

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090219\
 Data File : VU034181.D
 Acq On : 01 Sep 2019 19:58
 Operator : JC/SP
 Sample : K4527-32
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T9-12-13-N3-(1.9)

Quant Time: Sep 02 09:11:48 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

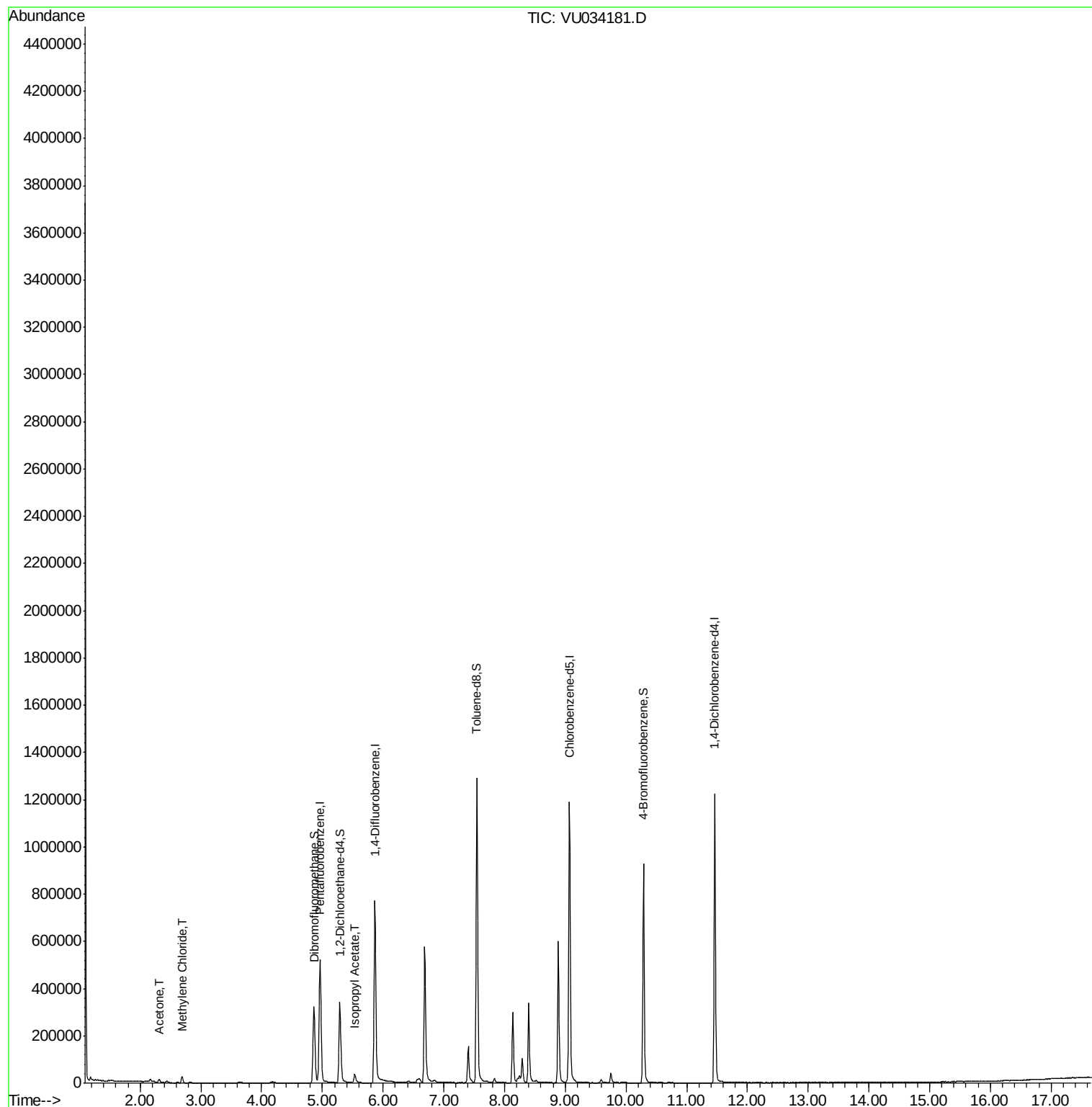
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	420472	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	693312	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	701743	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	339558	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	276342	51.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.58%	
35) Dibromofluoromethane	4.86	113	232853	48.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.84%	
50) Toluene-d8	7.55	98	906363	50.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.68%	
62) 4-Bromofluorobenzene	10.29	95	319544	45.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.24%	
Target Compounds						
16) Acetone	2.31	43	14949	5.438	ug/l	100
20) Methylene Chloride	2.69	84	12094	2.324	ug/l	95
43) Isopropyl Acetate	5.53	43	46258	4.140	ug/l	98

