

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090219\
 Data File : VU034162.D
 Acq On : 01 Sep 2019 12:37
 Operator : JC/SP
 Sample : K4648-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FIELD-BLANK

Quant Time: Sep 02 08:47:13 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

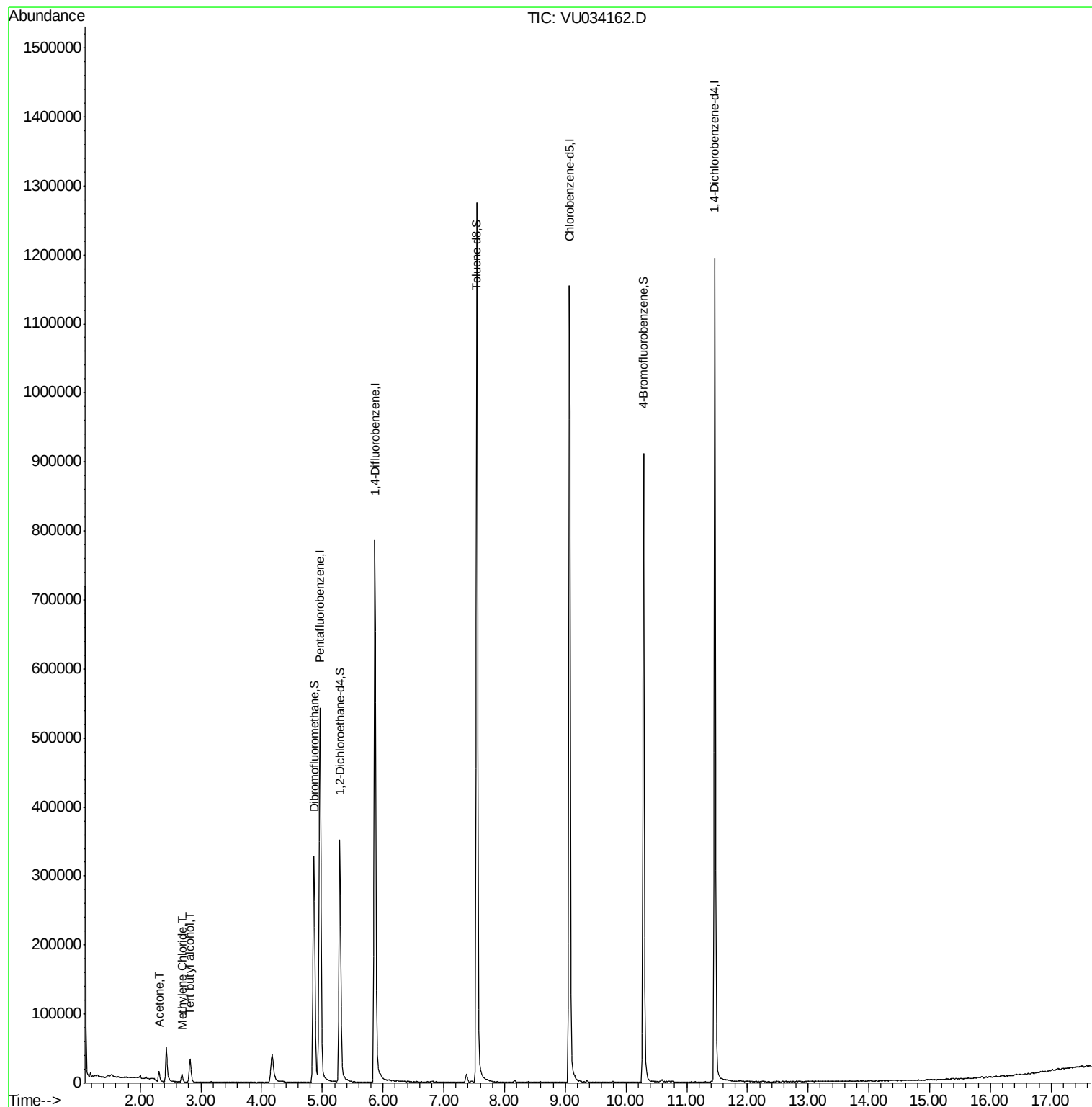
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	440107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	710088	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	676829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	335908	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	280729	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
35) Dibromofluoromethane	4.86	113	231315	46.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.94%	
50) Toluene-d8	7.55	98	889826	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.50%	
62) 4-Bromofluorobenzene	10.29	95	311361	43.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.80%	
Target Compounds						
11) Tert butyl alcohol	2.82	59	21039	16.178	ug/l #	78
16) Acetone	2.31	43	15700	5.456	ug/l	98
20) Methylene Chloride	2.69	84	4922	0.904	ug/l	92

