

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090519\
 Data File : VU034262.D
 Acq On : 04 Sep 2019 16:54
 Operator : JC/SP
 Sample : K4547-33
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T7-S-G2-(0)

Quant Time: Sep 05 05:01:38 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

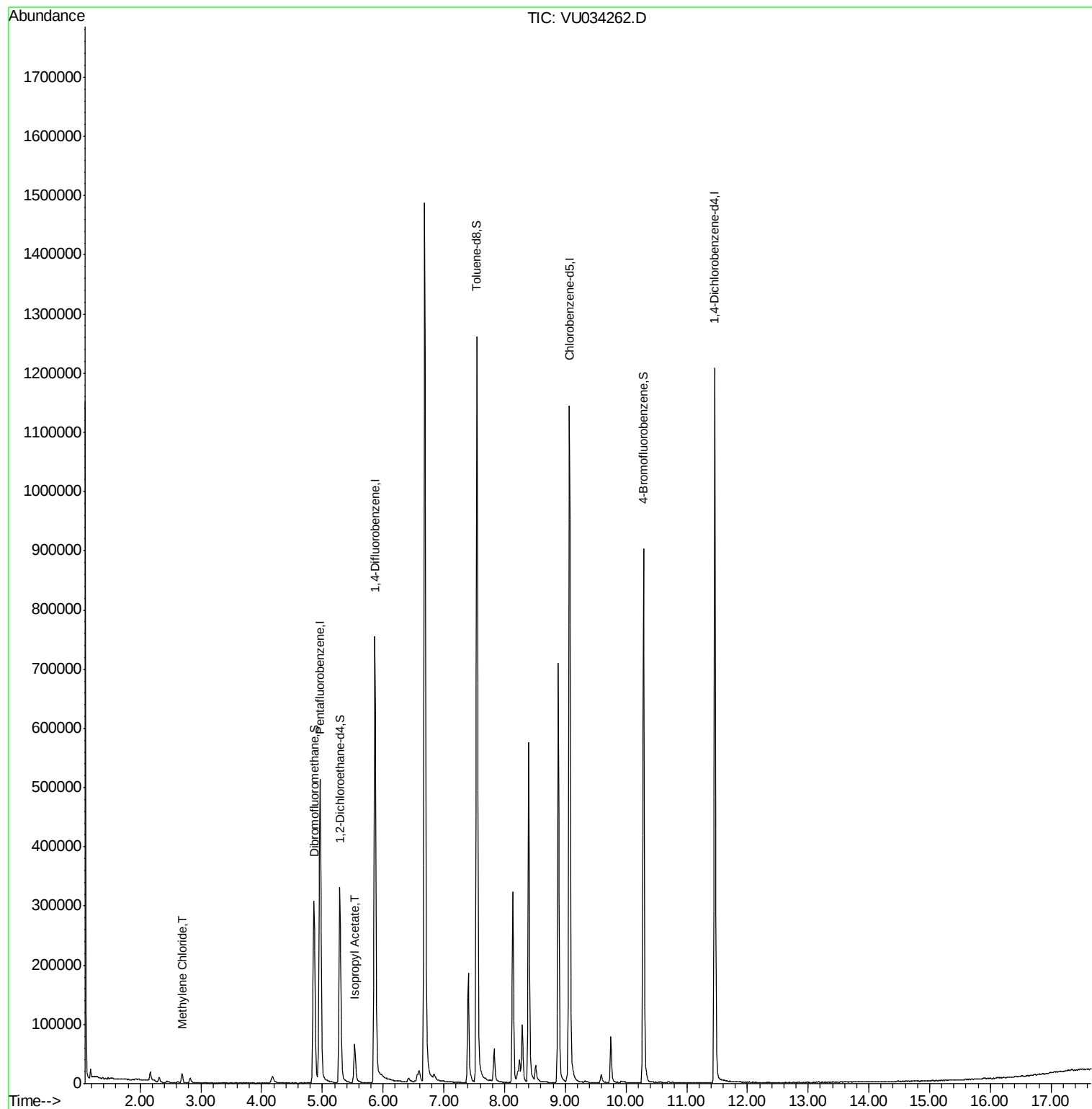
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	419808	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	665302	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	684379	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	332144	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	260928	48.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.02%	
35) Dibromofluoromethane	4.86	113	225638	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	
50) Toluene-d8	7.55	98	888563	51.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.86%	
62) 4-Bromofluorobenzene	10.29	95	306862	45.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.32%	
Target Compounds						
20) Methylene Chloride	2.69	84	7326	1.410	ug/l	93
43) Isopropyl Acetate	5.53	43	78668	7.338	ug/l	97

