

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090919\
 Data File : VU034421.D
 Acq On : 09 Sep 2019 10:30
 Operator : JC/SP
 Sample : K4601-38
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T12-F4-(2.7)

Quant Time: Sep 10 06:12:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 05:10:13 2019
 Response via : Initial Calibration

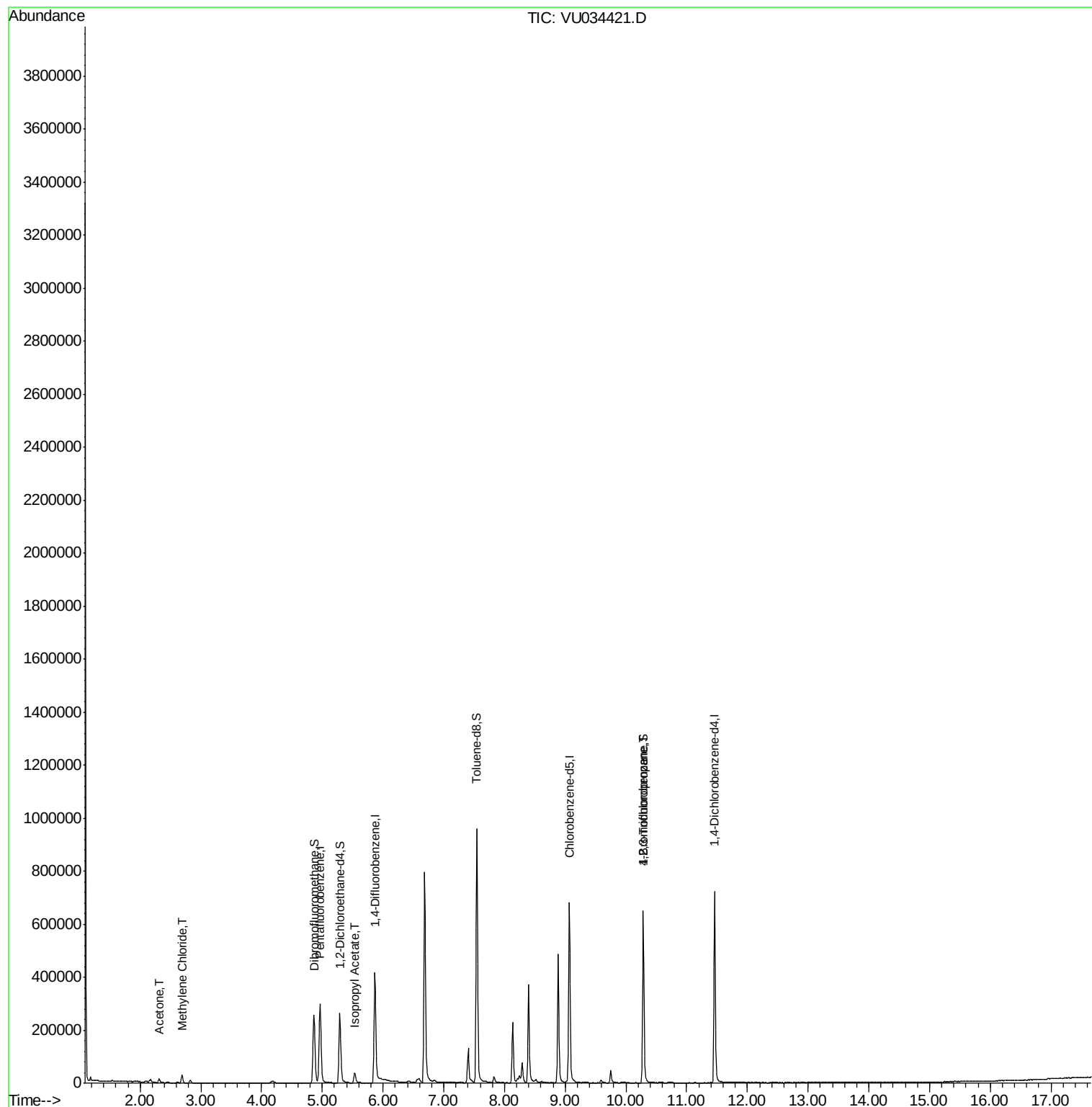
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	251030	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	375986	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	405401	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	214185	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	210472	55.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.82%	
35) Dibromofluoromethane	4.86	113	186541	53.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.64%	
50) Toluene-d8	7.55	98	678913	51.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.30%	
62) 4-Bromofluorobenzene	10.29	95	220692	43.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.98%	
Target Compounds						
16) Acetone	2.31	43	15779	8.028	ug/l	100
20) Methylene Chloride	2.69	84	13827	3.927	ug/l	97
43) Isopropyl Acetate	5.53	43	46264	6.151	ug/l	99
76) 1,2,3-Trichloropropane	10.29	75	102157	21.850	ug/l #	36

