

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091219\
 Data File : VU034484.D
 Acq On : 11 Sep 2019 19:05
 Operator : JC/SP
 Sample : K4790-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DRUM-1

Quant Time: Sep 13 06:01:06 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

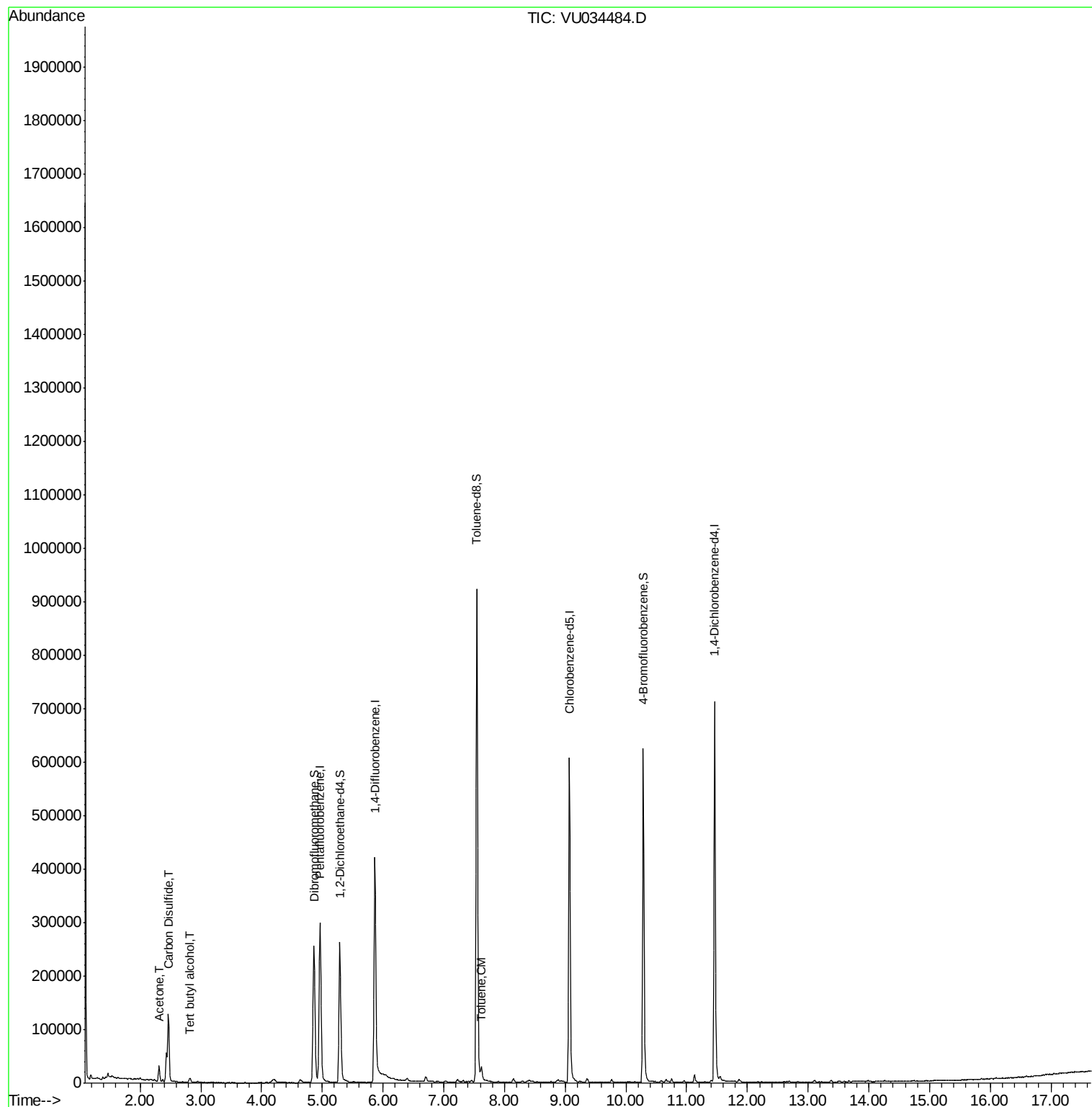
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	246470	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	371832	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	366280	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	202707	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	211240	56.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.30%	
35) Dibromofluoromethane	4.86	113	185233	53.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.08%	
50) Toluene-d8	7.55	98	652061	50.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.32%	
62) 4-Bromofluorobenzene	10.29	95	213398	42.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.04%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.82	59	7064	8.966	ug/l #	81
16) Acetone	2.31	43	30054	15.573	ug/l	95
17) Carbon Disulfide	2.47	76	153690	25.500	ug/l	99
52) Toluene	7.62	92	10330	1.266	ug/l	96