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

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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# 1205

Delta R.T. 0.01 min

Lab File: VU034262.D

Acq: 04 Sep 2019 16:54

Instrument :

MSVOA_U

ClientSampled :

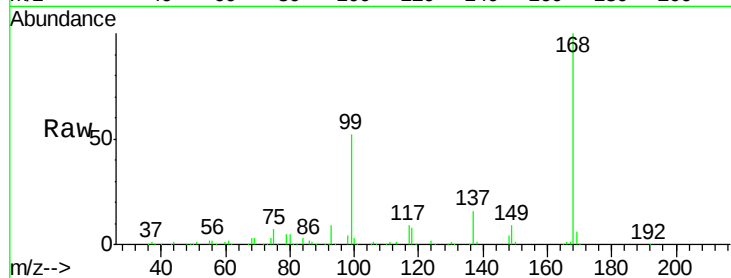
T7-S-G2-(0)

Tot Ion:168 Resp: 419808

Ion Ratio Lower Upper

168 100

99 52.2 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

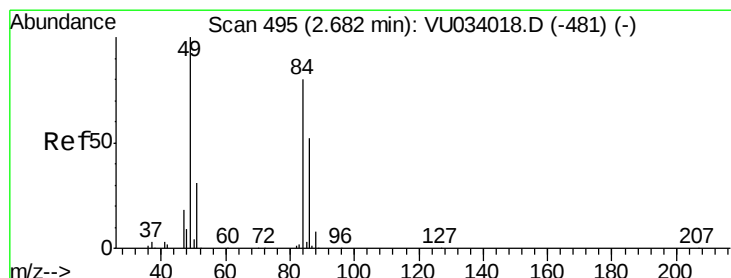
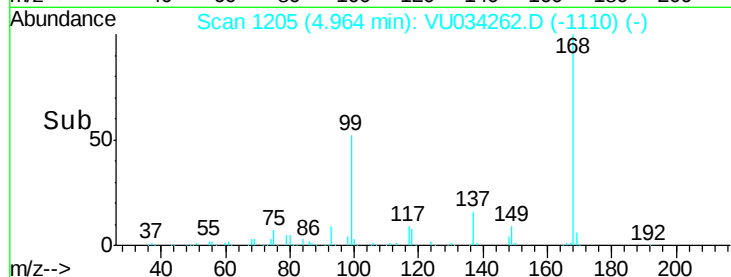
100000

50000

0

4.90 5.00 5.10

Time-->



#20

Methylene Chloride

Concen: 1.410 ug/l

RT: 2.69 min Scan# 497

Delta R.T. 0.01 min

Lab File: VU034262.D

Acq: 04 Sep 2019 16:54

Tgt Ion: 84 Resp: 7326

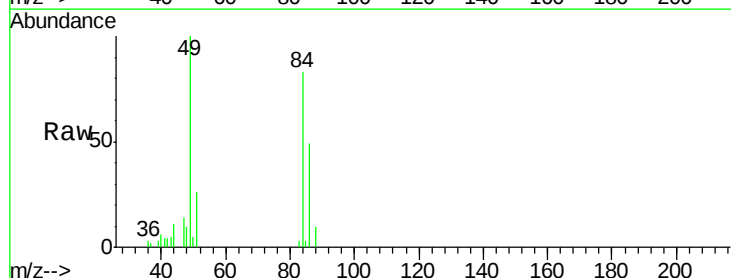
Ion Ratio Lower Upper

84 100

49 120.3 100.2 150.4

51 30.9 30.8 46.2

86 58.6 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) (-)

