

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091219\
 Data File : VU034500.D
 Acq On : 12 Sep 2019 01:17
 Operator : JC/SP
 Sample : K4790-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DRUM-2

Quant Time: Sep 12 06:36:36 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

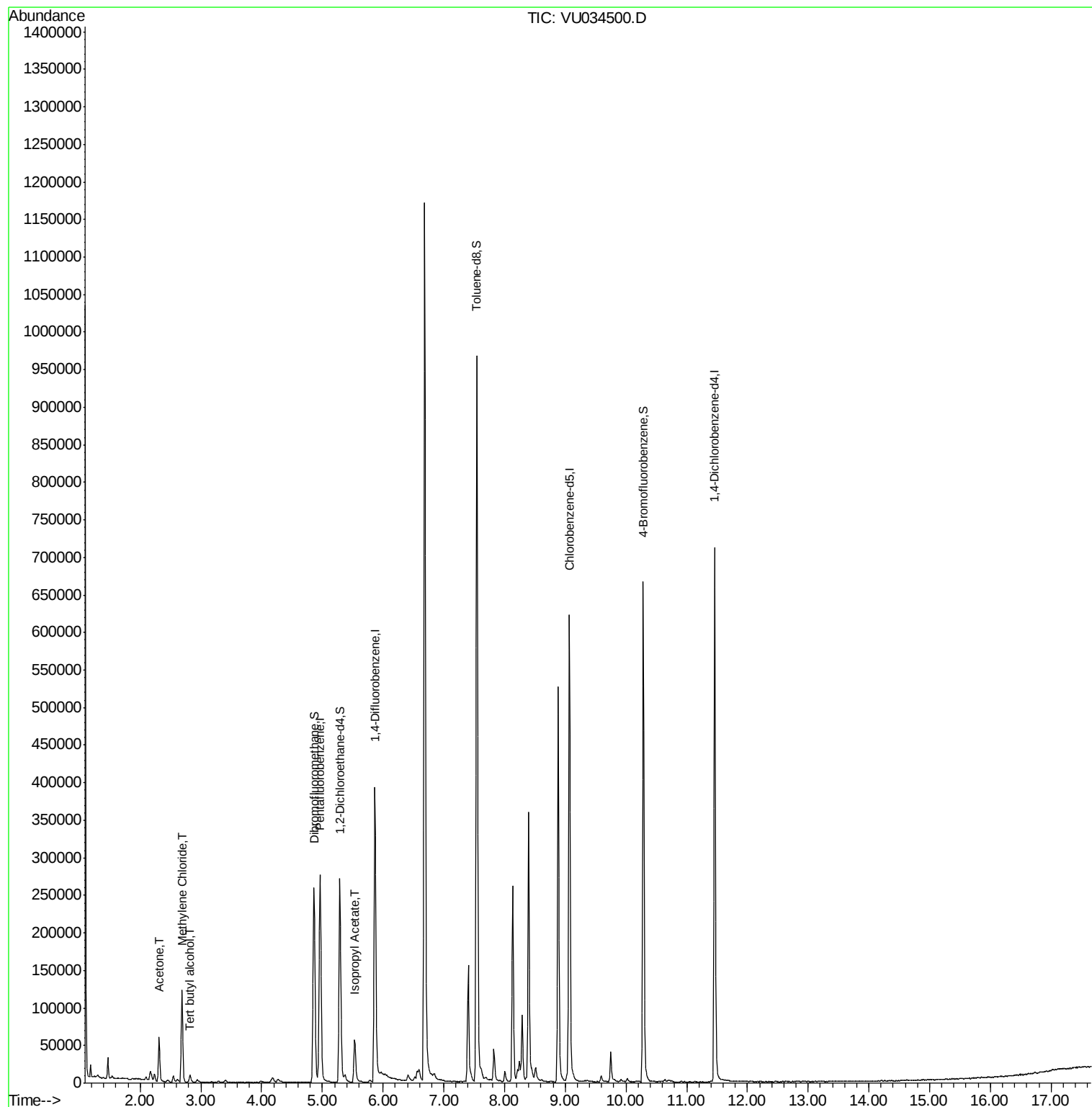
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	227570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	344710	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	365541	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	204918	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	212889	61.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.66%	
35) Dibromofluoromethane	4.86	113	184515	57.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.06%	
50) Toluene-d8	7.54	98	673738	55.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.82%	
62) 4-Bromofluorobenzene	10.29	95	225714	48.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.02%	
Target Compounds						
11) Tert butyl alcohol	2.82	59	7190	9.884	ug/l #	83
16) Acetone	2.31	43	61466	34.496	ug/l	97
20) Methylene Chloride	2.69	84	55738	18.849	ug/l	99
43) Isopropyl Acetate	5.53	43	68450	9.927	ug/l	99

