

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090619\
 Data File : VU034300.D
 Acq On : 05 Sep 2019 21:44
 Operator : JC/SP
 Sample : K4548-16
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T8-S-G3-(0)

Quant Time: Sep 06 08:36:09 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	432749	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	665697	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	684849	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	338996	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.29	65	277440	42.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.74%	
35) Dibromofluoromethane	4.86	113	242566	39.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.32%	
50) Toluene-d8	7.55	98	966160	41.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.04%	
62) 4-Bromofluorobenzene	10.29	95	344306	38.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.64%	

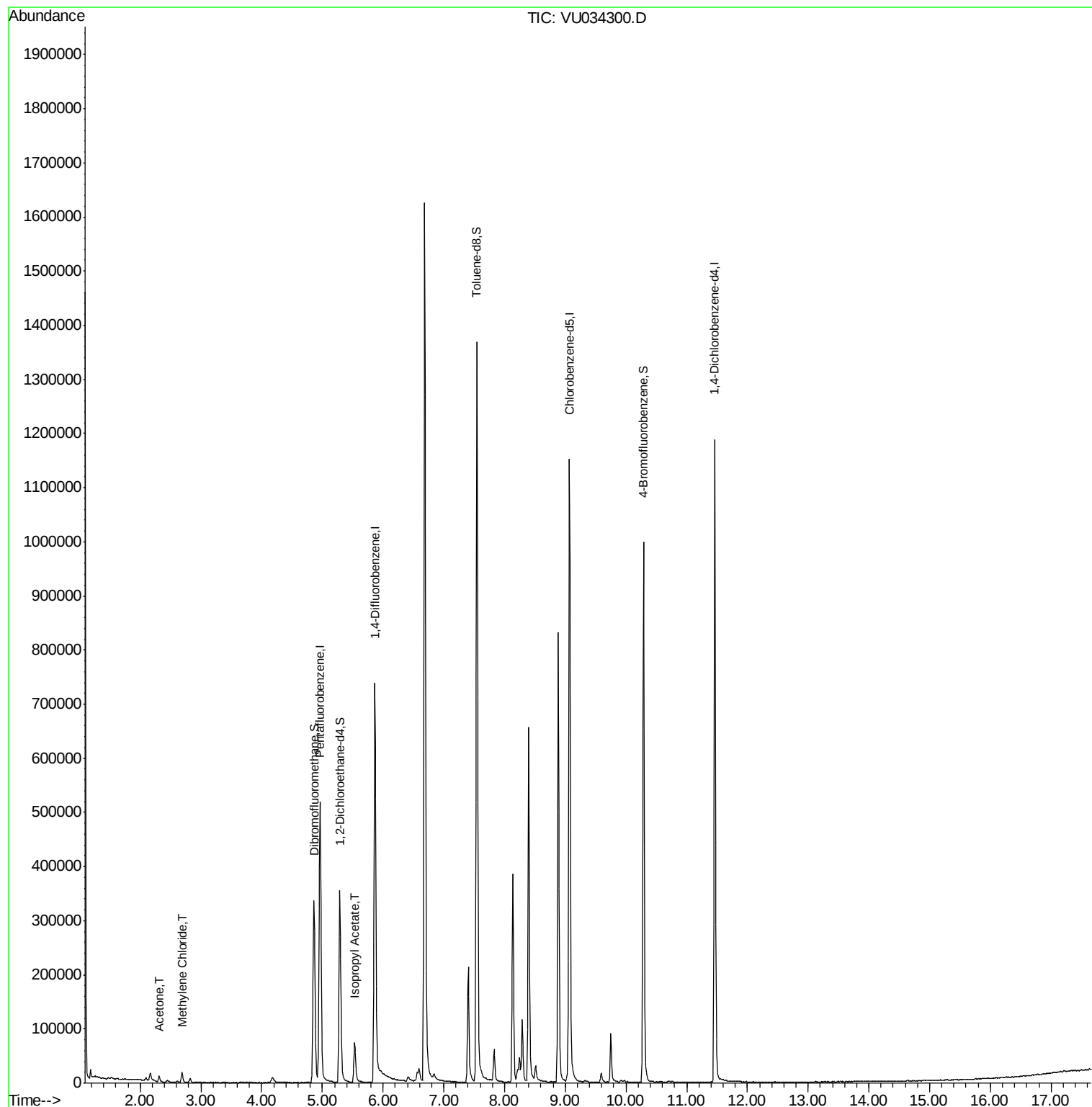
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	11548	3.408	ug/l	99
20) Methylene Chloride	2.69	84	8661	1.170	ug/l	97
43) Isopropyl Acetate	5.53	43	89177	6.697	ug/l	99

