

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090219\
 Data File : VU034147.D
 Acq On : 01 Sep 2019 01:46
 Operator : JC/SP
 Sample : K4526-29
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T9-12-13-F4-(0)

Quant Time: Sep 01 05:46:43 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

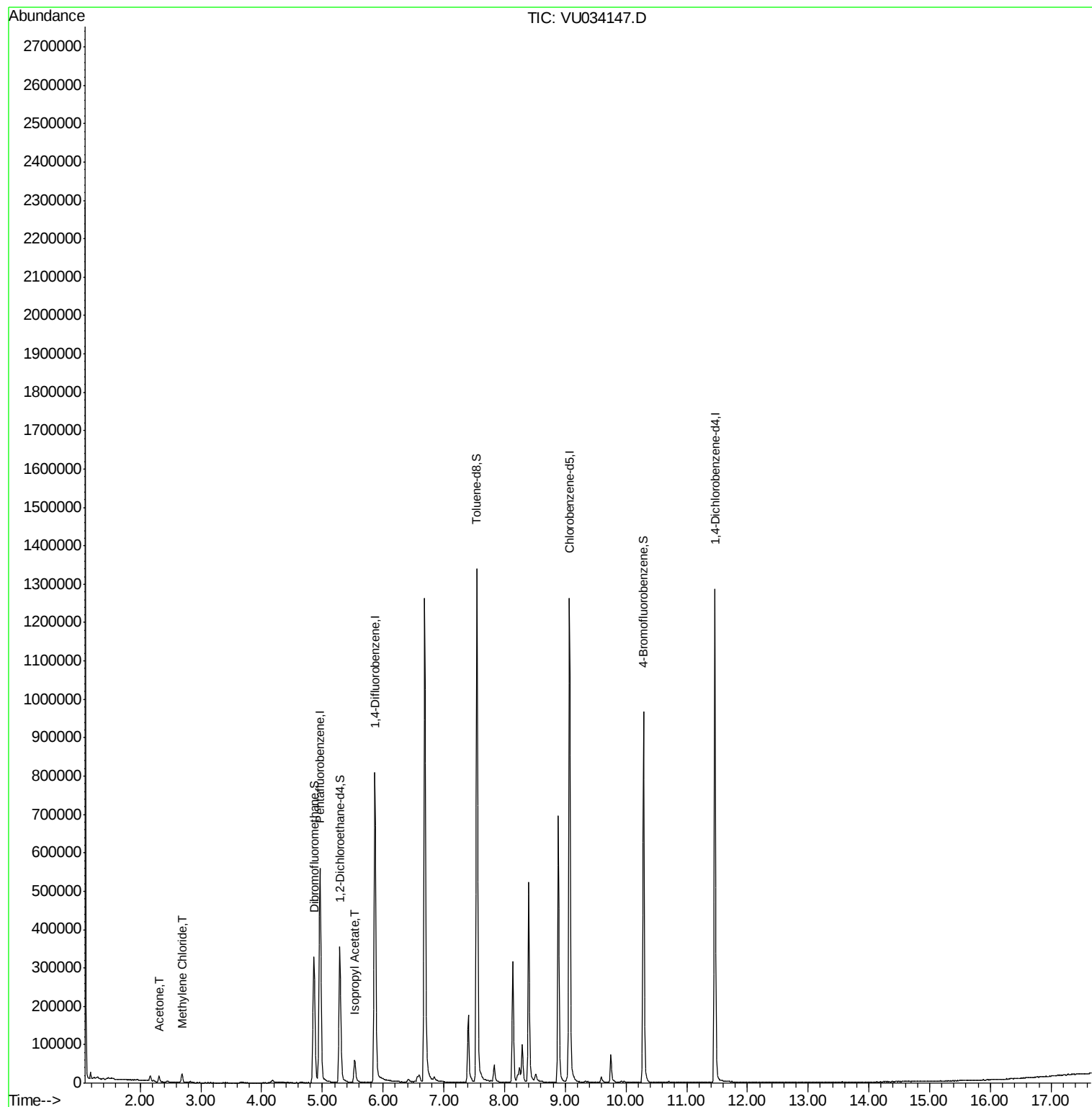
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	451881	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	726534	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	722313	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	354624	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	284782	49.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.36%	
35) Dibromofluoromethane	4.86	113	239420	47.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.02%	
50) Toluene-d8	7.55	98	940929	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
62) 4-Bromofluorobenzene	10.29	95	332821	45.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.70%	
Target Compounds						
16) Acetone	2.31	43	17031	5.765	ug/l	100
20) Methylene Chloride	2.69	84	10936	1.955	ug/l	91
43) Isopropyl Acetate	5.53	43	73781	6.302	ug/l	97

