

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090919\
 Data File : VU034428.D
 Acq On : 09 Sep 2019 13:13
 Operator : JC/SP
 Sample : K4602-22
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T12-G3-(0)

Quant Time: Sep 10 06:22:43 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

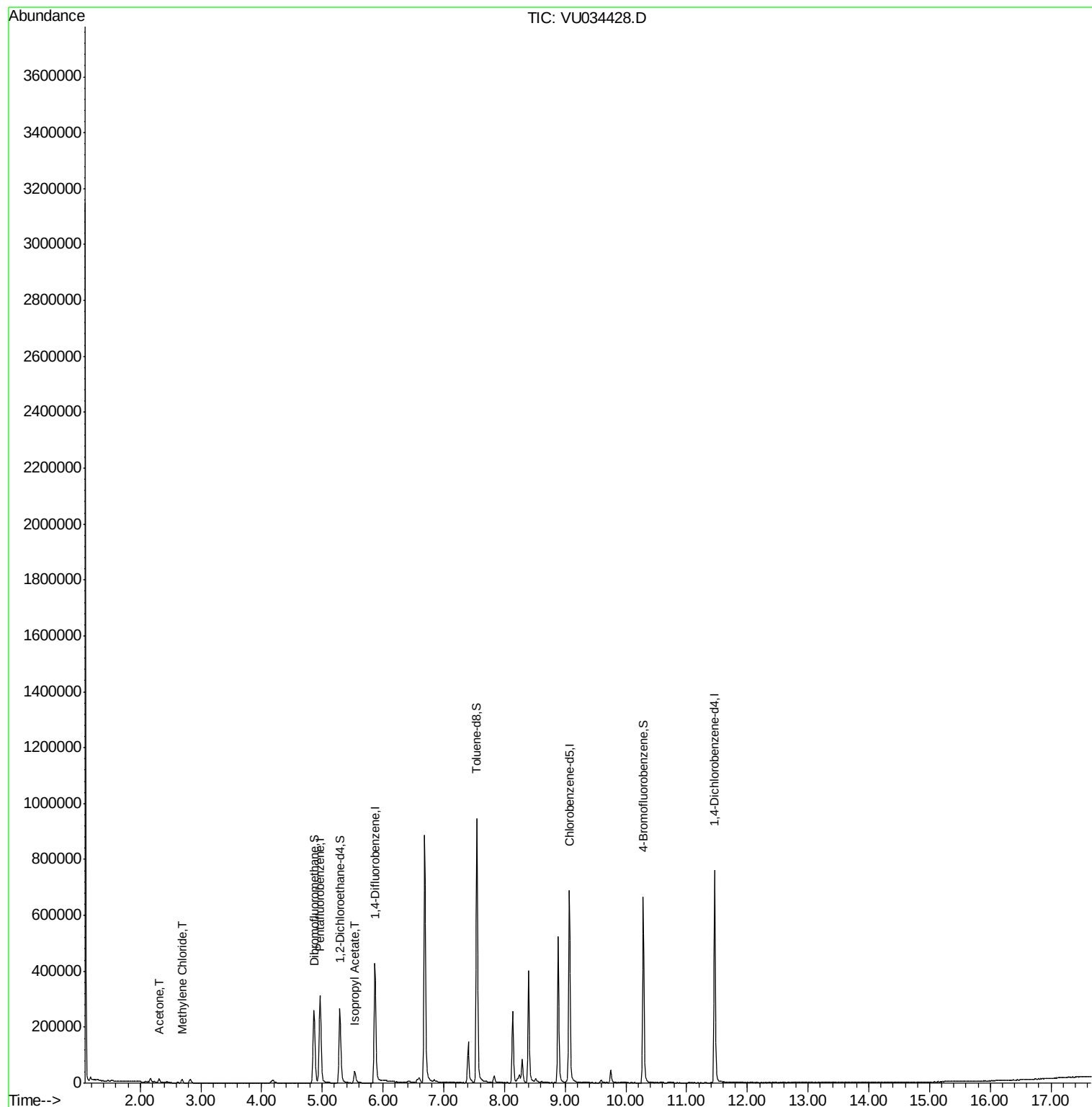
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	261461	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	387168	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	415416	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	222641	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	211310	53.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.84%	
35) Dibromofluoromethane	4.86	113	186314	51.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.44%	
50) Toluene-d8	7.54	98	678343	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
62) 4-Bromofluorobenzene	10.29	95	227701	43.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.14%	
Target Compounds						
16) Acetone	2.31	43	13926	6.802	ug/l	99
20) Methylene Chloride	2.69	84	5911	1.374	ug/l	96
43) Isopropyl Acetate	5.53	43	52511	6.780	ug/l	99