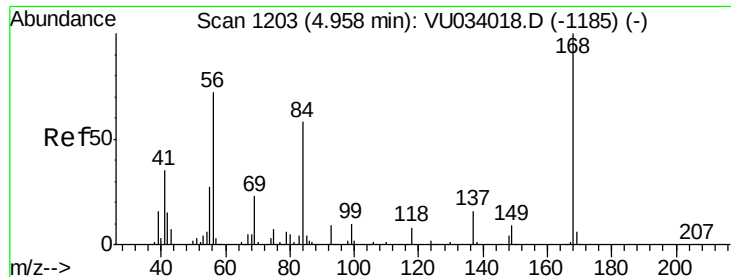
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1204

Delta R.T. 0.00 min

Lab File: VU034181.D

Acq: 01 Sep 2019 19:58

Instrument :

MSVOA_U

ClientSampleId :

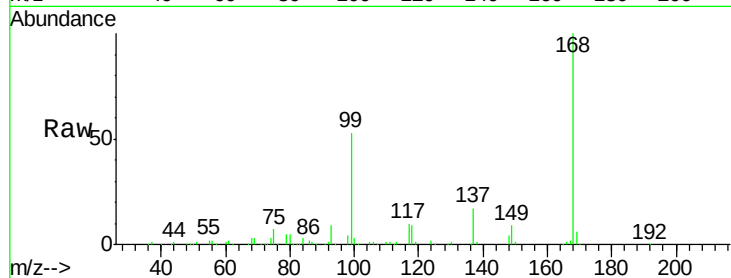
T9-12-13-N3-(1.9)

Tot Ion:168 Resp: 420472

Ion Ratio Lower Upper

168 100

99 53.5 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034181.D (-1185) (-)

Ion 98.90 (98.60 to 99.60): VU034181.D (-1185) (-)

4.96

200000

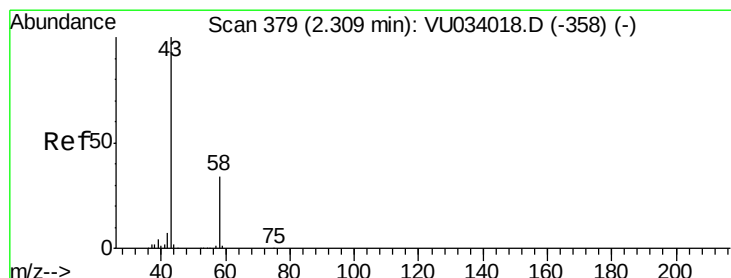
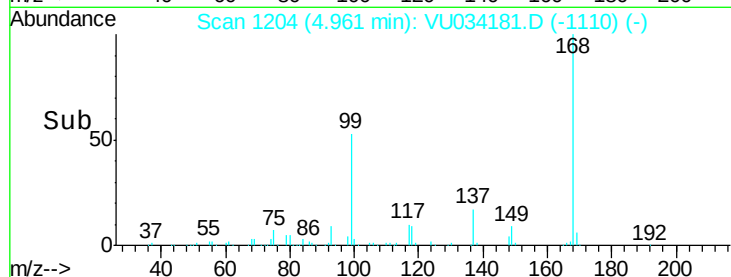
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.438 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034181.D

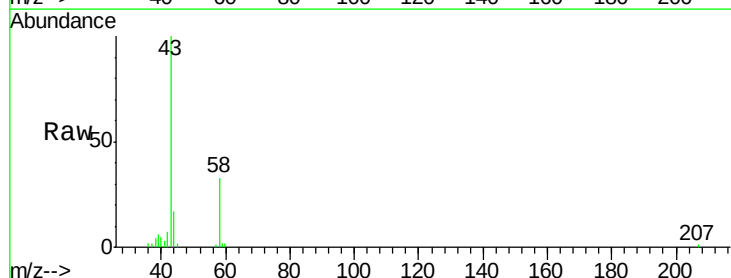
Acq: 01 Sep 2019 19:58

Tgt Ion: 43 Resp: 14949

Ion Ratio Lower Upper

43 100

58 33.5 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VU034181.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034181.D (-286) (-)