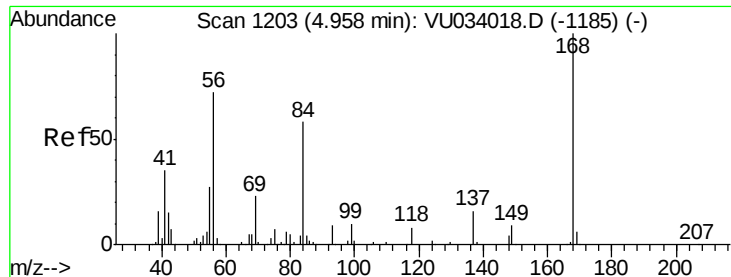
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
FIELD-BLANK

Quant Time: Sep 02 08:47:13 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: VU034162.D

Acq: 01 Sep 2019 12:37

Instrument :

MSVOA_U

ClientSampleId :

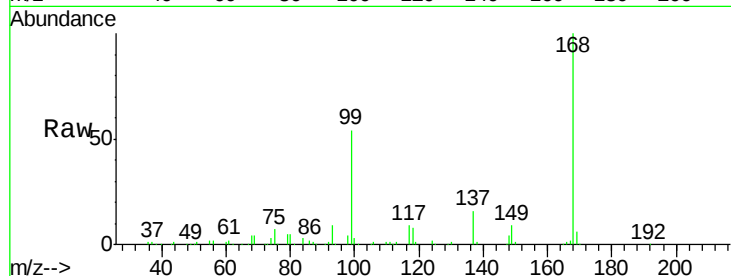
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Tot Ion:168 Resp: 440107

Ion Ratio Lower Upper

168 100

99 54.3 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034162.D (-1110) (-)

Ion 98.90 (98.60 to 99.60): VU034162.D (-1110) (-)

4.96

200000

150000

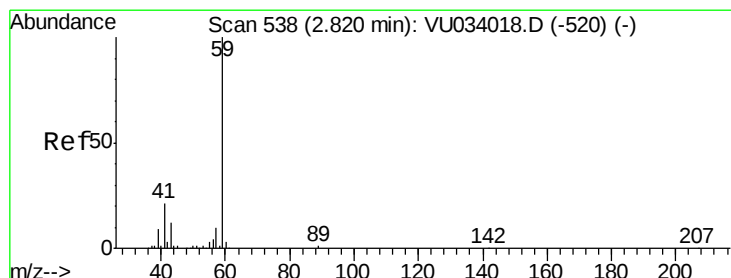
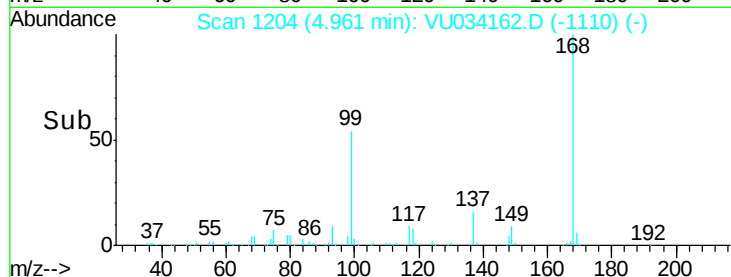
100000

50000

0

4.90 5.00 5.10

Time-->



#11

Tert butyl alcohol

Concen: 16.178 ug/l

RT: 2.82 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU034162.D

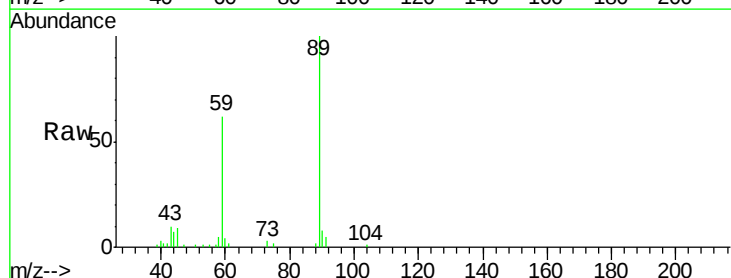
Acq: 01 Sep 2019 12:37

Tgt Ion: 59 Resp: 21039

Ion Ratio Lower Upper

59 100

57 1.9 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VU034162.D (-445) (-)