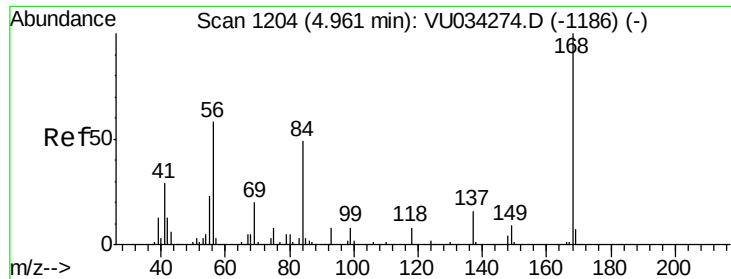
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034428.D

Acq: 09 Sep 2019 13:13

Instrument :

MSVOA_U

ClientSampleId :

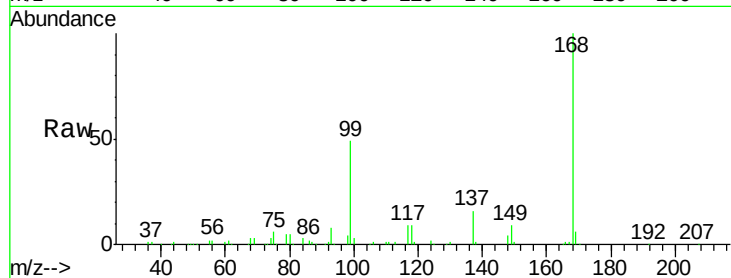
T12-G3-(0)

Tot Ion:168 Resp: 261461

Ion Ratio Lower Upper

168 100

99 49.5 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034428.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034428.D (-1186) (-)

4.96

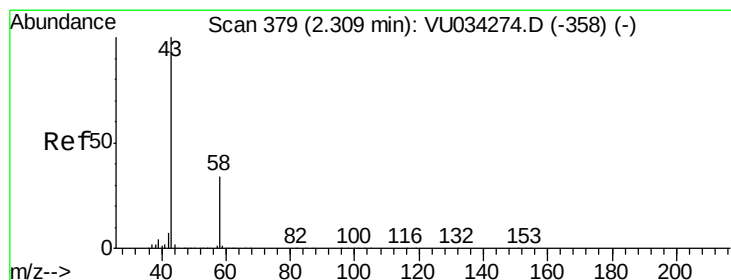
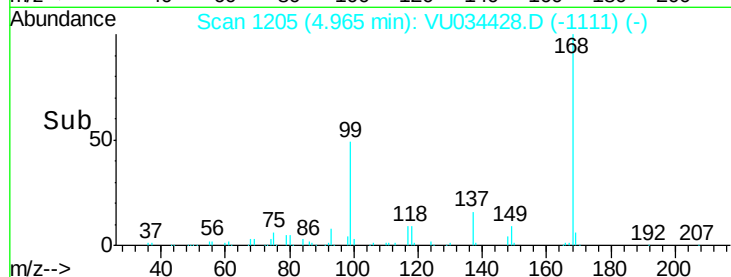
100000

50000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 6.802 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034428.D

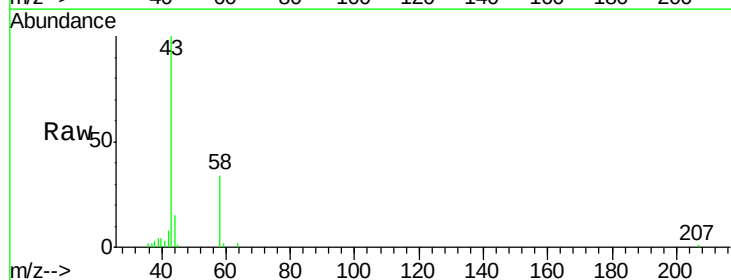
Acq: 09 Sep 2019 13:13

Tgt Ion: 43 Resp: 13926

Ion Ratio Lower Upper

43 100

58 35.2 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034428.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034428.D (-286) (-)