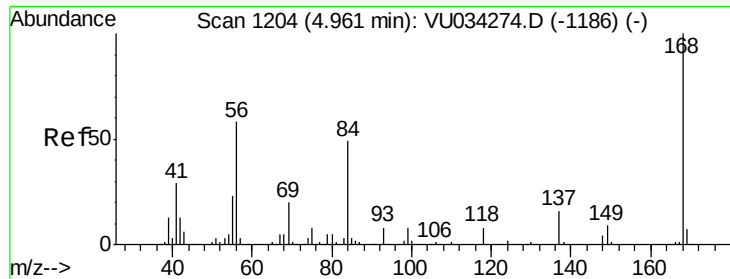
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Sep 06 05:10:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. 0.00 min

Lab File: VU034421.D

Acq: 09 Sep 2019 10:30

Instrument :

MSVOA_U

ClientSampleId :

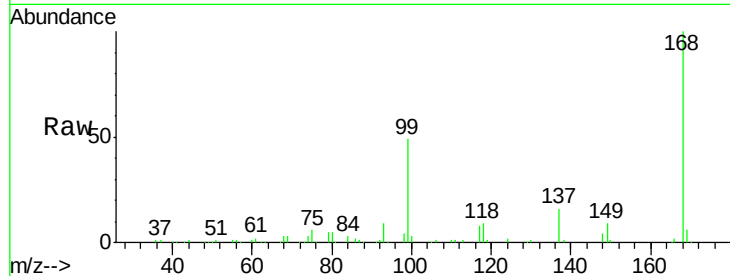
T12-F4-(2.7)

Tot Ion:168 Resp: 251030

Ion Ratio Lower Upper

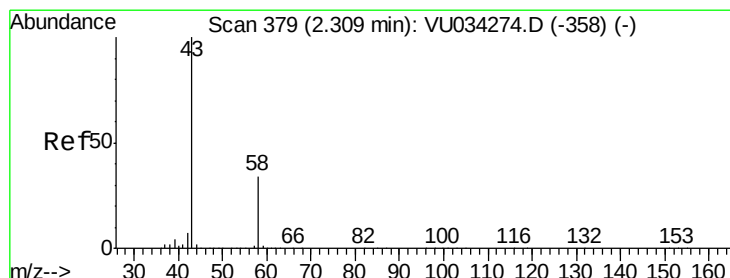
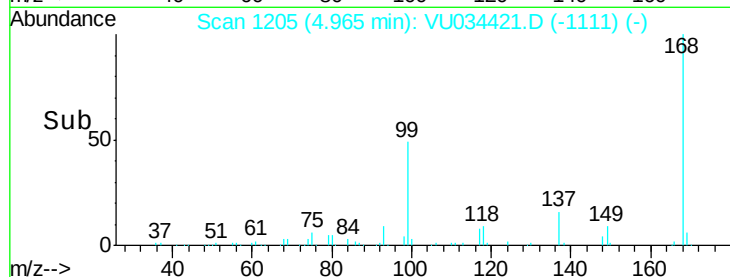
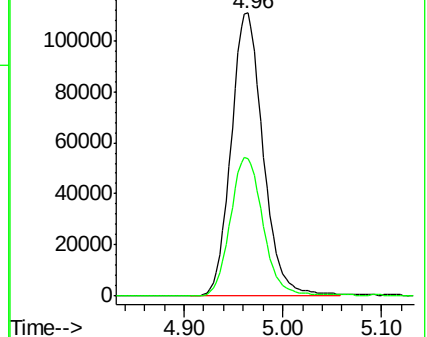
168 100

99 48.7 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034421.D (-1111) (-)

Ion 98.90 (98.60 to 99.60): VU034421.D (-1111) (-)



