

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090419\
 Data File : VU034235.D
 Acq On : 03 Sep 2019 18:31
 Operator : JC/SP
 Sample : K4546-28
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T3-S-C4-(2.5)

Quant Time: Sep 04 06:43:07 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

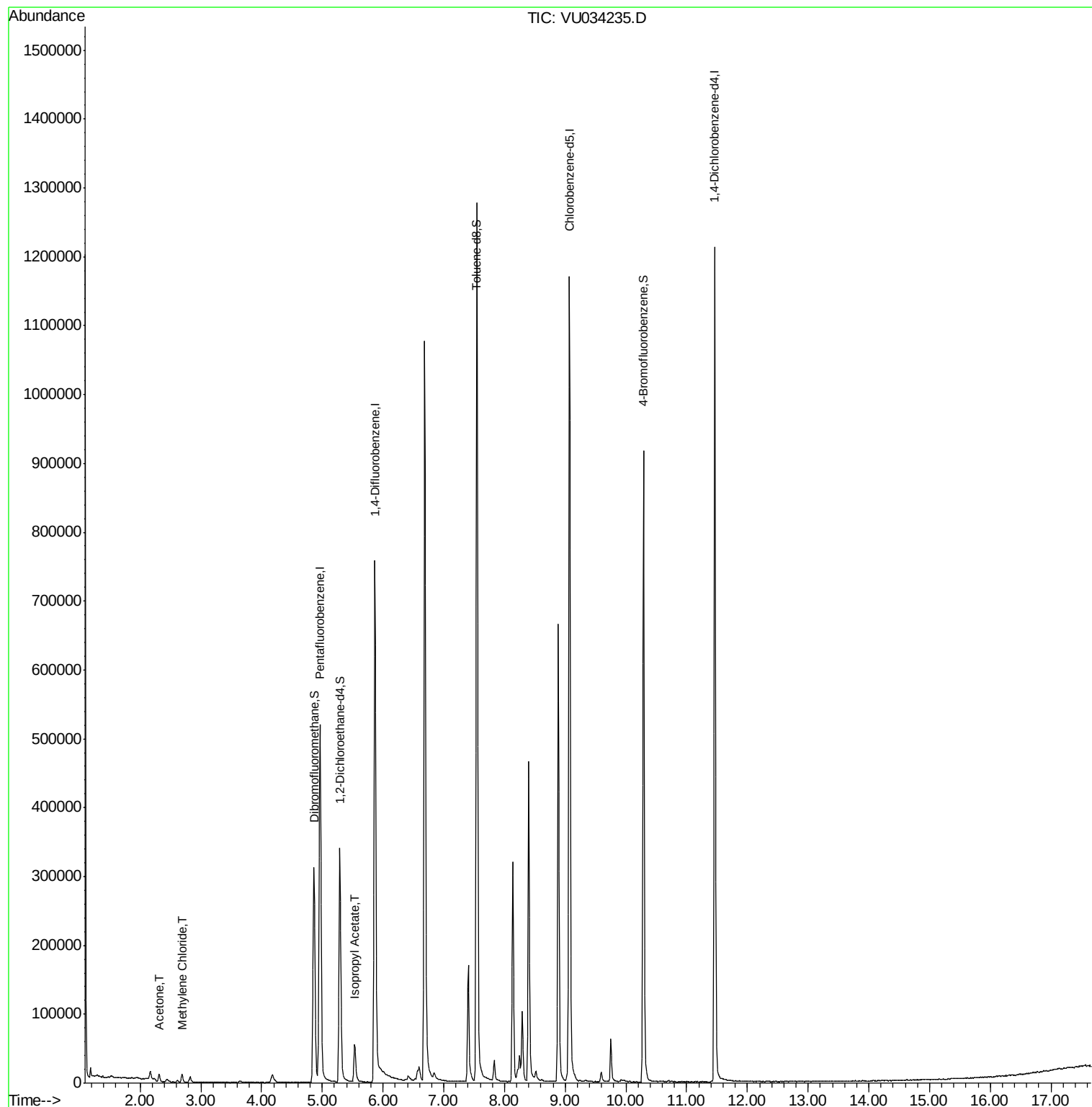
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	427605	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	673117	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	690429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	339903	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	269009	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.20%	
35) Dibromofluoromethane	4.86	113	224798	48.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.30%	
50) Toluene-d8	7.55	98	896623	51.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.58%	
62) 4-Bromofluorobenzene	10.29	95	312654	45.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.96%	
Target Compounds						
16) Acetone	2.31	43	11958	4.277	ug/l	96
20) Methylene Chloride	2.69	84	5471	1.034	ug/l	90
43) Isopropyl Acetate	5.53	43	66188	6.102	ug/l	99