2.31

10000

8000

6000

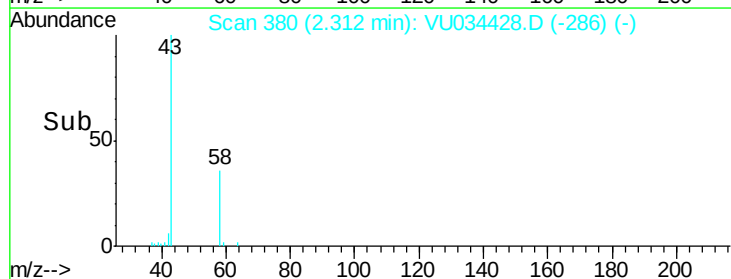
4000

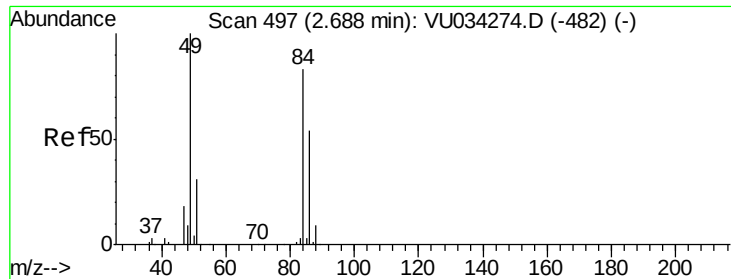
2000

0

2.25 2.30 2.35 2.40

Time-->

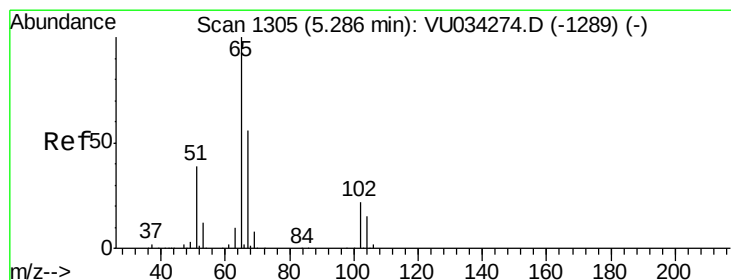
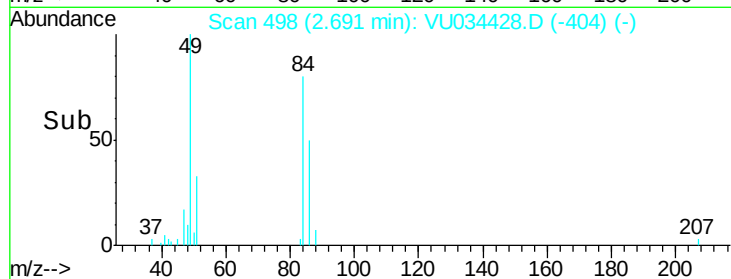
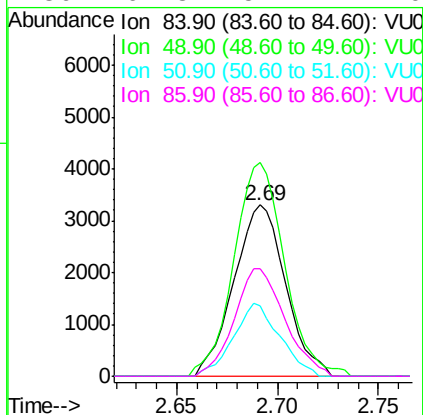
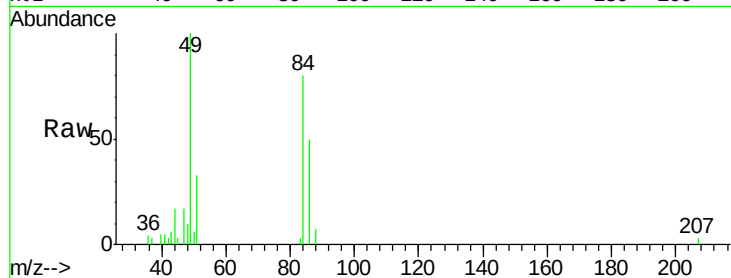




