

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010519\
 Data File : VU029038.D
 Acq On : 04 Jan 2019 19:31
 Operator : MD/SY
 Sample : K1053-10 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COMP-4-DRUM

Quant Time: Jan 05 04:34:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 04 02:22:53 2019
 Response via : Initial Calibration

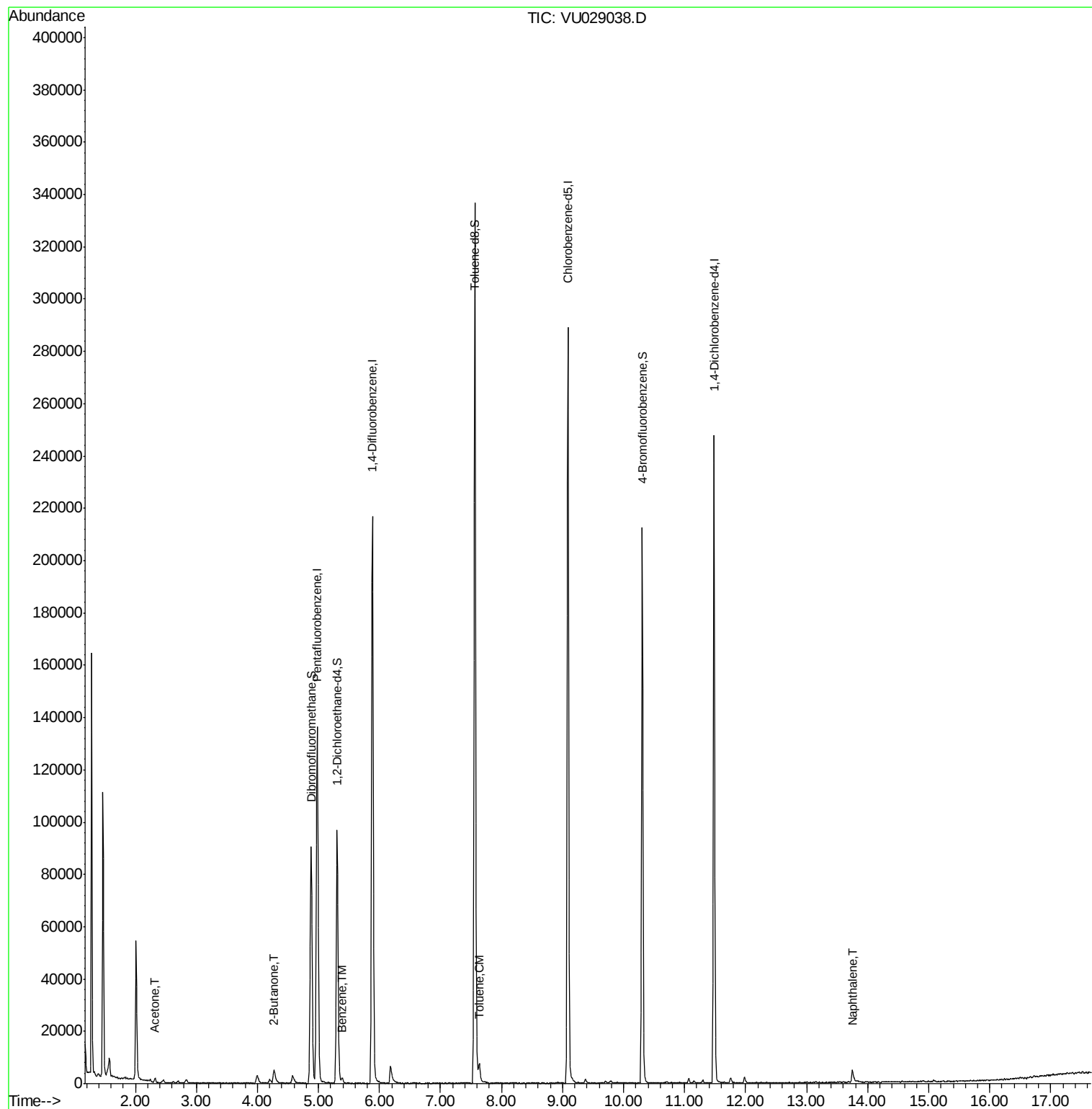
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	111875	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	186904	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	169330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	67104	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	74014	53.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.04%	
35) Dibromofluoromethane	4.88	113	63777	52.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.28%	
50) Toluene-d8	7.56	98	238199	49.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.60%	
62) 4-Bromofluorobenzene	10.30	95	71473	41.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.16%	
Target Compounds						
16) Acetone	2.32	43	1869	2.145	ug/l	91
25) 2-Butanone	4.27	43	9199	7.817	ug/l	95
40) Benzene	5.39	78	2106	0.361	ug/l	97
52) Toluene	7.64	92	2698	0.761	ug/l	87
95) Naphthalene	13.75	128	7094	1.366	ug/l #	87