#16

Acetone

Concen: 8.028 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034421.D

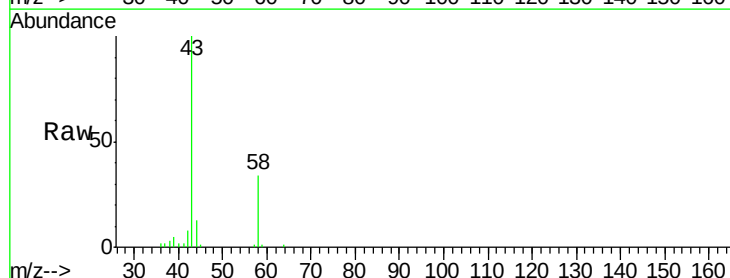
Acq: 09 Sep 2019 10:30

Tgt Ion: 43 Resp: 15779

Ion Ratio Lower Upper

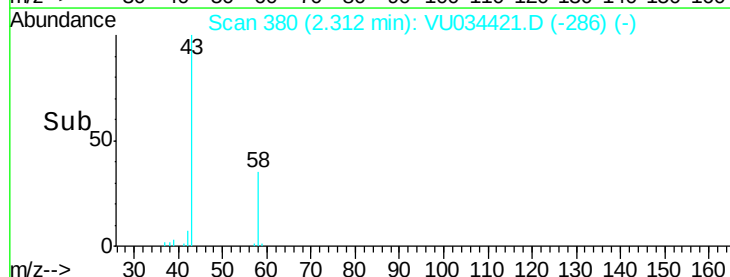
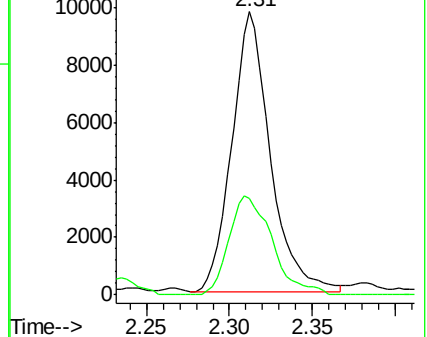
43 100

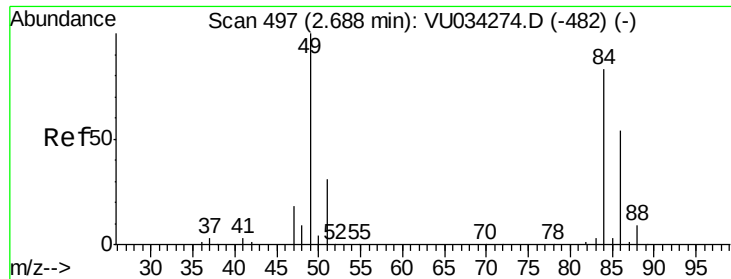
58 34.6 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034421.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034421.D (-286) (-)

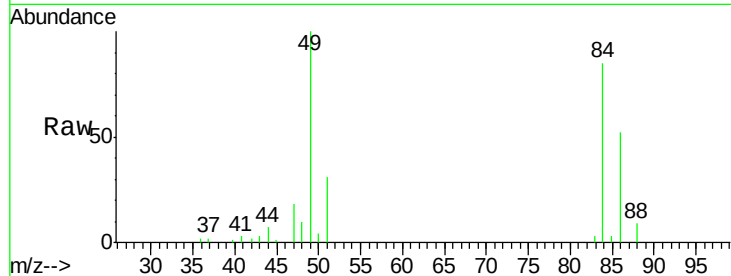




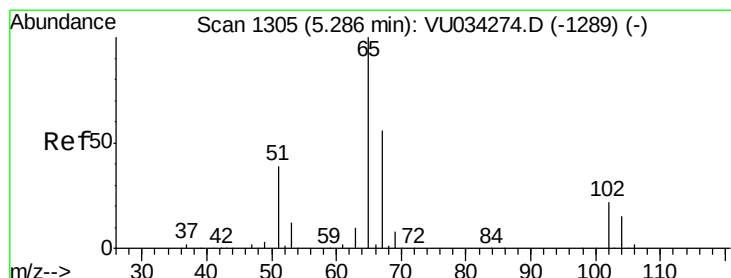
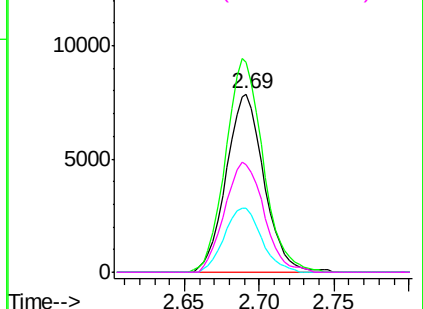
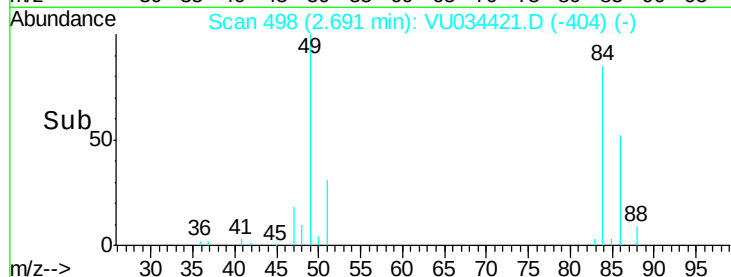
#20
Methylene Chloride
Concen: 3.927 ug/l
RT: 2.69 min Scan# 498
Delta R.T. 0.00 min
Lab File: VU034421.D
Acq: 09 Sep 2019 10:30

Instrument :
MSVOA_U
ClientSampleId :
T12-F4-(2.7)