2.31

10000

8000

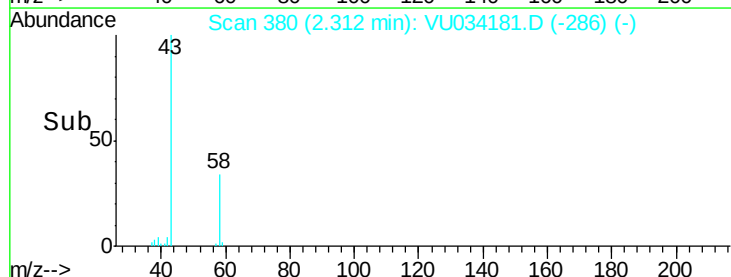
6000

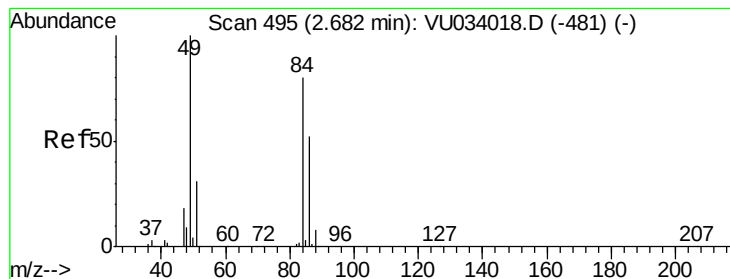
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 2.324 ug/l

RT: 2.69 min Scan# 498

Delta R.T. 0.01 min

Lab File: VU034181.D

Acq: 01 Sep 2019 19:58

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-N3-(1.9)

Tot Ion: 84 Resp: 12094

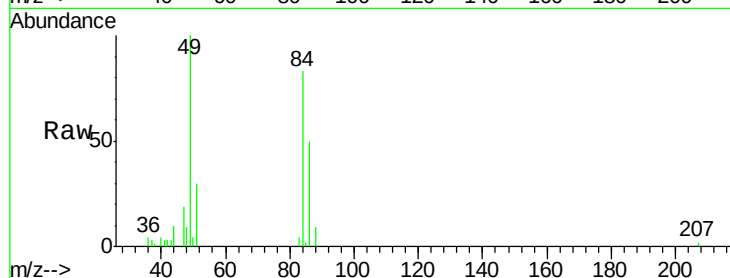
Ion Ratio Lower Upper

84 100

49 120.5 100.2 150.4

51 36.6 30.8 46.2

86 60.2 52.5 78.7

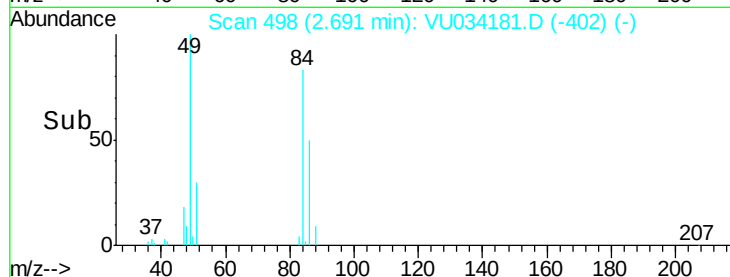
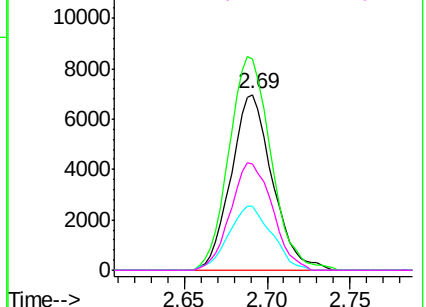


Abundance Ion 83.90 (83.60 to 84.60): VU0

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: 51.291 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034181.D