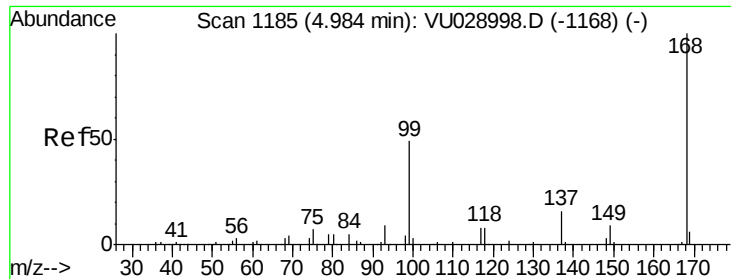
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. 0.00 min

Lab File: VU029038.D

Acq: 04 Jan 2019 19:31

Instrument :

MSVOA_U

ClientSampleId :

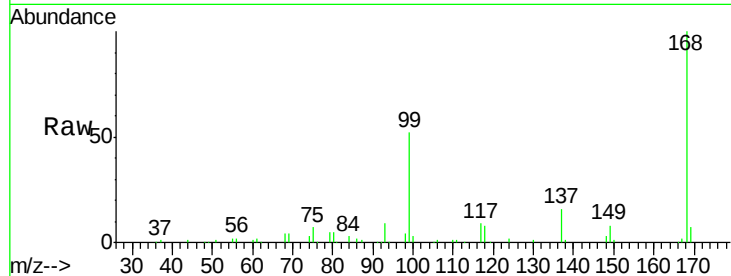
COMP-4-DRUM

Tot Ion:168 Resp: 111875

Ion Ratio Lower Upper

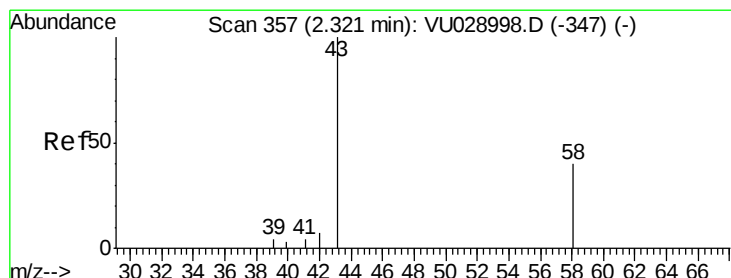
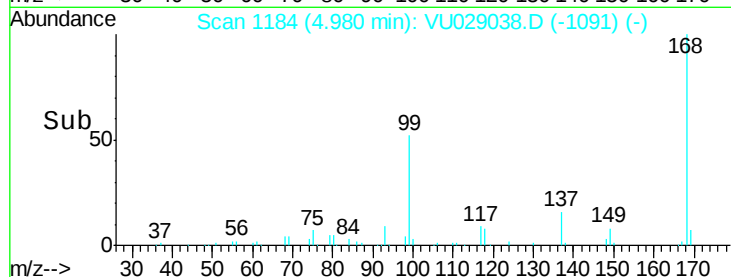
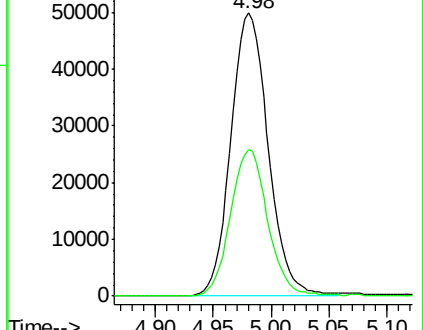
168 100

99 51.9 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU028998.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028998.D (-1168) (-)



#16

Acetone

Concen: 2.145 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU029038.D

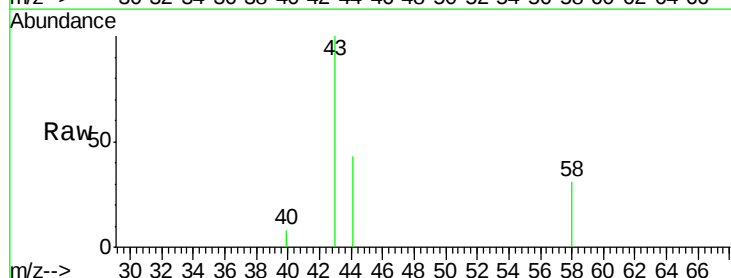
Acq: 04 Jan 2019 19:31

Tgt Ion: 43 Resp: 1869

Ion Ratio Lower Upper

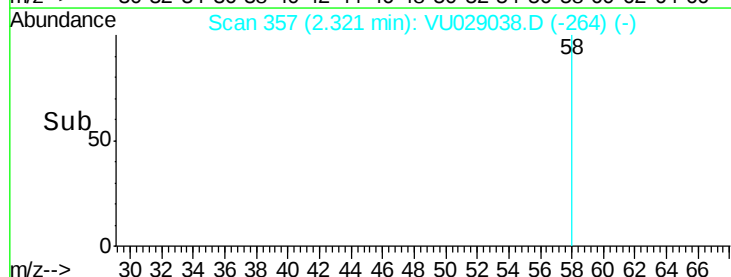
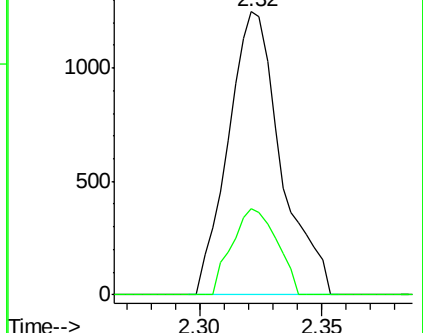
43 100