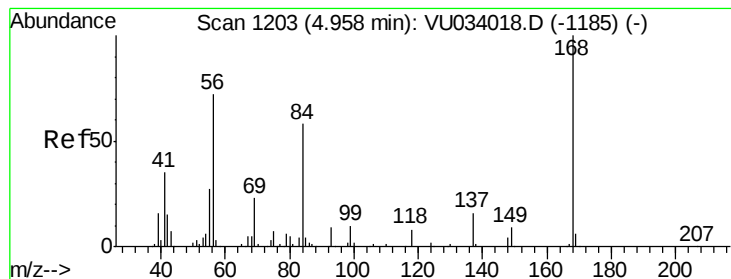
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. 0.01 min

Lab File: VU034147.D

Acq: 01 Sep 2019 01:46

Instrument :

MSVOA_U

ClientSampleId :

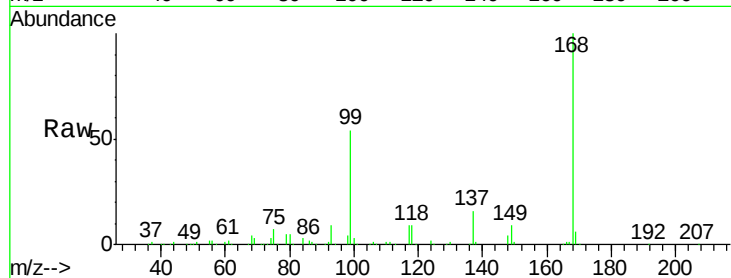
T9-12-13-F4-(0)

Tot Ion:168 Resp: 451881

Ion Ratio Lower Upper

168 100

99 53.6 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034147.D (-1110) (-)

Ion 98.90 (98.60 to 99.60): VU034147.D (-1110) (-)

4.96

200000

150000

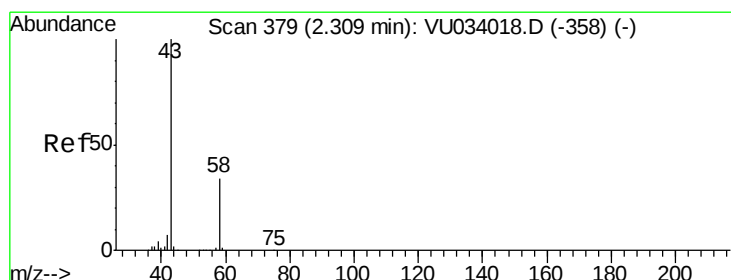
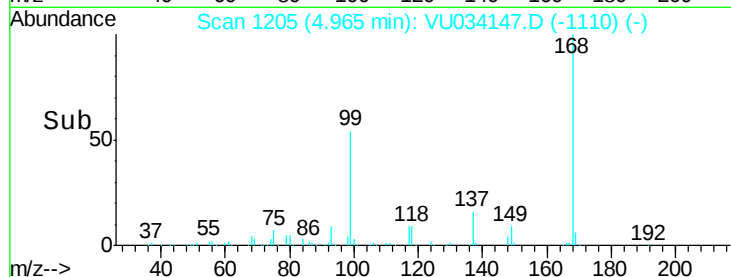
100000

50000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 5.765 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034147.D

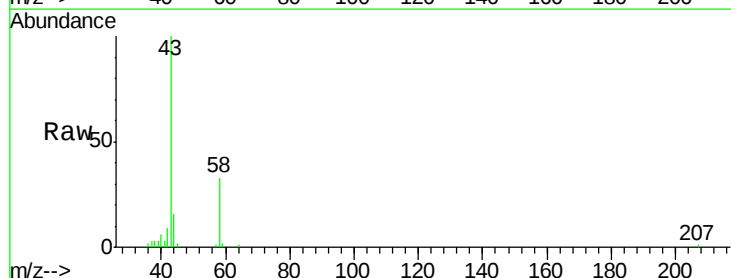
Acq: 01 Sep 2019 01:46

Tgt Ion: 43 Resp: 17031

Ion Ratio Lower Upper

43 100

58 33.4 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VU034147.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034147.D (-286) (-)