Ion 57.00 (56.70 to 57.70): VU034162.D (-445) (-)

2.82

10000

8000

6000

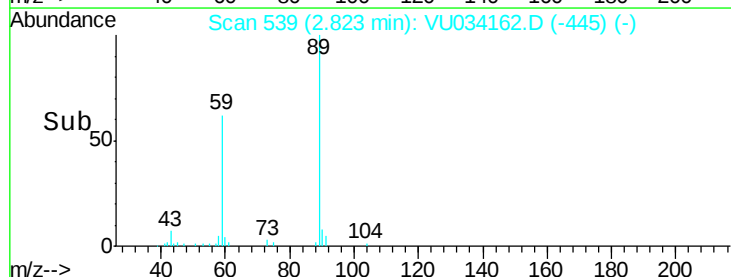
4000

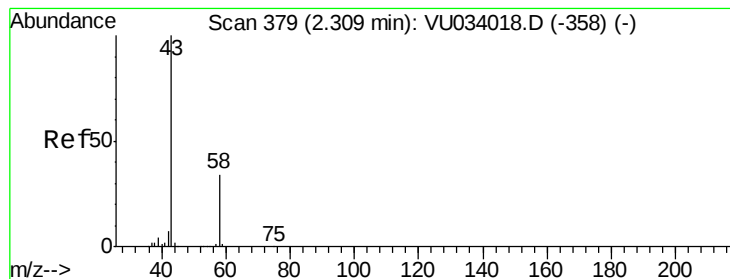
2000

0

2.75 2.80 2.85 2.90

Time-->





#16

Acetone

Concen: 5.456 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034162.D

Acq: 01 Sep 2019 12:37

Instrument :

MSVOA_U

ClientSampleId :

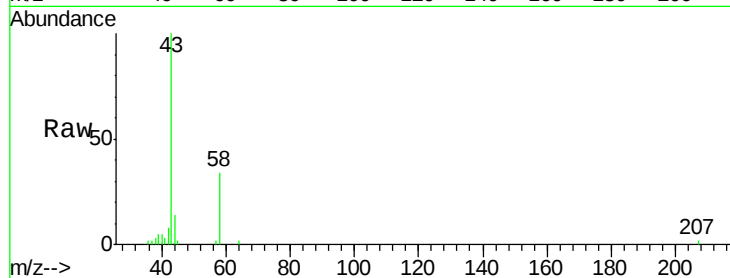
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Tot Ion: 43 Resp: 15700

Ion Ratio Lower Upper

43 100

58 34.7 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

10000

8000

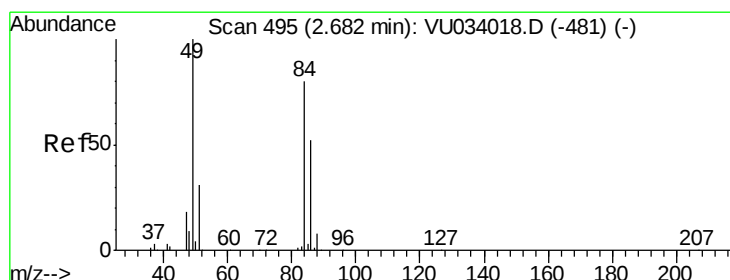
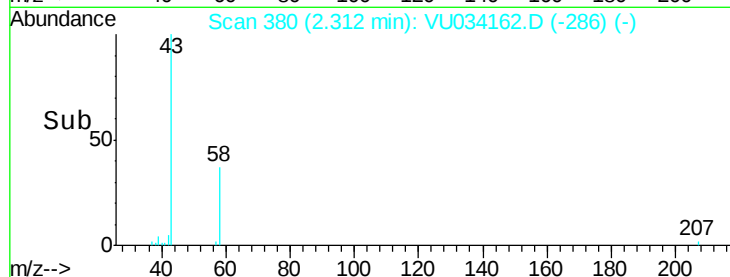
6000