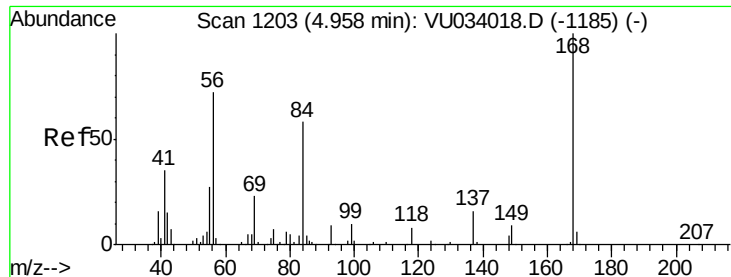
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU090419\
Data File : VU034235.D
Acq On : 03 Sep 2019 18:31
Operator : JC/SP
Sample : K4546-28
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
T3-S-C4-(2.5)

Quant Time: Sep 04 06:43:07 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 29 04:11:12 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034235.D

Acq: 03 Sep 2019 18:31

Instrument :

MSVOA_U

ClientSampleId :

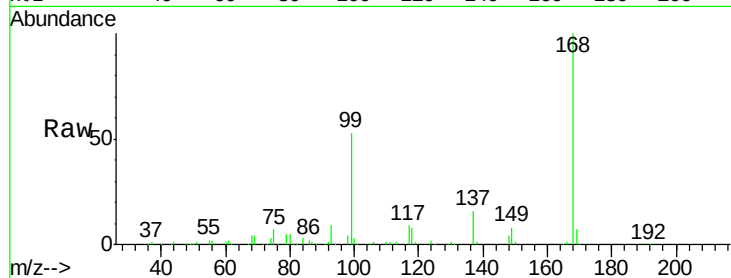
T3-S-C4-(2.5)

Tot Ion:168 Resp: 427605

Ion Ratio Lower Upper

168 100

99 53.0 42.3 63.5



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

Ion 98.90 (98.60 to 99.60): VU034018.D (-1185) (-)

4.96

200000

150000

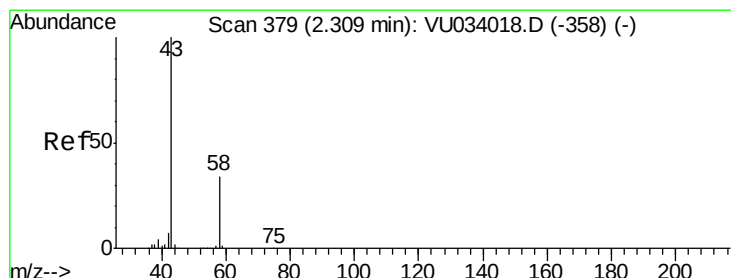
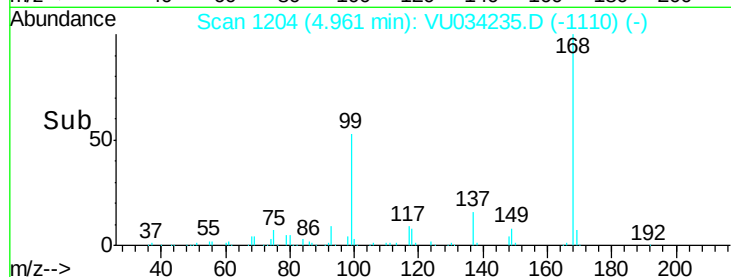
100000

50000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 4.277 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034235.D

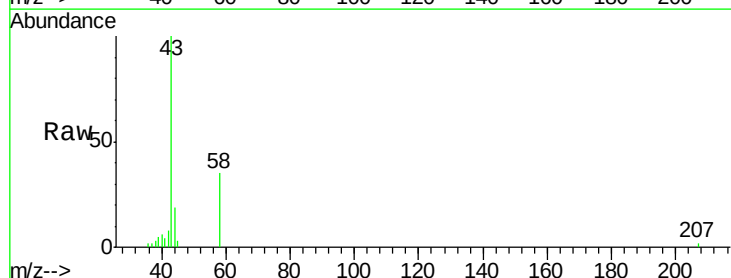
Acq: 03 Sep 2019 18:31

Tgt Ion: 43 Resp: 11958

Ion Ratio Lower Upper

43 100

58 35.6 26.8 40.2



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

Ion 58.00 (57.70 to 58.70): VU034018.D (-358) (-)