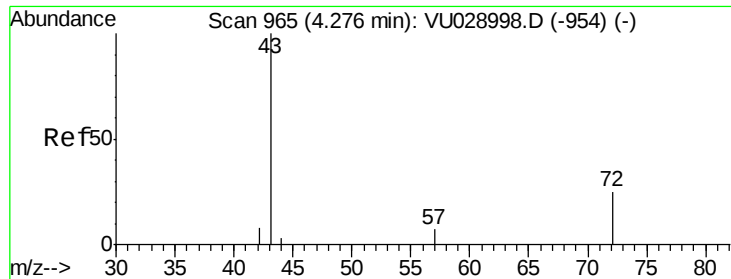
58 30.6 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VU028998.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VU028998.D (-347) (-)





#25

2-Butanone

Concen: 7.817 ug/l

RT: 4.27 min Scan# 964

Delta R.T. 0.01 min

Lab File: VU029038.D

Acq: 04 Jan 2019 19:31

Instrument :

MSVOA_U

ClientSampleId :

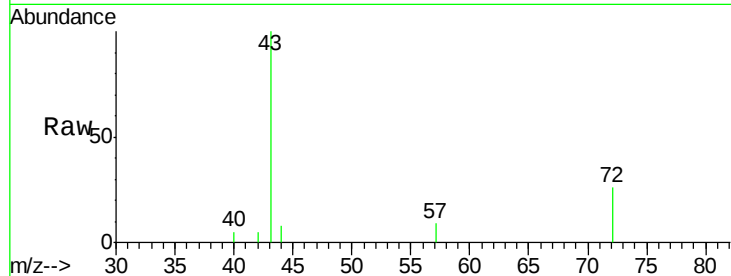
COMP-4-DRUM

Tot Ion: 43 Resp: 9199

Ion Ratio Lower Upper

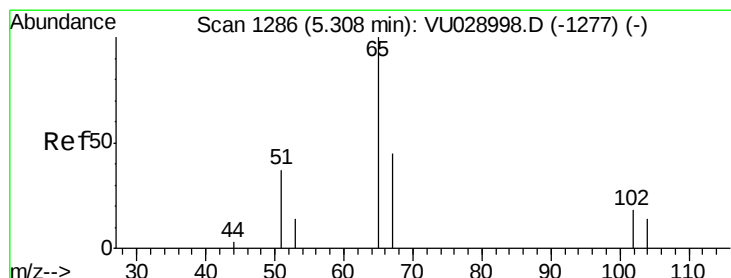
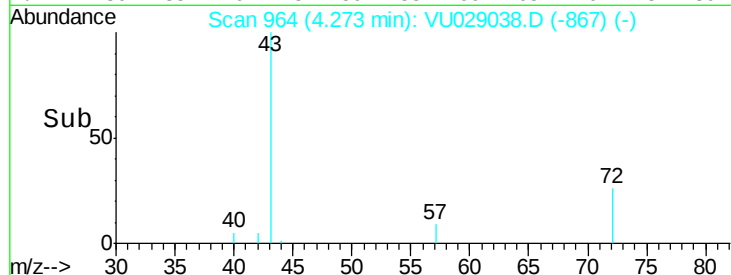
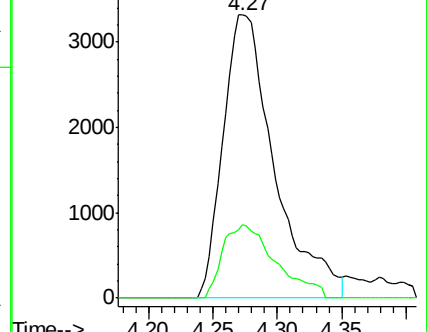
43 100

72 25.7 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VU028998.D (-954) (-)

Ion 72.00 (71.70 to 72.70): VU028998.D (-954) (-)