2.69

8000

6000

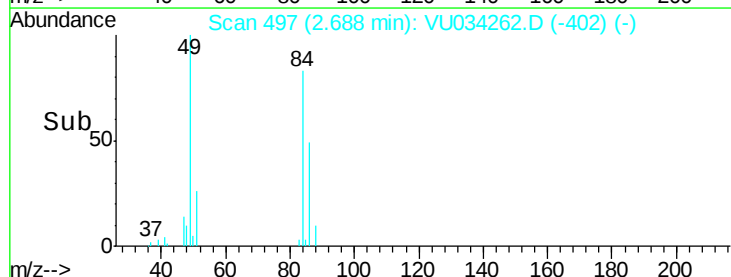
4000

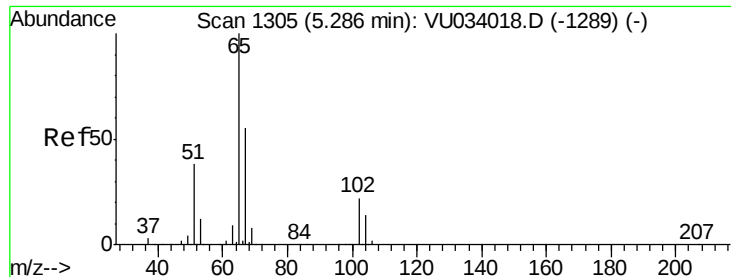
2000

0

2.65 2.70 2.75

Time-->





#33

1,2-Dichloroethane-d4

Concen: 48.507 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034262.D

Acq: 04 Sep 2019 16:54

Instrument :

MSVOA_U

ClientSampleId :

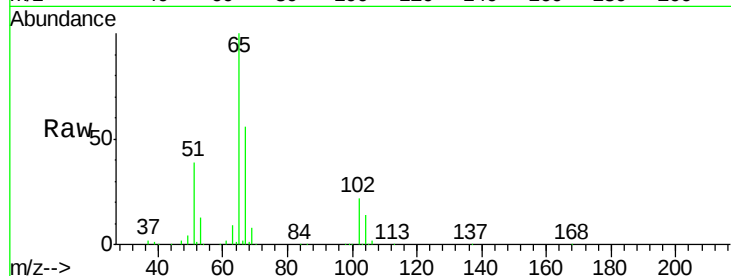
T7-S-G2-(0)

Tot Ion: 65 Resp: 260928

Ion Ratio Lower Upper

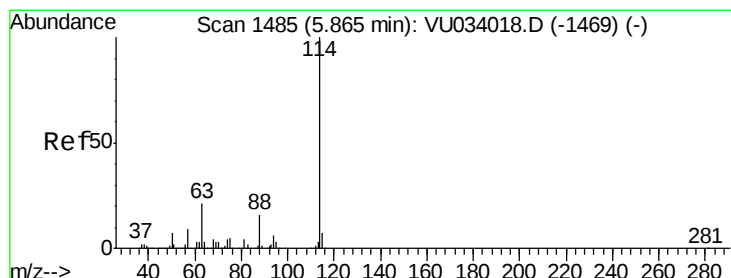
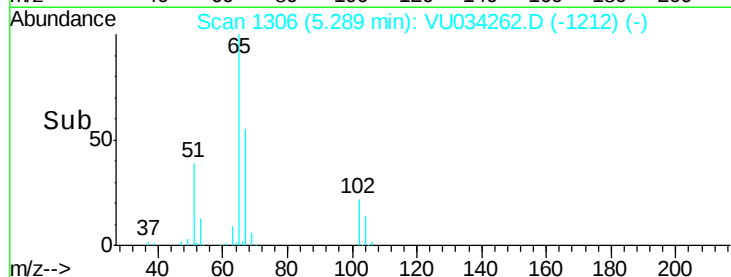
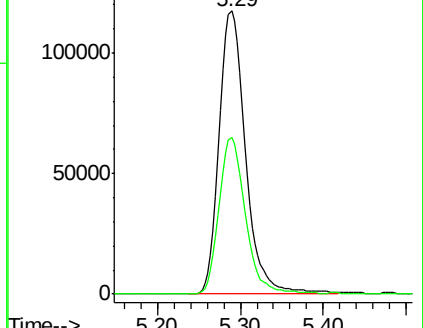
65 100

67 55.2 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU034018.D (-1289) (-)

Ion 66.90 (66.60 to 67.60): VU034018.D (-1289) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034262.D