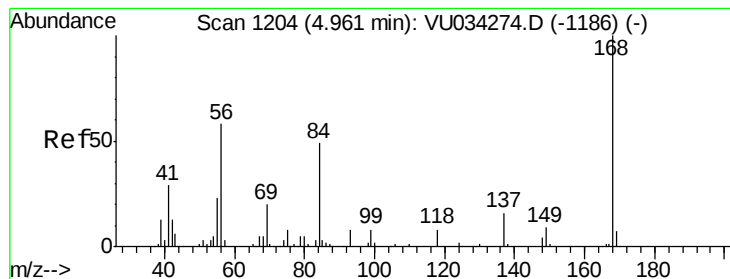
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1205

Delta R.T. 0.00 min

Lab File: VU034500.D

Acq: 12 Sep 2019 01:17

Instrument :

MSVOA_U

ClientSampleId :

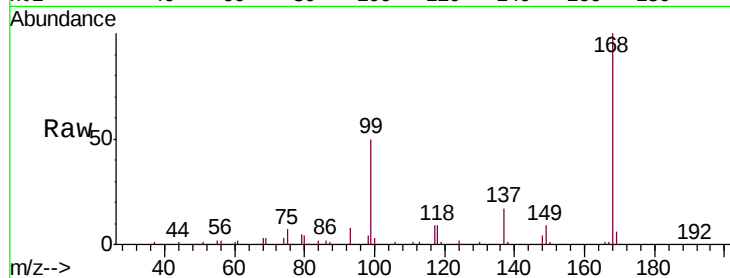
DRUM-2

Tgt Ion:168 Resp: 227570

Ion Ratio Lower Upper

168 100

99 50.2 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034500.D

Ion 98.90 (98.60 to 99.60): VU034500.D

4.96

100000

80000

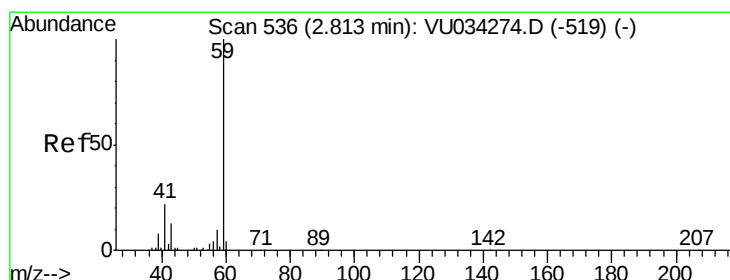
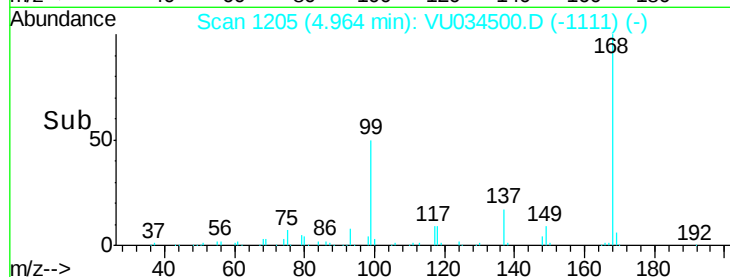
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 9.884 ug/l