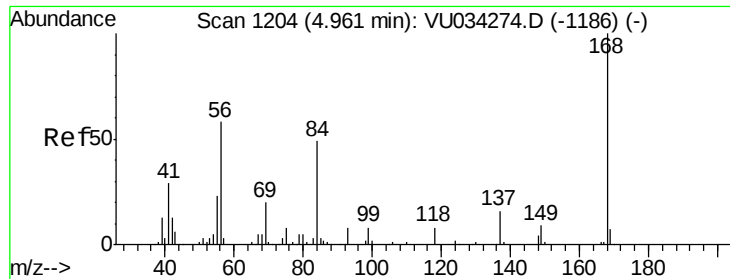
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1204

Delta R.T. 0.00 min

Lab File: VU034300.D

Acq: 05 Sep 2019 21:44

Instrument :

MSVOA_U

ClientSampleId :

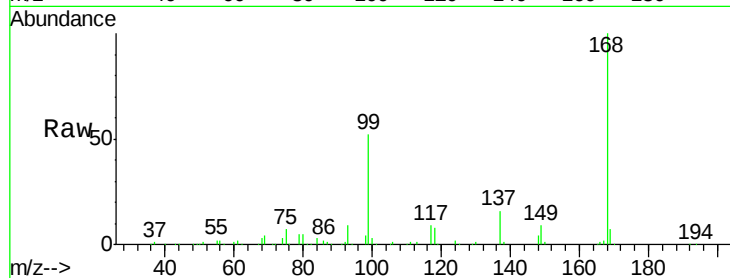
T8-S-G3-(0)

Tot Ion:168 Resp: 432749

Ion Ratio Lower Upper

168 100

99 51.9 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034274.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034274.D (-1186) (-)

4.96

200000

150000

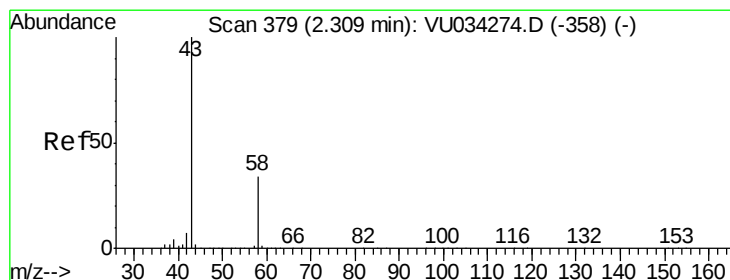
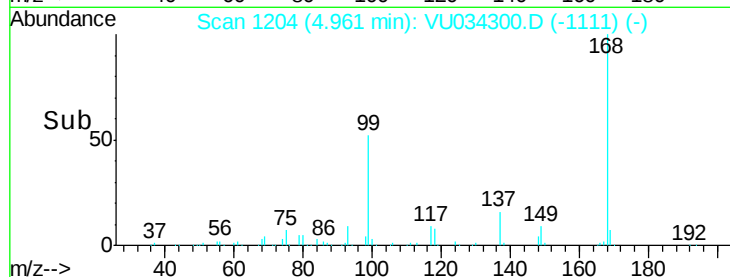
100000

50000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 3.408 ug/l

RT: 2.32 min Scan# 381

Delta R.T. 0.01 min

Lab File: VU034300.D

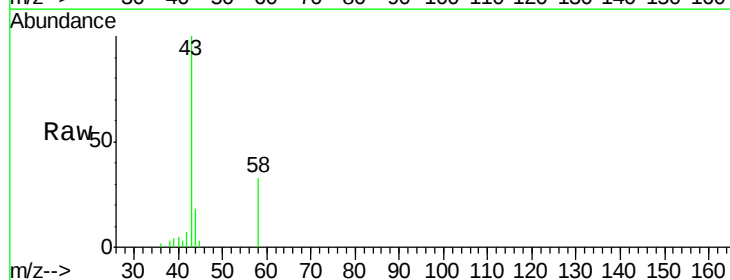
Acq: 05 Sep 2019 21:44

Tgt Ion: 43 Resp: 11548

Ion Ratio Lower Upper

43 100

58 34.1 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034274.D (-358) (-)