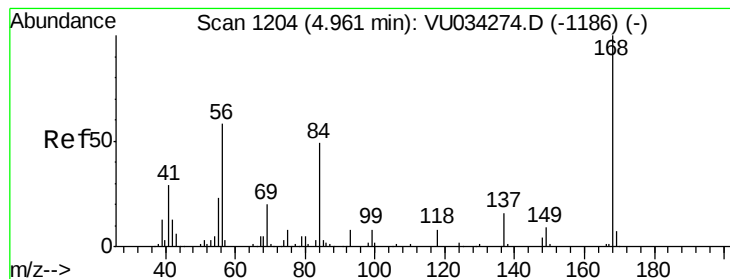
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034484.D

Acq: 11 Sep 2019 19:05

Instrument :

MSVOA_U

ClientSampleId :

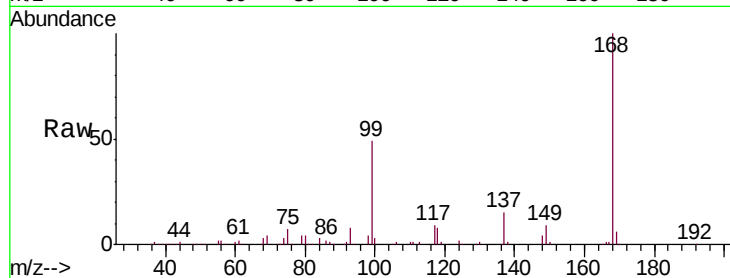
DRUM-1

Tgt Ion:168 Resp: 246470

Ion Ratio Lower Upper

168 100

99 48.7 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

120000

100000

80000

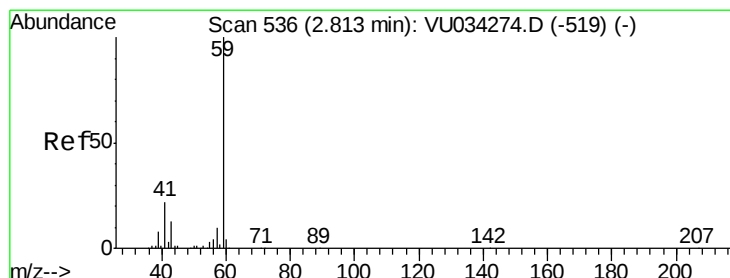
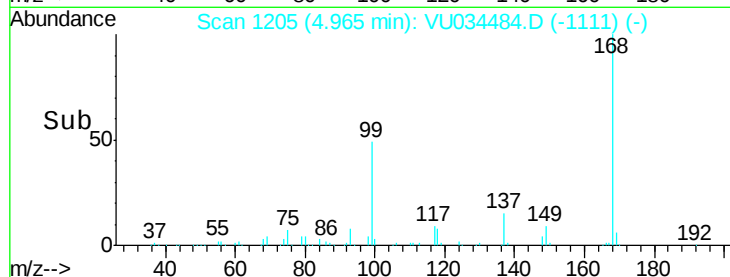
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 8.966 ug/l

RT: 2.82 min Scan# 537

Delta R.T. 0.00 min

Lab File: VU034484.D

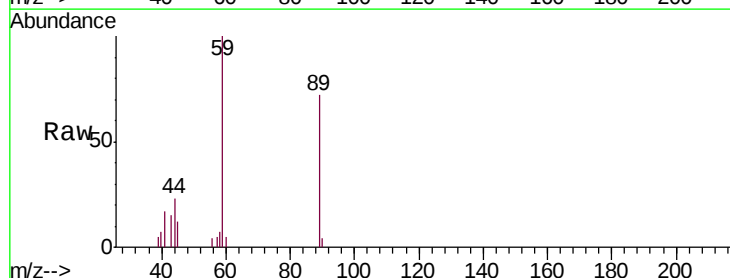
Acq: 11 Sep 2019 19:05

Tgt Ion: 59 Resp: 7064

Ion Ratio Lower Upper

59 100

57 3.0 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VU034274.D (-519) (-)

Ion 57.00 (56.70 to 57.70): VU034274.D (-519) (-)