2.31

8000

6000

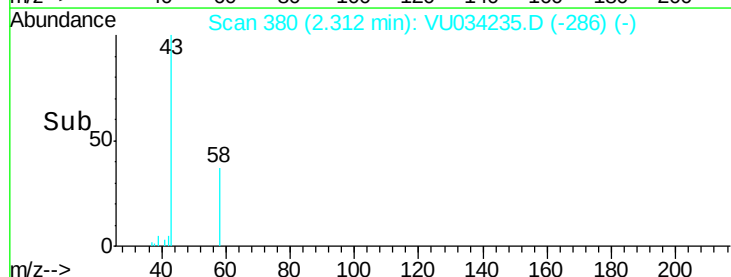
4000

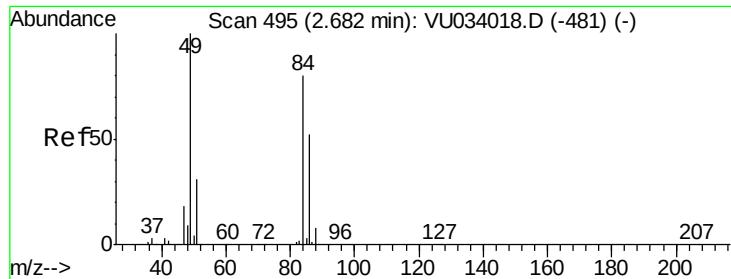
2000

0

2.25 2.30 2.35

Time-->

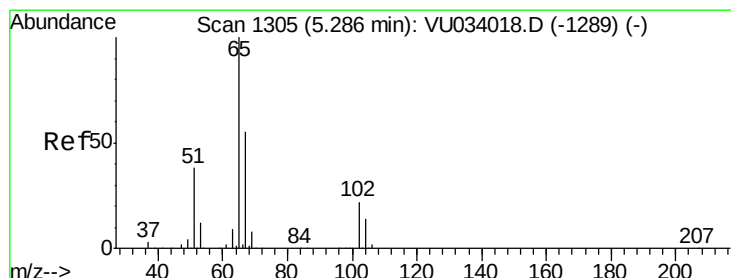
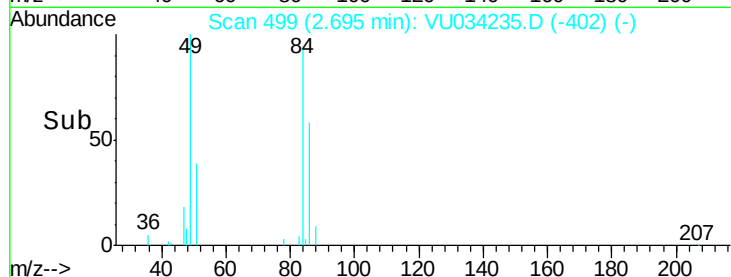
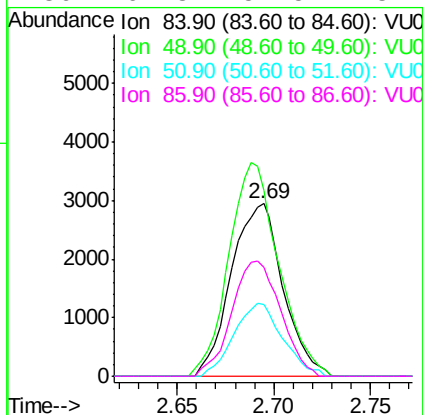
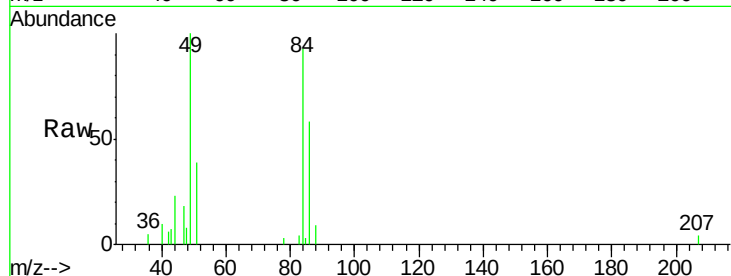