4000

2000

0

Time-->



#20

Methylene Chloride

Concen: 0.904 ug/l

RT: 2.69 min Scan# 497

Delta R.T. 0.01 min

Lab File: VU034162.D

Acq: 01 Sep 2019 12:37

Tgt Ion: 84 Resp: 4922

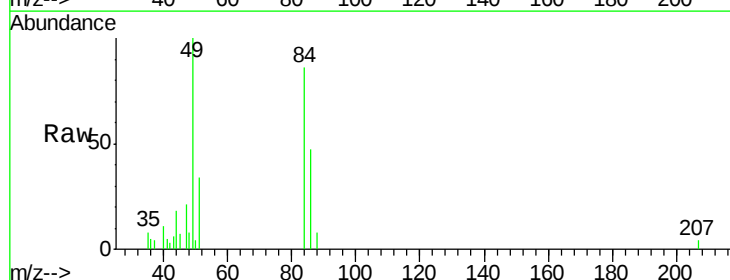
Ion Ratio Lower Upper

84 100

49 116.8 100.2 150.4

51 39.5 30.8 46.2

86 54.5 52.5 78.7



Abundance Ion 83.90 (83.60 to 84.60): VU034018.D (-481) (-)

Ion 48.90 (48.60 to 49.60): VU034018.D (-481) (-)

Ion 50.90 (50.60 to 51.60): VU034018.D (-481) (-)

Ion 85.90 (85.60 to 86.60): VU034018.D (-481) (-)

5000

4000

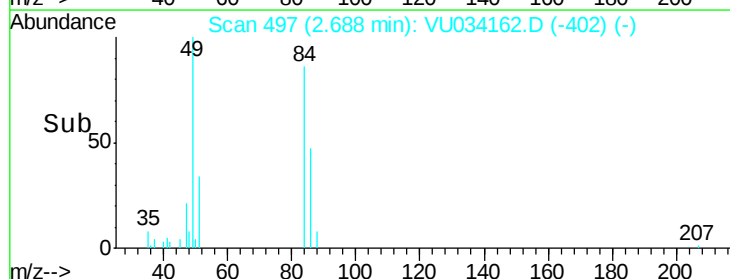
3000

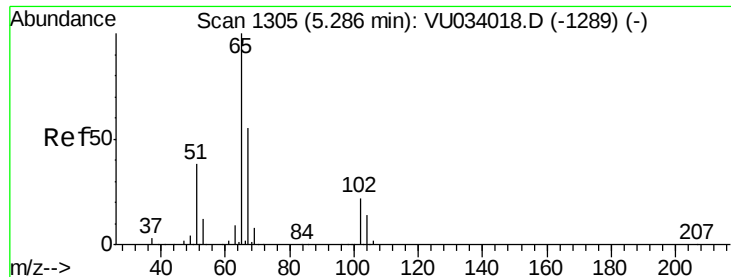
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 49.781 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034162.D

Acq: 01 Sep 2019 12:37

Instrument :

MSVOA_U

ClientSampled :

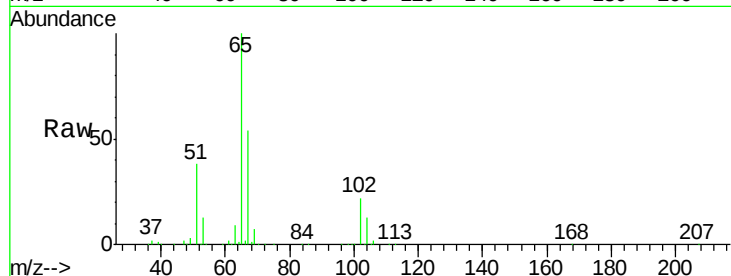
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Tot Ion: 65 Resp: 280729

