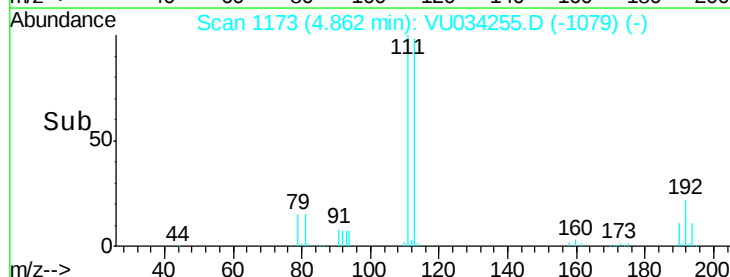
192 21.8 17.1 25.7



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: 1.191 ug/l

RT: 5.54 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VU034255.D

Acq: 04 Sep 2019 14:11

Instrument :

MSVOA_U

ClientSampleId :

T3-S-D-(2.5)

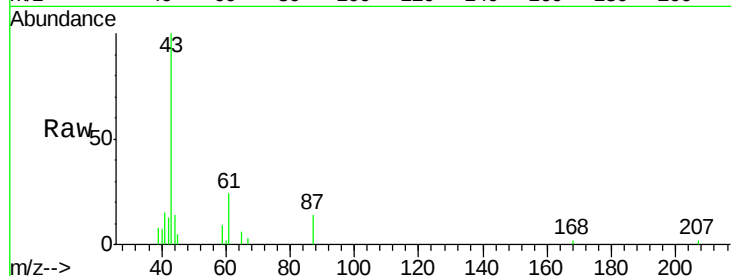
Tot Ion: 43 Resp: 13438

Ion Ratio Lower Upper

43 100

61 24.6 17.2 25.8

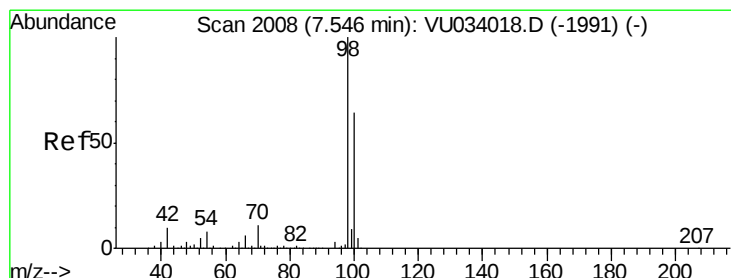
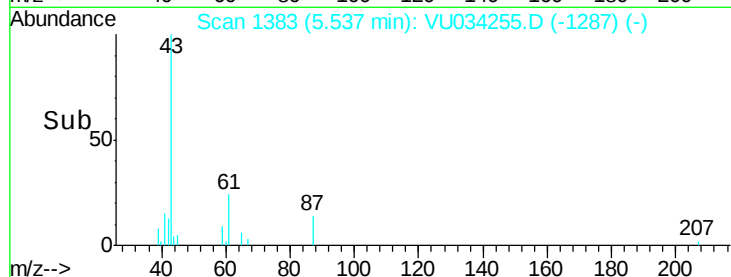
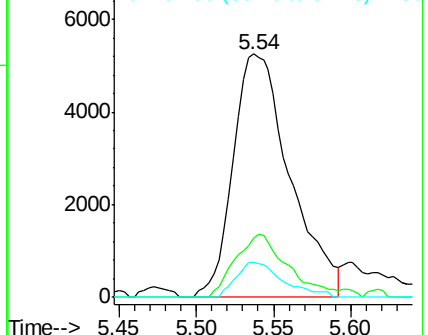
87 11.9 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VU034018.D (-1365) (-)

Ion 61.00 (60.70 to 61.70): VU034018.D (-1365) (-)

Ion 87.00 (86.70 to 87.70): VU034018.D (-1365) (-)