Ion 58.00 (57.70 to 58.70): VU034274.D (-358) (-)

2.32

8000

6000

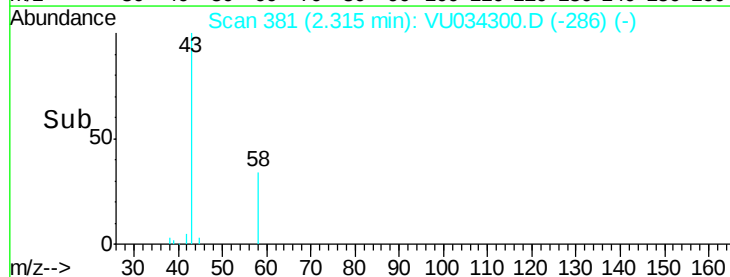
4000

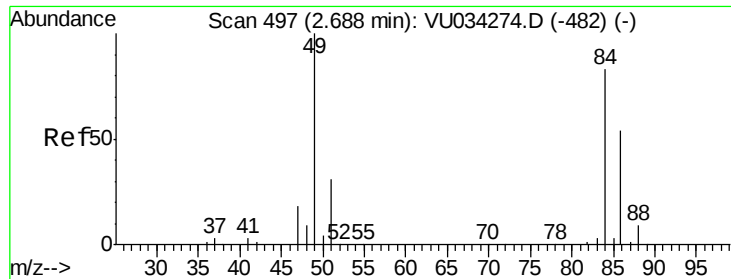
2000

0

2.25 2.30 2.35

Time-->

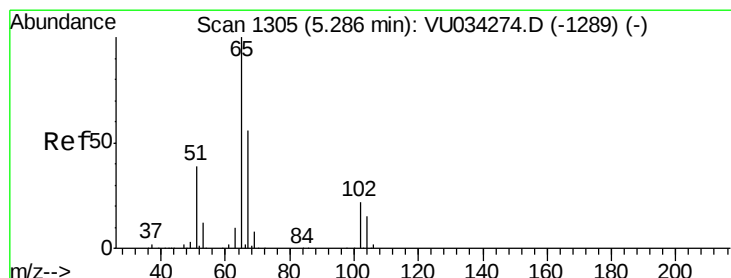
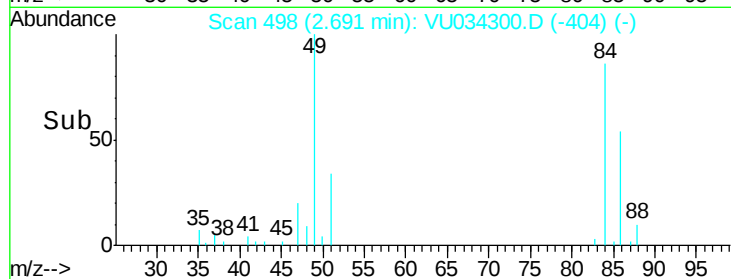
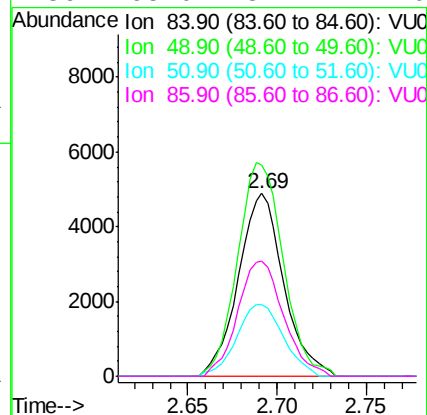
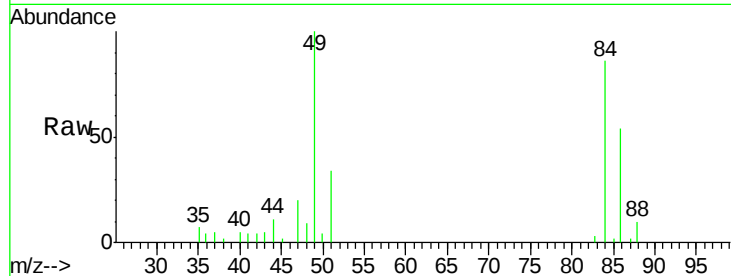