Ion Ratio Lower Upper

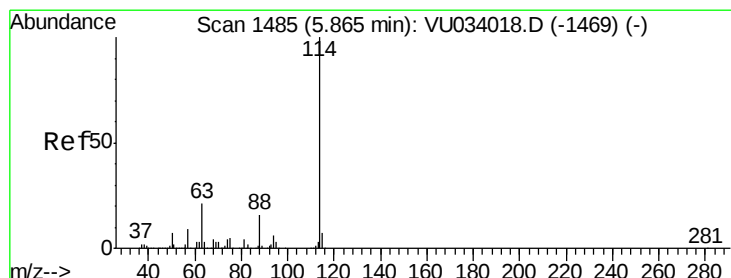
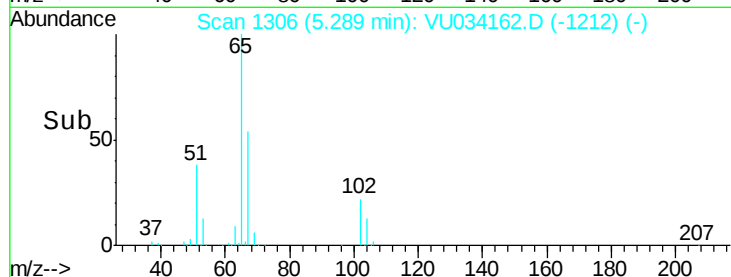
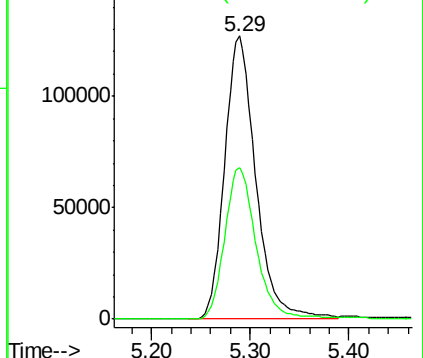
65 100

67 53.6 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU034162.D (-1212) (-)

Ion 66.90 (66.60 to 67.60): VU034162.D (-1212) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034162.D

Acq: 01 Sep 2019 12:37

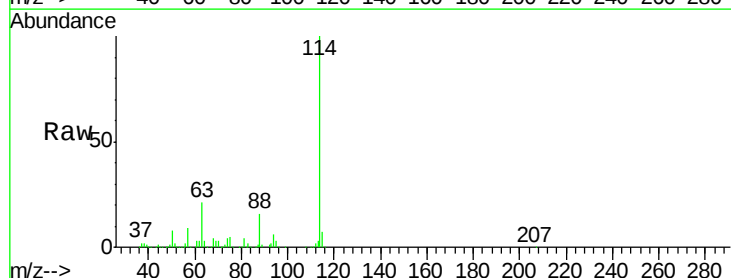
Tgt Ion: 114 Resp: 710088

Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.0

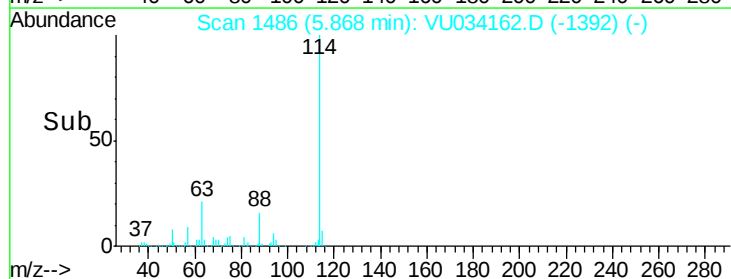
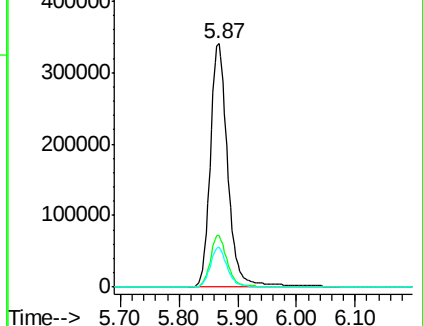
88 16.2 0.0 32.0

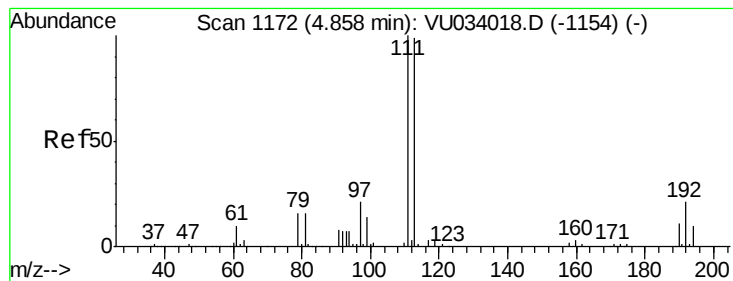


Abundance Ion 113.90 (113.60 to 114.60): VU034162.D (-1392) (-)

Ion 63.00 (62.70 to 63.70): VU034162.D (-1392) (-)

Ion 87.90 (87.60 to 88.60): VU034162.D (-1392) (-)