Acq: 04 Sep 2019 16:54

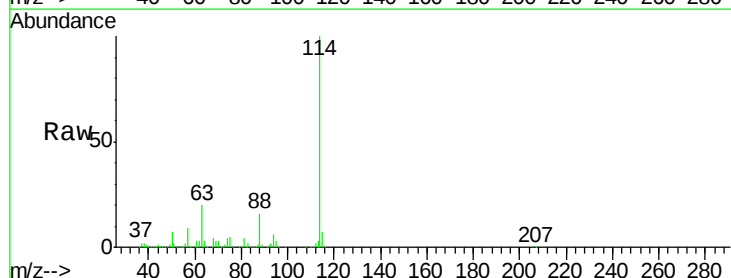
Tgt Ion: 114 Resp: 665302

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.0

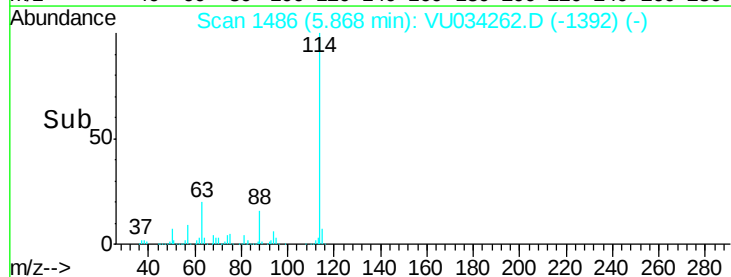
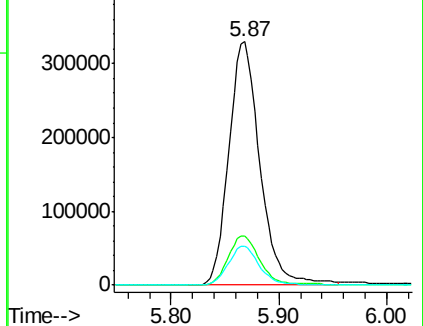
88 16.2 0.0 32.0

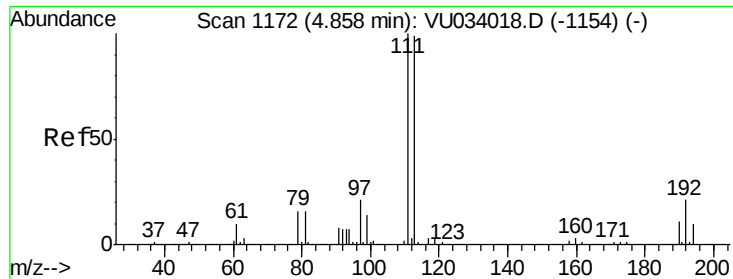


Abundance Ion 113.90 (113.60 to 114.60): VU034018.D (-1469) (-)

Ion 63.00 (62.70 to 63.70): VU034018.D (-1469) (-)

Ion 87.90 (87.60 to 88.60): VU034018.D (-1469) (-)

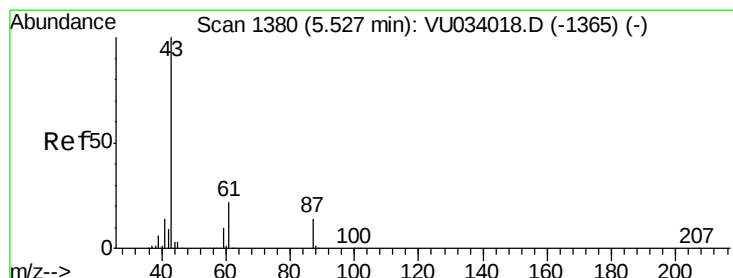
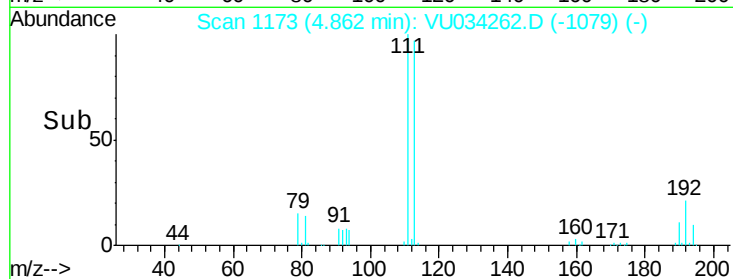
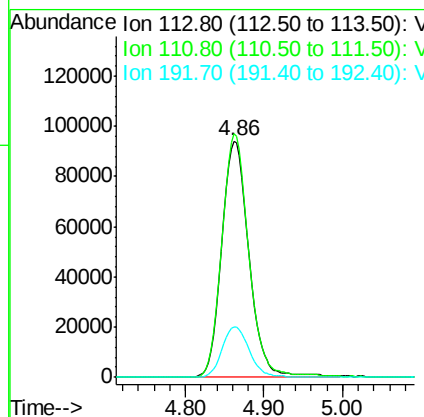
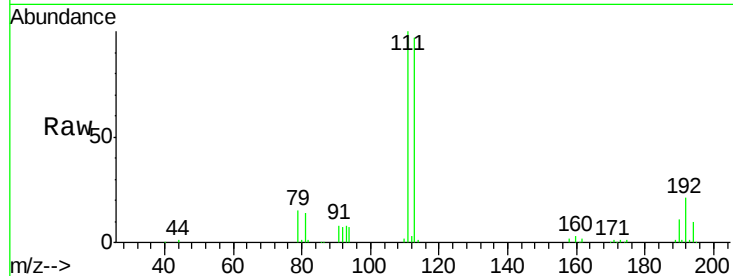