#20
Methylene Chloride
Concen: 1.170 ug/l
RT: 2.69 min Scan# 498
Delta R.T. 0.00 min
Lab File: VU034300.D
Acq: 05 Sep 2019 21:44

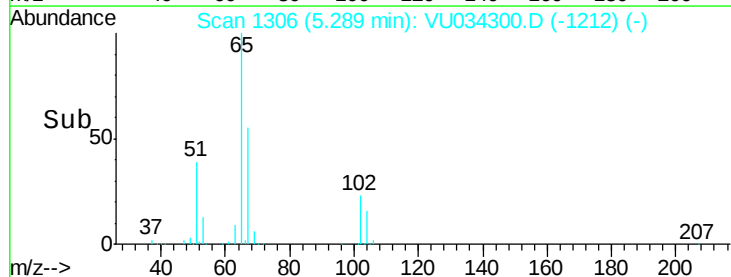
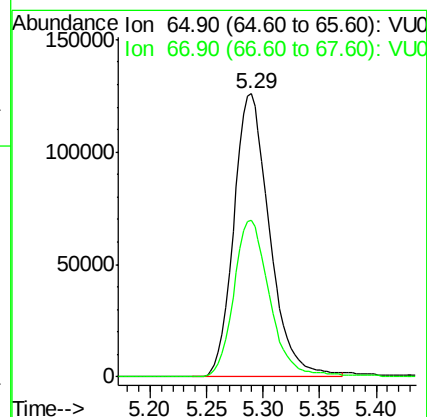
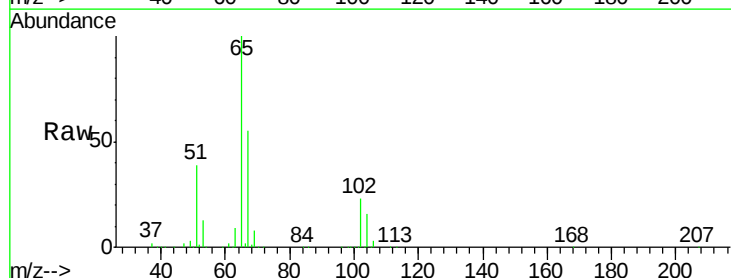
Instrument :
MSVOA_U
ClientSampled :
T8-S-G3-(0)

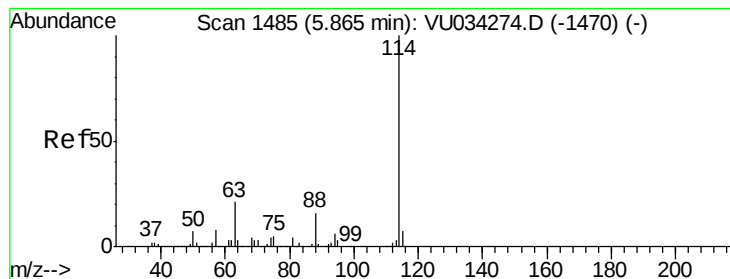
Tot Ion:	84	Resp:	8661
Ion	Ratio	Lower	Upper
84	100		
49	115.8	96.0	144.0
51	39.5	30.0	45.0
86	63.0	51.4	77.0



#33
1,2-Dichloroethane-d4
Concen: 42.373 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034300.D
Acq: 05 Sep 2019 21:44

Tgt Ion:	65	Resp:	277440
Ion	Ratio	Lower	Upper
65	100		
67	55.4	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: VU034300.D

Acq: 05 Sep 2019 21:44

Instrument :

MSVOA_U

ClientSampleId :

T8-S-G3-(0)