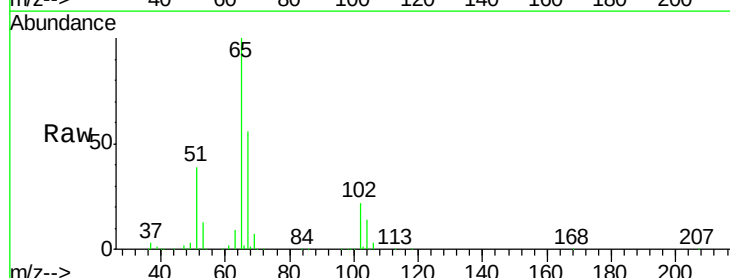
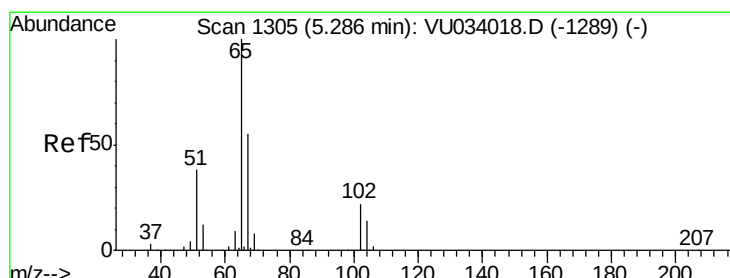
Acq: 01 Sep 2019 19:58

Tgt Ion: 65 Resp: 276342

Ion Ratio Lower Upper

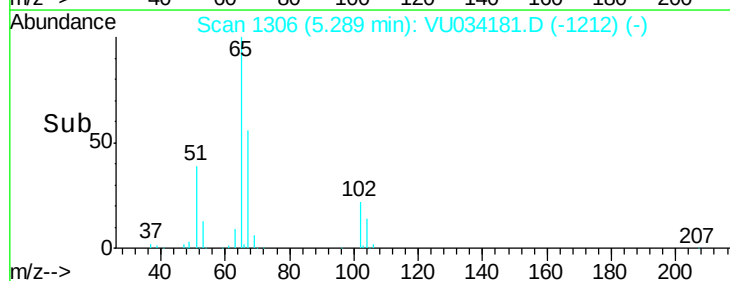
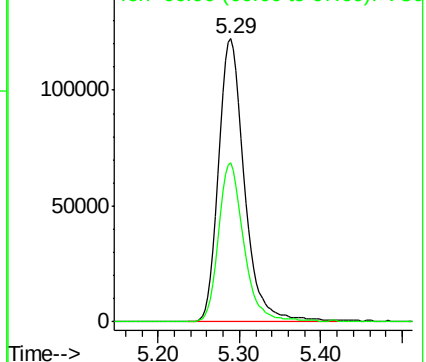
65 100

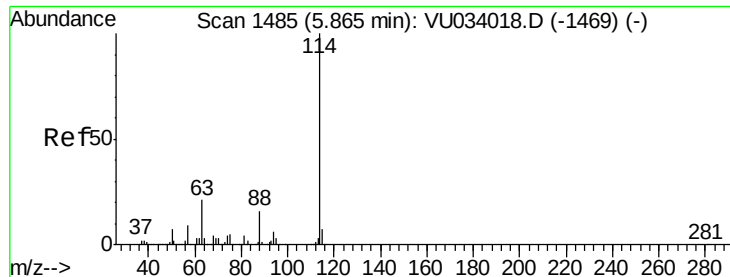
67 54.8 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