#35
 Dibromofluoromethane
 Concen: 48.898 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034262.D
 Acq: 04 Sep 2019 16:54

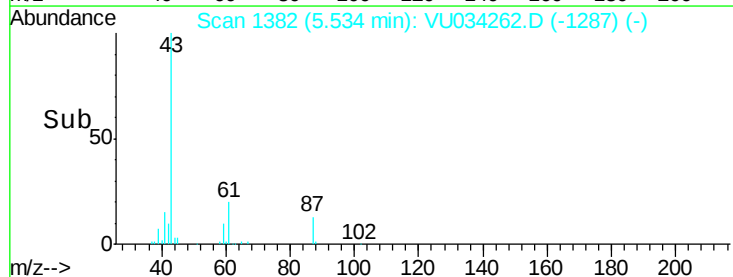
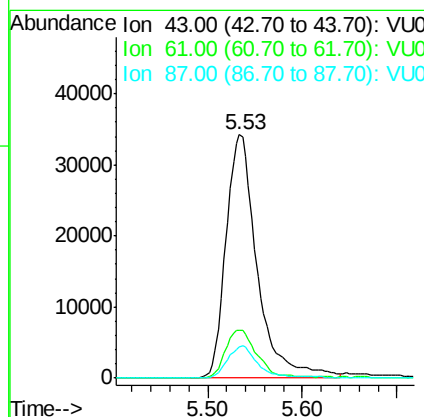
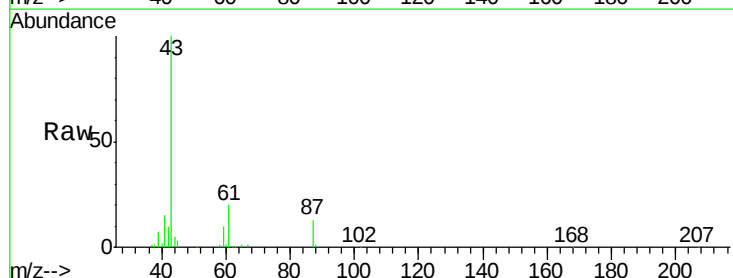
Instrument :
 MSVOA_U
 ClientSampleId :
 T7-S-G2-(0)

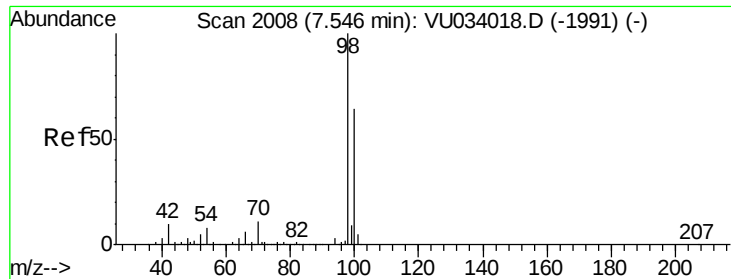
Tot Ion:113 Resp: 225638
 Ion Ratio Lower Upper
 113 100
 111 100.6 81.7 122.5
 192 21.5 17.1 25.7



#43
 Isopropyl Acetate
 Concen: 7.338 ug/l
 RT: 5.53 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: VU034262.D
 Acq: 04 Sep 2019 16:54

Tgt Ion: 43 Resp: 78668
 Ion Ratio Lower Upper
 43 100
 61 20.1 17.2 25.8
 87 12.6 10.8 16.2