2.82

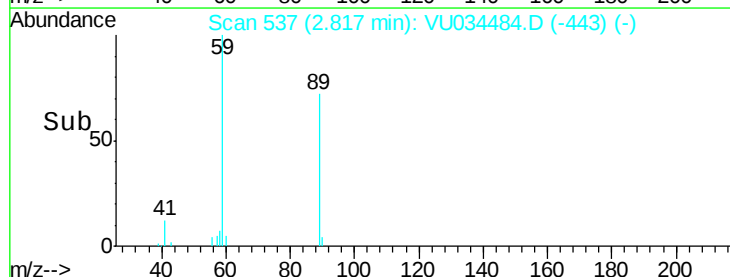
3000

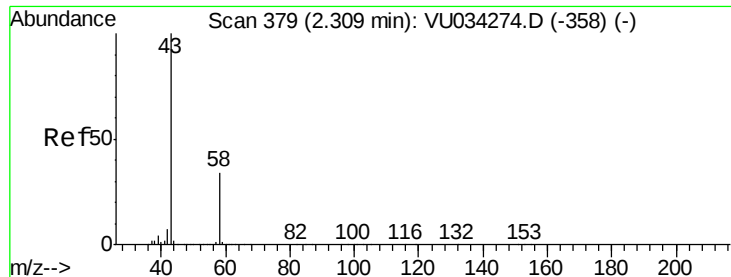
2000

1000

0

Time-->





#16

Acetone

Concen: 15.573 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034484.D

Acq: 11 Sep 2019 19:05

Instrument :

MSVOA_U

ClientSampleId :

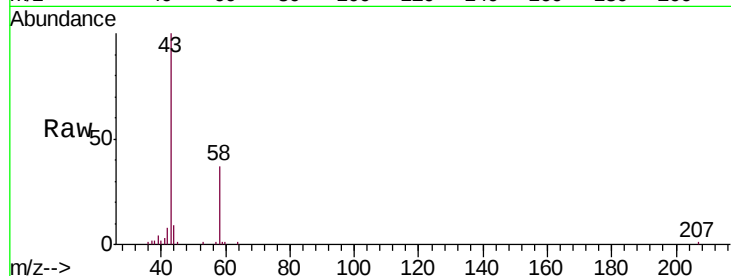
DRUM-1

Tgt Ion: 43 Resp: 30054

Ion Ratio Lower Upper

43 100

58 37.2 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034484.D (-380) (-)

Ion 58.00 (57.70 to 58.70): VU034484.D (-380) (-)

2.31

20000

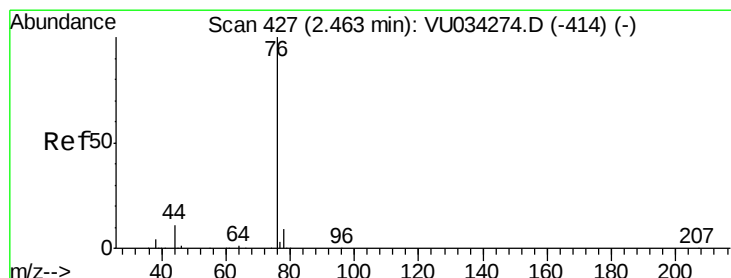
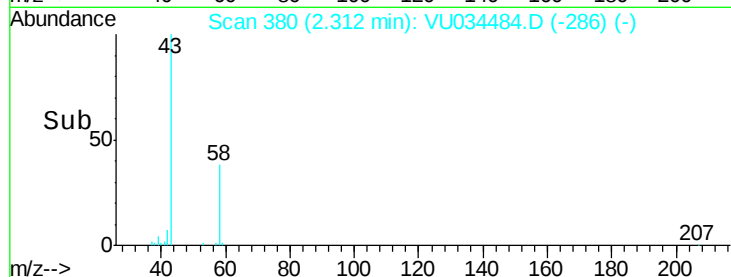
15000

10000

5000

0

Time--> 2.20 2.25 2.30 2.35 2.40



#17

Carbon Disulfide

Concen: 25.500 ug/l

RT: 2.47 min Scan# 428

Delta R.T. 0.00 min

Lab File: VU034484.D

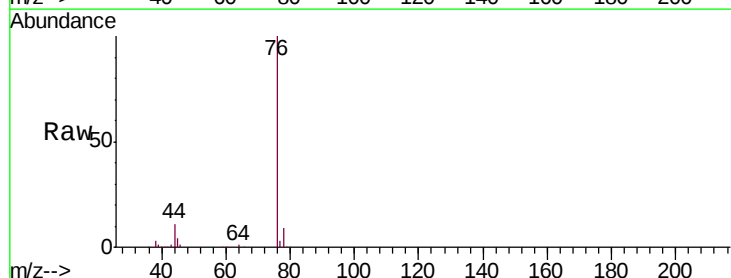
Acq: 11 Sep 2019 19:05

Tgt Ion: 76 Resp: 153690

Ion Ratio Lower Upper

76 100

78 8.7 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VU034484.D (-428) (-)