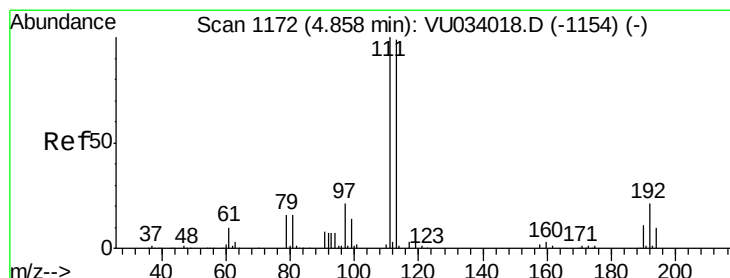
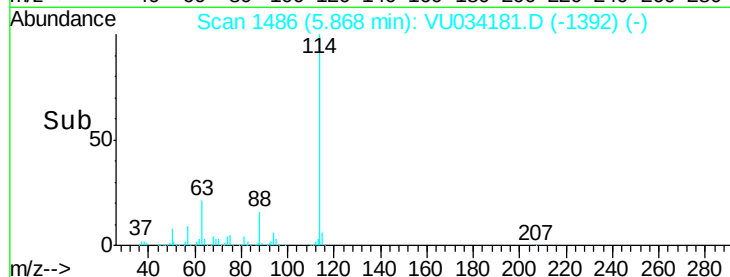
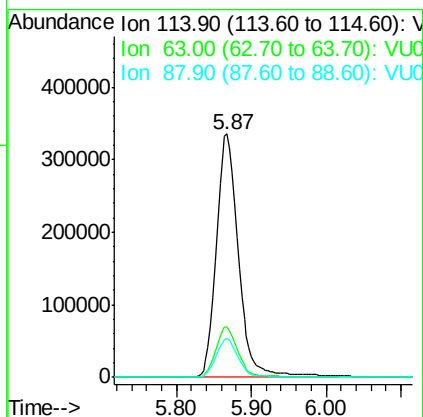
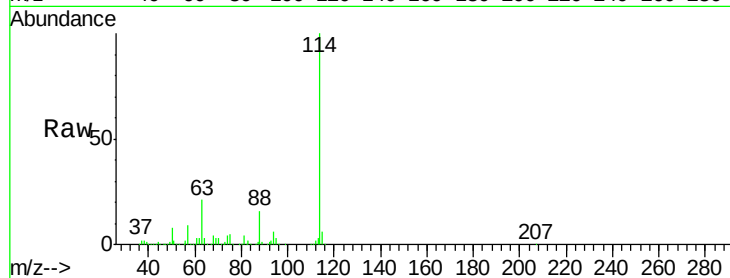




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034181.D
 Acq: 01 Sep 2019 19:58

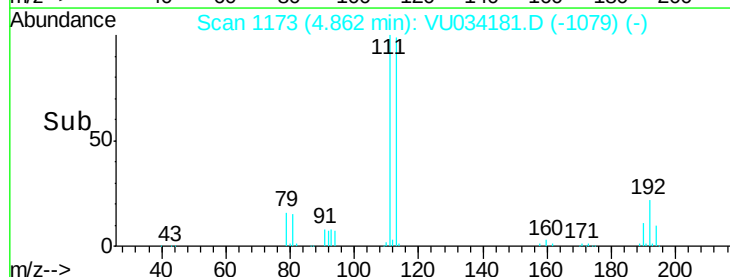
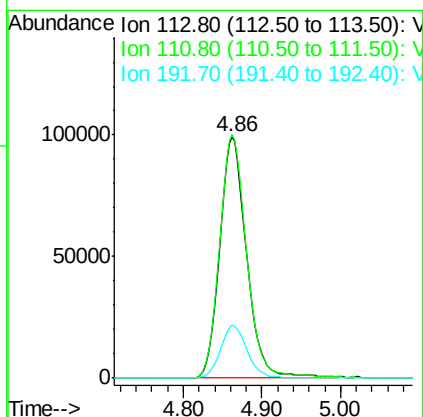
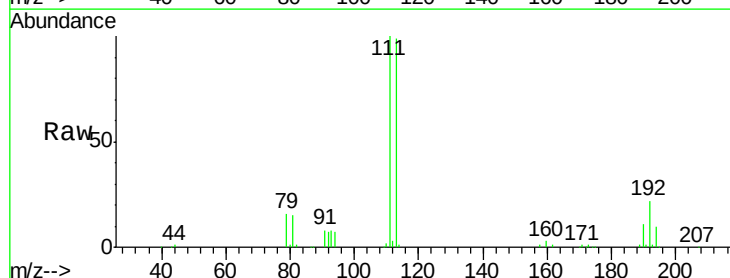
Instrument :
 MSVOA_U
 ClientSampleId :
 T9-12-13-N3-(1.9)

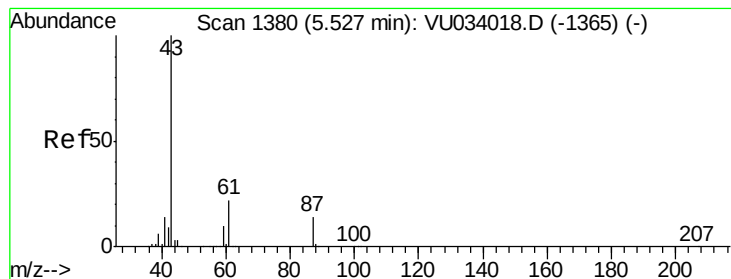
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	42.0
88	16.0	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 48.423 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034181.D
 Acq: 01 Sep 2019 19:58