#50

Toluene-d8

Concen: 51.426 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VU034262.D

Acq: 04 Sep 2019 16:54

Instrument :

MSVOA_U

ClientSampled :

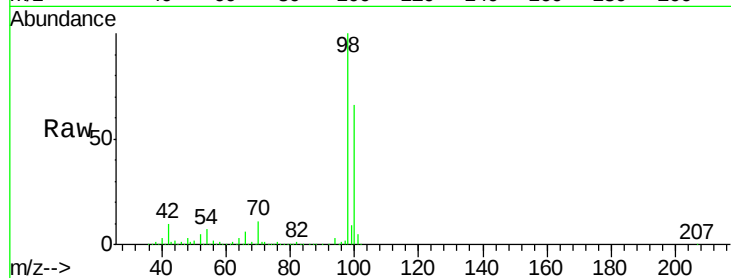
T7-S-G2-(0)

Tot Ion: 98 Resp: 888563

Ion Ratio Lower Upper

98 100

100 64.8 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) (-)

7.55

500000

400000

300000

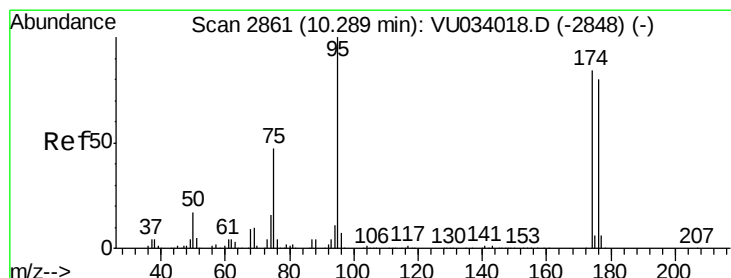
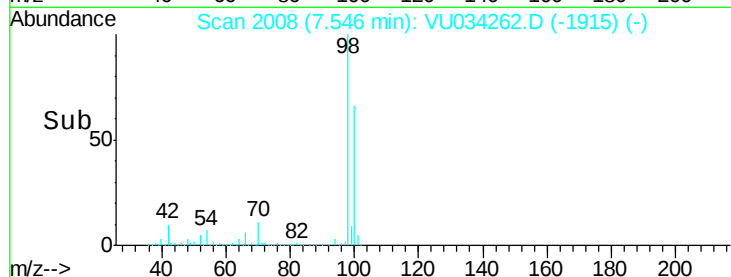
200000

100000

0

7.40 7.50 7.60 7.70 7.80

Time-->



#62

4-Bromofluorobenzene

Concen: 45.657 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.00 min

Lab File: VU034262.D

Acq: 04 Sep 2019 16:54

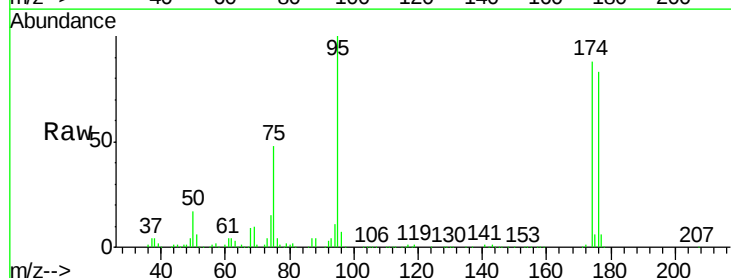
Tgt Ion: 95 Resp: 306862

Ion Ratio Lower Upper

95 100

174 88.0 0.0 168.8

176 83.5 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) (-)