Tot Ion: 84 Resp: 13827
Ion Ratio Lower Upper
84 100
49 117.3 96.0 144.0
51 35.8 30.0 45.0
86 60.5 51.4 77.0

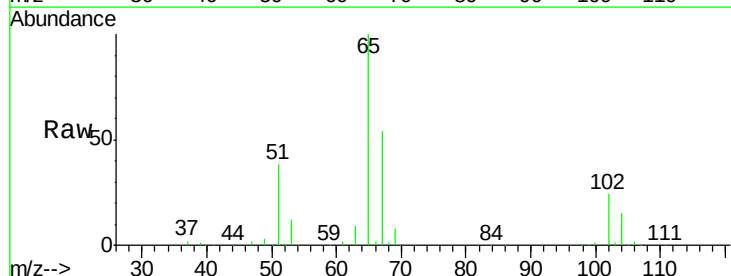


Abundance Ion 83.90 (83.60 to 84.60): VU0
Ion 48.90 (48.60 to 49.60): VU0
Ion 50.90 (50.60 to 51.60): VU0
Ion 85.90 (85.60 to 86.60): VU0

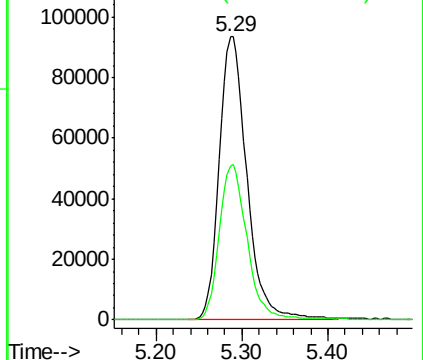
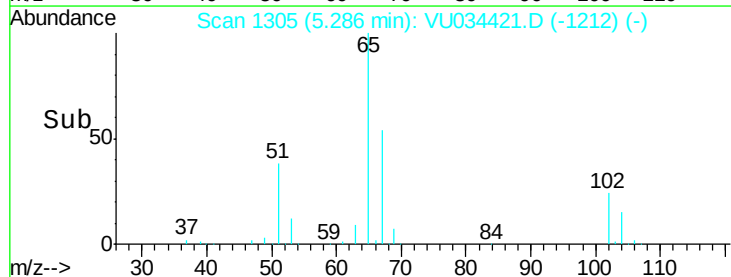


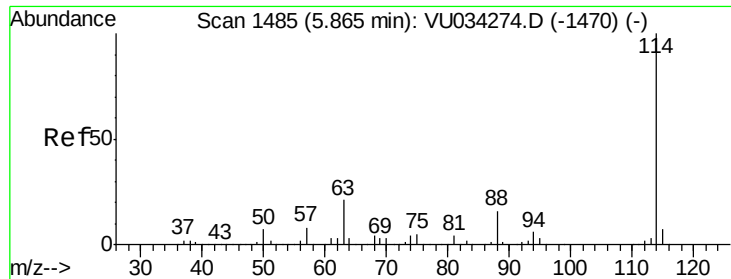
#33
1,2-Dichloroethane-d4
Concen: 55.414 ug/l
RT: 5.29 min Scan# 1305
Delta R.T. 0.00 min
Lab File: VU034421.D
Acq: 09 Sep 2019 10:30

Tgt Ion: 65 Resp: 210472
Ion Ratio Lower Upper
65 100
67 54.3 0.0 112.4



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: 5.86 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VU034421.D

Acq: 09 Sep 2019 10:30

Instrument :

MSVOA_U

ClientSampleId :

T12-F4-(2.7)