RT: 2.82 min Scan# 539

Delta R.T. 0.01 min

Lab File: VU034500.D

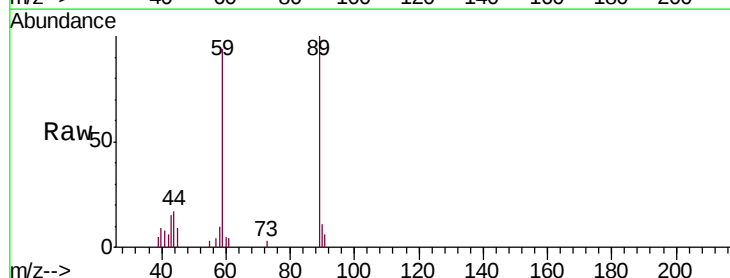
Acq: 12 Sep 2019 01:17

Tgt Ion: 59 Resp: 7190

Ion Ratio Lower Upper

59 100

57 3.4 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VU034500.D

Ion 57.00 (56.70 to 57.70): VU034500.D

2.82

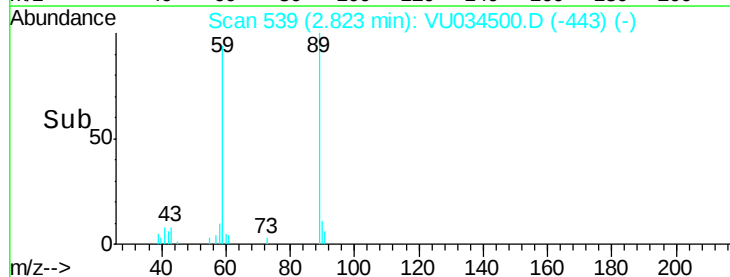
3000

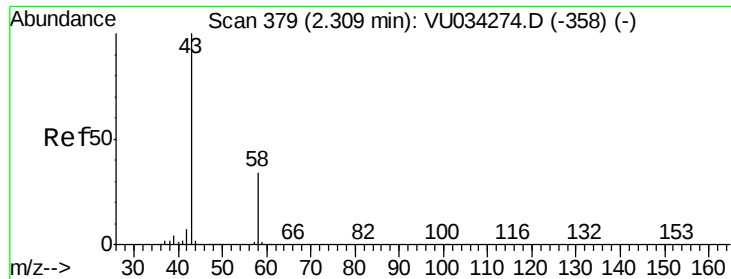
2000

1000

0

Time-->





#16

Acetone

Concen: 34.496 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034500.D

Acq: 12 Sep 2019 01:17

Instrument :

MSVOA_U

ClientSampleId :

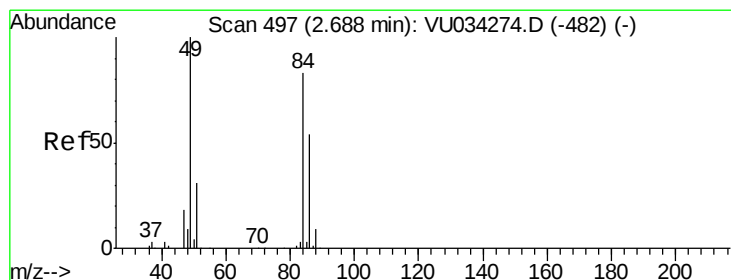
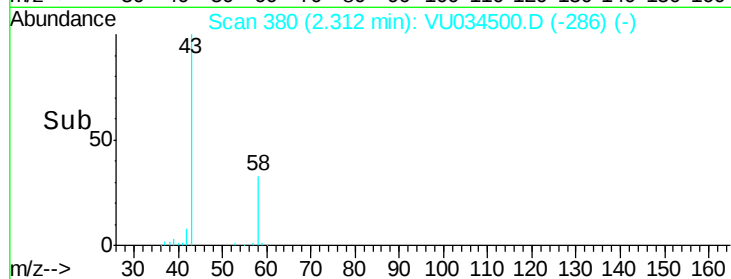
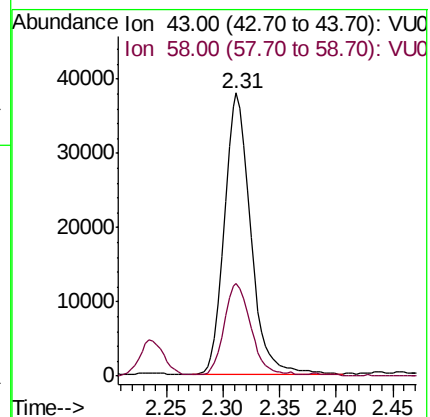
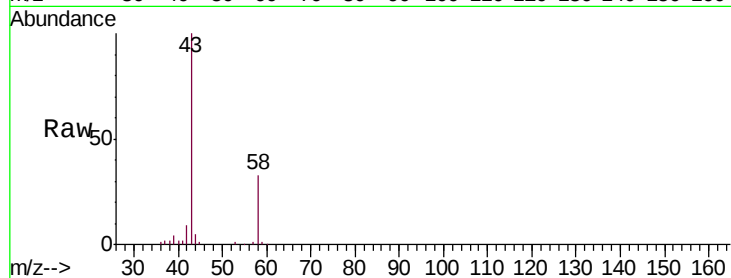
DRUM-2