#20
Methylene Chloride
Concen: 1.374 ug/l
RT: 2.69 min Scan# 498
Delta R.T. 0.00 min
Lab File: VU034428.D
Acq: 09 Sep 2019 13:13

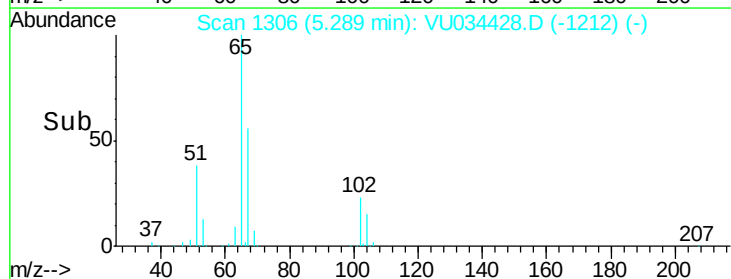
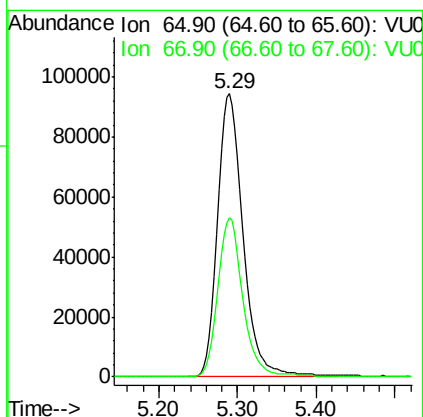
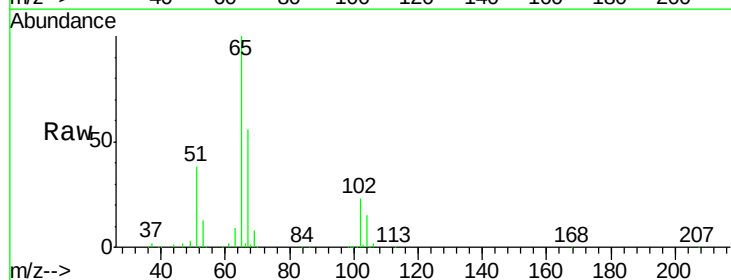
Instrument :
MSVOA_U
ClientSampleId :
T12-G3-(0)

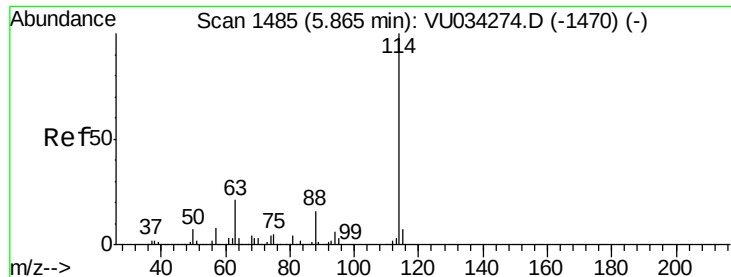
Tot Ion:	84	Resp:	5911
Ion	Ratio	Lower	Upper
84	100		
49	124.8	96.0	144.0
51	40.8	30.0	45.0
86	62.8	51.4	77.0



#33
1,2-Dichloroethane-d4
Concen: 53.415 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034428.D
Acq: 09 Sep 2019 13:13

Tgt Ion:	65	Resp:	211310
Ion	Ratio	Lower	Upper
65	100		
67	55.3	0.0	112.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034428.D

Acq: 09 Sep 2019 13:13

Instrument :

MSVOA_U

ClientSampleId :

T12-G3-(0)

