

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012119\
 Data File : VU029258.D
 Acq On : 21 Jan 2019 18:56
 Operator : JC/SP
 Sample : K1009-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CL-01-011819-C

Quant Time: Jan 22 03:12:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 12 01:33:59 2019
 Response via : Initial Calibration

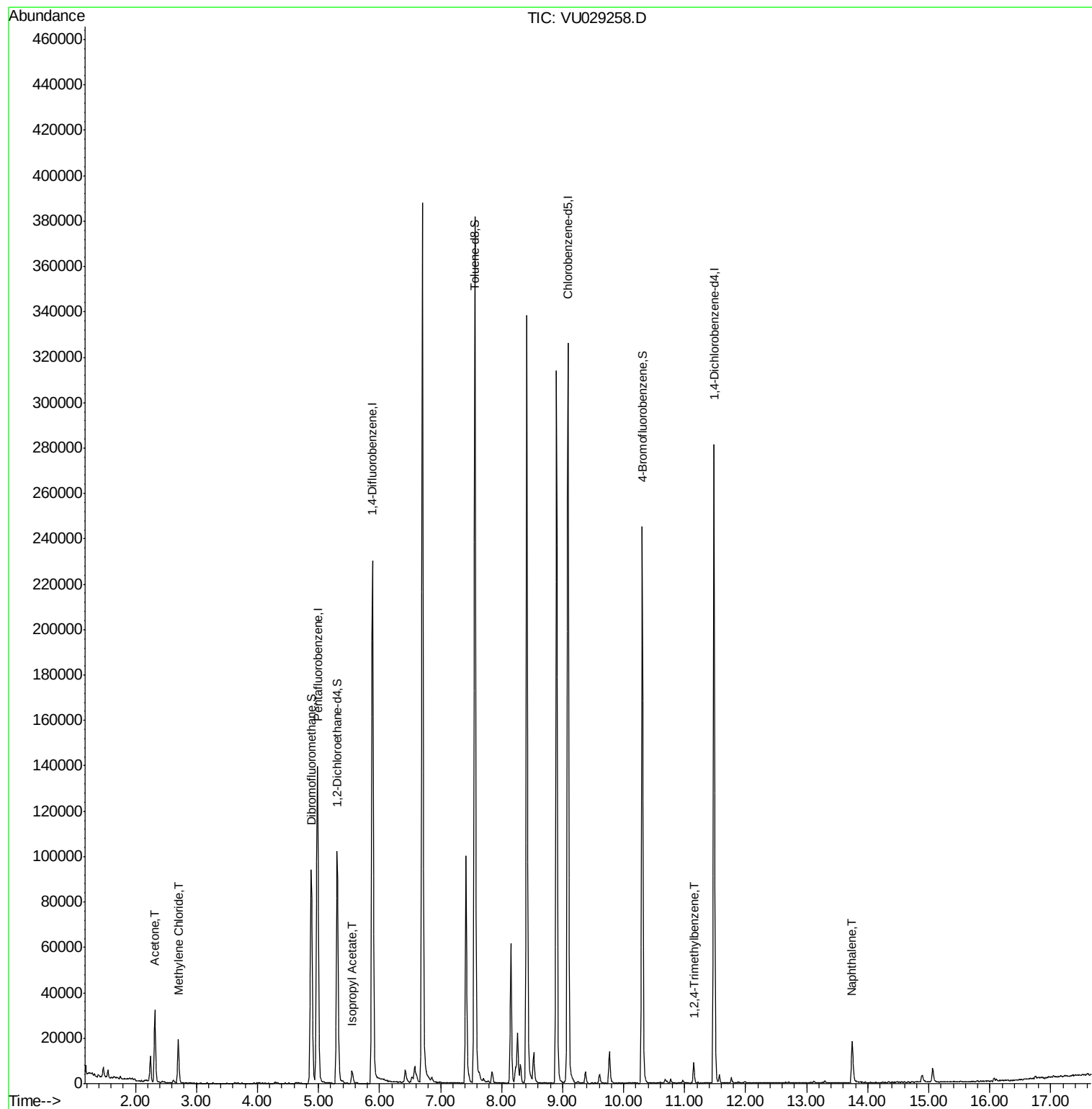
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	114463	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	200903	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	190758	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	75872	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	78421	55.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.84%	
35) Dibromofluoromethane	4.88	113	68144	52.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.66%	
50) Toluene-d8	7.56	98	264107	51.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.74%	
62) 4-Bromofluorobenzene	10.30	95	83112	44.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.96%	
Target Compounds						
16) Acetone	2.32	43	33347	37.410	ug/l	96
20) Methylene Chloride	2.70	84	8576	5.667	ug/l	96
43) Isopropyl Acetate	5.55	43	6286	1.859	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	5683	1.214	ug/l	95
95) Naphthalene	13.75	128	19417	3.307	ug/l	98