#33

1,2-Dichloroethane-d4

Concen: 53.517 ug/l

RT: 5.31 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VU029038.D

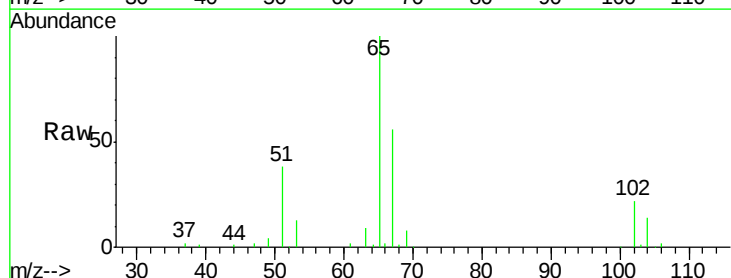
Acq: 04 Jan 2019 19:31

Tgt Ion: 65 Resp: 74014

Ion Ratio Lower Upper

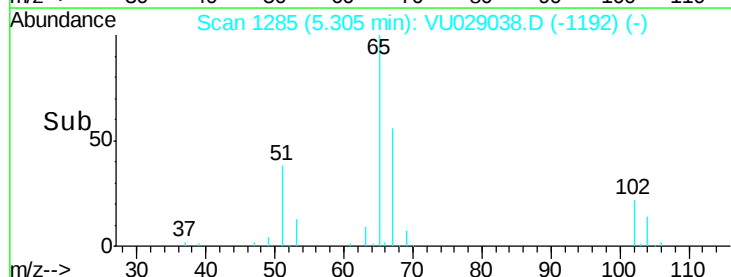
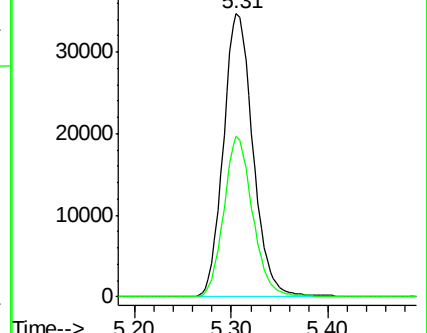
65 100

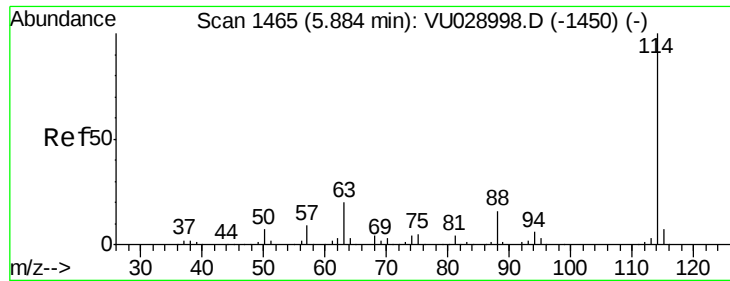
67 54.7 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VU028998.D (-1277) (-)

Ion 66.90 (66.60 to 67.60): VU028998.D (-1277) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.88 min Scan# 1465

Delta R.T. 0.00 min

Lab File: VU029038.D

Acq: 04 Jan 2019 19:31

Instrument :

MSVOA_U

ClientSampleId :

COMP-4-DRUM

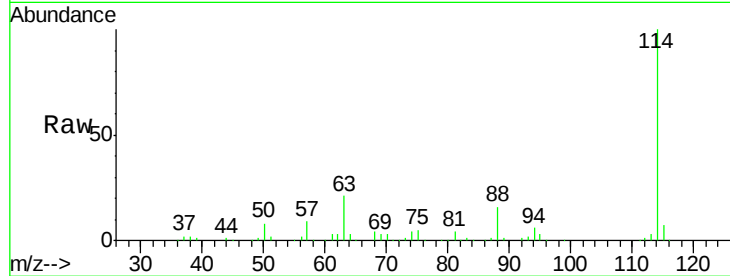
Tot Ion:114 Resp: 186904

Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.2

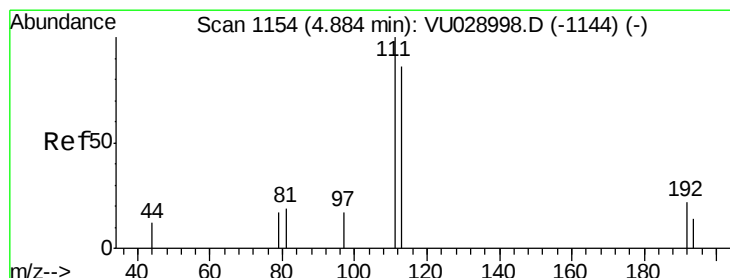
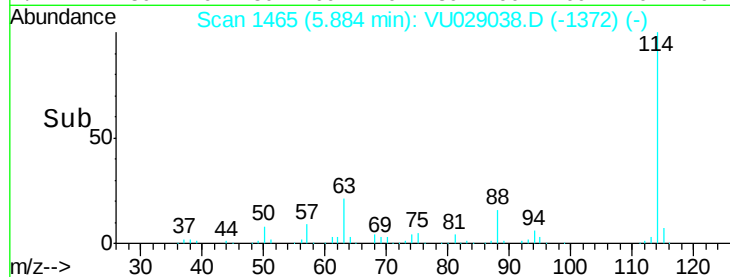
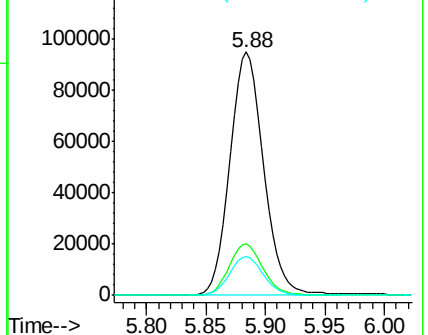
88 16.1 0.0 30.4



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: 52.640 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. 0.00 min