#20
Methylene Chloride
Concen: 1.034 ug/l
RT: 2.69 min Scan# 499
Delta R.T. 0.01 min
Lab File: VU034235.D
Acq: 03 Sep 2019 18:31

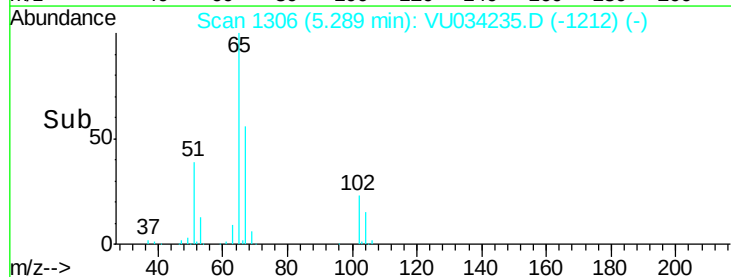
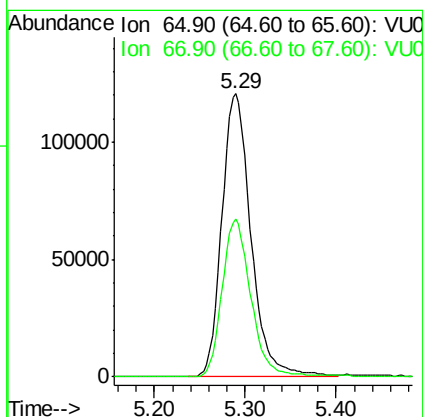
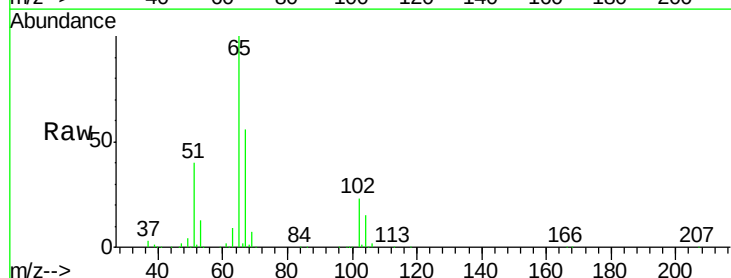
Instrument :
MSVOA_U
ClientSampleId :
T3-S-C4-(2.5)

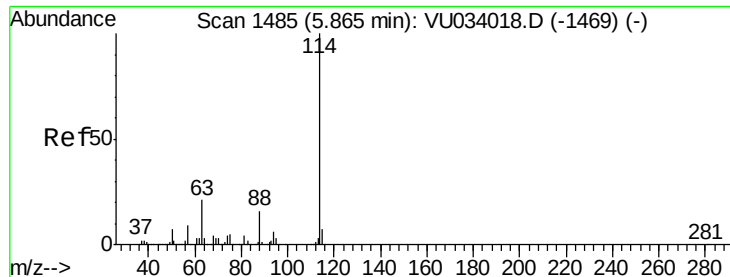
Tot Ion:	84	Resp:	5471
Ion	Ratio	Lower	Upper
84	100		
49	107.5	100.2	150.4
51	41.7	30.8	46.2
86	62.8	52.5	78.7



#33
1,2-Dichloroethane-d4
Concen: 49.097 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034235.D
Acq: 03 Sep 2019 18:31

Tgt Ion:	65	Resp:	269009
Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034235.D

Acq: 03 Sep 2019 18:31

Instrument :

MSVOA_U

ClientSampleId :

T3-S-C4-(2.5)