Ion 77.90 (77.60 to 78.60): VU034484.D (-428) (-)

2.47

100000

80000

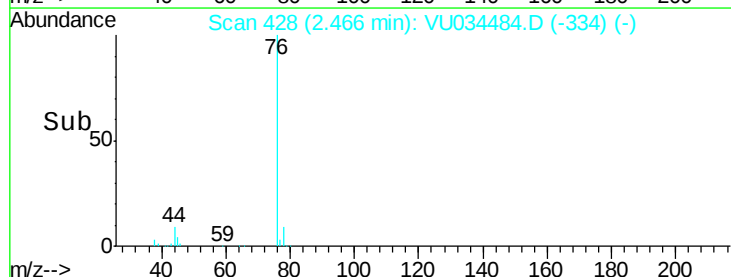
60000

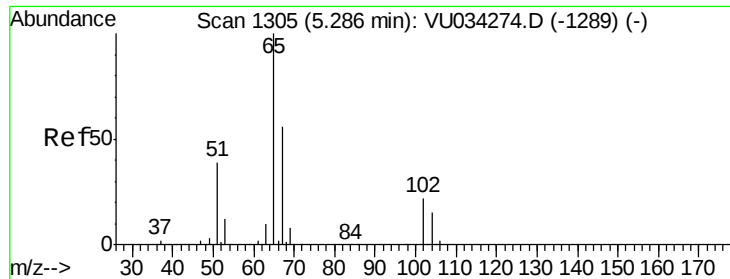
40000

20000

0

Time--> 2.40 2.45 2.50 2.55

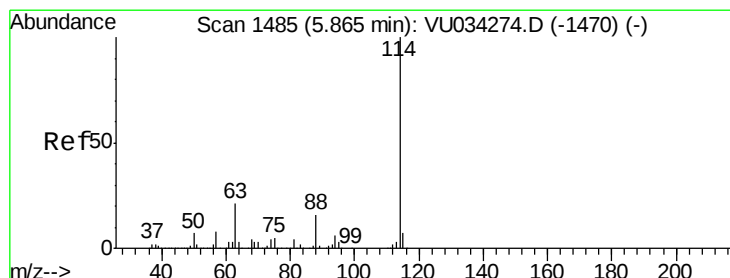
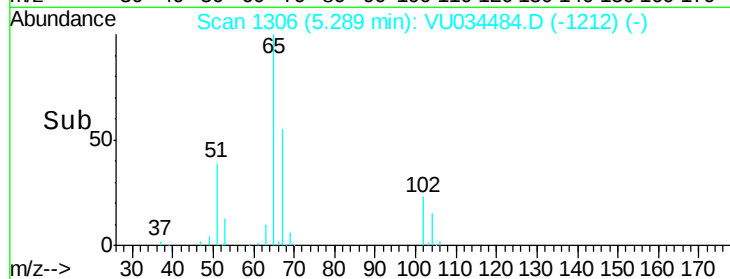
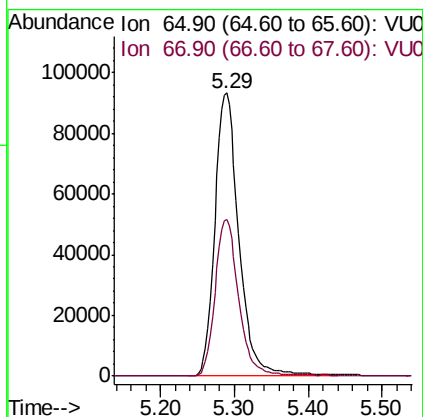
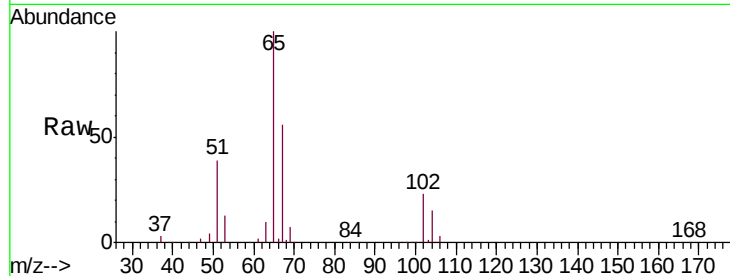




#33
 1,2-Dichloroethane-d4
 Concen: 56.645 ug/l
 RT: 5.29 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: VU034484.D
 Acq: 11 Sep 2019 19:05