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.7	81.7	122.5
192	21.7	17.1	25.7





#43

Isopropyl Acetate

Concen: 4.140 ug/l

RT: 5.53 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VU034181.D

Acq: 01 Sep 2019 19:58

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-N3-(1.9)

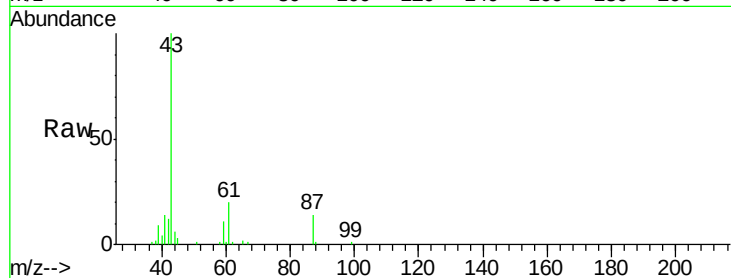
Tot Ion: 43 Resp: 46258

Ion Ratio Lower Upper

43 100

61 20.6 17.2 25.8

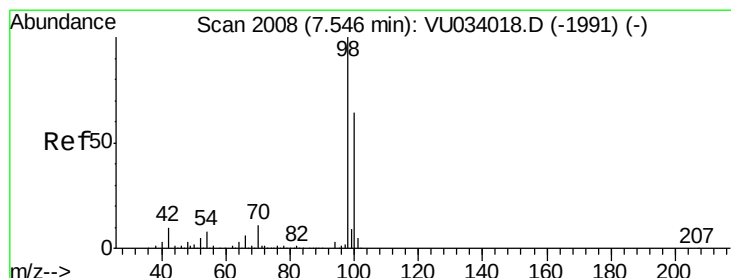
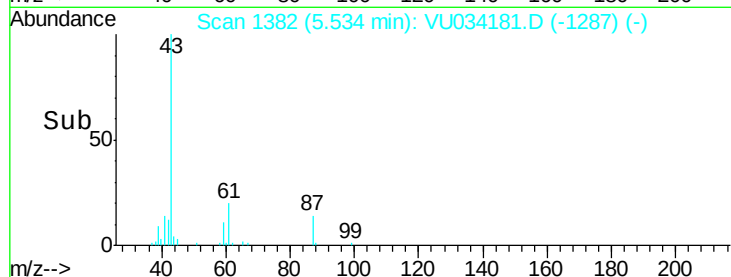
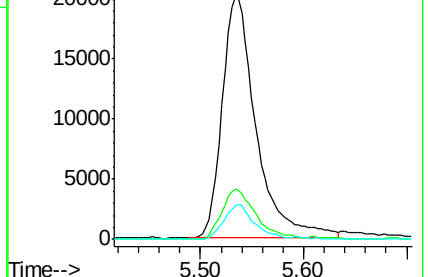
87 12.8 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VU034181.D (-1382) (-)

Ion 61.00 (60.70 to 61.70): VU034181.D (-1382) (-)

Ion 87.00 (86.70 to 87.70): VU034181.D (-1382) (-)