Lab File: VU029038.D

Acq: 04 Jan 2019 19:31

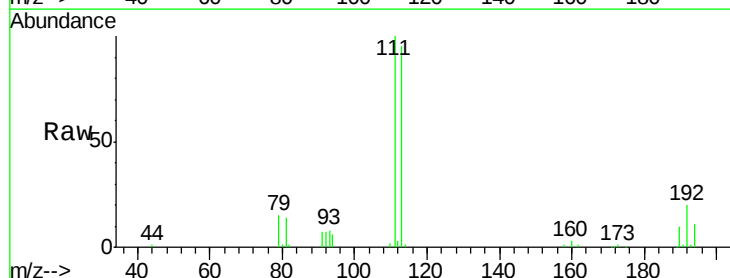
Tgt Ion:113 Resp: 63777

Ion Ratio Lower Upper

113 100

111 105.1 81.4 122.2

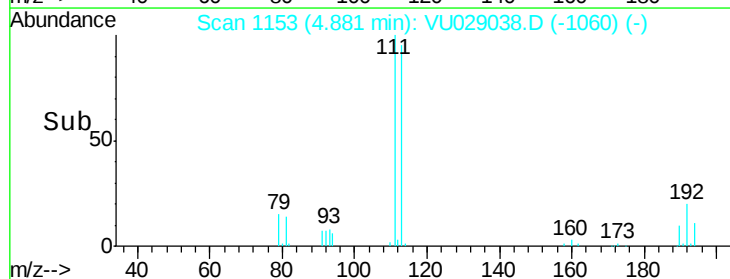
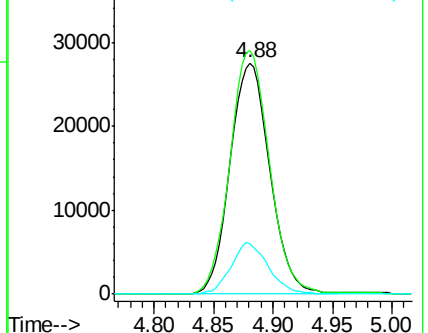
192 20.8 16.8 25.2

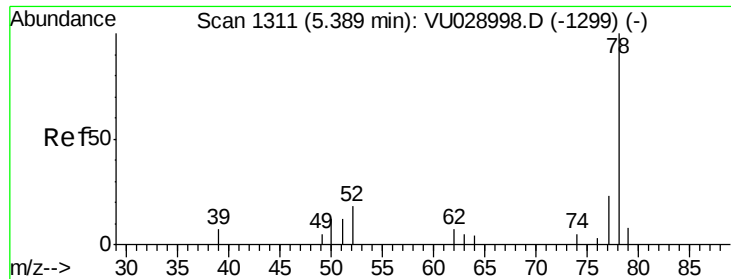


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

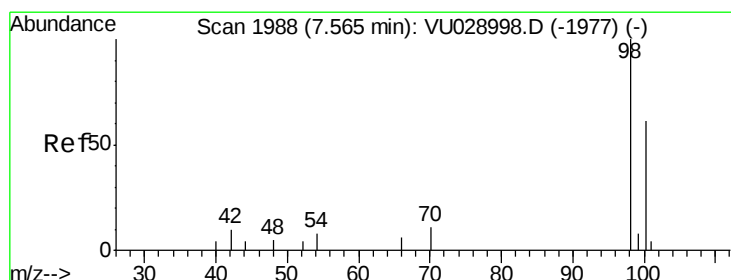
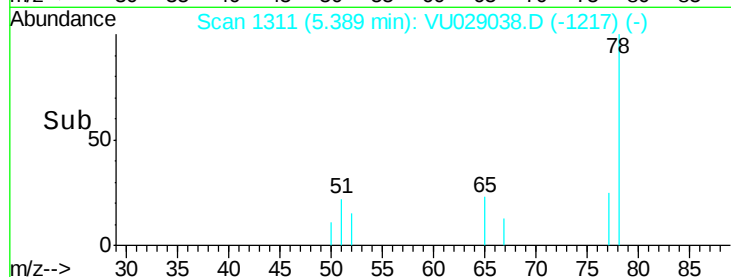
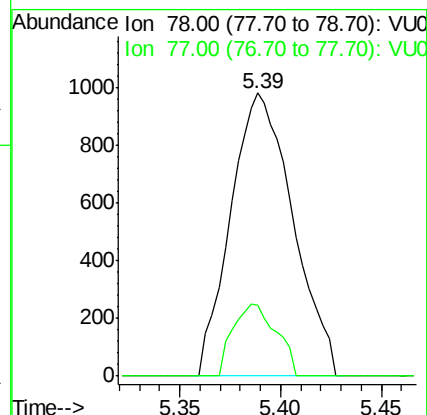
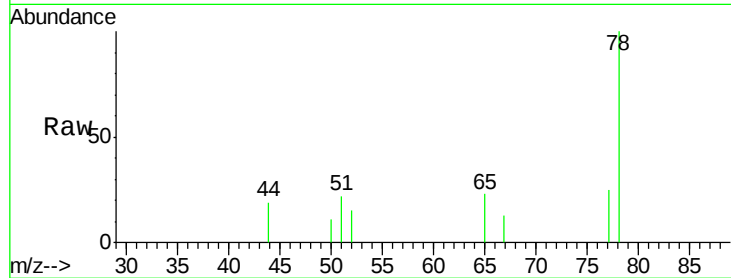