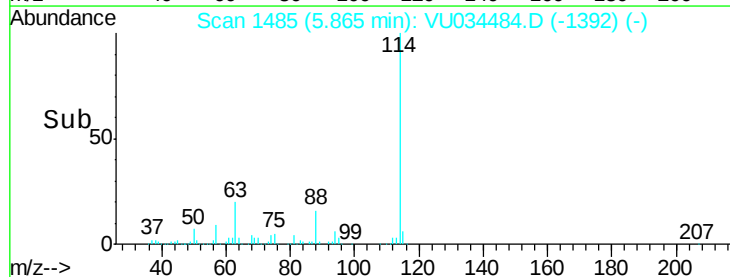
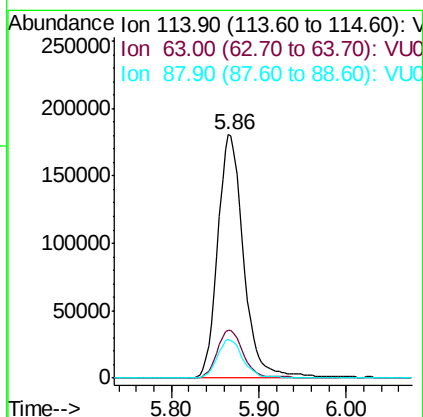
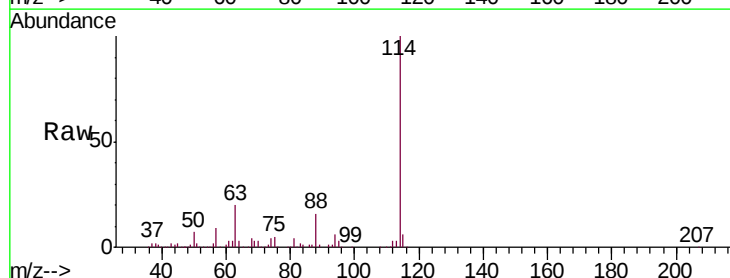
Instrument :
 MSVOA_U
 ClientSampleId :
 DRUM-1

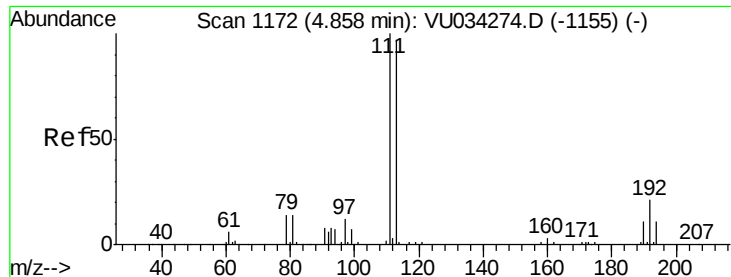
Tgt Ion: 65 Resp: 211240
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 112.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VU034484.D
 Acq: 11 Sep 2019 19:05

Tgt Ion: 114 Resp: 371832
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 42.4
 88 15.9 0.0 32.4

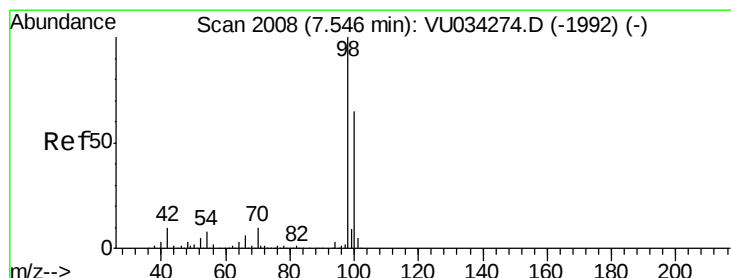
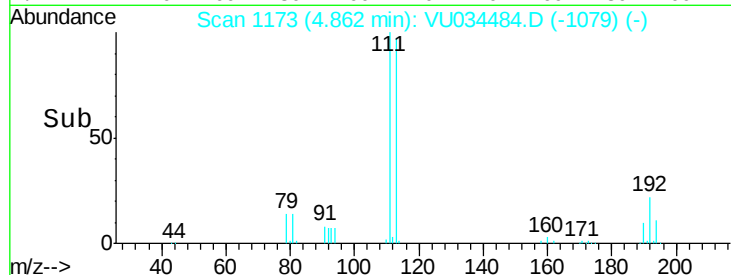
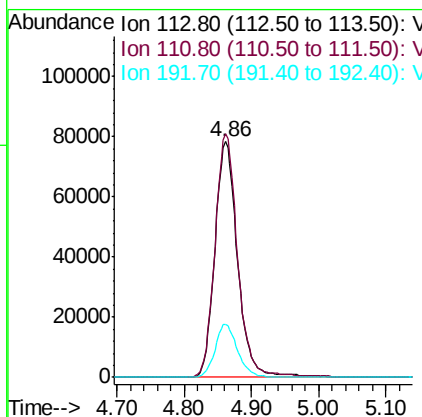
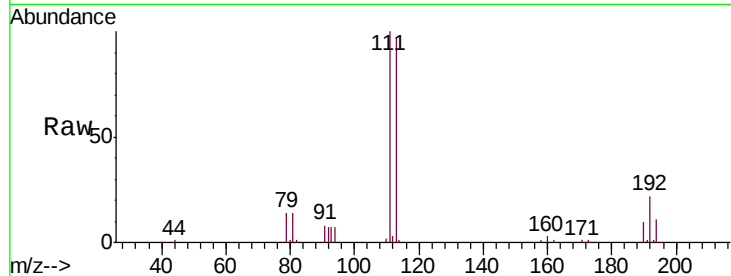