#35

Dibromofluoromethane

Concen: 46.966 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034162.D

Acq: 01 Sep 2019 12:37

Instrument :

MSVOA_U

ClientSampleId :

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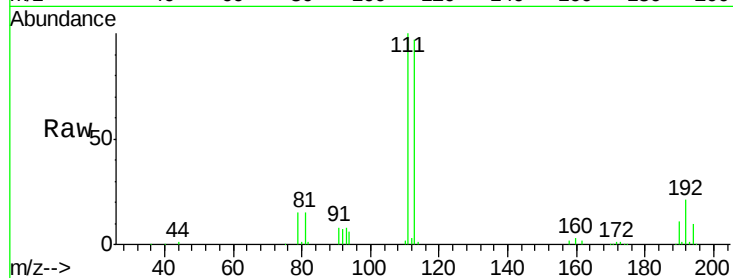
Tot Ion:113 Resp: 231315

Ion Ratio Lower Upper

113 100

111 103.6 81.7 122.5

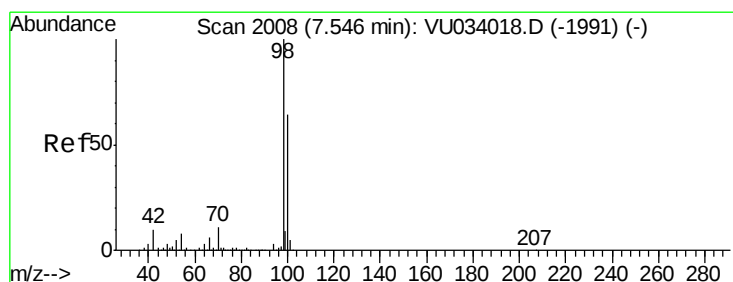
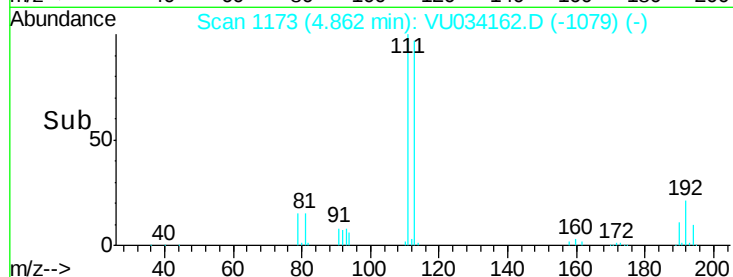
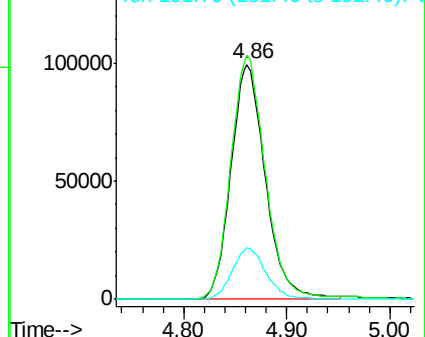
192 21.6 17.1 25.7