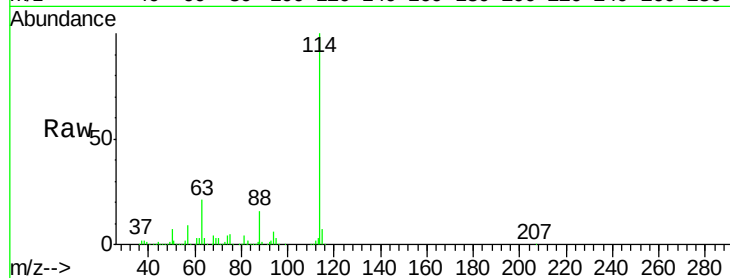
Tot Ion:114 Resp: 673117

Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.0

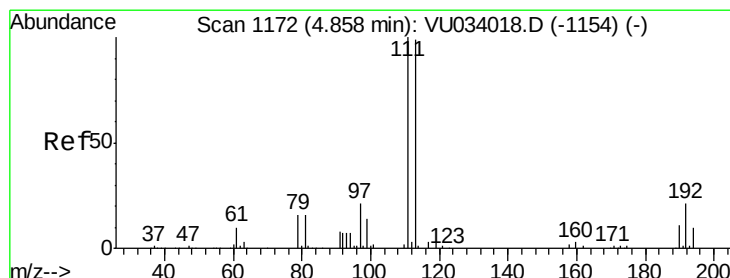
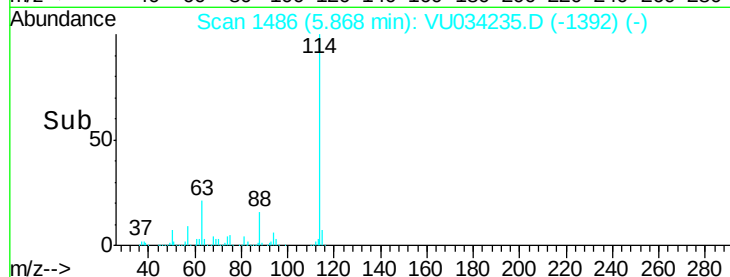
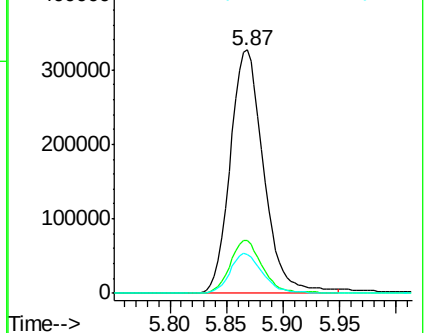
88 16.2 0.0 32.0



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: 48.150 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034235.D

Acq: 03 Sep 2019 18:31

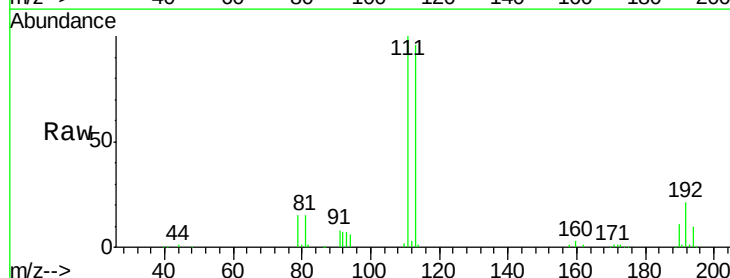
Tgt Ion:113 Resp: 224798

Ion Ratio Lower Upper

113 100

111 102.2 81.7 122.5

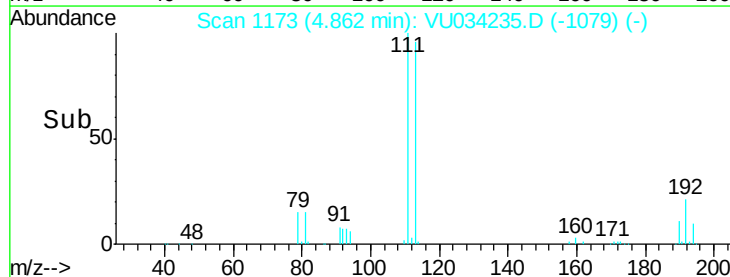
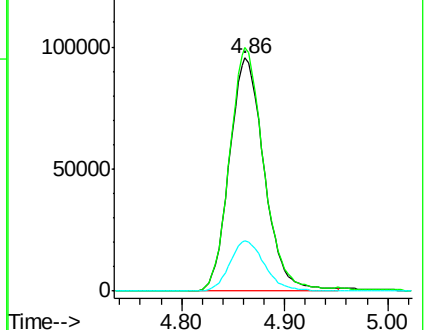
192 21.6 17.1 25.7

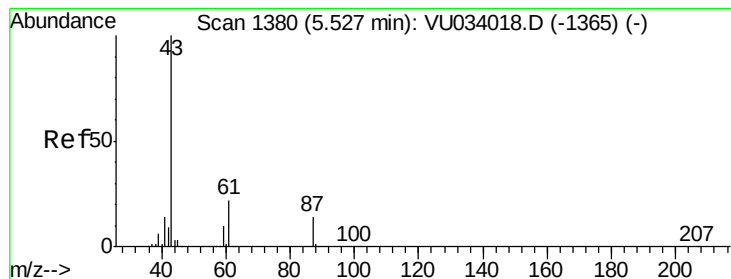


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 6.102 ug/l

RT: 5.53 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VU034235.D

Acq: 03 Sep 2019 18:31

Instrument :