#50

Toluene-d8

Concen: 49.265 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034255.D

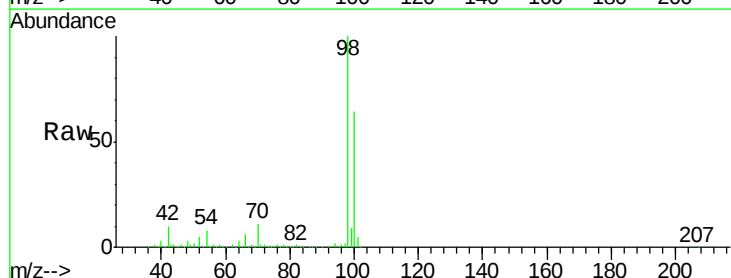
Acq: 04 Sep 2019 14:11

Tgt Ion: 98 Resp: 896141

Ion Ratio Lower Upper

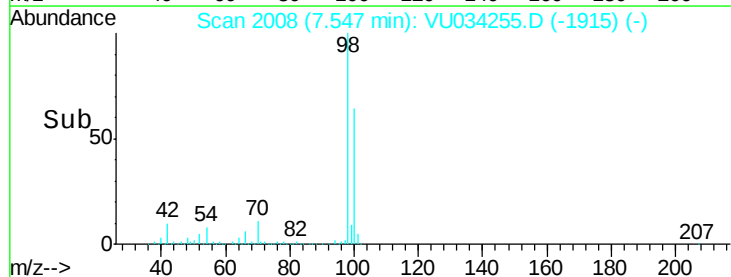
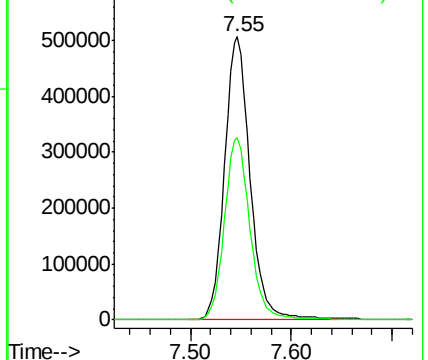
98 100

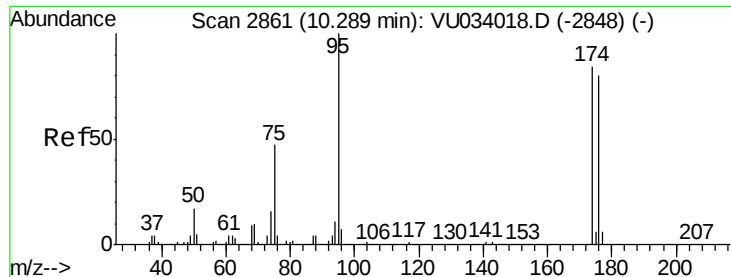
100 64.6 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VU034018.D (-1991) (-)

Ion 100.00 (99.70 to 100.70): VU034018.D (-1991) (-)

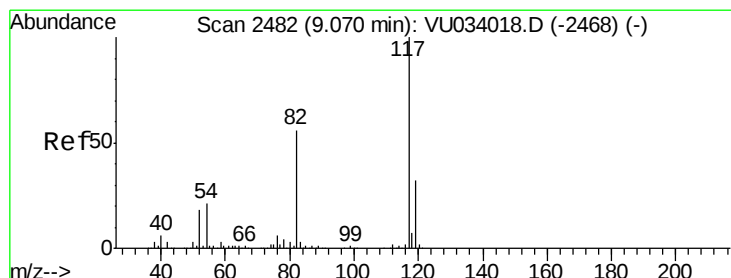
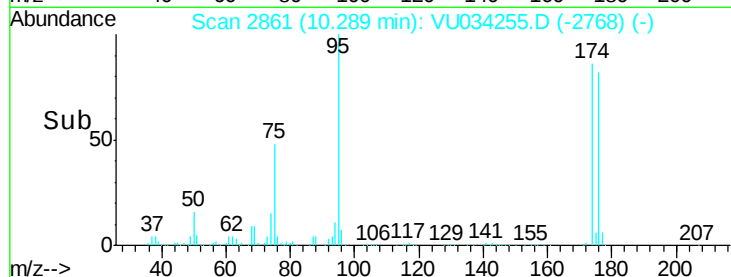
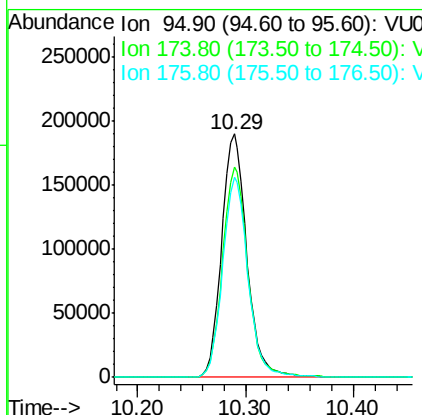
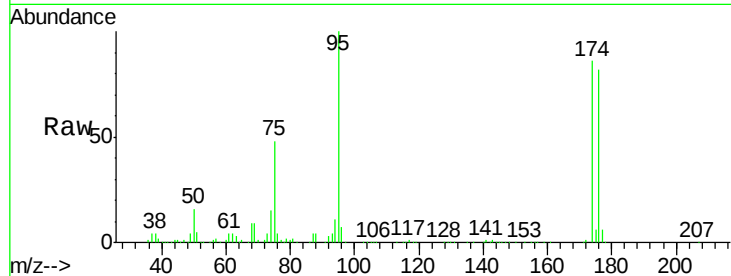