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



#50

Toluene-d8

Concen: 48.251 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VU034162.D

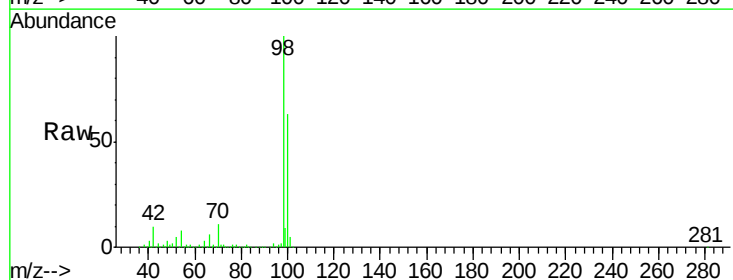
Acq: 01 Sep 2019 12:37

Tgt Ion: 98 Resp: 889826

Ion Ratio Lower Upper

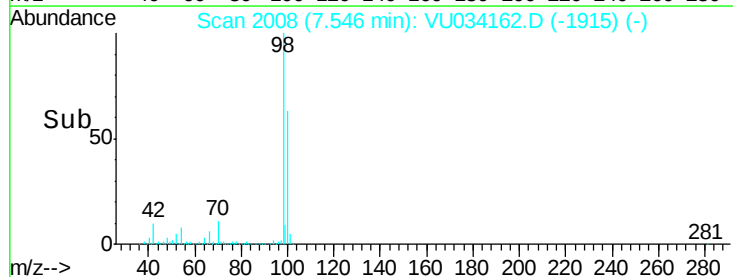
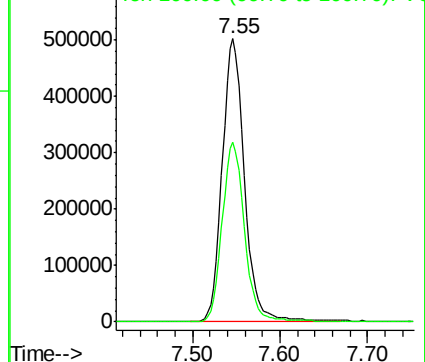
98 100

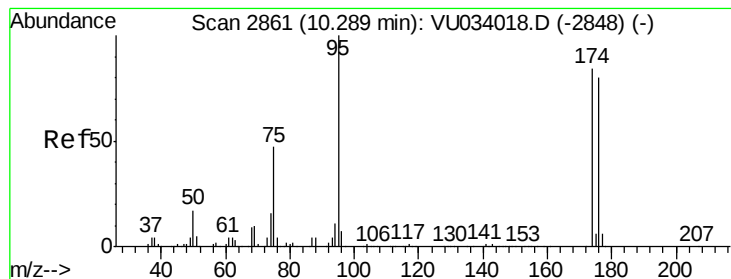
100 64.3 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU





#62

4-Bromofluorobenzene

Concen: 43.404 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.00 min

Lab File: VU034162.D

Acq: 01 Sep 2019 12:37

Instrument :

MSVOA_U

ClientSampleId :

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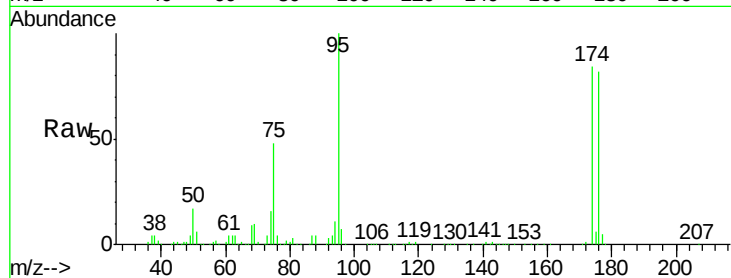
Tot Ion: 95 Resp: 311361

Ion Ratio Lower Upper

95 100

174 85.3 0.0 168.8

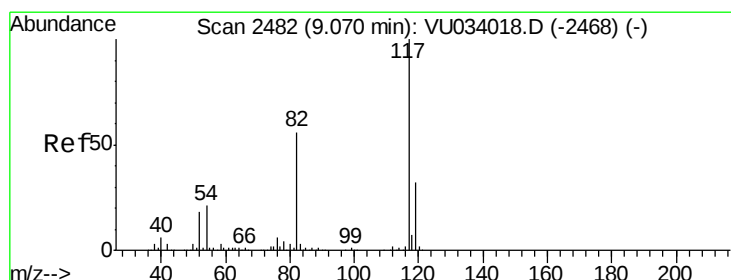
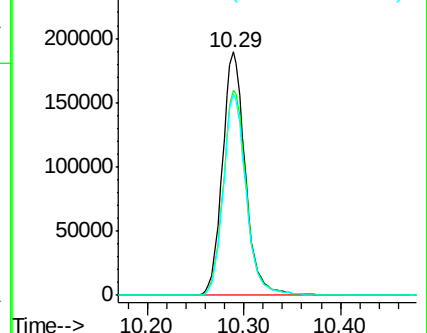
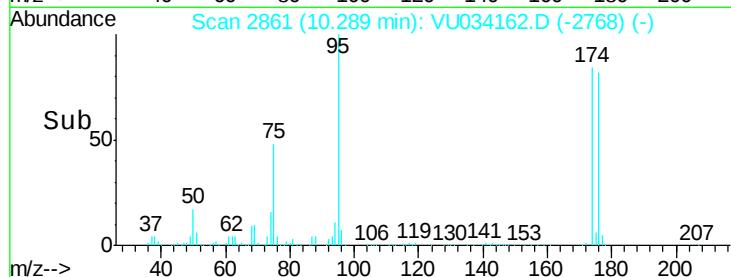
176 81.9 0.0 161.8