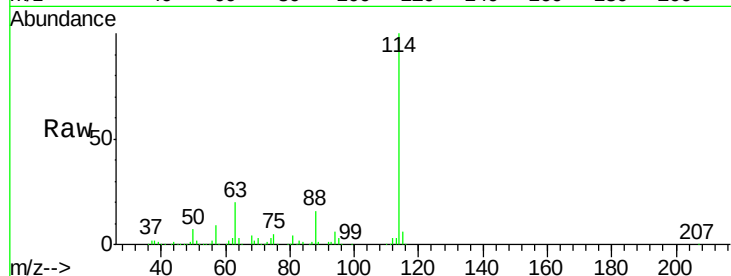
Tot Ion:114 Resp: 387168

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

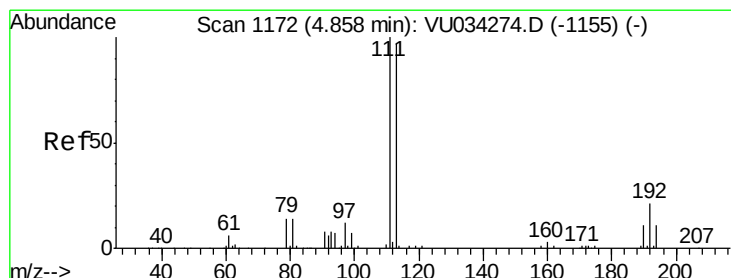
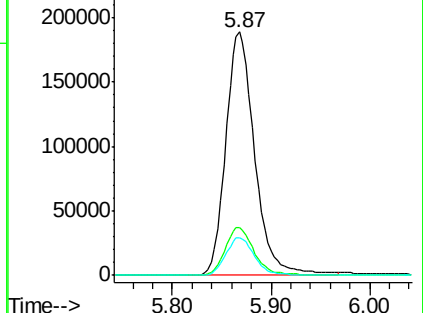
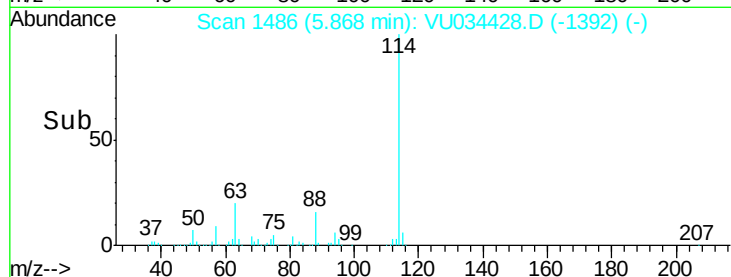
88 15.6 0.0 32.4



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: 51.716 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034428.D

Acq: 09 Sep 2019 13:13

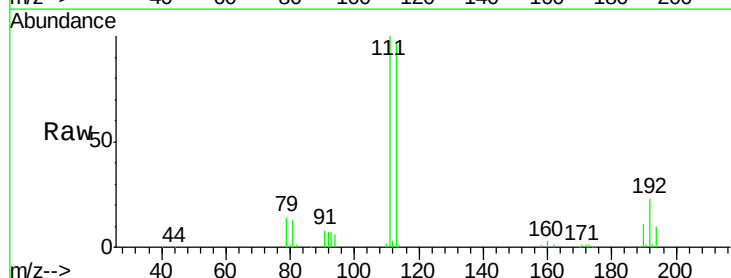
Tgt Ion:113 Resp: 186314

Ion Ratio Lower Upper

113 100

111 102.2 81.5 122.3

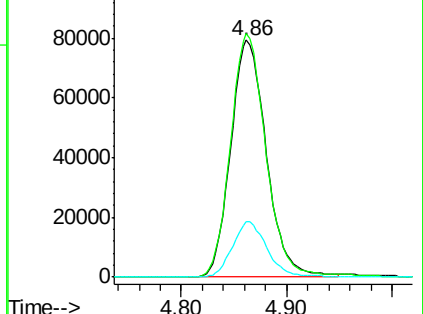
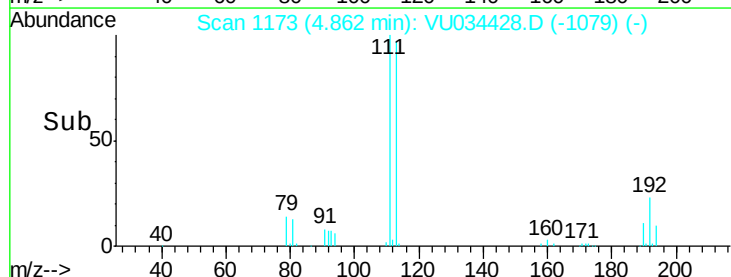
192 22.8 17.8 26.8