#35
 Dibromofluoromethane
 Concen: 53.537 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034484.D
 Acq: 11 Sep 2019 19:05

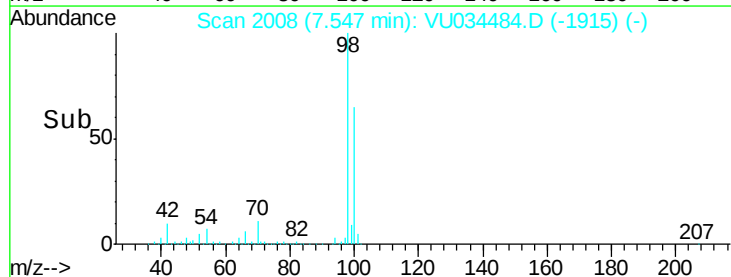
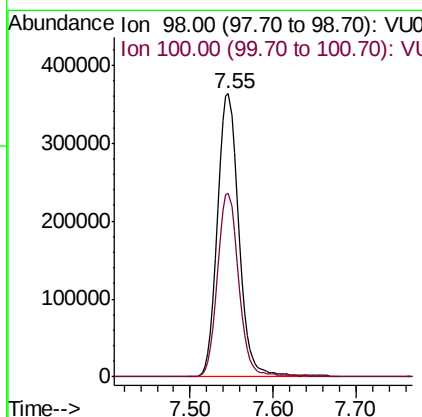
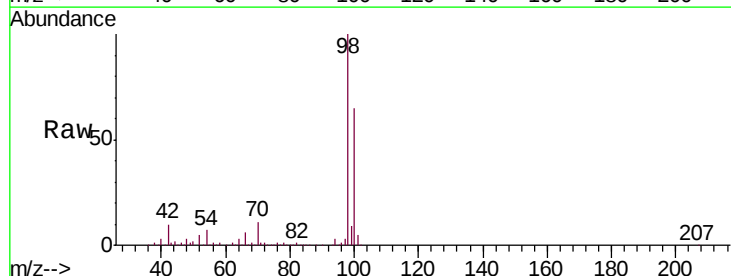
Instrument :
 MSVOA_U
 ClientSampleId :
 DRUM-1

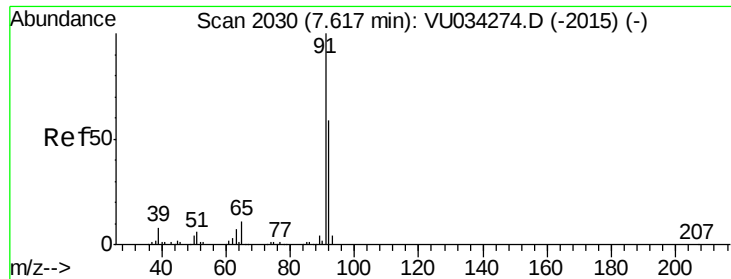
Tgt Ion: 113 Resp: 185233
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.5 122.3
 192 22.4 17.8 26.8



#50
 Toluene-d8
 Concen: 50.163 ug/l
 RT: 7.55 min Scan# 2008
 Delta R.T. 0.00 min
 Lab File: VU034484.D
 Acq: 11 Sep 2019 19:05

Tgt Ion: 98 Resp: 652061
 Ion Ratio Lower Upper
 98 100
 100 64.0 51.7 77.5





#52

Toluene

Concen: 1.266 ug/l

RT: 7.62 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VU034484.D

Acq: 11 Sep 2019 19:05

Instrument :