2.31

10000

8000

6000

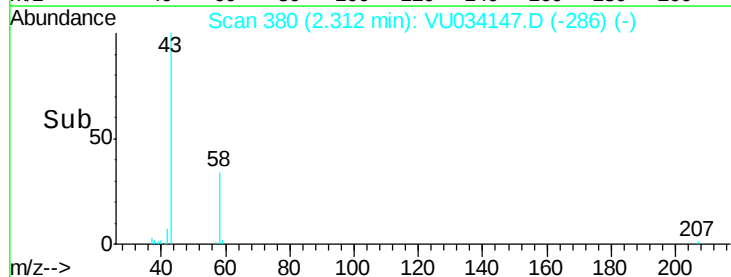
4000

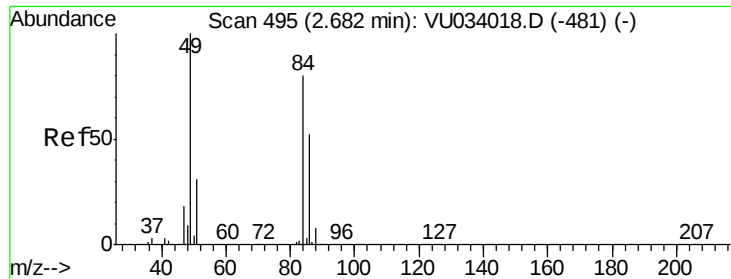
2000

0

2.25 2.30 2.35 2.40

Time-->





#20

Methylene Chloride

Concen: 1.955 ug/l

RT: 2.69 min Scan# 498

Delta R.T. 0.01 min

Lab File: VU034147.D

Acq: 01 Sep 2019 01:46

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-F4-(0)

Tot Ion: 84 Resp: 10936

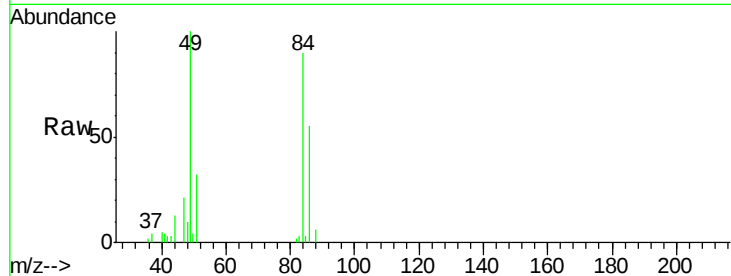
Ion Ratio Lower Upper

84 100

49 111.1 100.2 150.4

51 36.0 30.8 46.2

86 61.6 52.5 78.7

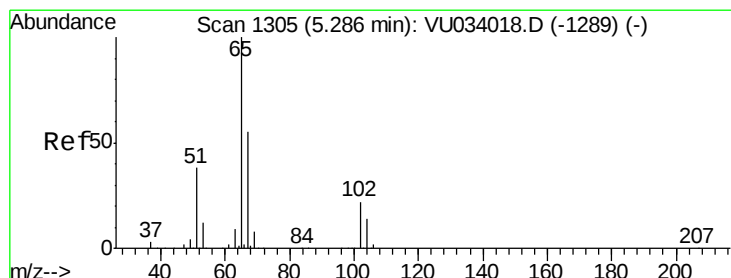
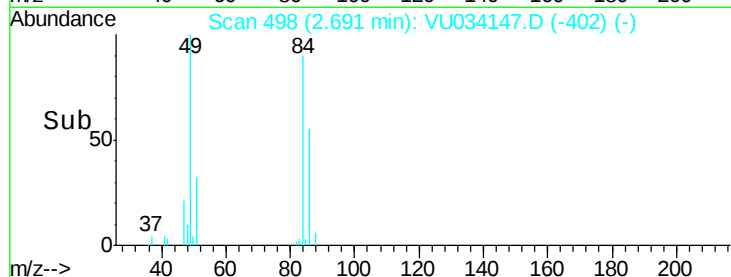
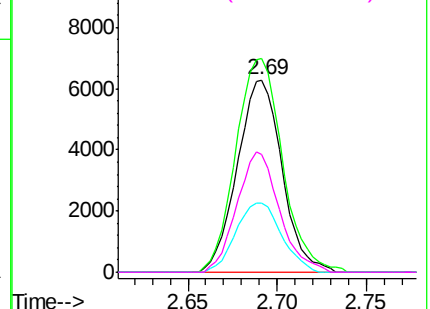