Tgt Ion: 43 Resp: 61466

Ion Ratio Lower Upper

43 100

58 32.8 27.6 41.4



#20

Methylene Chloride

Concen: 18.849 ug/l

RT: 2.69 min Scan# 497

Delta R.T. -0.00 min

Lab File: VU034500.D

Acq: 12 Sep 2019 01:17

Tgt Ion: 84 Resp: 55738

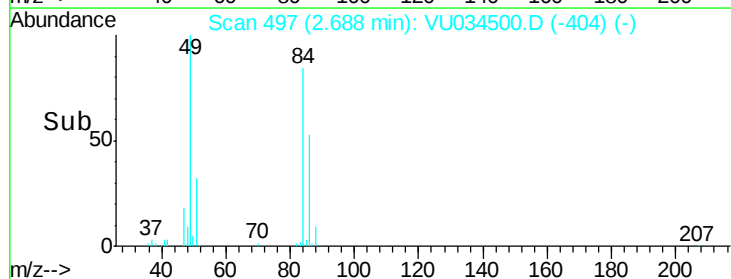
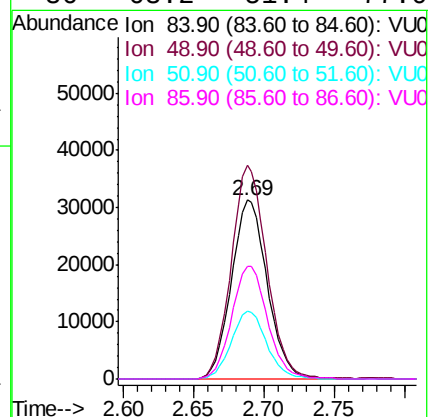
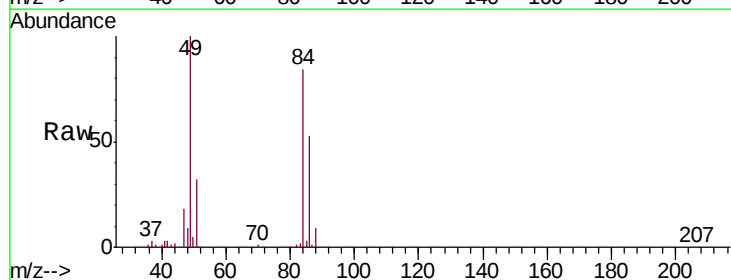
Ion Ratio Lower Upper

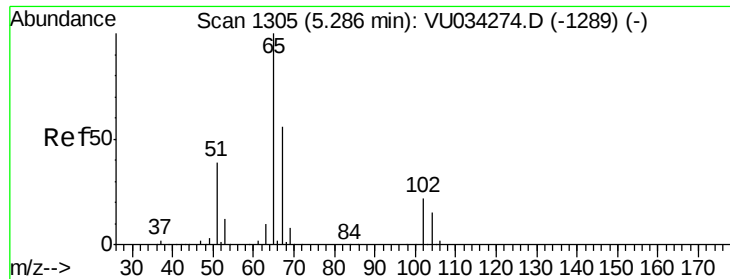
84 100

49 119.5 96.0 144.0

51 37.9 30.0 45.0

86 63.2 51.4 77.0

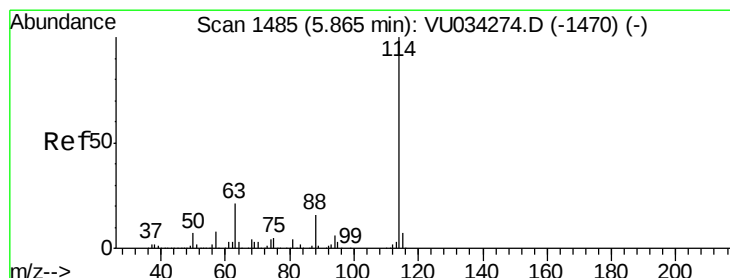
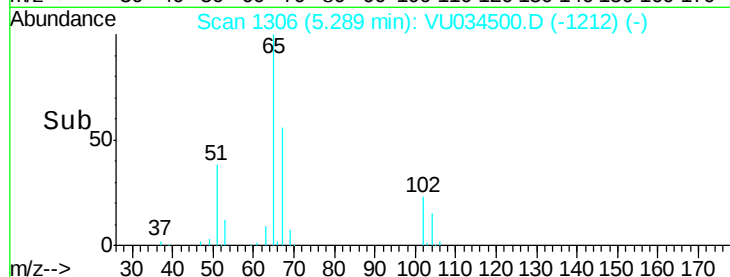
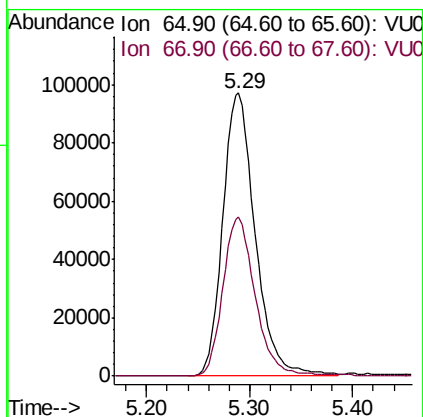
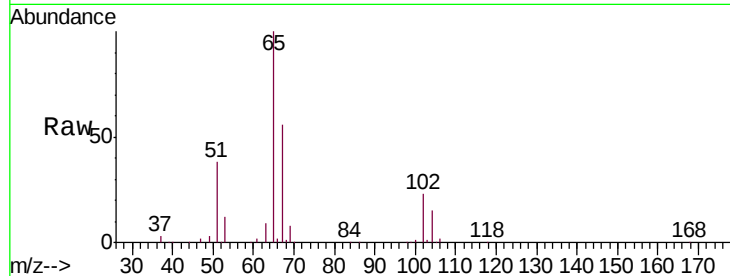