MSVOA_U

ClientSampleId :

T3-S-C4-(2.5)

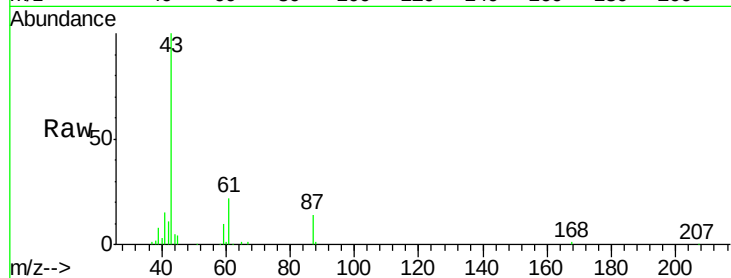
Tot Ion: 43 Resp: 66188

Ion Ratio Lower Upper

43 100

61 21.7 17.2 25.8

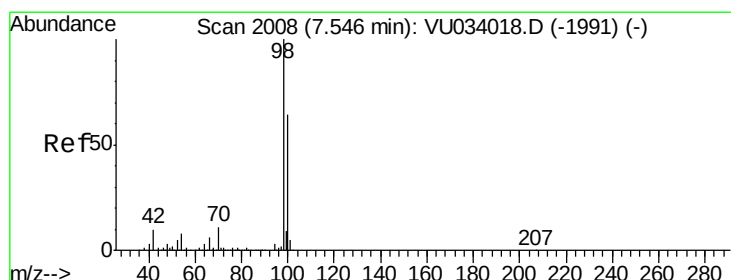
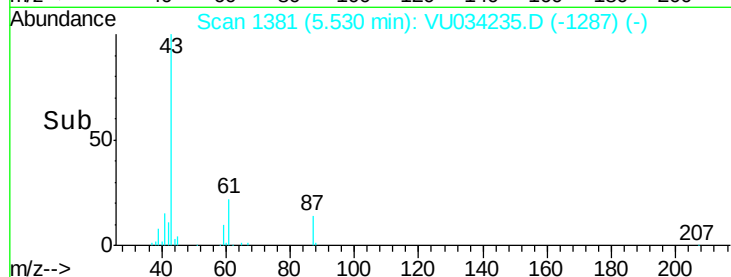
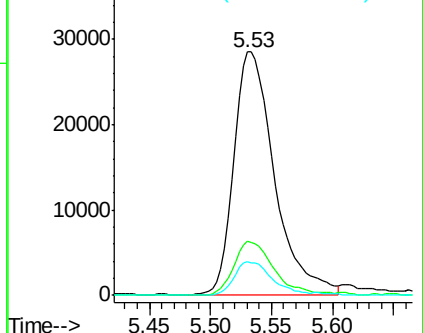
87 13.2 10.8 16.2



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: 51.290 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034235.D