#40
Benzene
Concen: 0.361 ug/l
RT: 5.39 min Scan# 1311
Delta R.T. 0.00 min
Lab File: VU029038.D
Acq: 04 Jan 2019 19:31

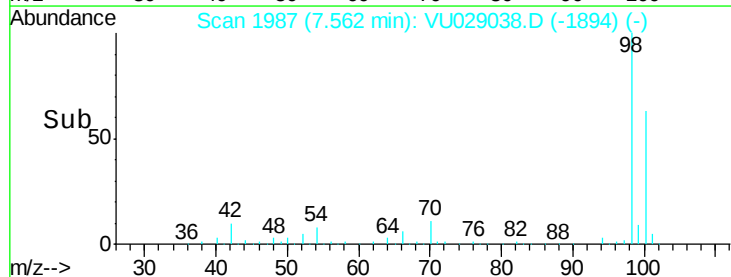
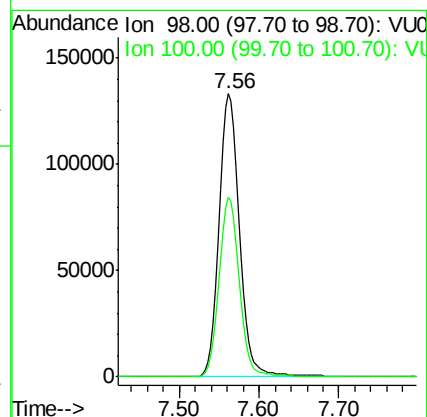
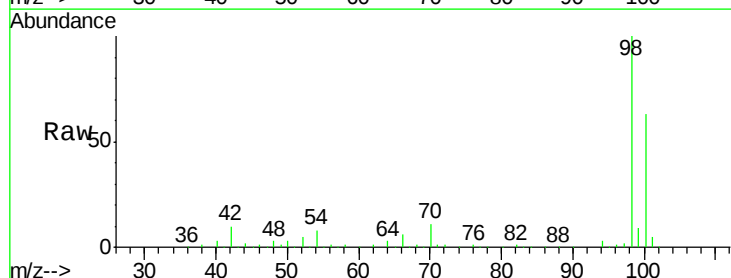
Instrument :
MSVOA_U
ClientSampleId :
COMP-4-DRUM

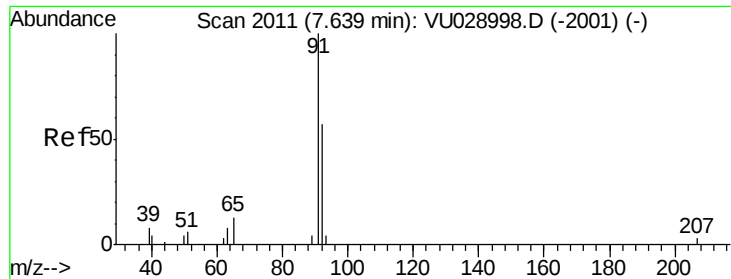
Tot Ion: 78 Resp: 2106
Ion Ratio Lower Upper
78 100
77 24.9 18.9 28.3



#50
Toluene-d8
Concen: 49.800 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VU029038.D
Acq: 04 Jan 2019 19:31

Tgt Ion: 98 Resp: 238199
Ion Ratio Lower Upper
98 100
100 62.8 51.6 77.4





#52

Toluene

Concen: 0.761 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. 0.00 min

Lab File: VU029038.D

Acq: 04 Jan 2019 19:31

Instrument :

MSVOA_U

ClientSampleId :