#33
 1,2-Dichloroethane-d4
 Concen: 61.829 ug/l
 RT: 5.29 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: VU034500.D
 Acq: 12 Sep 2019 01:17

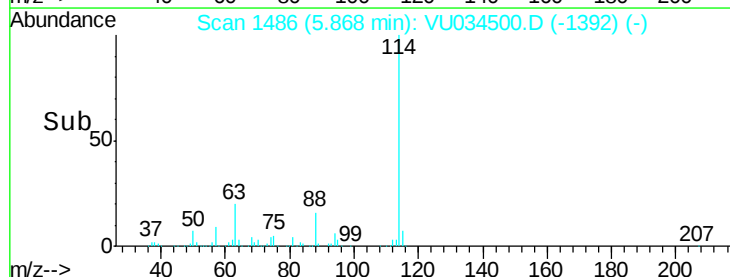
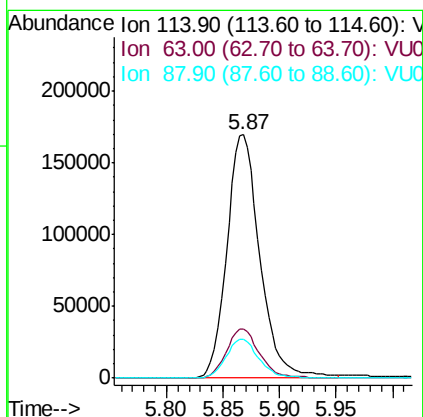
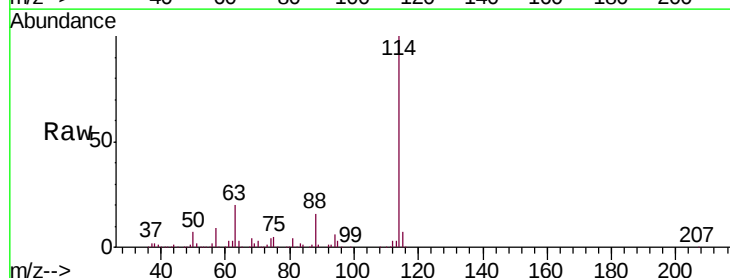
Instrument :
 MSVOA_U
 ClientSampleId :
 DRUM-2

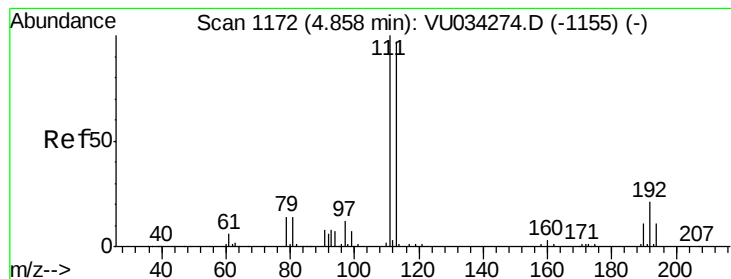
Tgt Ion: 65 Resp: 212889
 Ion Ratio Lower Upper
 65 100
 67 56.5 0.0 112.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034500.D
 Acq: 12 Sep 2019 01:17

Tgt Ion: 114 Resp: 344710
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 42.4
 88 16.0 0.0 32.4





#35

Dibromofluoromethane

Concen: 57.525 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034500.D

Acq: 12 Sep 2019 01:17

Instrument :

MSVOA_U

ClientSampleId :