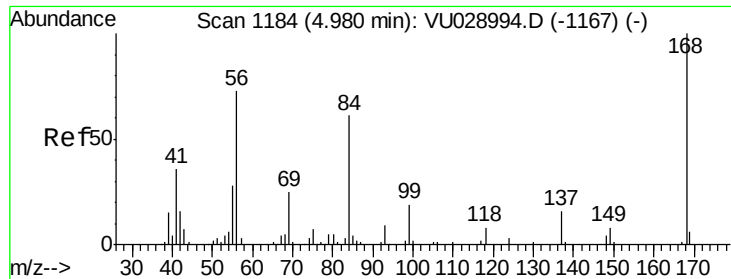
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU012119\
Data File : VU029258.D
Acq On : 21 Jan 2019 18:56
Operator : JC/SP
Sample : K1009-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
CL-01-011819-C

Quant Time: Jan 22 03:12:28 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 12 01:33:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU029258.D

Acq: 21 Jan 2019 18:56

Instrument :

MSVOA_U

ClientSampleId :

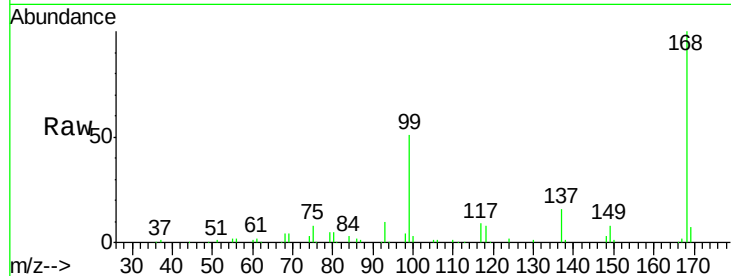
CL-01-011819-C

Tot Ion:168 Resp: 114463

Ion Ratio Lower Upper

168 100

99 51.4 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU028994.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028994.D (-1167) (-)

4.98

50000

40000

30000

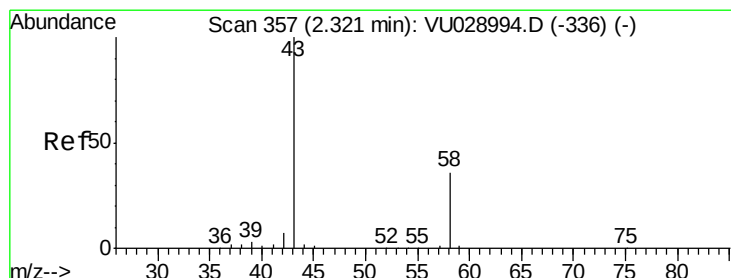
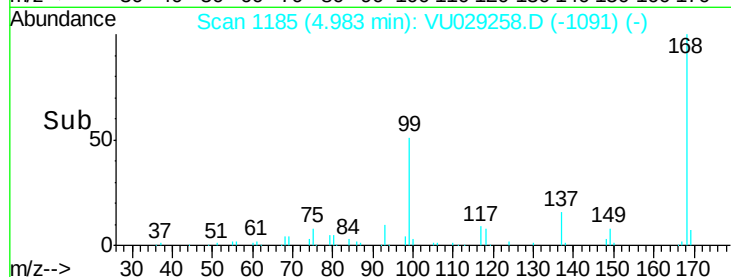
20000

10000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 37.410 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU029258.D

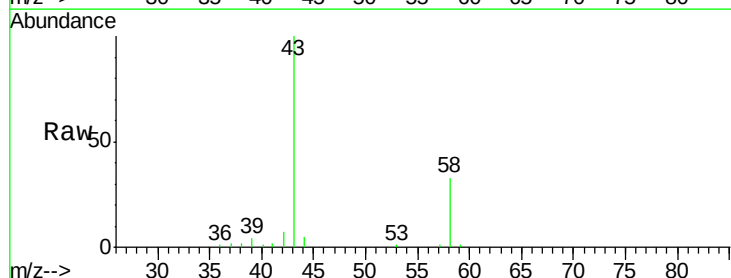
Acq: 21 Jan 2019 18:56

Tgt Ion: 43 Resp: 33347

Ion Ratio Lower Upper

43 100

58 33.4 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VU028994.D (-336) (-)

Ion 58.00 (57.70 to 58.70): VU028994.D (-336) (-)