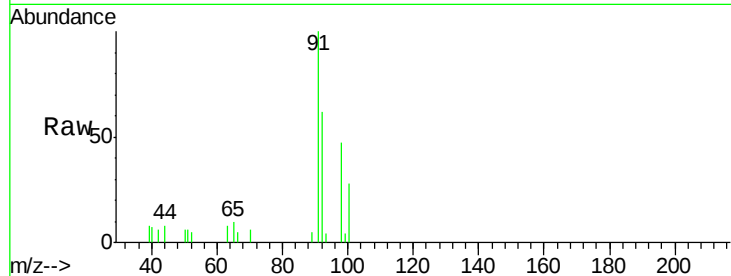
COMP-4-DRUM

Tot Ion: 92 Resp: 2698

Ion Ratio Lower Upper

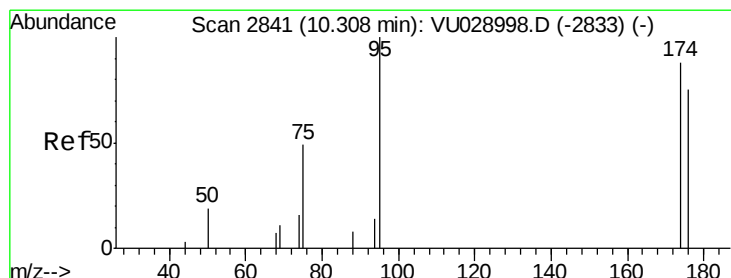
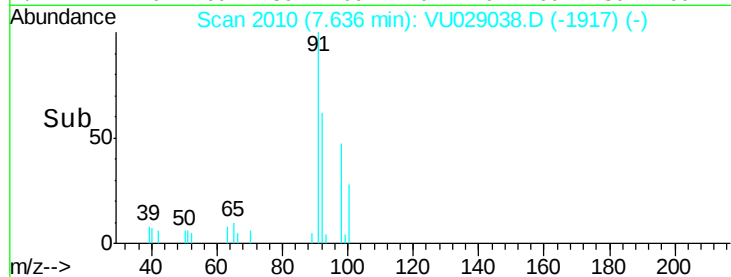
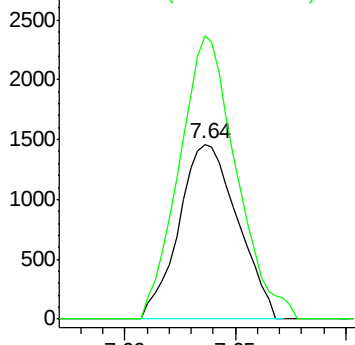
92 100

91 156.8 139.8 209.8



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#62

4-Bromofluorobenzene

Concen: 41.579 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU029038.D

Acq: 04 Jan 2019 19:31

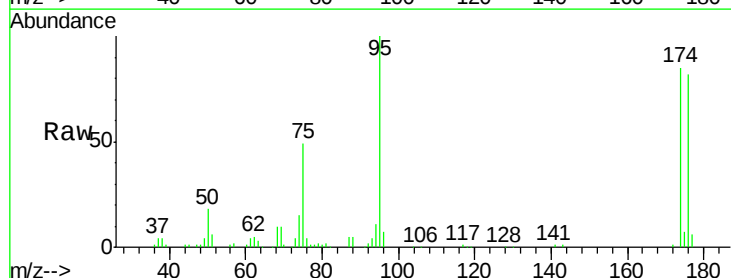
Tgt Ion: 95 Resp: 71473

Ion Ratio Lower Upper

95 100

174 85.1 0.0 170.6

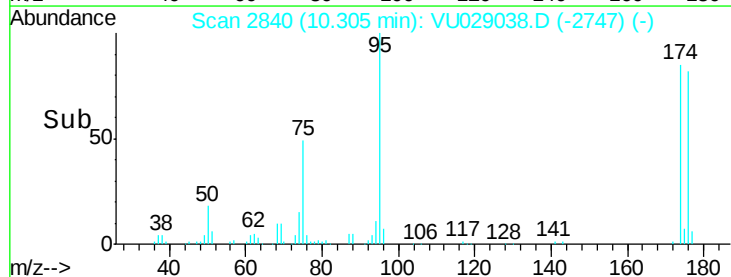
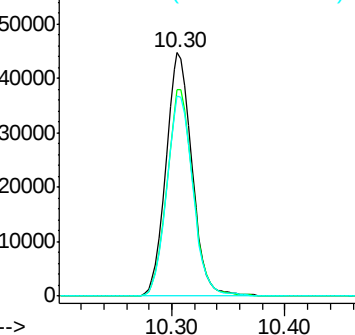
176 82.9 0.0 165.0