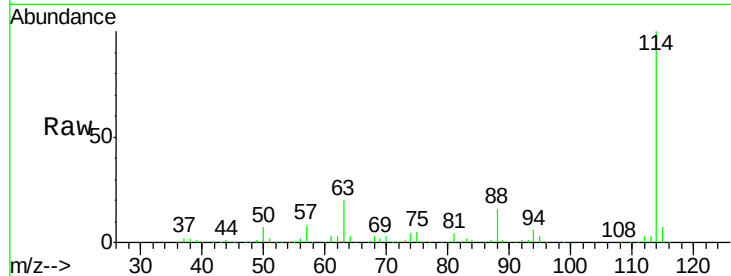
Tot Ion:114 Resp: 375986

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

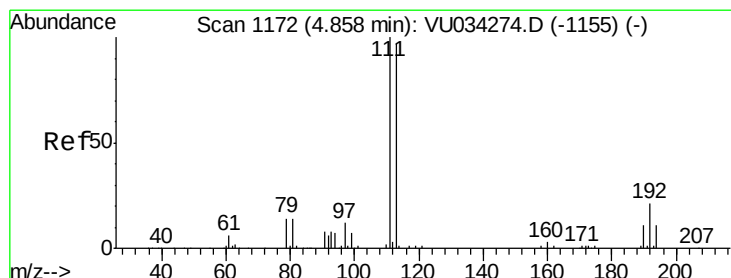
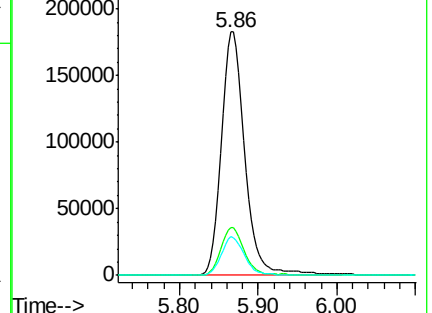
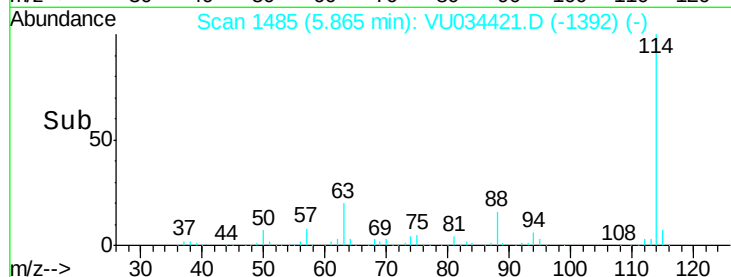
88 15.8 0.0 32.4



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: 53.319 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034421.D

Acq: 09 Sep 2019 10:30

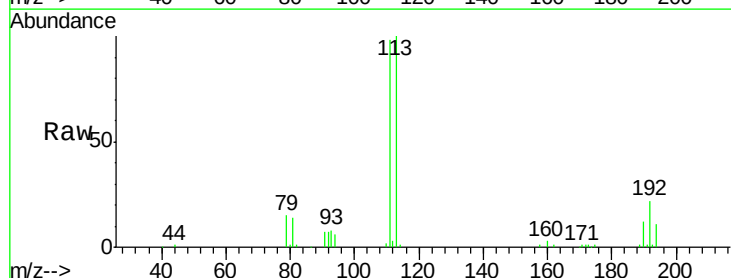
Tgt Ion:113 Resp: 186541

Ion Ratio Lower Upper

113 100

111 101.4 81.5 122.3

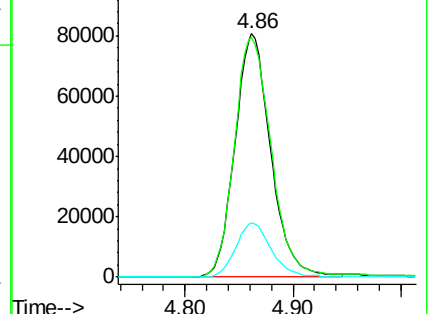
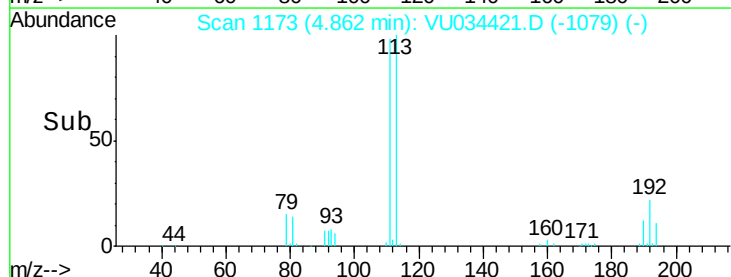
192 22.2 17.8 26.8

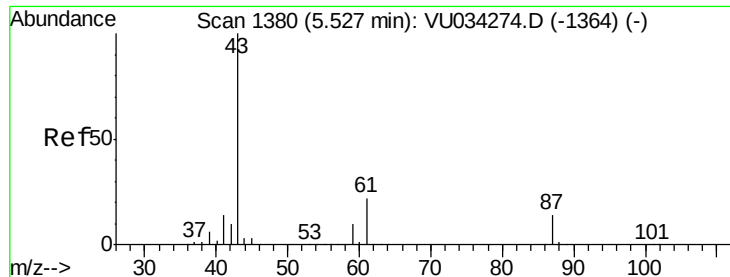


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 6.151 ug/l

RT: 5.53 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VU034421.D

Acq: 09 Sep 2019 10:30

Instrument :

MSVOA_U

ClientSampleId :

T12-F4-(2.7)