2.32

20000

15000

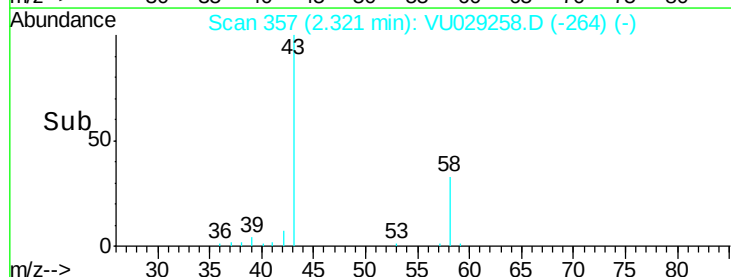
10000

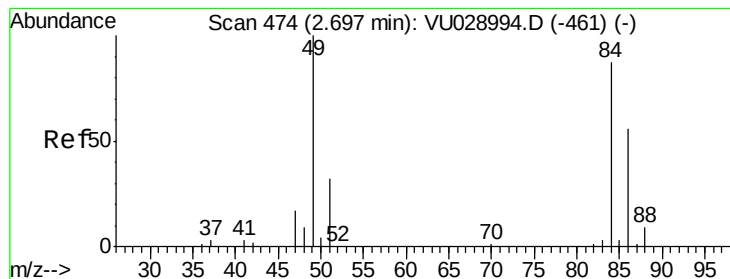
5000

0

2.25 2.30 2.35 2.40 2.45

Time-->





#20

Methylene Chloride

Concen: 5.667 ug/l

RT: 2.70 min Scan# 476

Delta R.T. 0.01 min

Lab File: VU029258.D

Acq: 21 Jan 2019 18:56

Instrument :

MSVOA_U

ClientSampleId :

CL-01-011819-C

Tot Ion: 84 Resp: 8576

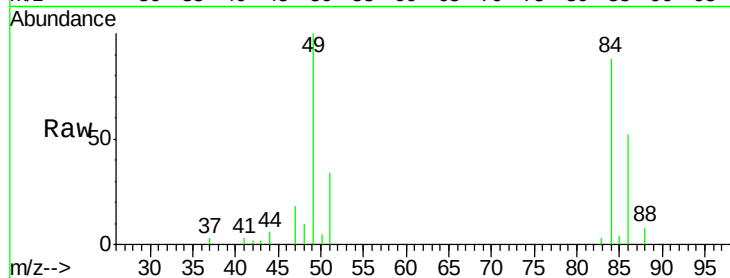
Ion Ratio Lower Upper

84 100

49 113.0 91.9 137.9

51 38.9 29.2 43.8

86 58.4 51.8 77.6

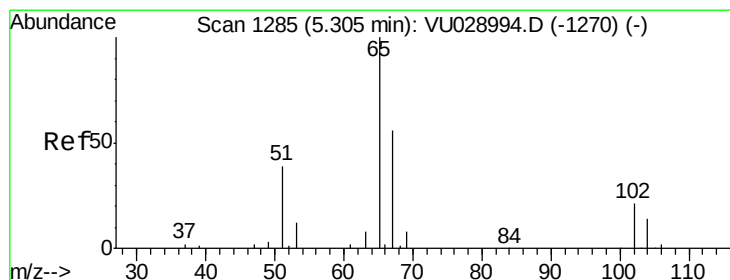
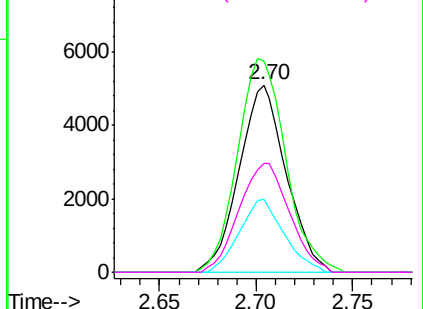
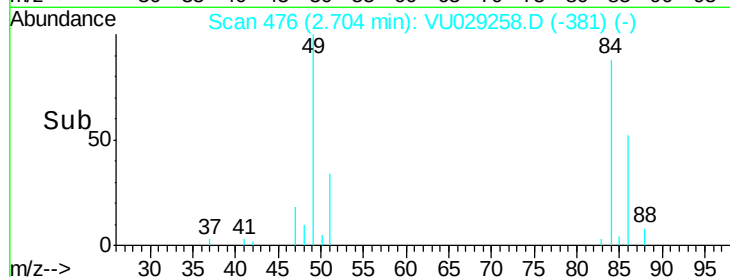