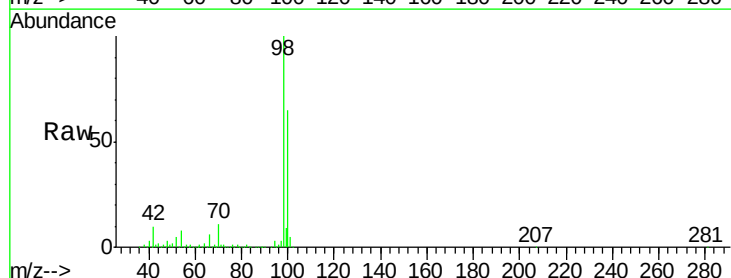
Acq: 03 Sep 2019 18:31

Tgt Ion: 98 Resp: 896623

Ion Ratio Lower Upper

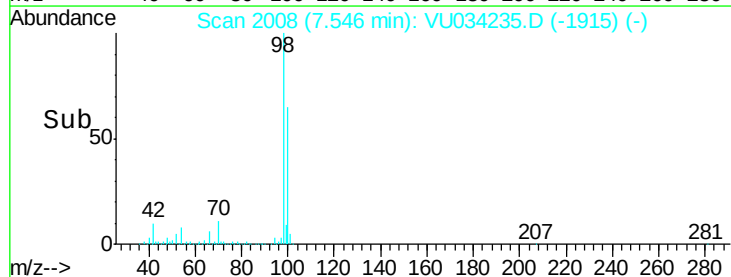
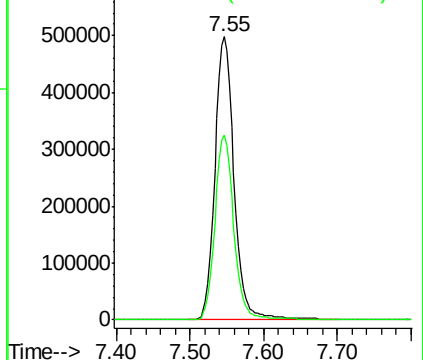
98 100

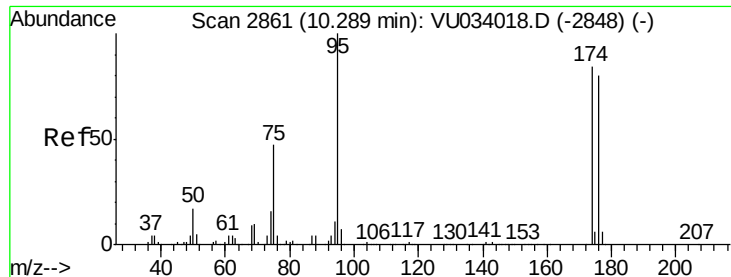
100 64.7 50.3 75.5



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: 45.978 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034235.D

Acq: 03 Sep 2019 18:31

Instrument :

MSVOA_U

ClientSampleId :

T3-S-C4-(2.5)

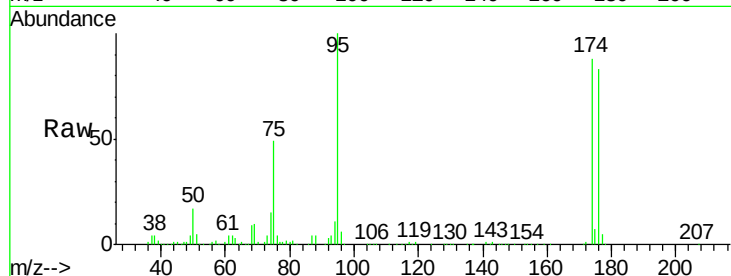
Tot Ion: 95 Resp: 312654

Ion Ratio Lower Upper

95 100

174 86.8 0.0 168.8

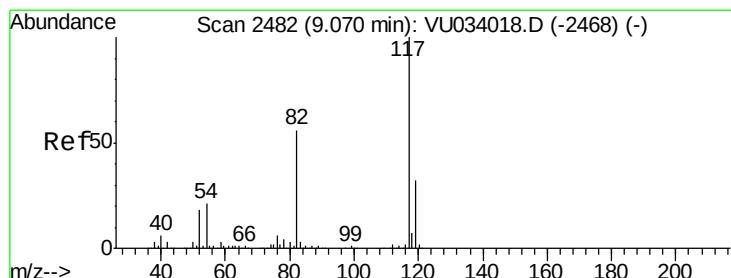
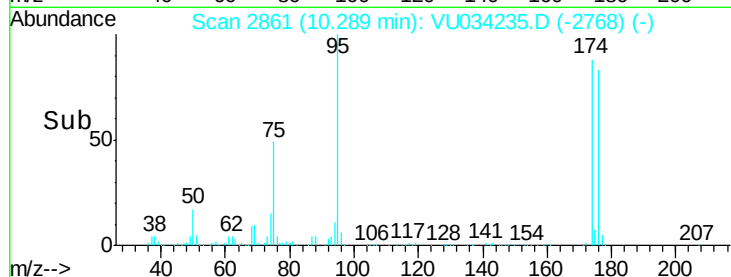
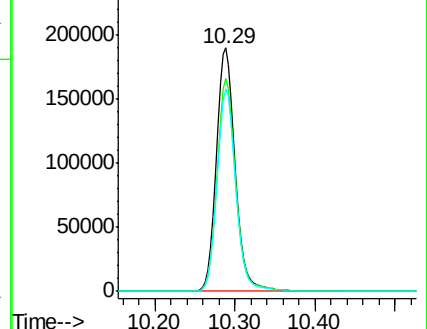
176 82.6 0.0 161.8