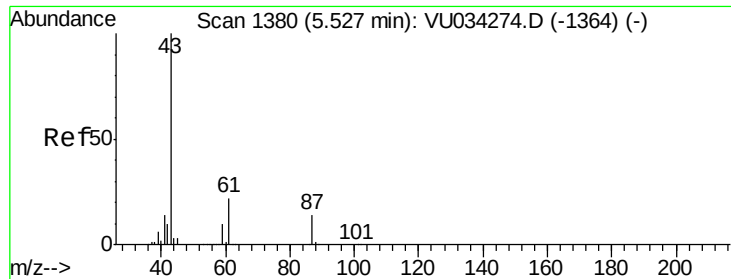


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 6.780 ug/l

RT: 5.53 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VU034428.D

Acq: 09 Sep 2019 13:13

Instrument :

MSVOA_U

ClientSampleId :

T12-G3-(0)

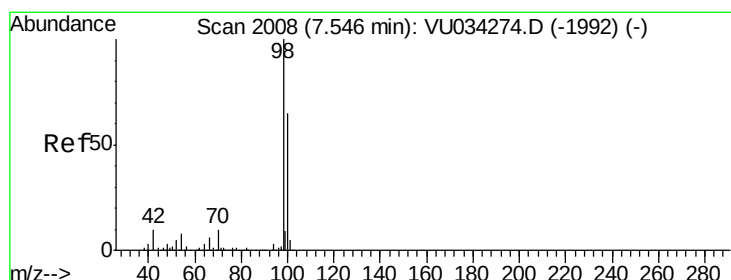
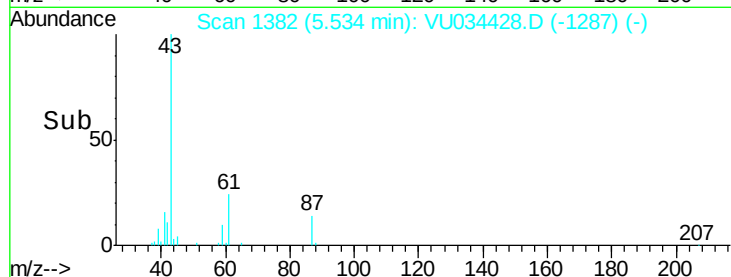
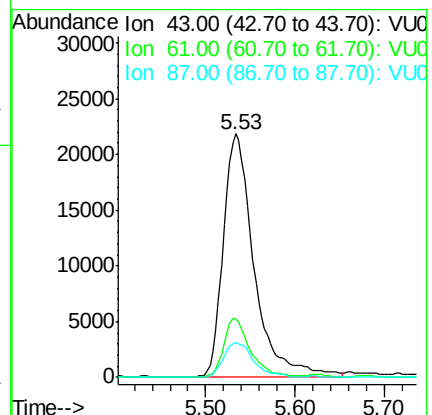
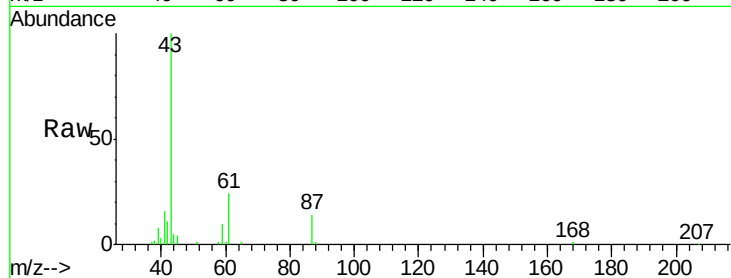
Tot Ion: 43 Resp: 52511