Abundance Ion 94.90 (94.60 to 95.60): VU034162.D (-2768) (-)

Ion 173.80 (173.50 to 174.50): VU034162.D (-2768) (-)

Ion 175.80 (175.50 to 176.50): VU034162.D (-2768) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. -0.00 min

Lab File: VU034162.D

Acq: 01 Sep 2019 12:37

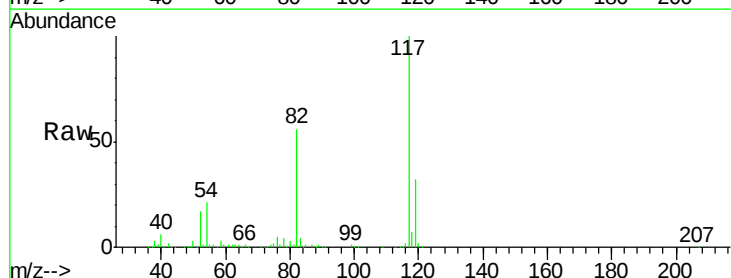
Tgt Ion: 117 Resp: 676829

Ion Ratio Lower Upper

117 100

82 56.4 45.1 67.7

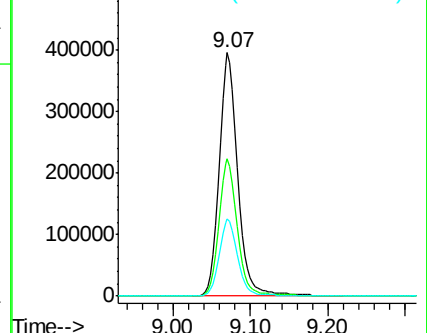
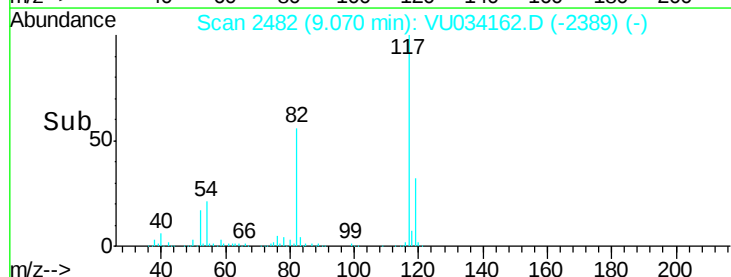
119 31.8 25.4 38.0

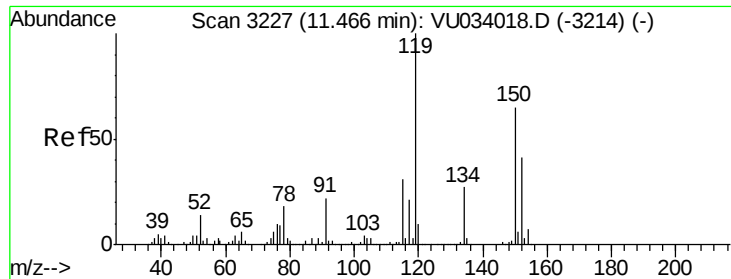


Abundance Ion 116.90 (116.60 to 117.60): VU034162.D (-2389) (-)

Ion 82.00 (81.70 to 82.70): VU034162.D (-2389) (-)

Ion 118.90 (118.60 to 119.60): VU034162.D (-2389) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. -0.00 min

Lab File: VU034162.D

Acq: 01 Sep 2019 12:37

Instrument :

MSVOA_U

ClientSampleId :

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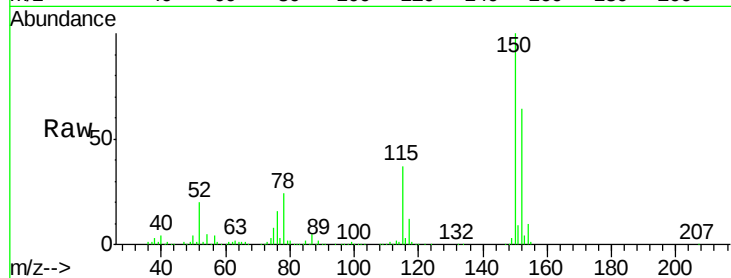
Tot Ion:152 Resp: 335908

Ion Ratio Lower Upper

152 100

115 57.1 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