DRUM-2

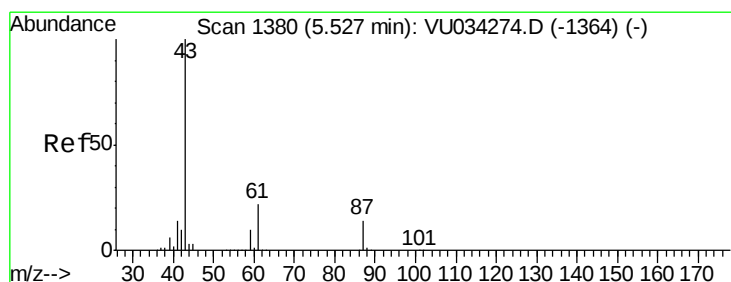
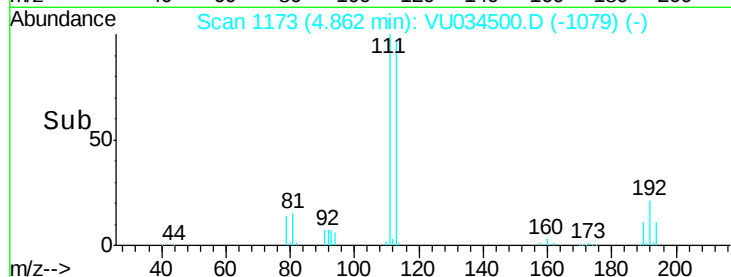
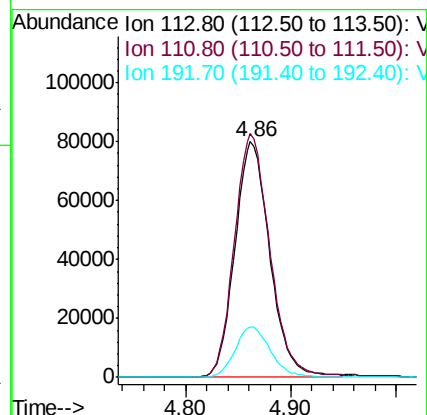
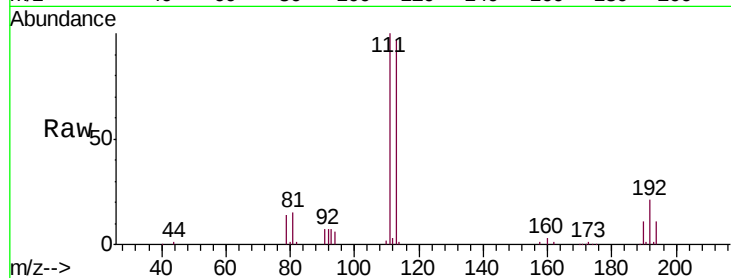
Tgt Ion:113 Resp: 184515

Ion Ratio Lower Upper

113 100

111 104.3 81.5 122.3

192 21.8 17.8 26.8



#43

Isopropyl Acetate

Concen: 9.927 ug/l

RT: 5.53 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VU034500.D

Acq: 12 Sep 2019 01:17

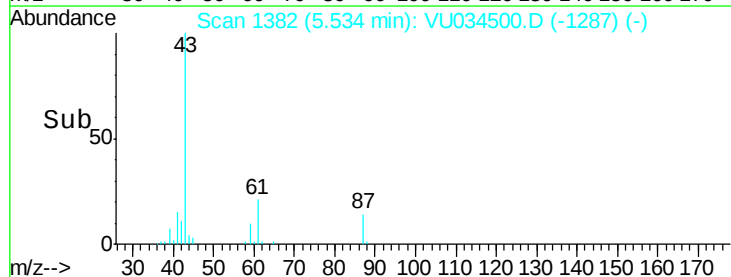
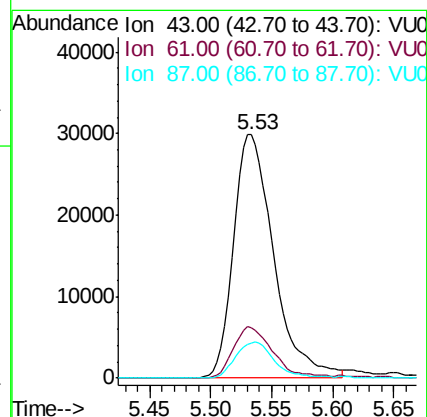
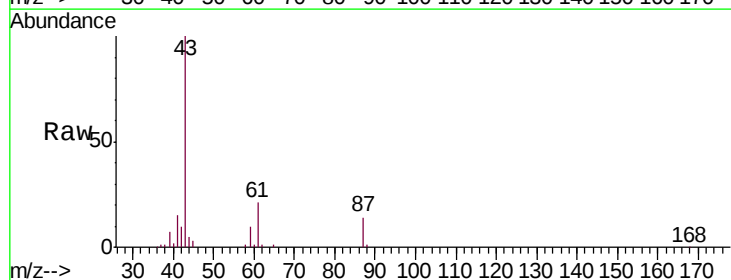
Tgt Ion: 43 Resp: 68450