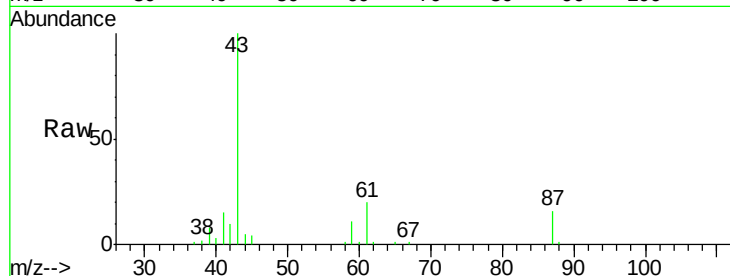
Tot Ion: 43 Resp: 46264

Ion Ratio Lower Upper

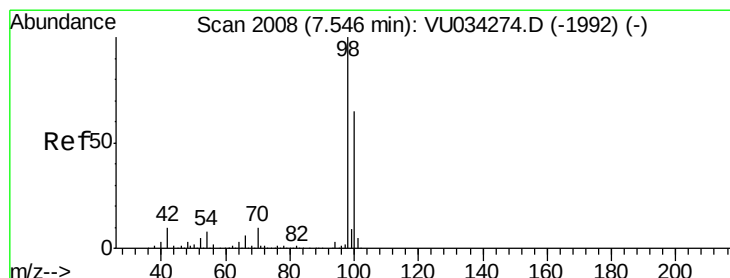
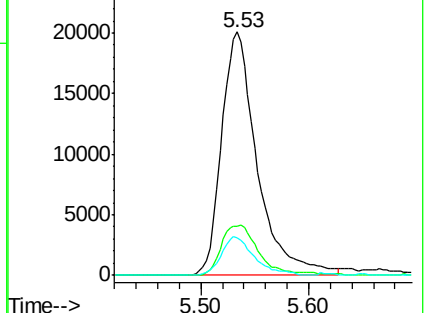
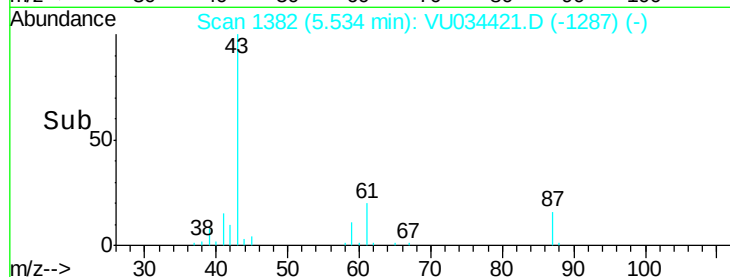
43 100

61 21.1 17.1 25.7

87 14.6 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VU034421.D (-1287) (-)



#50

Toluene-d8

Concen: 51.651 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034421.D

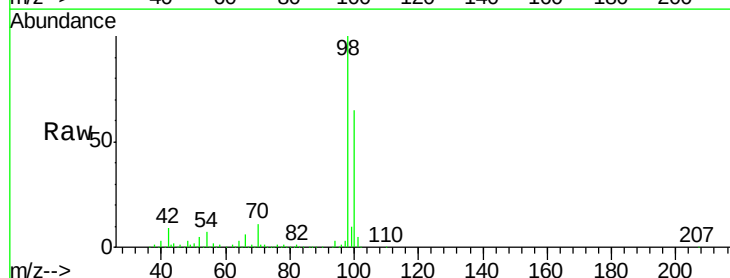
Acq: 09 Sep 2019 10:30

Tgt Ion: 98 Resp: 678913

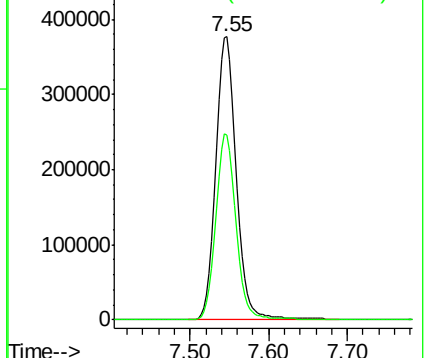
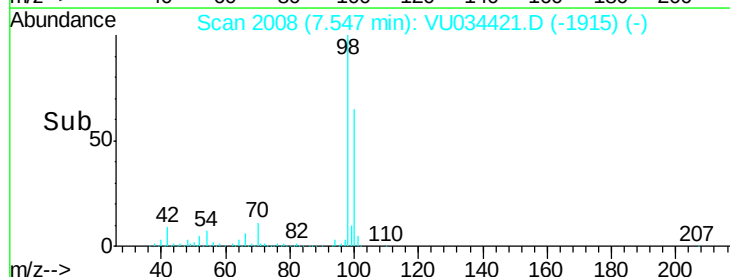
Ion Ratio Lower Upper