MSVOA_U

ClientSampleId :

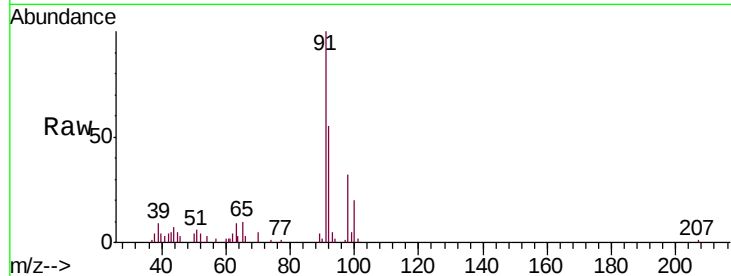
DRUM-1

Tgt Ion: 92 Resp: 10330

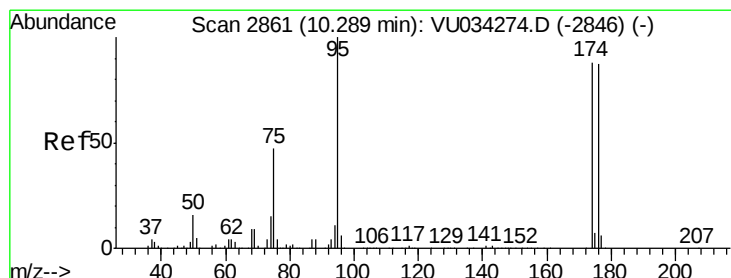
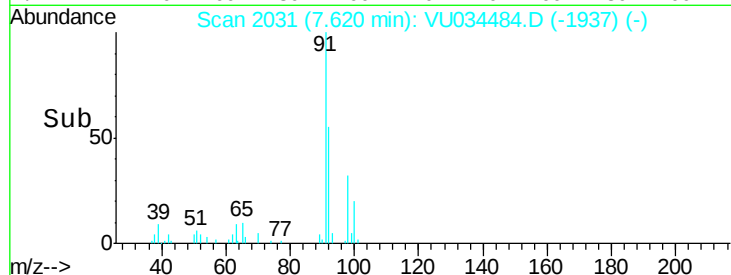
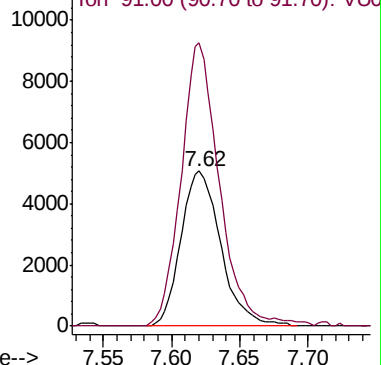
Ion Ratio Lower Upper

92 100

91 175.8 136.6 205.0



Abundance Ion 92.00 (91.70 to 92.70): VU034484.D (-1937) (-)



#62

4-Bromofluorobenzene

Concen: 42.520 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034484.D

Acq: 11 Sep 2019 19:05

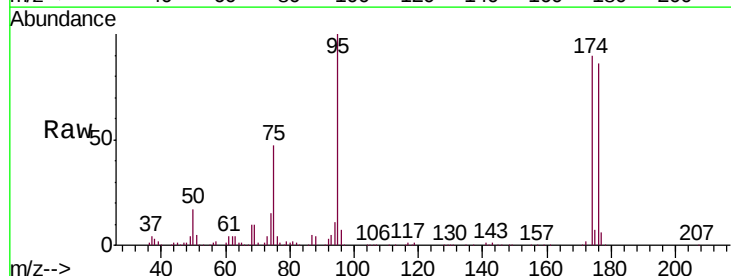
Tgt Ion: 95 Resp: 213398

Ion Ratio Lower Upper

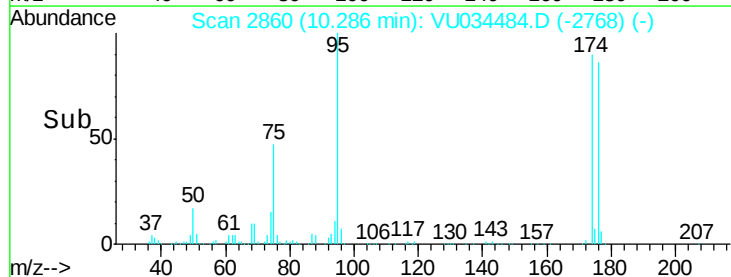
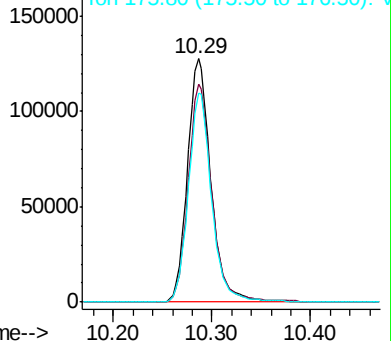
95 100