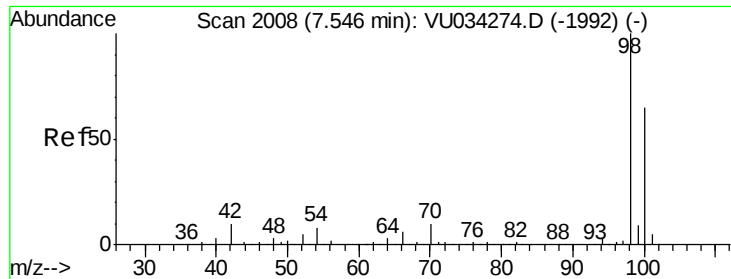
Ion Ratio Lower Upper

43 100

61 20.8 17.1 25.7

87 14.3 11.1 16.7





#50

Toluene-d8

Concen: 55.908 ug/l

RT: 7.54 min Scan# 2007

Delta R.T. -0.00 min

Lab File: VU034500.D

Acq: 12 Sep 2019 01:17

Instrument :

MSVOA_U

ClientSampled :

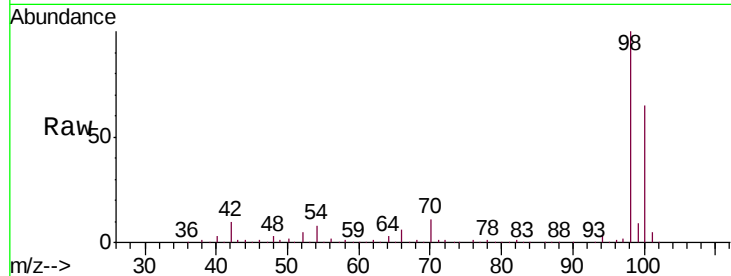
DRUM-2

Tgt Ion: 98 Resp: 673738

Ion Ratio Lower Upper

98 100

100 64.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VU034274.D (-1992) (-)

Ion 100.00 (99.70 to 100.70): VU034274.D (-1992) (-)

7.54

400000

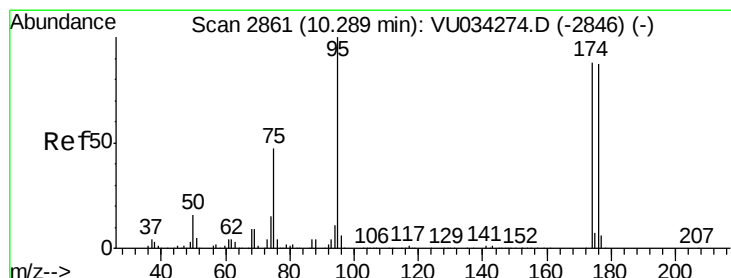
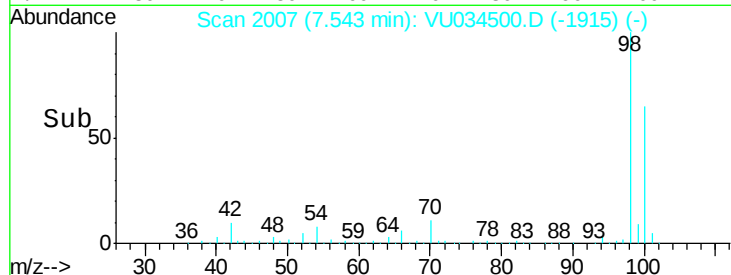
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.512 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034500.D

Acq: 12 Sep 2019 01:17

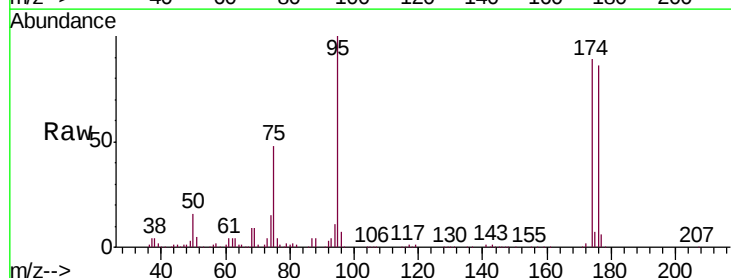
Tgt Ion: 95 Resp: 225714

Ion Ratio Lower Upper

95 100

174 90.2 0.0 175.2

176 85.5 0.0 168.0



Abundance Ion 94.90 (94.60 to 95.60): VU034274.D (-2846) (-)

Ion 173.80 (173.50 to 174.50): VU034274.D (-2846) (-)

Ion 175.80 (175.50 to 176.50): VU034274.D (-2846) (-)