10.29

250000

200000

150000

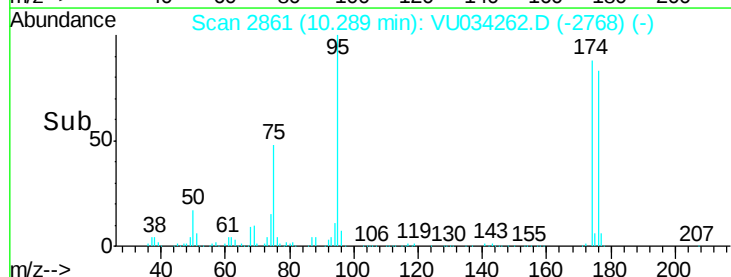
100000

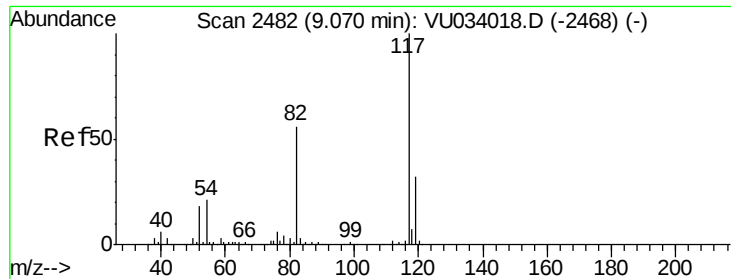
50000

0

10.20 10.30 10.40

Time-->

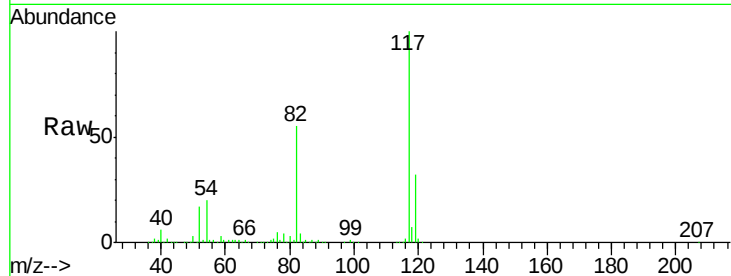




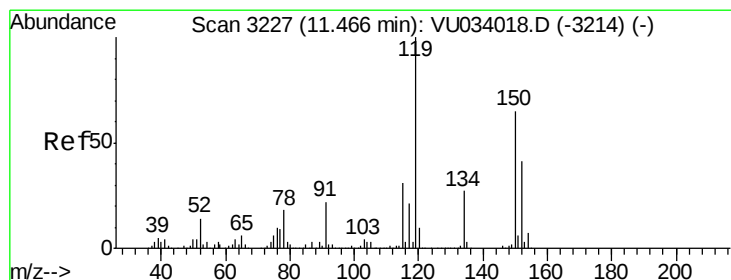
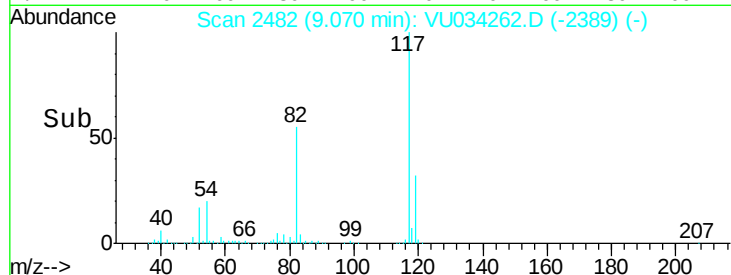
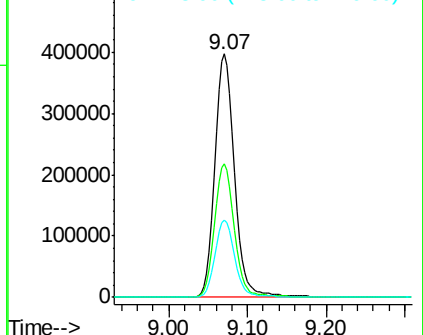
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU034262.D
Acq: 04 Sep 2019 16:54

Instrument :
MSVOA_U
ClientSampleId :
T7-S-G2-(0)

Tot Ion:117 Resp: 684379
Ion Ratio Lower Upper
117 100
82 55.0 45.1 67.7
119 32.0 25.4 38.0

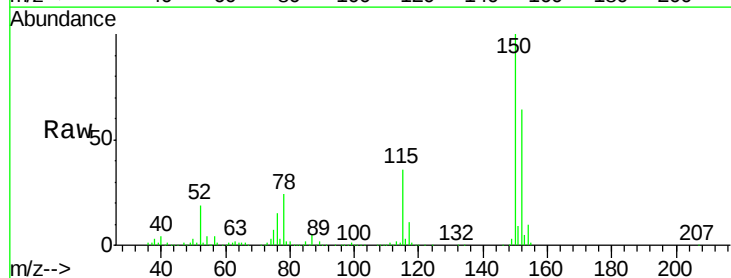


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VU034262.D
Acq: 04 Sep 2019 16:54

Tgt Ion:152 Resp: 332144
Ion Ratio Lower Upper
152 100
115 56.6 41.1 123.3
150 157.9 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