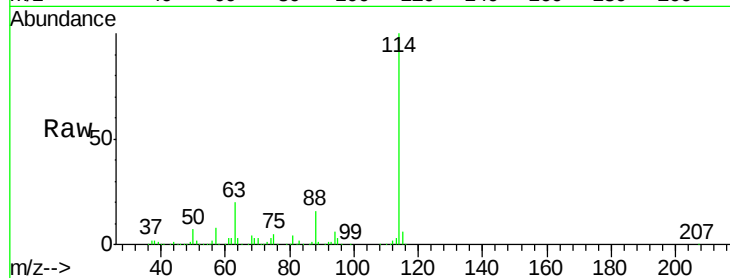
Tot Ion:114 Resp: 665697

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.4

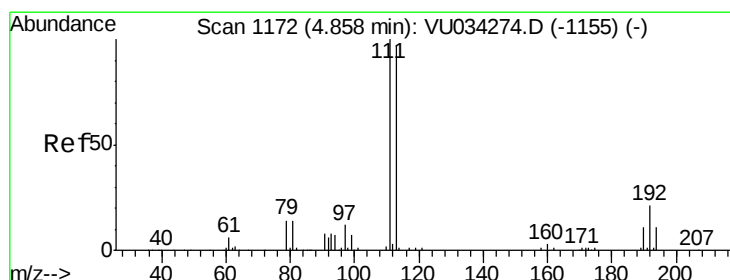
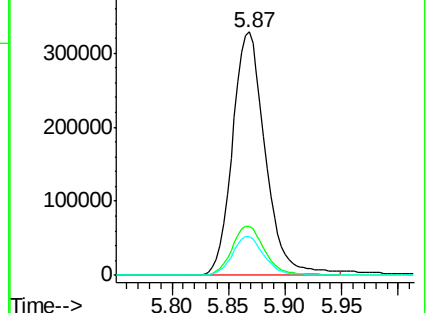
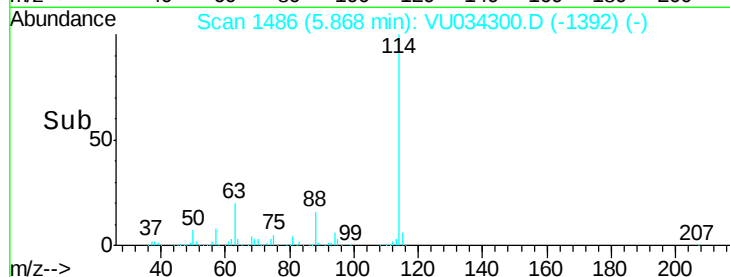
88 15.9 0.0 32.4



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: 39.159 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034300.D

Acq: 05 Sep 2019 21:44

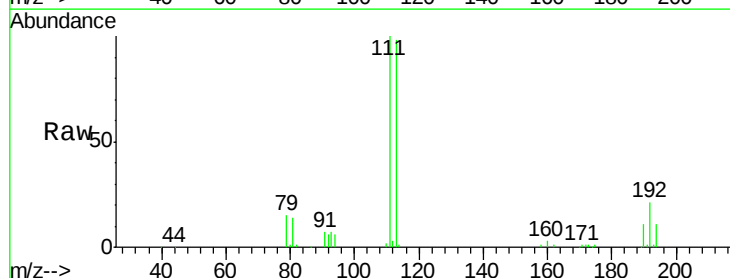
Tgt Ion:113 Resp: 242566

Ion Ratio Lower Upper

113 100

111 105.0 81.5 122.3

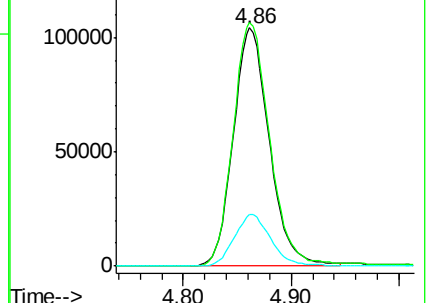
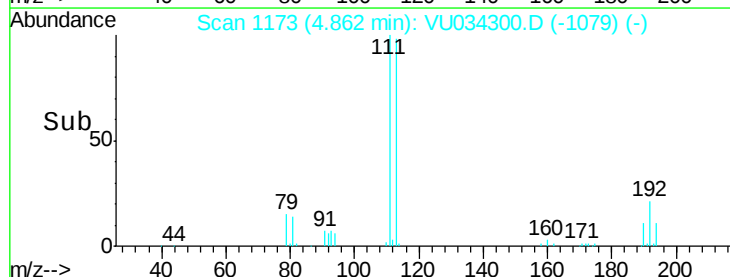
192 22.1 17.8 26.8

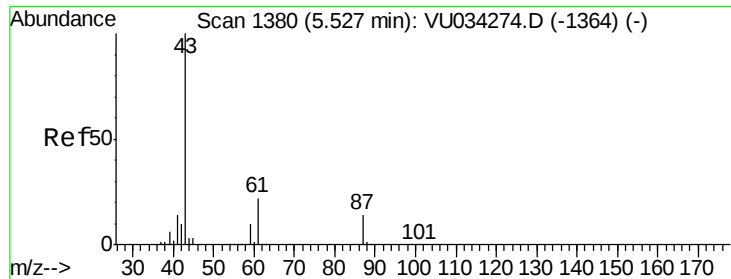


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 6.697 ug/l

RT: 5.53 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VU034300.D

Acq: 05 Sep 2019 21:44

Instrument :