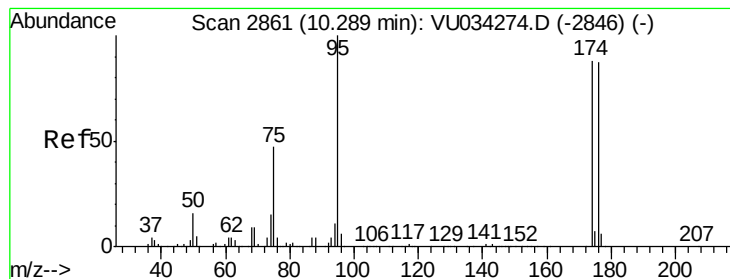
98 100

100 64.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VU034421.D (-1915) (-)





#62

4-Bromofluorobenzene

Concen: 43.487 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034421.D

Acq: 09 Sep 2019 10:30

Instrument :

MSVOA_U

ClientSampleId :

T12-F4-(2.7)

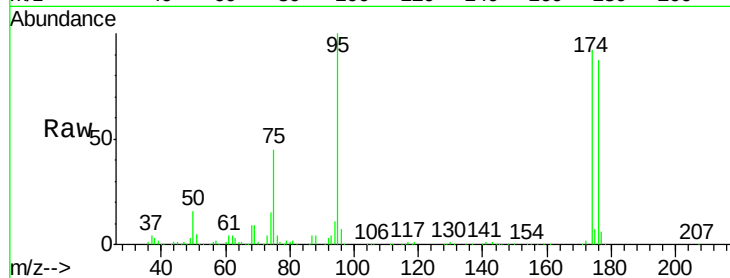
Tot Ion: 95 Resp: 220692

Ion Ratio Lower Upper

95 100

174 93.2 0.0 175.2

176 86.5 0.0 168.0

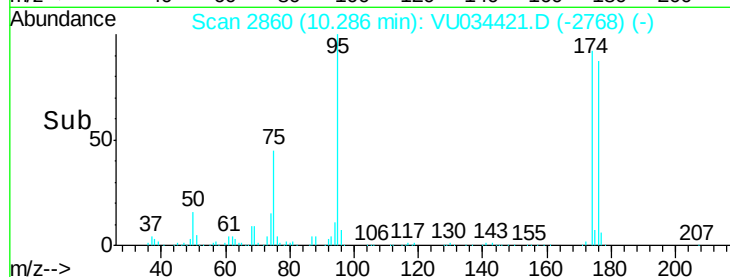


Abundance Ion 94.90 (94.60 to 95.60): VU034421.D (-2846) (-)

Ion 173.80 (173.50 to 174.50): VU034421.D (-2846) (-)

Ion 175.80 (175.50 to 176.50): VU034421.D (-2846) (-)

Time-->



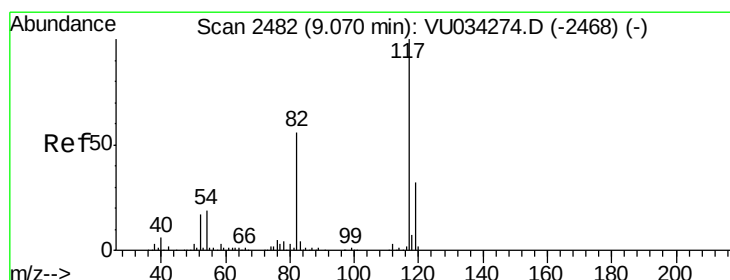
Abundance

Ion 94.90 (94.60 to 95.60): VU034421.D (-2846) (-)

Ion 173.80 (173.50 to 174.50): VU034421.D (-2846) (-)

Ion 175.80 (175.50 to 176.50): VU034421.D (-2846) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2481

Delta R.T. -0.00 min

Lab File: VU034421.D

Acq: 09 Sep 2019 10:30

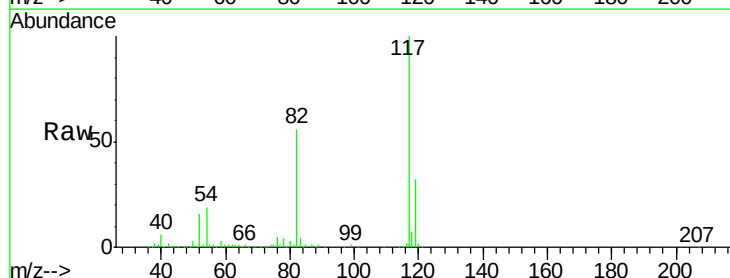
Tgt Ion: 117 Resp: 405401

Ion Ratio Lower Upper

117 100

82 55.7 44.6 67.0

119 32.2 25.9 38.9

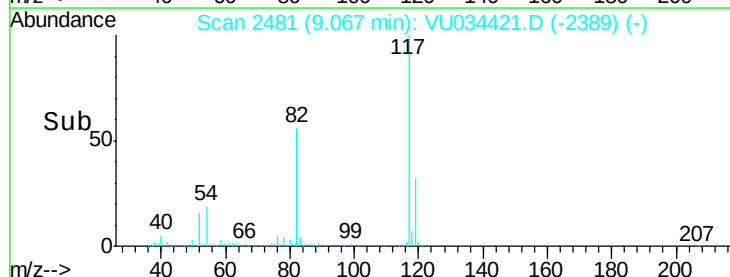


Abundance Ion 116.90 (116.60 to 117.60): VU034421.D (-2389) (-)