#62
4-Bromofluorobenzene
Concen: 43.799 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VU034255.D
Acq: 04 Sep 2019 14:11

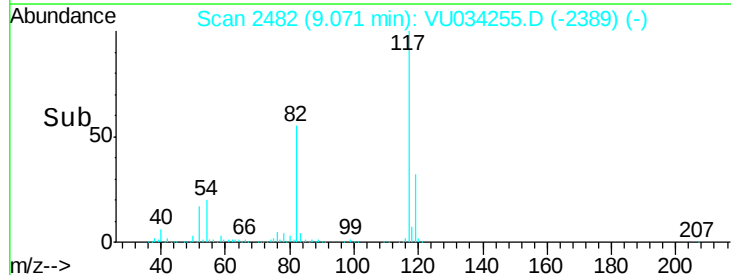
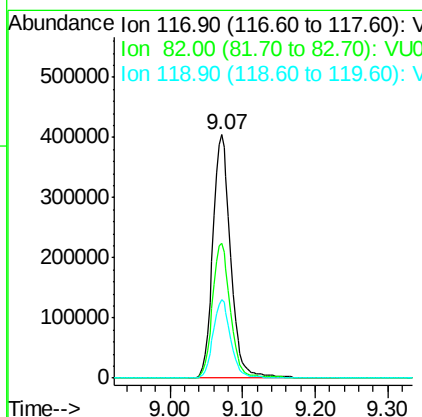
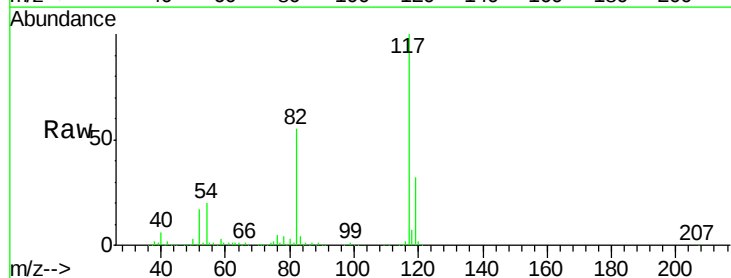
Instrument :
MSVOA_U
ClientSampleId :
T3-S-D-(2.5)

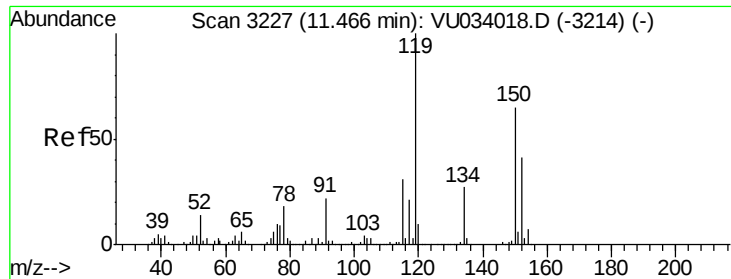
Tot Ion	Ratio	Lower	Upper
95	100		
174	87.1	0.0	168.8
176	82.7	0.0	161.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034255.D
Acq: 04 Sep 2019 14:11

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.4	45.1	67.7
119	32.2	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: VU034255.D

Acq: 04 Sep 2019 14:11

Instrument :

MSVOA_U

ClientSampleId :

T3-S-D-(2.5)

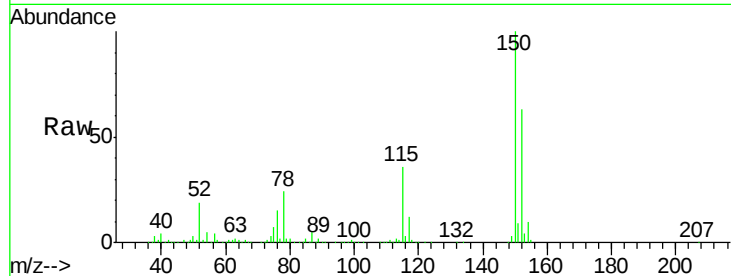
Tot Ion:152 Resp: 332693

Ion Ratio Lower Upper

152 100

115 57.3 41.1 123.3

150 157.5 0.0 348.8



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