Ion Ratio Lower Upper

43 100

61 21.0 17.1 25.7

87 13.8 11.1 16.7



#50

Toluene-d8

Concen: 50.117 ug/l

RT: 7.54 min Scan# 2007

Delta R.T. -0.00 min

Lab File: VU034428.D

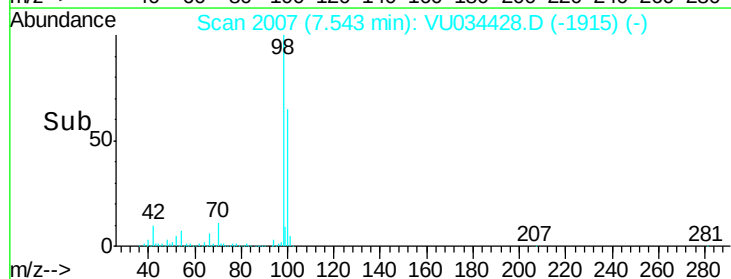
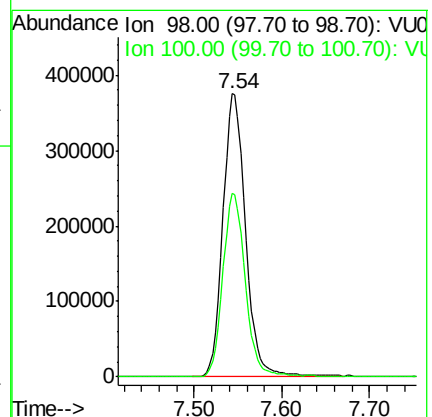
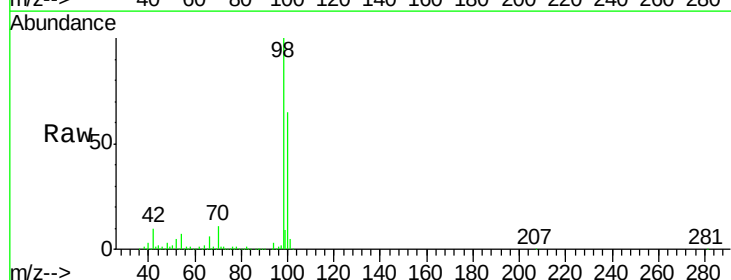
Acq: 09 Sep 2019 13:13

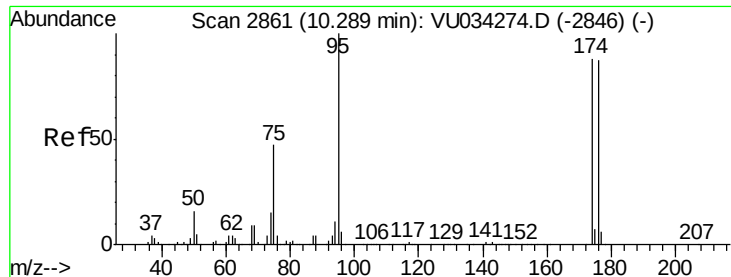
Tgt Ion: 98 Resp: 678343

Ion Ratio Lower Upper

98 100

100 63.9 51.7 77.5

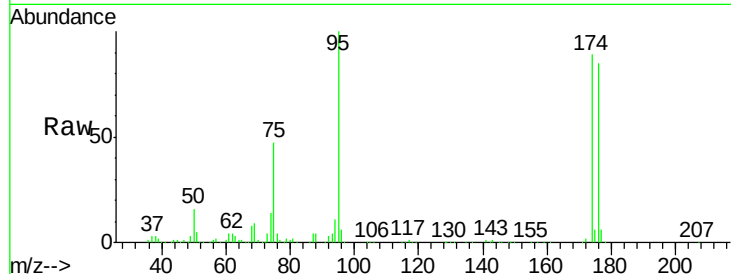




#62
4-Bromofluorobenzene
Concen: 43.572 ug/l
RT: 10.29 min Scan# 2860
Delta R.T. -0.00 min
Lab File: VU034428.D
Acq: 09 Sep 2019 13:13

Instrument :
MSVOA_U
ClientSampleId :
T12-G3-(0)

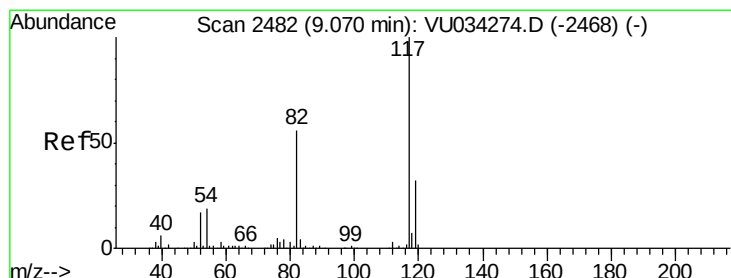
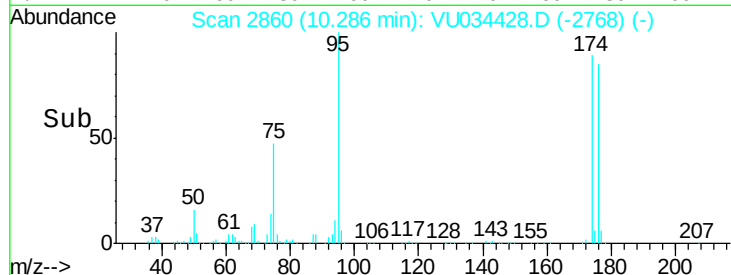
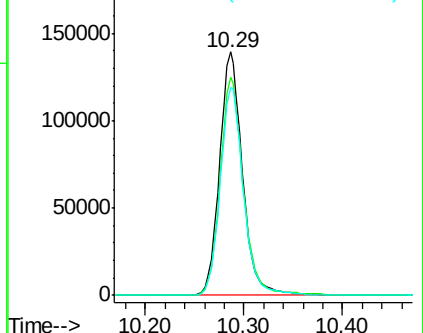
Tot Ion	Ratio	Lower	Upper
95	100		
174	90.4	0.0	175.2
176	86.3	0.0	168.0