Abundance Ion 83.90 (83.60 to 84.60): VU034018.D (-481) (-)

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) (-)



#33

1,2-Dichloroethane-d4

Concen: 49.184 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034147.D

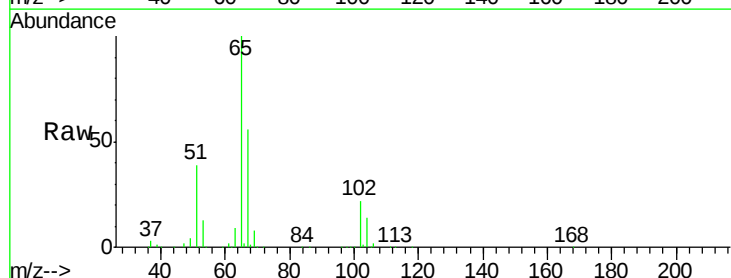
Acq: 01 Sep 2019 01:46

Tgt Ion: 65 Resp: 284782

Ion Ratio Lower Upper

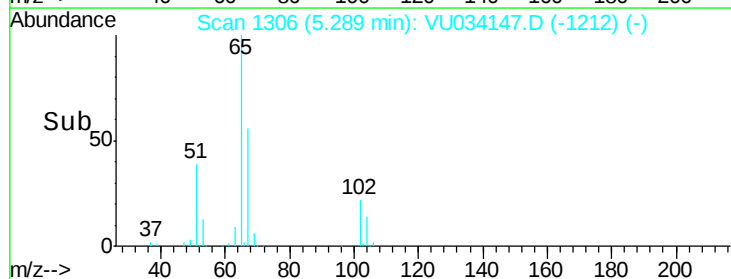
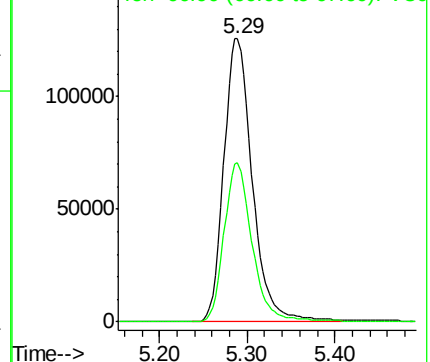
65 100