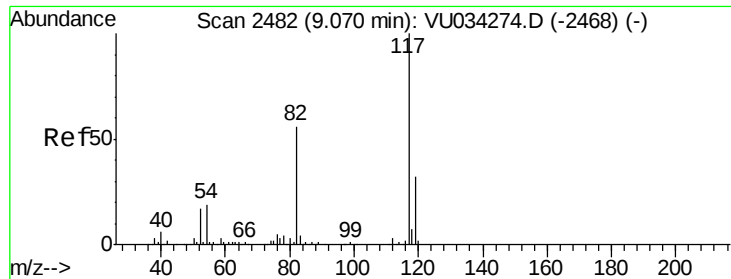
174 90.2 0.0 175.2

176 84.8 0.0 168.0



Abundance Ion 94.90 (94.60 to 95.60): VU034484.D (-2768) (-)

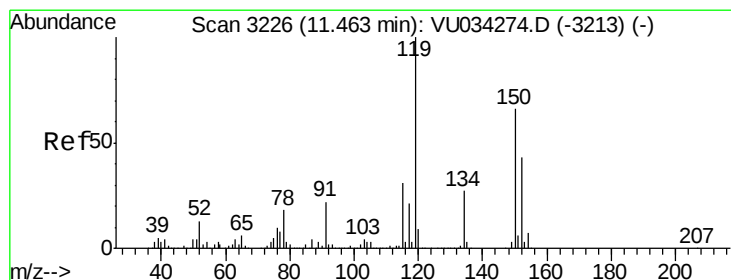
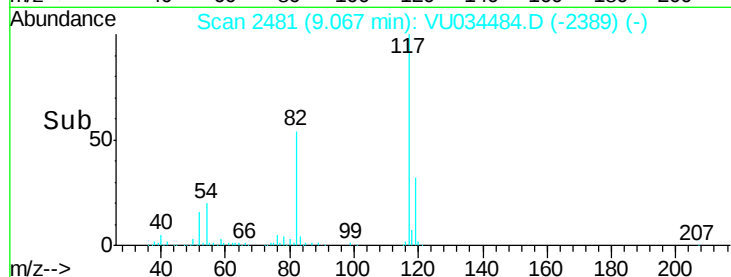
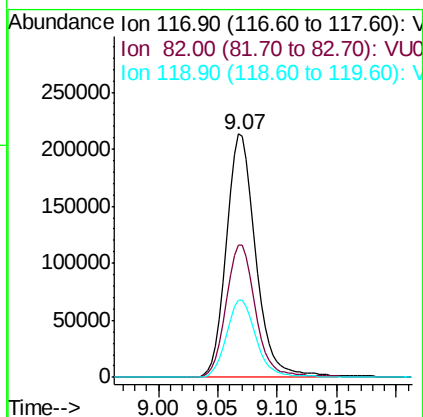
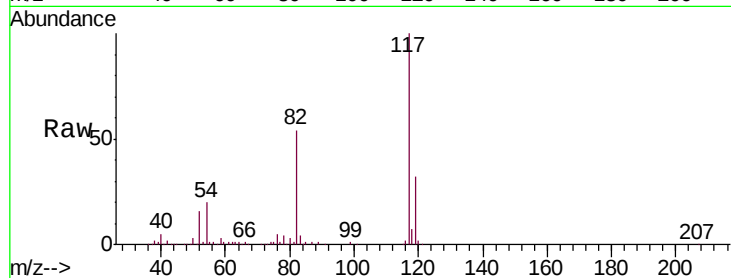




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2481
Delta R.T. -0.00 min
Lab File: VU034484.D
Acq: 11 Sep 2019 19:05

Instrument :
MSVOA_U
ClientSampled :
DRUM-1

Tgt Ion:117 Resp: 366280
Ion Ratio Lower Upper
117 100
82 54.2 44.6 67.0
119 31.7 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: VU034484.D
Acq: 11 Sep 2019 19:05

Tgt Ion:152 Resp: 202707
Ion Ratio Lower Upper
152 100
115 56.2 39.1 117.3
150 156.3 0.0 345.4