Abundance Ion 83.90 (83.60 to 84.60): VU0

Ion 48.90 (48.60 to 49.60): VU0

Ion 50.90 (50.60 to 51.60): VU0

Ion 85.90 (85.60 to 86.60): VU0



#33

1,2-Dichloroethane-d4

Concen: 55.422 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU029258.D

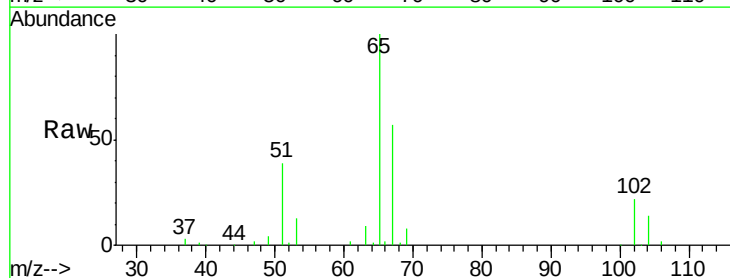
Acq: 21 Jan 2019 18:56

Tgt Ion: 65 Resp: 78421

Ion Ratio Lower Upper

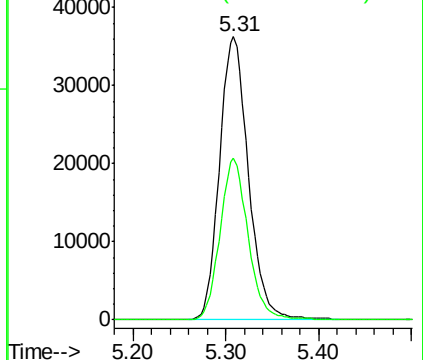
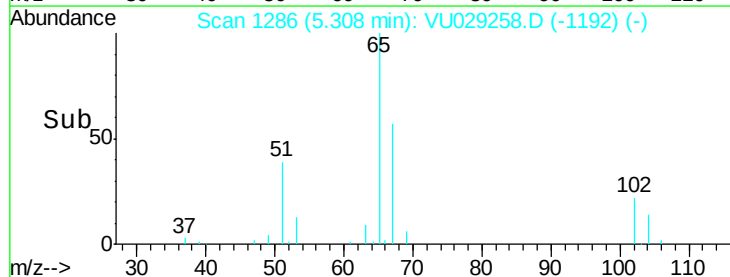
65 100

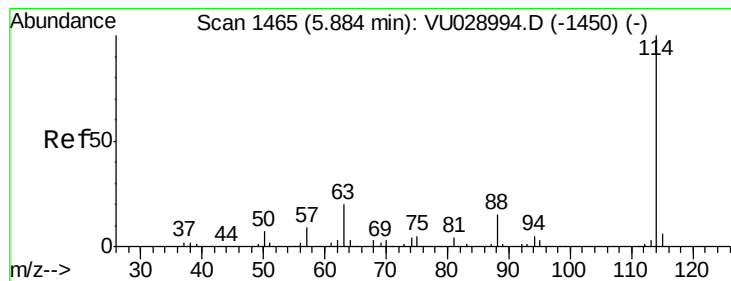
67 55.1 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.88 min Scan# 1465

Delta R.T. -0.00 min

Lab File: VU029258.D

Acq: 21 Jan 2019 18:56

Instrument :

MSVOA_U

ClientSampleId :

CL-01-011819-C

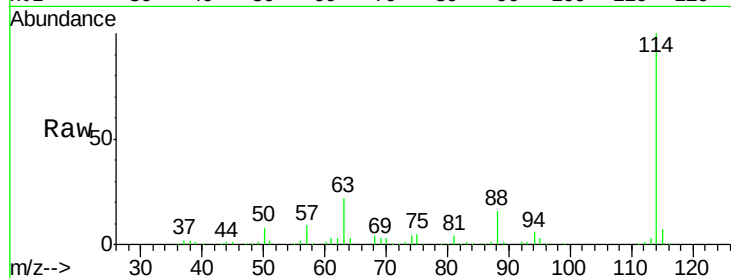
Tot Ion:114 Resp: 200903

Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.2

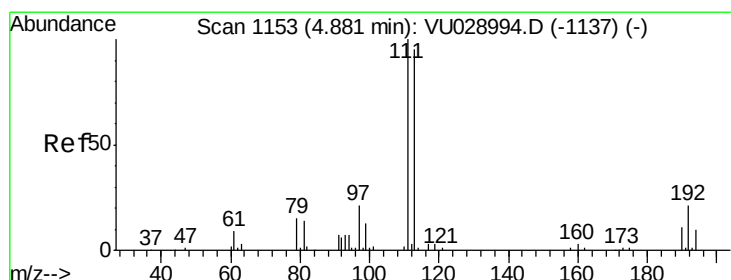
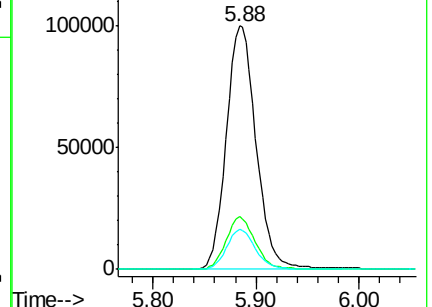
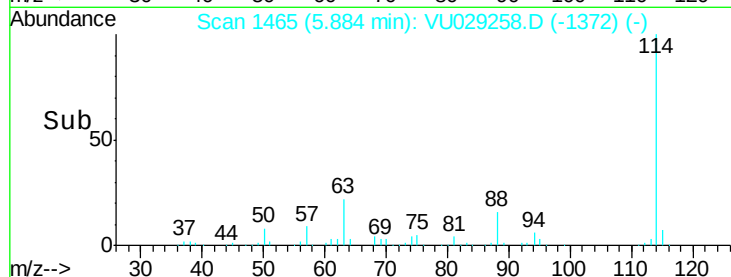
88 16.4 0.0 30.4



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: 52.325 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. -0.00 min