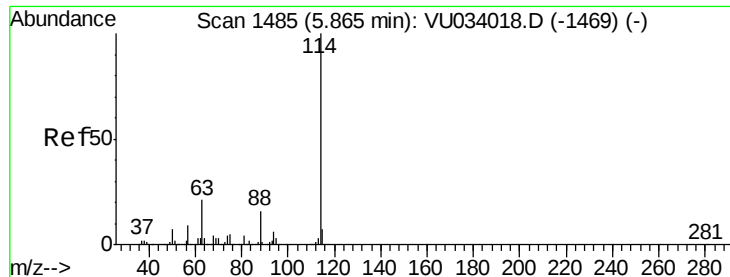
67 54.9 0.0 110.6



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

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

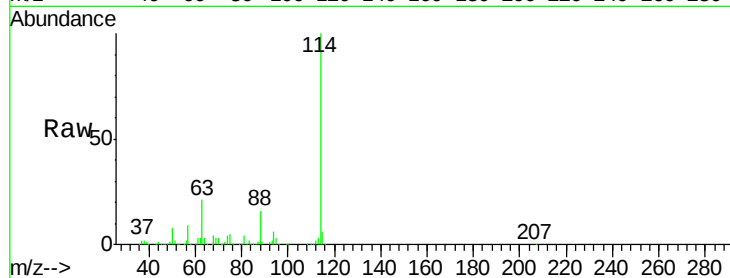




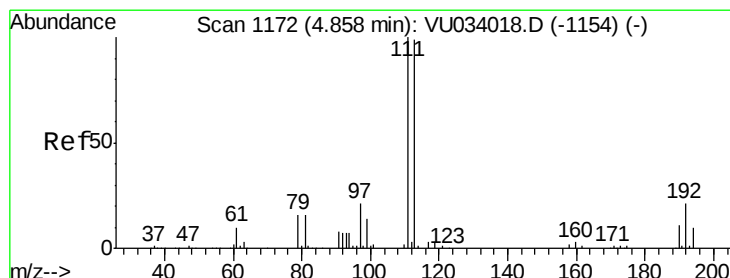
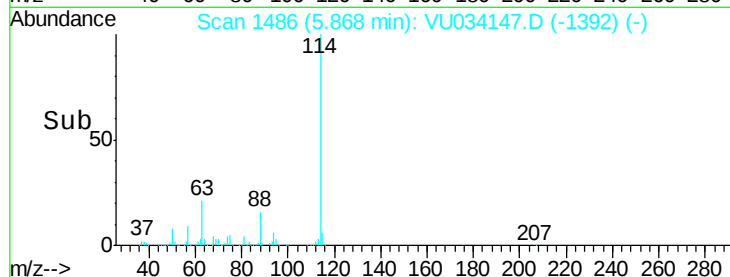
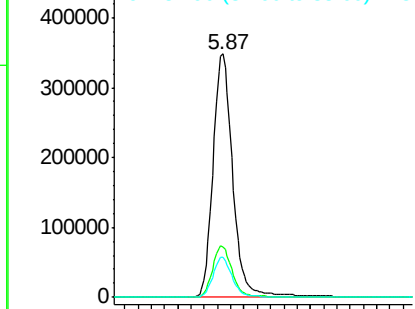
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034147.D
 Acq: 01 Sep 2019 01:46

Instrument :
 MSVOA_U
 ClientSampleId :
 T9-12-13-F4-(0)

Tot Ion:114 Resp: 726534
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 42.0
 88 16.4 0.0 32.0

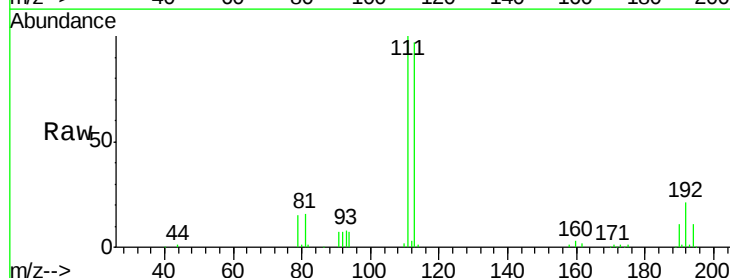


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

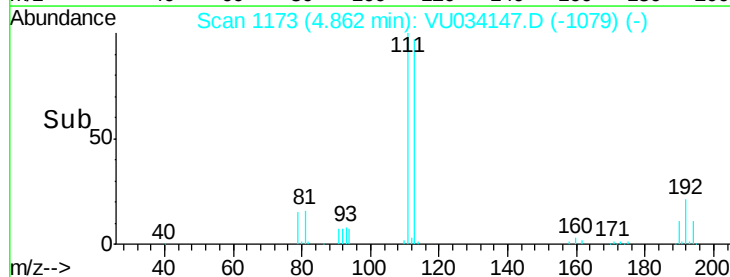
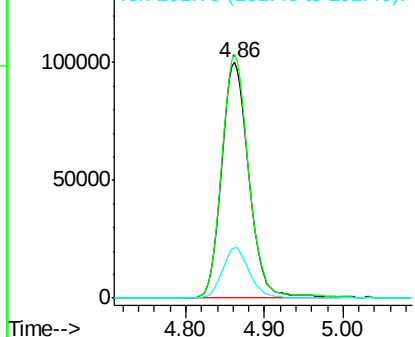


#35
 Dibromofluoromethane
 Concen: 47.512 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034147.D
 Acq: 01 Sep 2019 01:46