Abundance Ion 94.90 (94.60 to 95.60): VU034428.D (-2846) (-)

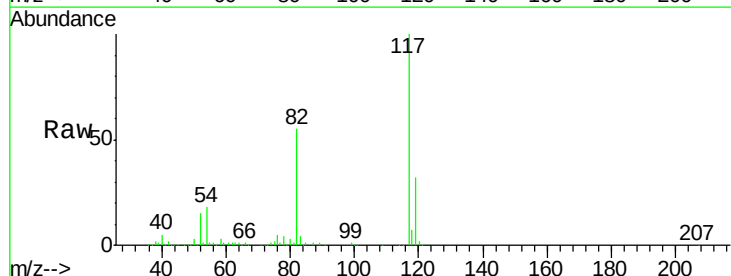
Ion 173.80 (173.50 to 174.50): VU034428.D (-2846) (-)

Ion 175.80 (175.50 to 176.50): VU034428.D (-2846) (-)



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2481
Delta R.T. -0.00 min
Lab File: VU034428.D
Acq: 09 Sep 2019 13:13

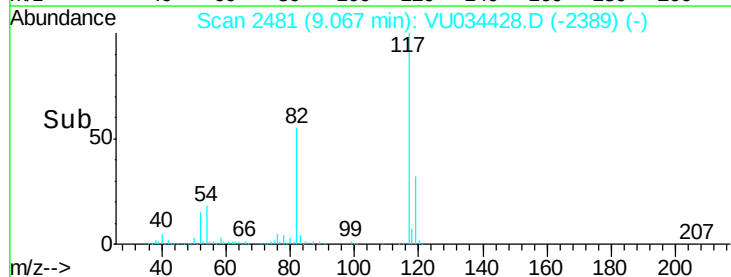
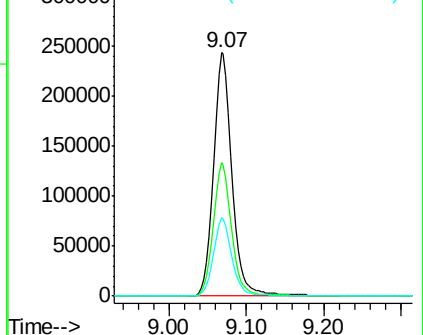
Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.9	44.6	67.0
119	32.1	25.9	38.9

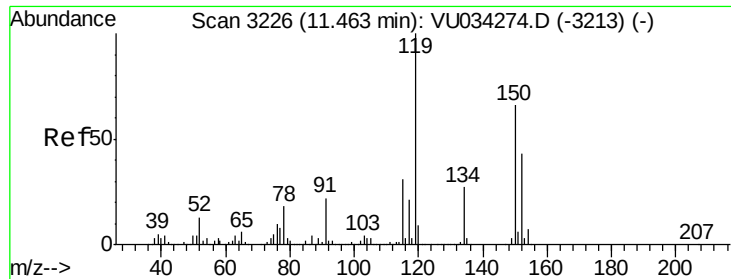


Abundance Ion 116.90 (116.60 to 117.60): VU034428.D (-2389) (-)

Ion 82.00 (81.70 to 82.70): VU034428.D (-2389) (-)

Ion 118.90 (118.60 to 119.60): VU034428.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: VU034428.D

Acq: 09 Sep 2019 13:13

Instrument :

MSVOA_U

ClientSampleId :

T12-G3-(0)

Tot Ion:152 Resp: 222641

Ion Ratio Lower Upper

152 100

115 55.8 39.1 117.3

150 157.3 0.0 345.4