MSVOA_U

ClientSampleId :

T8-S-G3-(0)

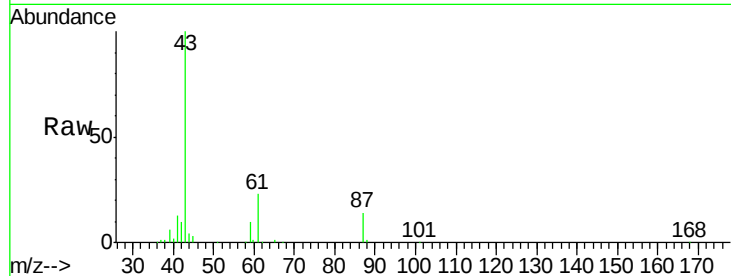
Tot Ion: 43 Resp: 89177

Ion Ratio Lower Upper

43 100

61 21.4 17.1 25.7

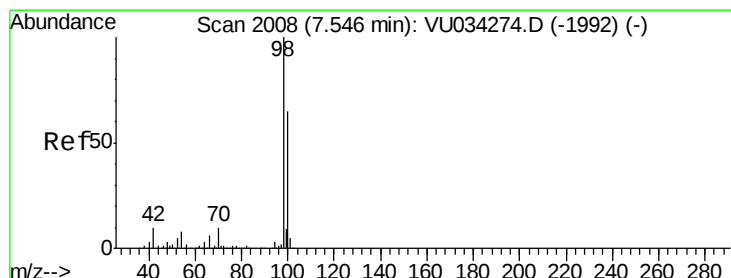
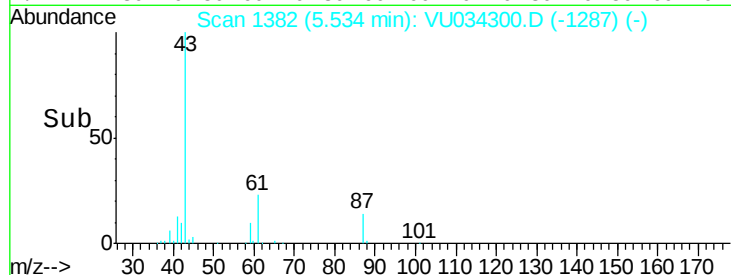
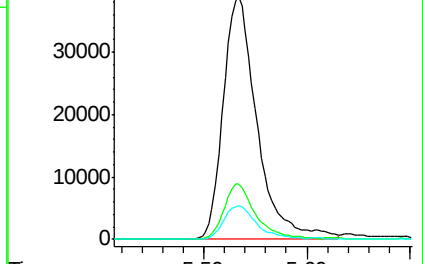
87 13.3 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VU034300.D (-1287) (-)

Ion 61.00 (60.70 to 61.70): VU034300.D (-1287) (-)

Ion 87.00 (86.70 to 87.70): VU034300.D (-1287) (-)