Tgt Ion:113 Resp: 239420
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.7 122.5
 192 21.1 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: 6.302 ug/l

RT: 5.53 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VU034147.D

Acq: 01 Sep 2019 01:46

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-F4-(0)

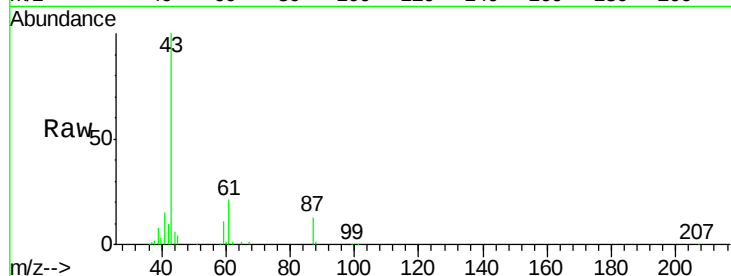
Tot Ion: 43 Resp: 73781

Ion Ratio Lower Upper

43 100

61 20.2 17.2 25.8

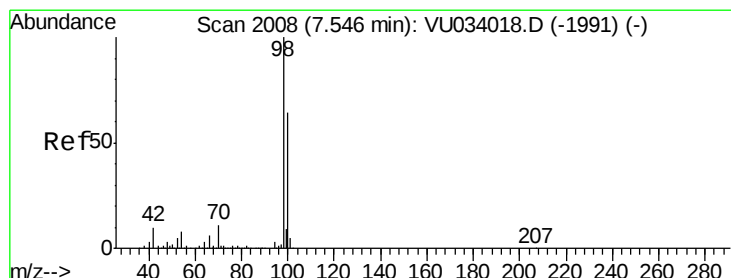
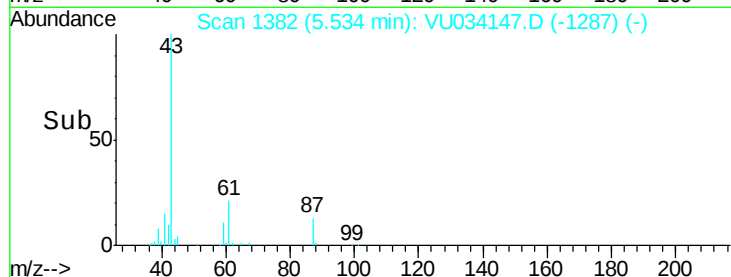
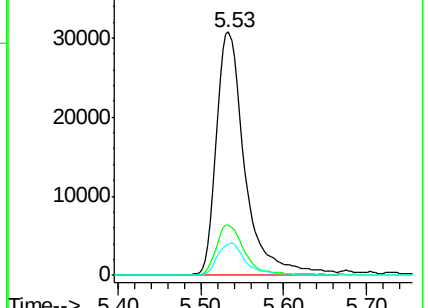
87 12.6 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VU034147.D (-1287) (-)

Ion 61.00 (60.70 to 61.70): VU034147.D (-1287) (-)

Ion 87.00 (86.70 to 87.70): VU034147.D (-1287) (-)