Ion 82.00 (81.70 to 82.70): VU034421.D (-2389) (-)

Ion 118.90 (118.60 to 119.60): VU034421.D (-2389) (-)

Time-->



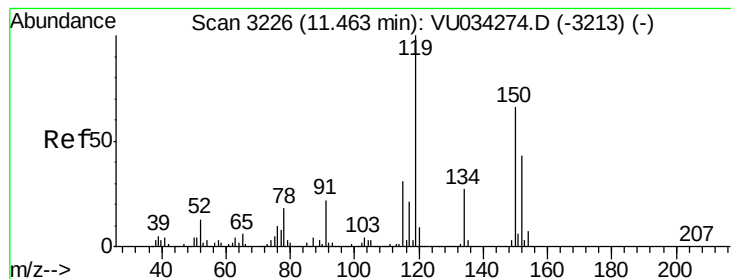
Abundance

Ion 116.90 (116.60 to 117.60): VU034421.D (-2389) (-)

Ion 82.00 (81.70 to 82.70): VU034421.D (-2389) (-)

Ion 118.90 (118.60 to 119.60): VU034421.D (-2389) (-)

Time-->

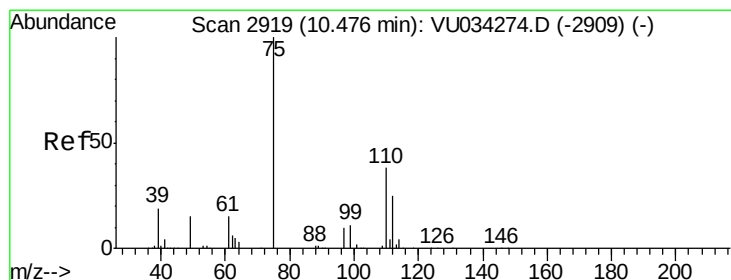
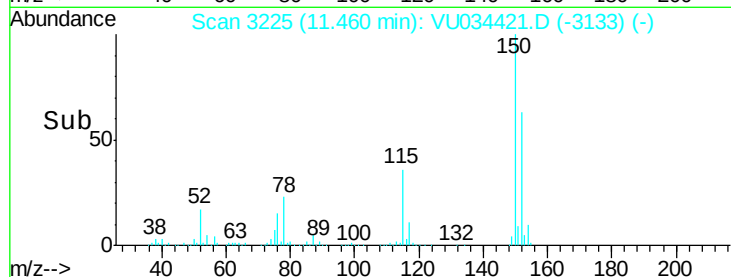
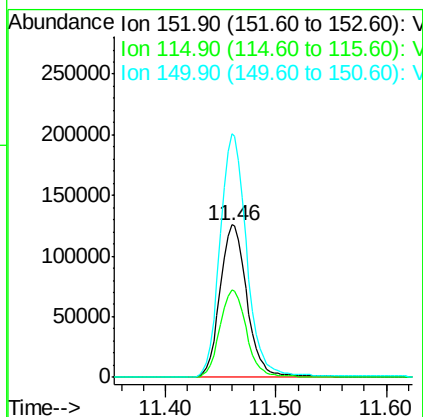
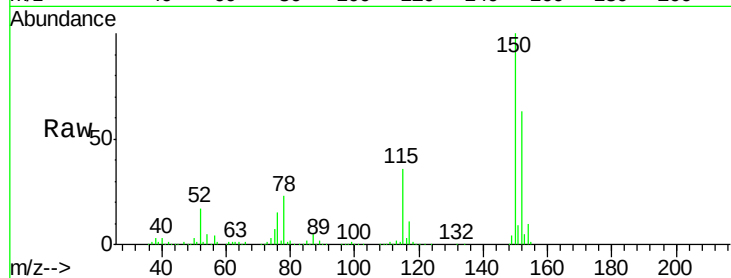


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3225
Delta R.T. -0.00 min
Lab File: VU034421.D
Acq: 09 Sep 2019 10:30

Instrument :
MSVOA_U
ClientSampleId :
T12-F4-(2.7)

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.4	39.1	117.3
150	157.9	0.0	345.4



#76

1,2,3-Trichloropropane
Concen: 21.850 ug/l
RT: 10.29 min Scan# 2860
Delta R.T. -0.19 min
Lab File: VU034421.D
Acq: 09 Sep 2019 10:30

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.4	20.8	62.2