#50

Toluene-d8

Concen: 50.337 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034181.D

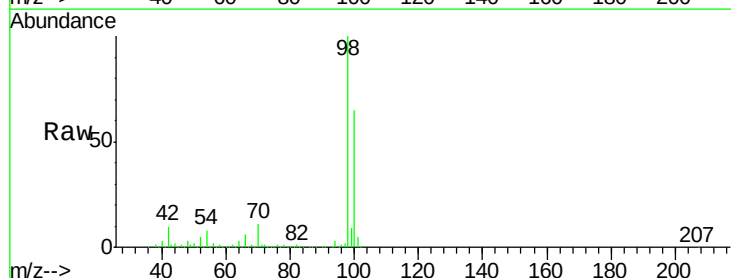
Acq: 01 Sep 2019 19:58

Tgt Ion: 98 Resp: 906363

Ion Ratio Lower Upper

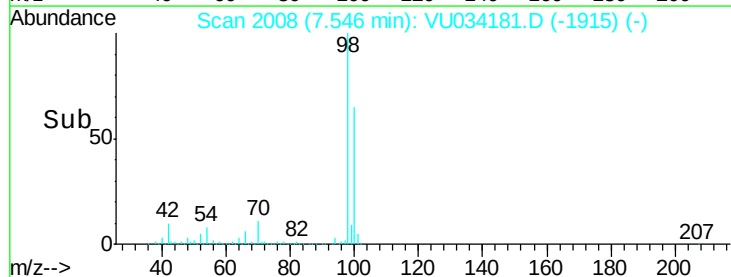
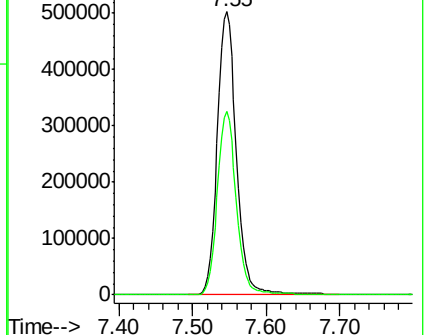
98 100

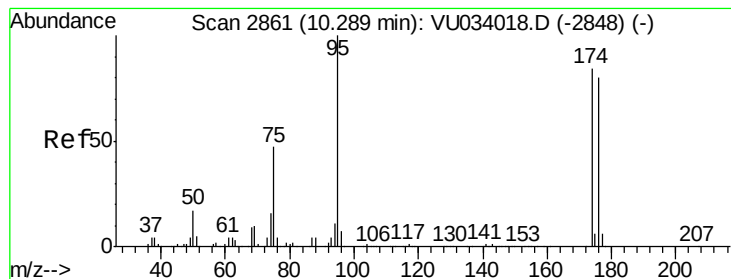
100 64.4 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VU034181.D (-2008) (-)

Ion 100.00 (99.70 to 100.70): VU034181.D (-2008) (-)





#62

4-Bromofluorobenzene

Concen: 45.623 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034181.D

Acq: 01 Sep 2019 19:58

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-N3-(1.9)

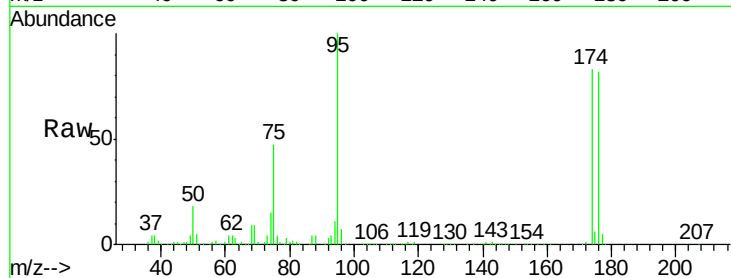
Tot Ion: 95 Resp: 319544

Ion Ratio Lower Upper

95 100

174 83.9 0.0 168.8

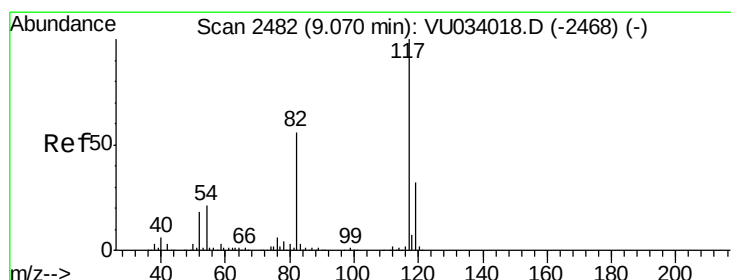
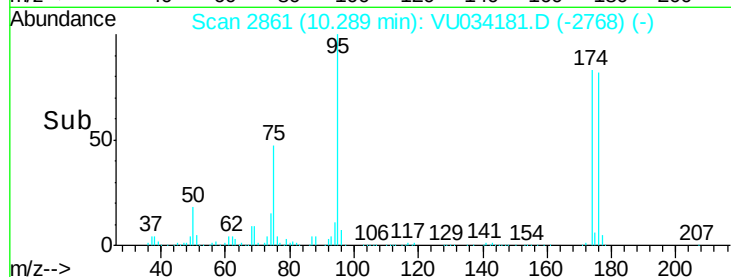
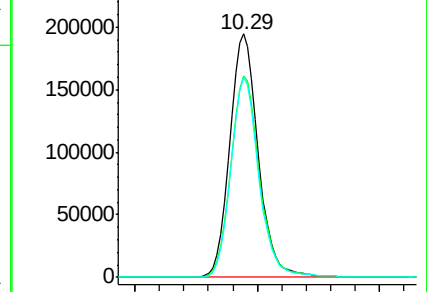
176 80.8 0.0 161.8