#50

Toluene-d8

Concen: 49.868 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034147.D

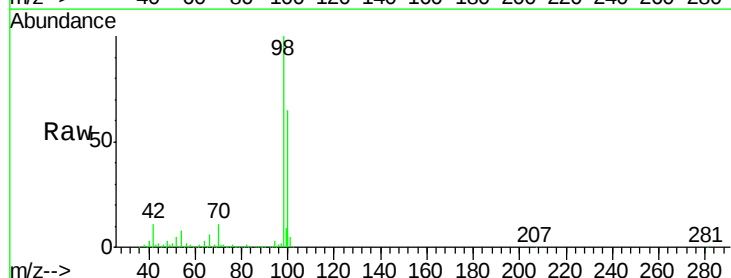
Acq: 01 Sep 2019 01:46

Tgt Ion: 98 Resp: 940929

Ion Ratio Lower Upper

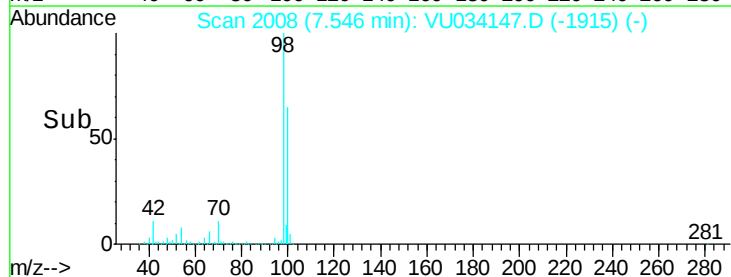
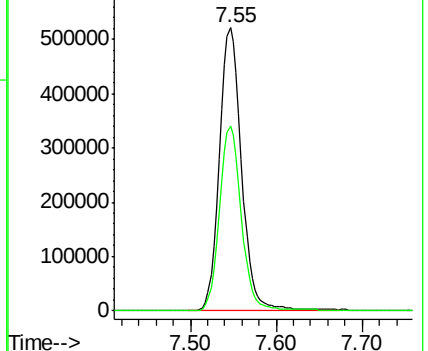
98 100

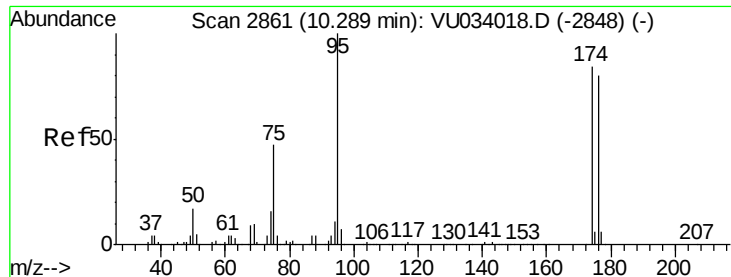
100 64.8 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VU034147.D (-1915) (-)

Ion 100.00 (99.70 to 100.70): VU034147.D (-1915) (-)





#62

4-Bromofluorobenzene

Concen: 45.345 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034147.D

Acq: 01 Sep 2019 01:46

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-F4-(0)

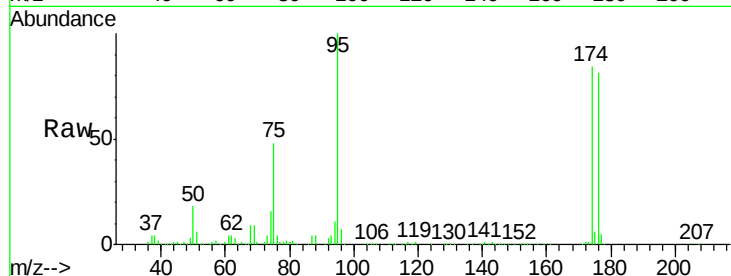
Tot Ion: 95 Resp: 332821

Ion Ratio Lower Upper

95 100

174 83.9 0.0 168.8

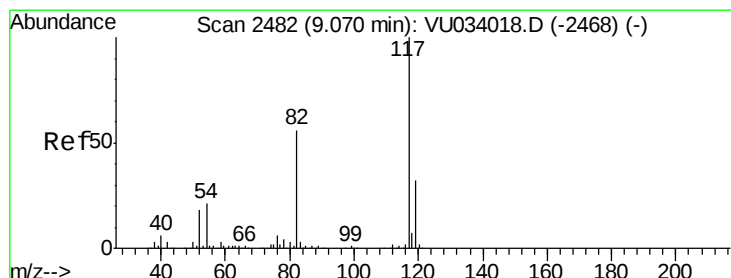
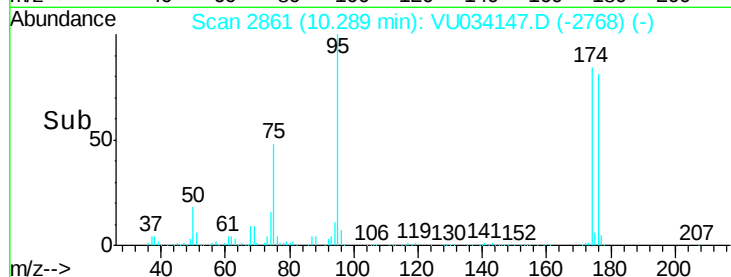
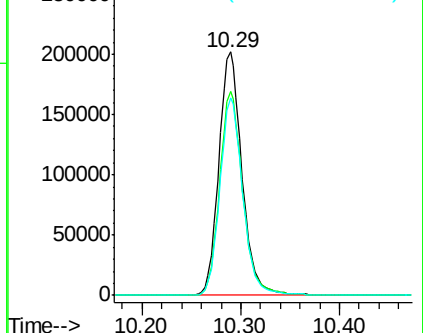
176 80.7 0.0 161.8