Lab File: VU029258.D

Acq: 21 Jan 2019 18:56

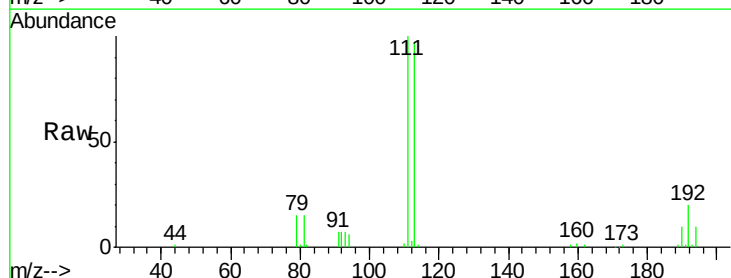
Tgt Ion:113 Resp: 68144

Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.2

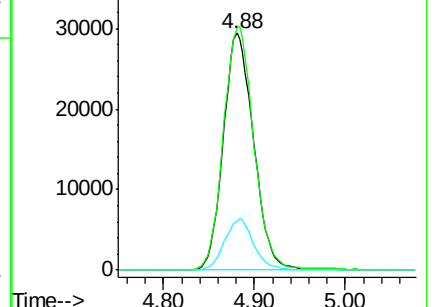
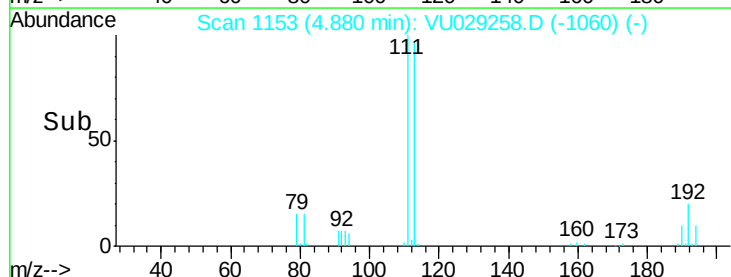
192 20.6 16.8 25.2

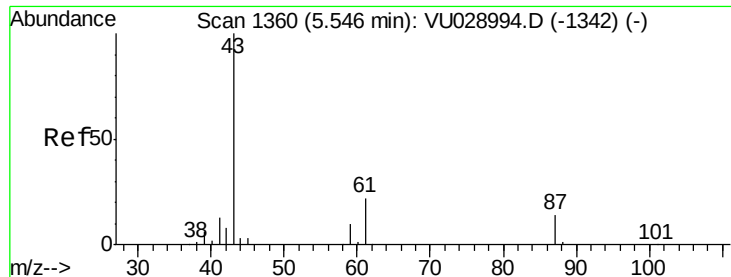


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

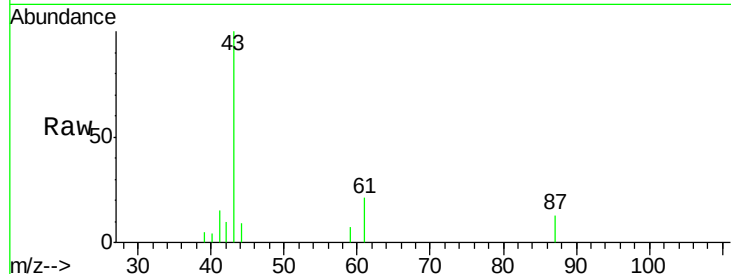




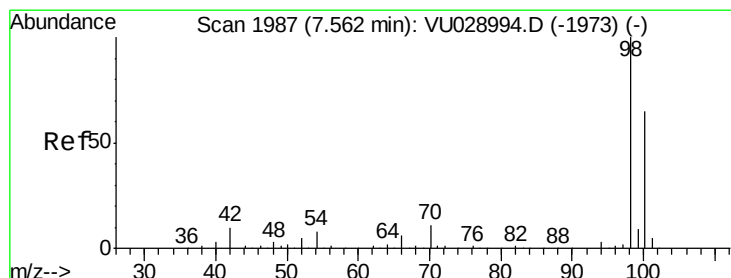
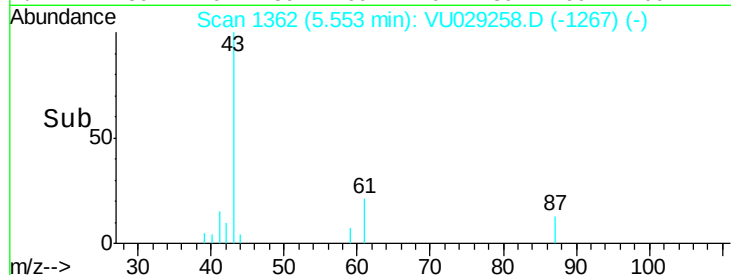
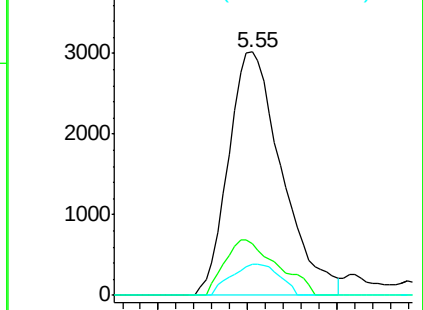
#43
Isopropyl Acetate
Concen: 1.859 ug/l
RT: 5.55 min Scan# 1362
Delta R.T. 0.01 min
Lab File: VU029258.D
Acq: 21 Jan 2019 18:56