#50

Toluene-d8

Concen: 41.516 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034300.D

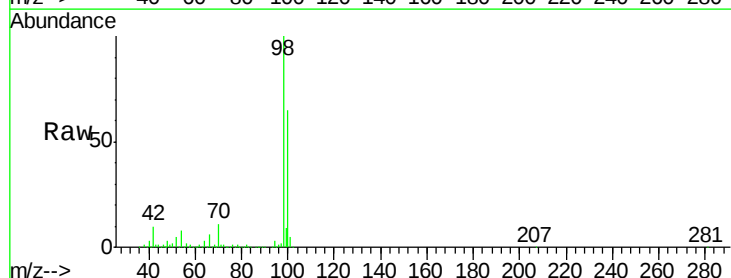
Acq: 05 Sep 2019 21:44

Tgt Ion: 98 Resp: 966160

Ion Ratio Lower Upper

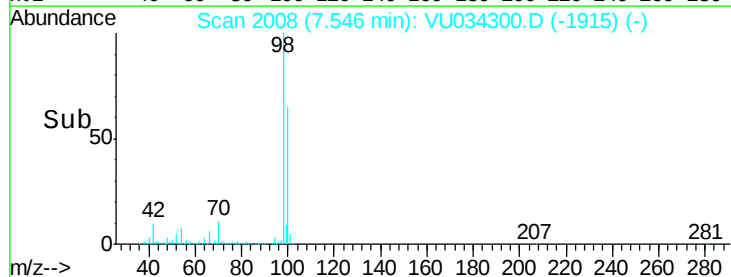
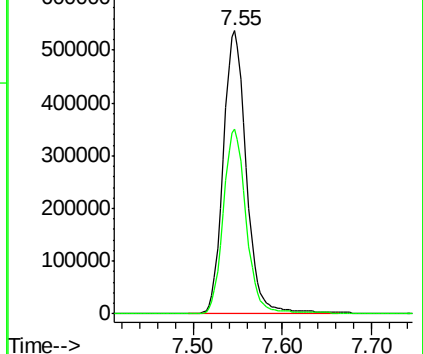
98 100

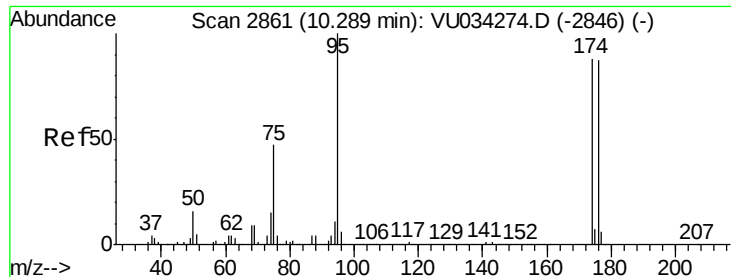
100 64.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VU034300.D (-1915) (-)

Ion 100.00 (99.70 to 100.70): VU034300.D (-1915) (-)

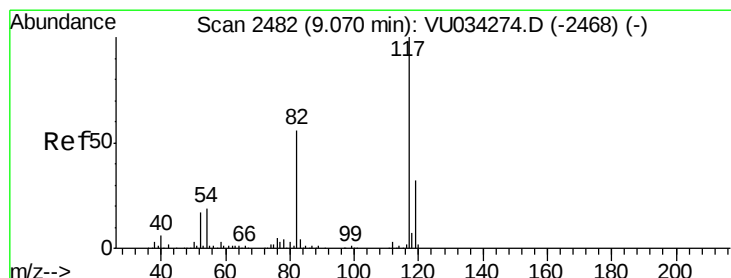
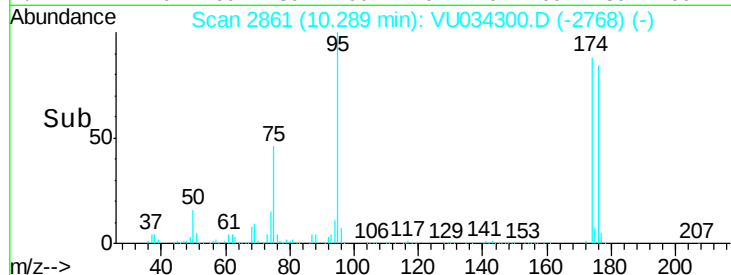
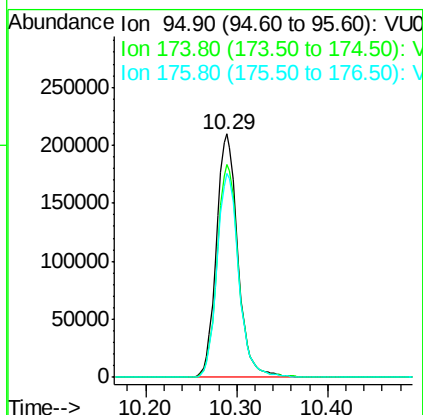
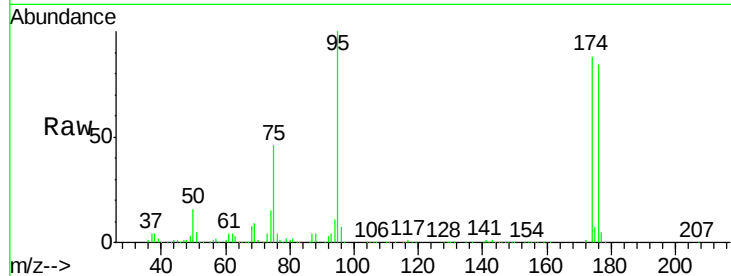