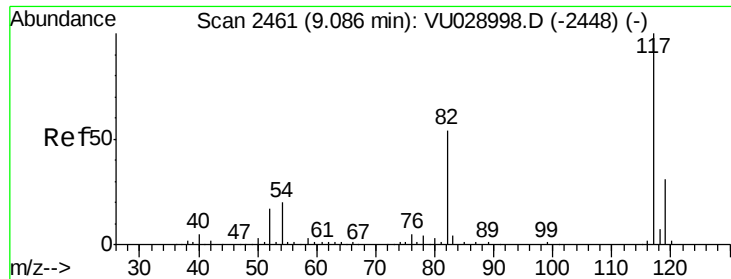


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

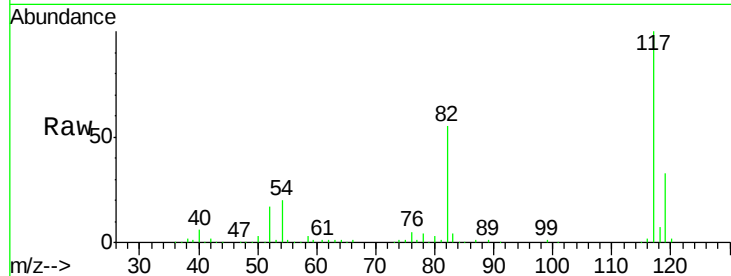




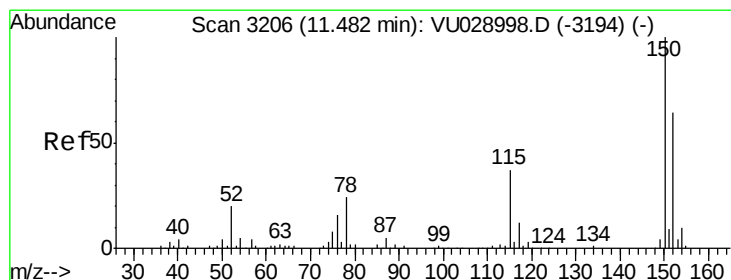
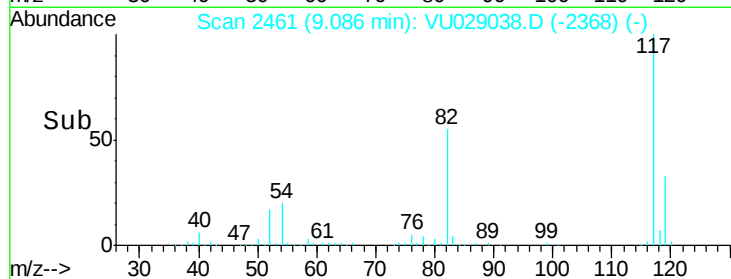
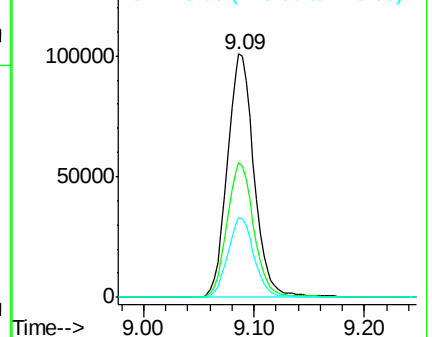
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2461
 Delta R.T. 0.00 min
 Lab File: VU029038.D
 Acq: 04 Jan 2019 19:31

Instrument :
 MSVOA_U
 ClientSampleId :
 COMP-4-DRUM

Tot Ion:117 Resp: 169330
 Ion Ratio Lower Upper
 117 100
 82 55.1 43.9 65.9
 119 32.6 26.0 39.0

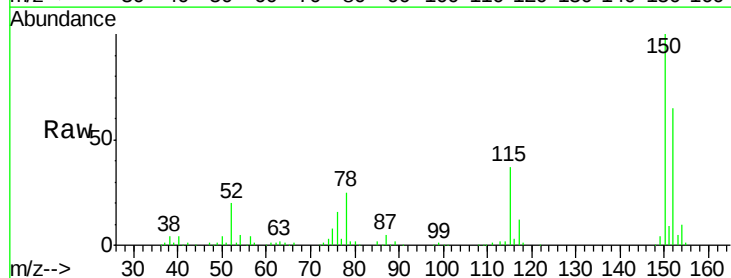


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): V
 Ion 118.90 (118.60 to 119.60): V

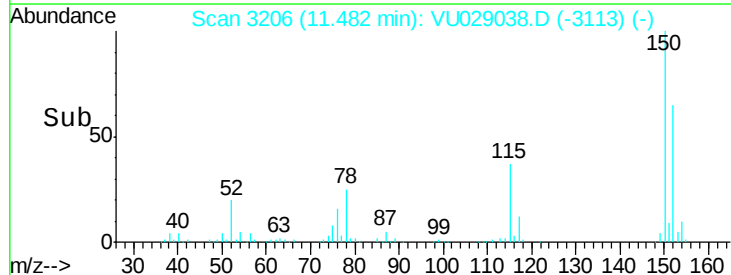
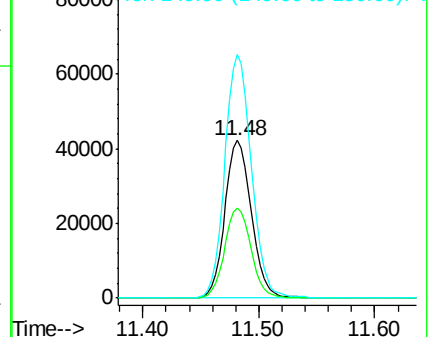


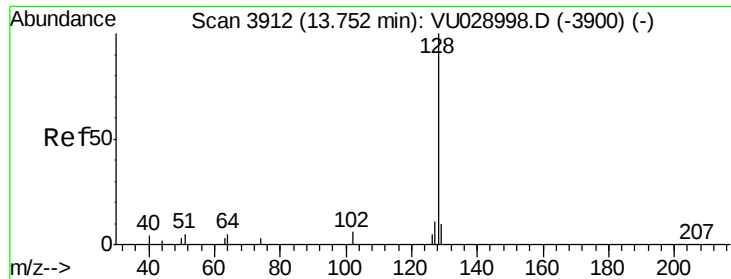
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3206
 Delta R.T. 0.00 min
 Lab File: VU029038.D
 Acq: 04 Jan 2019 19:31

Tgt Ion:152 Resp: 67104
 Ion Ratio Lower Upper
 152 100
 115 56.8 40.1 120.3
 150 154.5 0.0 345.2



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





#95
Naphthalene
Concen: 1.366 ug/l
RT: 13.75 min Scan# 3912
Delta R.T. 0.01 min
Lab File: VU029038.D
Acq: 04 Jan 2019 19:31

Instrument :
MSVOA_U
ClientSampleId :
COMP-4-DRUM

Tot Ion	Ratio	Lower	Upper
128	100		
127	5.5	10.1	15.1#
129	7.9	8.5	12.7#