Instrument :
MSVOA_U
ClientSampleId :
CL-01-011819-C

Tot Ion: 43 Resp: 6286
Ion Ratio Lower Upper
43 100
61 22.3 17.8 26.6
87 11.7 11.3 16.9

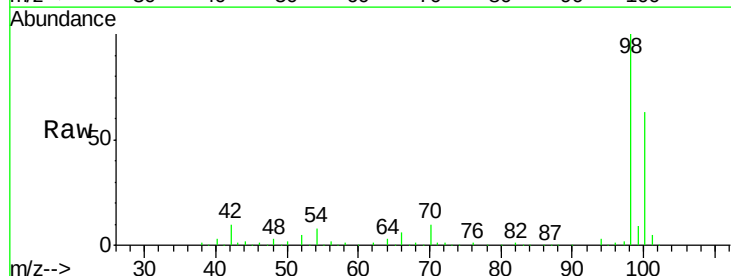


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 87.00 (86.70 to 87.70): VU0

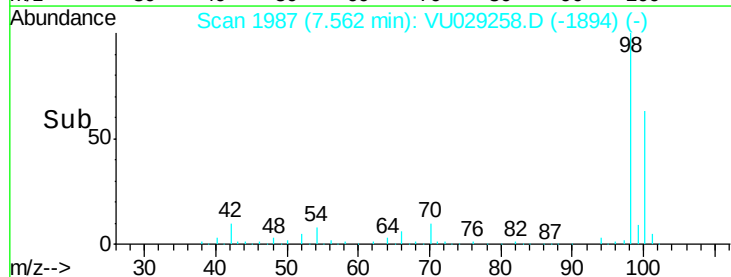
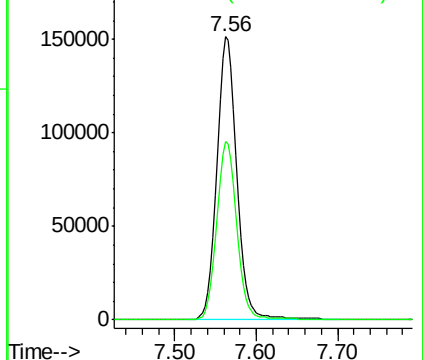


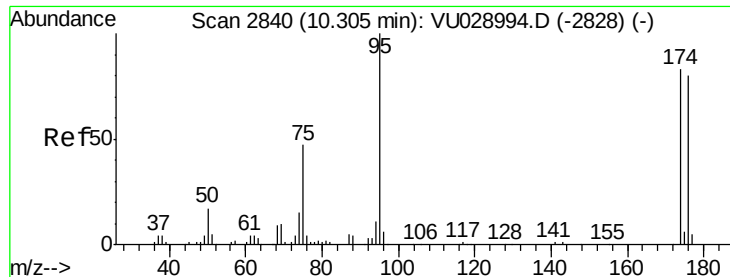
#50
Toluene-d8
Concen: 51.369 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VU029258.D
Acq: 21 Jan 2019 18:56

Tgt Ion: 98 Resp: 264107
Ion Ratio Lower Upper
98 100
100 63.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU0





#62

4-Bromofluorobenzene

Concen: 44.981 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU029258.D

Acq: 21 Jan 2019 18:56

Instrument :

MSVOA_U

ClientSampleId :

CL-01-011819-C

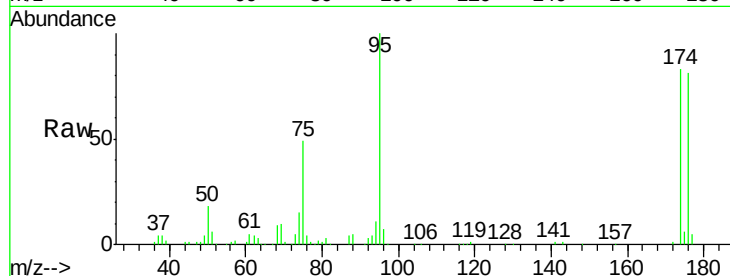
Tot Ion: 95 Resp: 83112

Ion Ratio Lower Upper

95 100

174 83.4 0.0 170.6

176 80.4 0.0 165.0

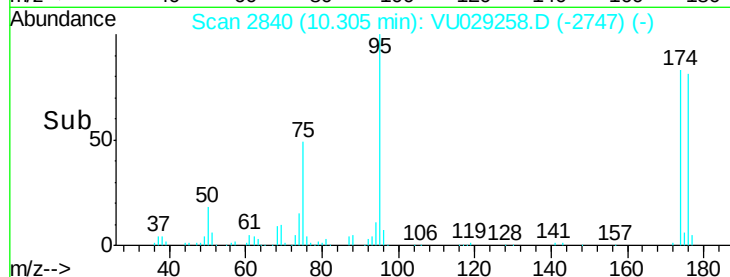


Abundance Ion 94.90 (94.60 to 95.60): VU028994.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU028994.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU028994.D (-2828) (-)