#62
4-Bromofluorobenzene
Concen: 38.319 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VU034300.D
Acq: 05 Sep 2019 21:44

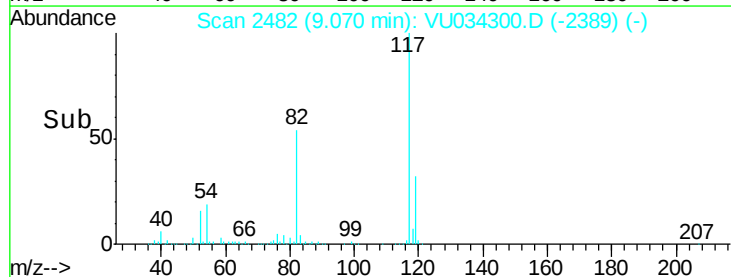
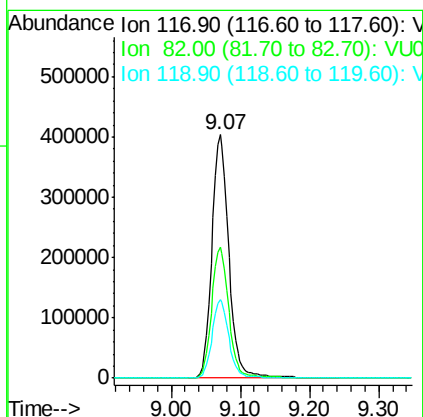
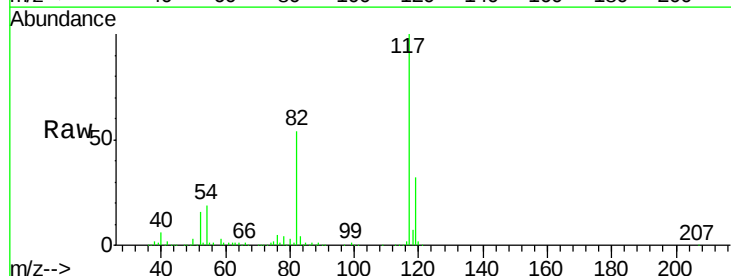
Instrument :
MSVOA_U
ClientSampleId :
T8-S-G3-(0)

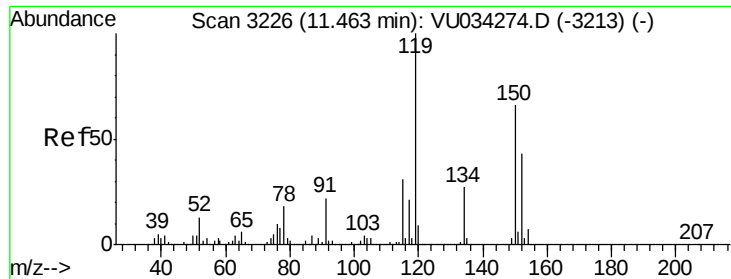
Tot Ion: 95 Resp: 344306
Ion Ratio Lower Upper
95 100
174 87.8 0.0 175.2
176 84.4 0.0 168.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034300.D
Acq: 05 Sep 2019 21:44

Tgt Ion: 117 Resp: 684849
Ion Ratio Lower Upper
117 100
82 53.9 44.6 67.0
119 32.4 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. 0.00 min

Lab File: VU034300.D

Acq: 05 Sep 2019 21:44

Instrument :

MSVOA_U

ClientSampleId :

T8-S-G3-(0)

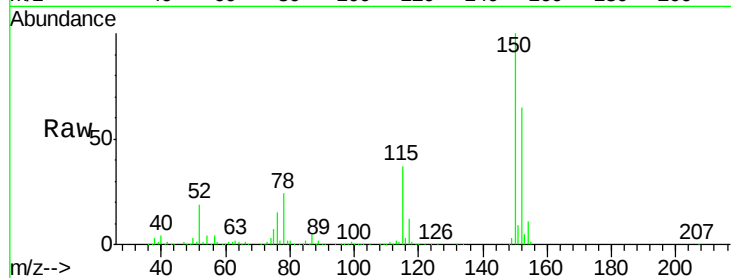
Tot Ion:152 Resp: 338996

Ion Ratio Lower Upper

152 100

115 56.2 39.1 117.3

150 155.4 0.0 345.4



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