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: VU034147.D

Acq: 01 Sep 2019 01:46

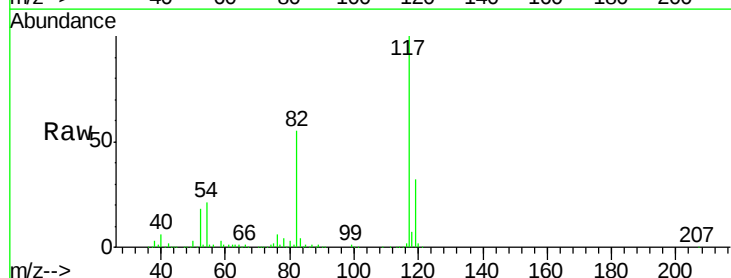
Tgt Ion: 117 Resp: 722313

Ion Ratio Lower Upper

117 100

82 55.4 45.1 67.7

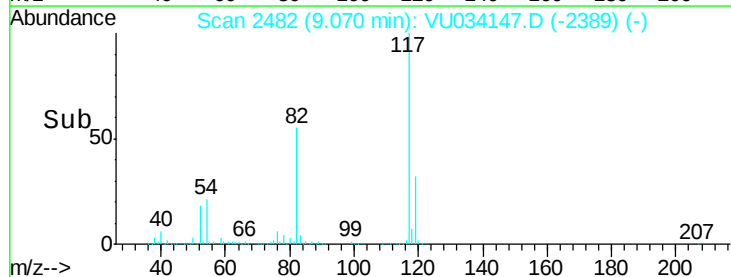
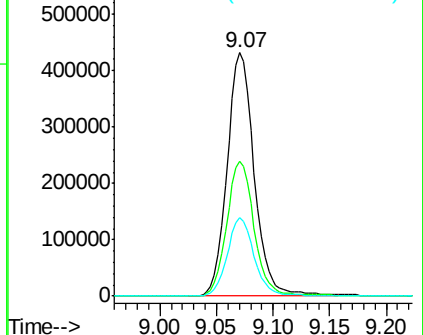
119 32.1 25.4 38.0

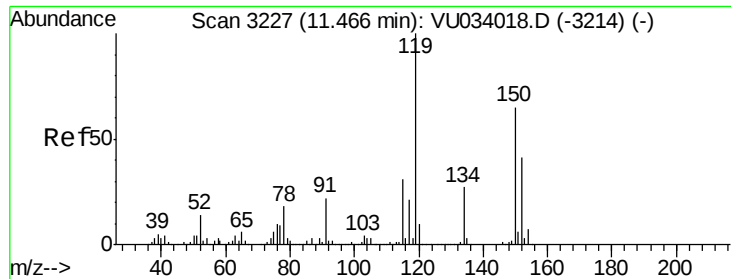


Abundance Ion 116.90 (116.60 to 117.60): VU034018.D (-2468) (-)

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: 11.47 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VU034147.D

Acq: 01 Sep 2019 01:46

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-F4-(0)

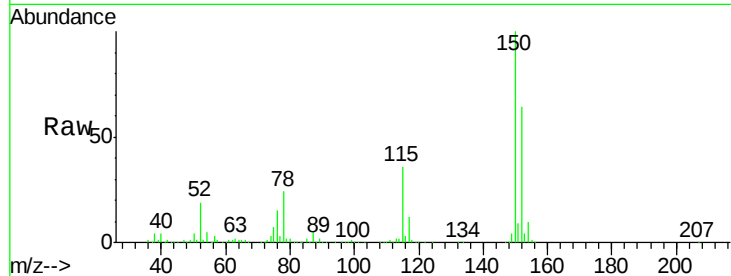
Tot Ion:152 Resp: 354624

Ion Ratio Lower Upper

152 100

115 57.6 41.1 123.3

150 157.2 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