Time--> 10.20 10.30 10.40

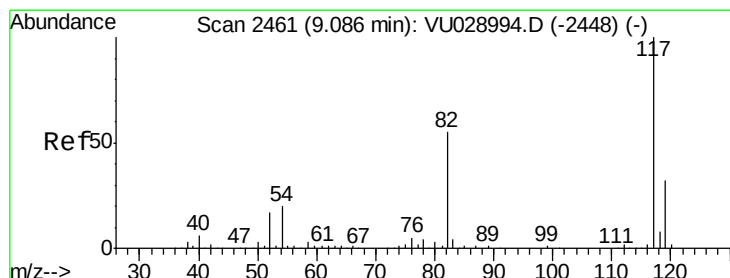


Abundance Ion 94.90 (94.60 to 95.60): VU029258.D (-2747) (-)

Ion 173.80 (173.50 to 174.50): VU029258.D (-2747) (-)

Ion 175.80 (175.50 to 176.50): VU029258.D (-2747) (-)

Time--> 10.20 10.30 10.40



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2461

Delta R.T. -0.00 min

Lab File: VU029258.D

Acq: 21 Jan 2019 18:56

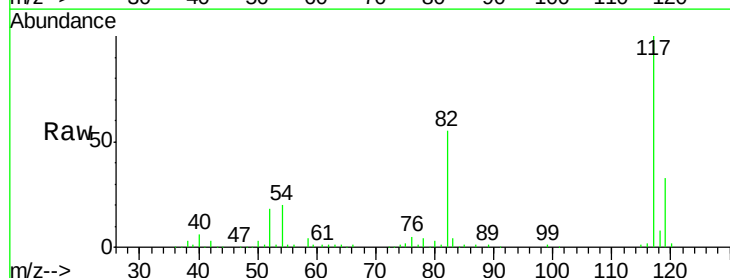
Tgt Ion: 117 Resp: 190758

Ion Ratio Lower Upper

117 100

82 55.4 43.9 65.9

119 33.0 26.0 39.0

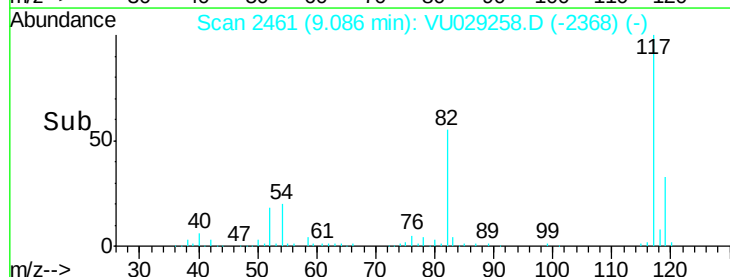


Abundance Ion 116.90 (116.60 to 117.60): VU028994.D (-2448) (-)

Ion 82.00 (81.70 to 82.70): VU028994.D (-2448) (-)

Ion 118.90 (118.60 to 119.60): VU028994.D (-2448) (-)

Time--> 9.00 9.10 9.20

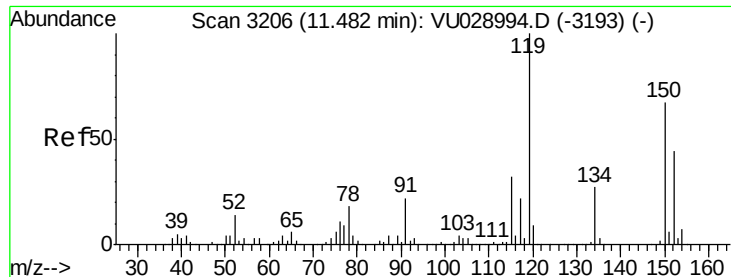


Abundance Ion 116.90 (116.60 to 117.60): VU029258.D (-2368) (-)

Ion 82.00 (81.70 to 82.70): VU029258.D (-2368) (-)

Ion 118.90 (118.60 to 119.60): VU029258.D (-2368) (-)

Time--> 9.00 9.10 9.20



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. -0.00 min

Lab File: VU029258.D

Acq: 21 Jan 2019 18:56

Instrument :

MSVOA_U

ClientSampleId :