10.29

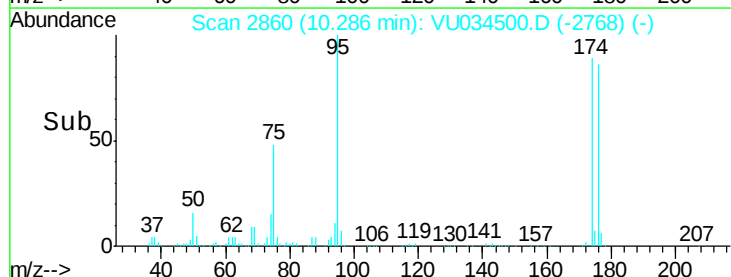
150000

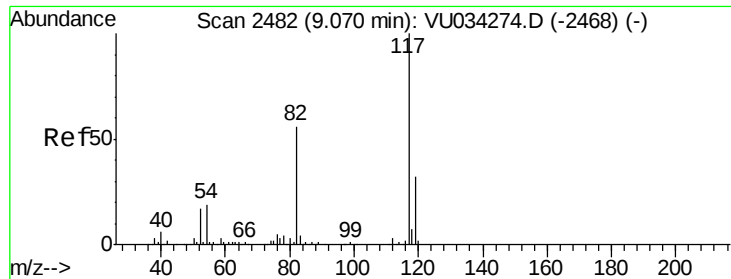
100000

50000

0

Time-->

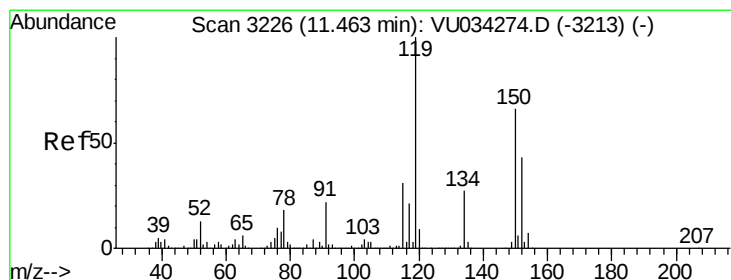
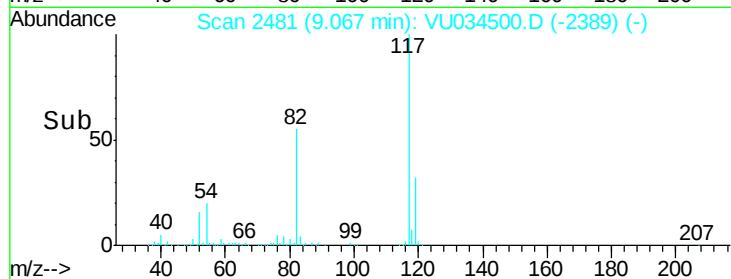
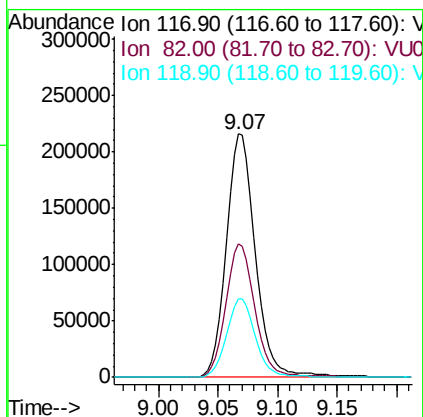
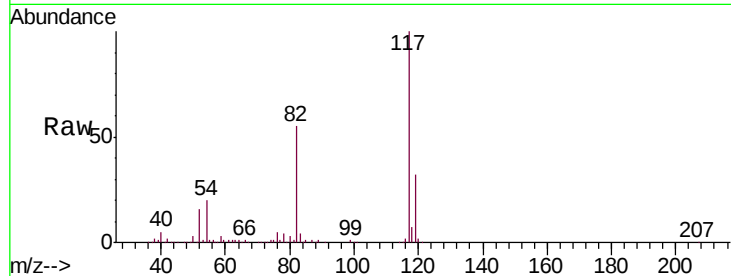




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2481
Delta R.T. -0.00 min
Lab File: VU034500.D
Acq: 12 Sep 2019 01:17

Instrument :
MSVOA_U
ClientSampleId :
DRUM-2

Tgt Ion:117 Resp: 365541
Ion Ratio Lower Upper
117 100
82 55.0 44.6 67.0
119 32.2 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: VU034500.D
Acq: 12 Sep 2019 01:17

Tgt Ion:152 Resp: 204918
Ion Ratio Lower Upper
152 100
115 55.5 39.1 117.3
150 155.5 0.0 345.4