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: VU034181.D

Acq: 01 Sep 2019 19:58

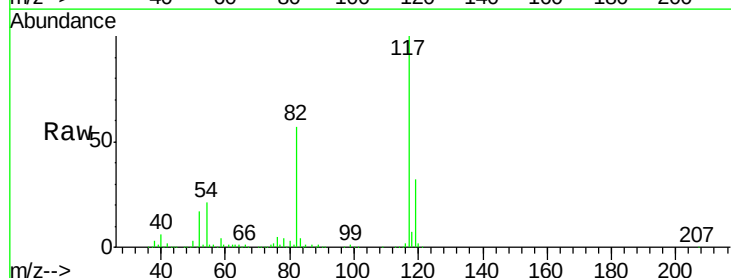
Tgt Ion: 117 Resp: 701743

Ion Ratio Lower Upper

117 100

82 56.6 45.1 67.7

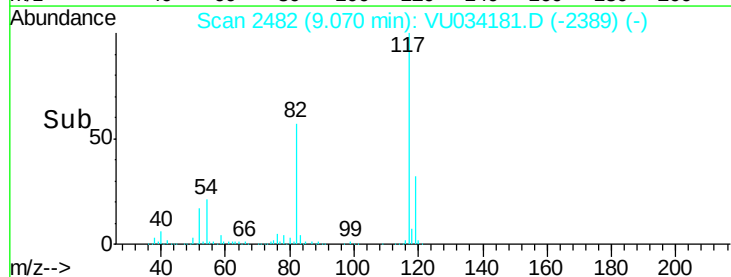
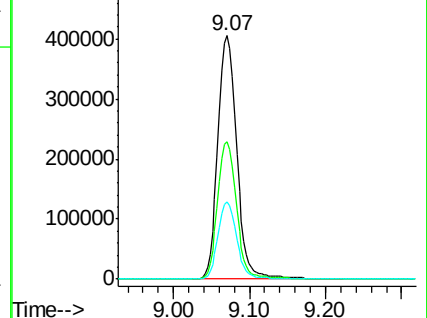
119 31.9 25.4 38.0

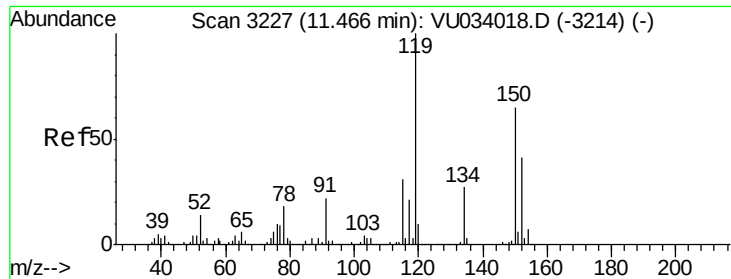


Abundance Ion 116.90 (116.60 to 117.60): VU034018.D (-2468) (-)

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: VU034181.D

Acq: 01 Sep 2019 19:58

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-N3-(1.9)

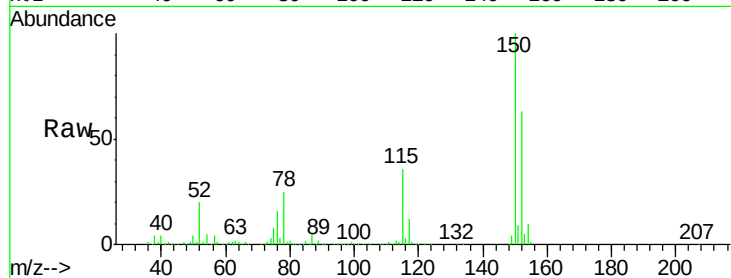
Tot Ion:152 Resp: 339558

Ion Ratio Lower Upper

152 100

115 57.0 41.1 123.3

150 158.1 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