Abundance Ion 94.90 (94.60 to 95.60): VU034018.D (-2848) (-)

Ion 173.80 (173.50 to 174.50): VU034018.D (-2848) (-)

Ion 175.80 (175.50 to 176.50): VU034018.D (-2848) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. 0.00 min

Lab File: VU034235.D

Acq: 03 Sep 2019 18:31

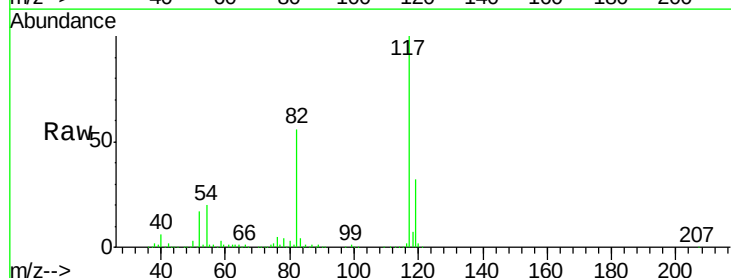
Tgt Ion: 117 Resp: 690429

Ion Ratio Lower Upper

117 100

82 55.6 45.1 67.7

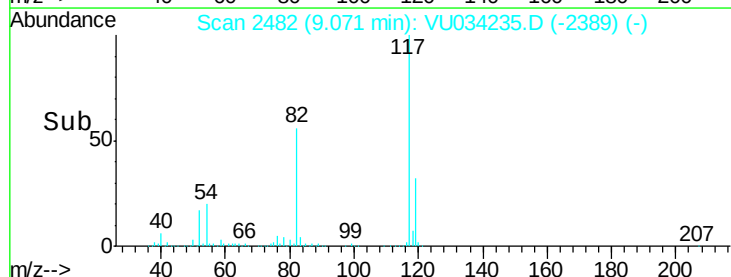
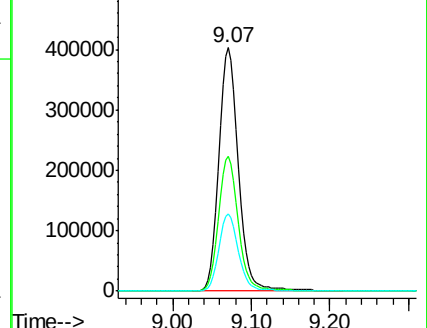
119 31.7 25.4 38.0

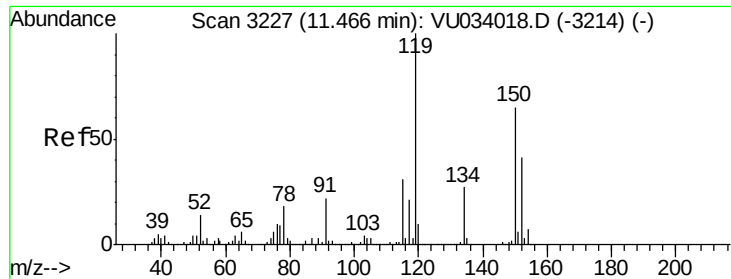


Abundance Ion 116.90 (116.60 to 117.60): VU034018.D (-2468) (-)

Ion 82.00 (81.70 to 82.70): VU034018.D (-2468) (-)

Ion 118.90 (118.60 to 119.60): VU034018.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: VU034235.D

Acq: 03 Sep 2019 18:31

Instrument :

MSVOA_U

ClientSampleId :

T3-S-C4-(2.5)

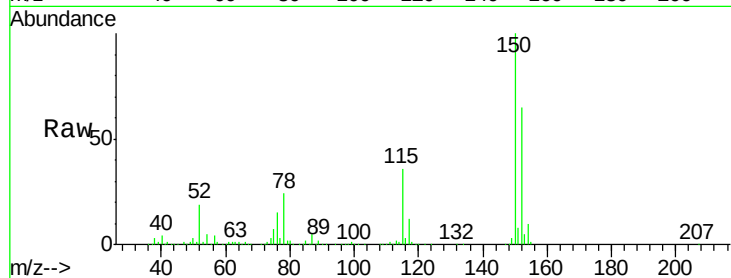
Tot Ion:152 Resp: 339903

Ion Ratio Lower Upper

152 100

115 56.8 41.1 123.3

150 155.8 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