CL-01-011819-C

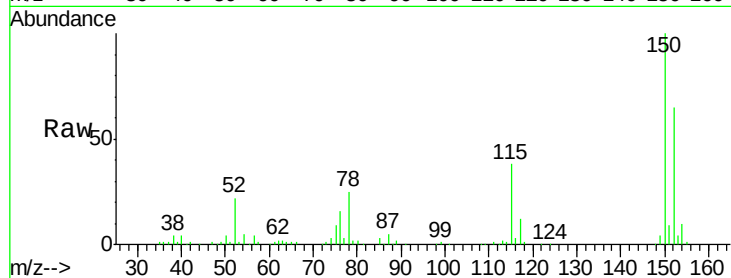
Tot Ion:152 Resp: 75872

Ion Ratio Lower Upper

152 100

115 58.0 40.1 120.3

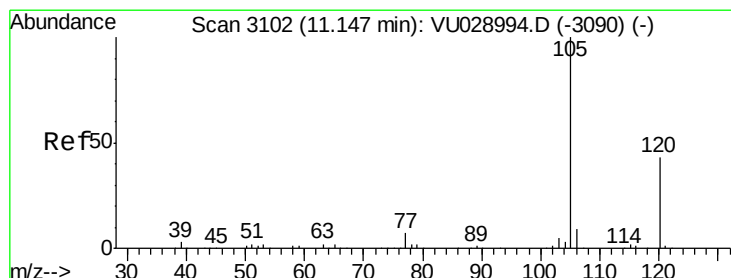
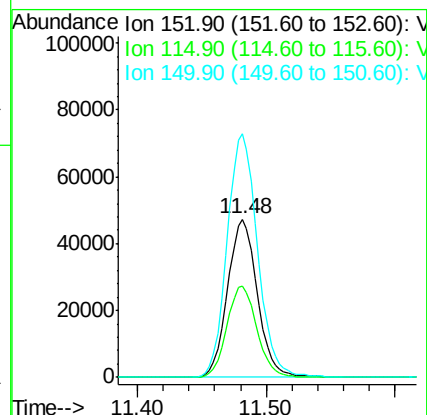
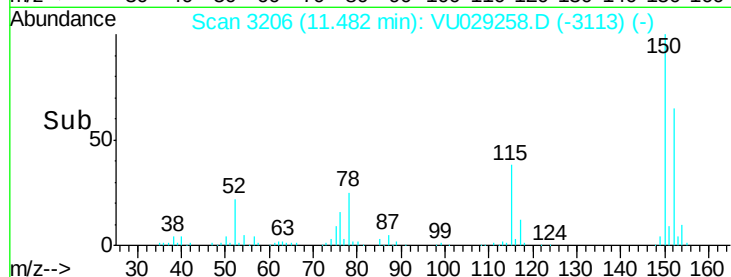
150 157.5 0.0 345.2



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



#84

1,2,4-Trimethylbenzene

Concen: 1.214 ug/l

RT: 11.15 min Scan# 3102

Delta R.T. -0.00 min

Lab File: VU029258.D

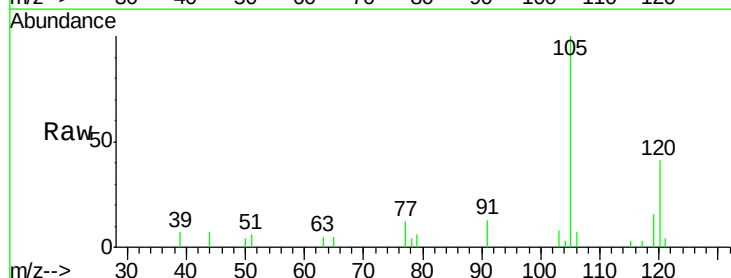
Acq: 21 Jan 2019 18:56

Tgt Ion:105 Resp: 5683

Ion Ratio Lower Upper

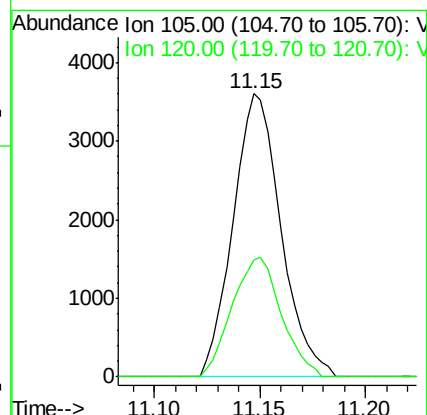
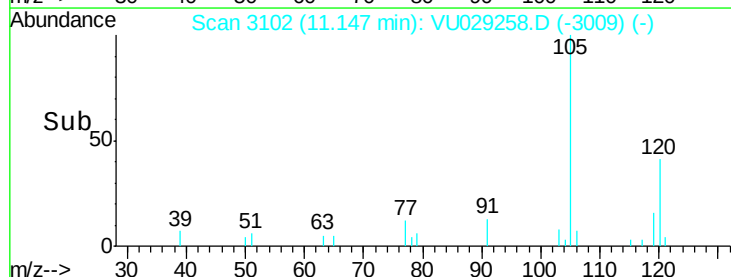
105 100

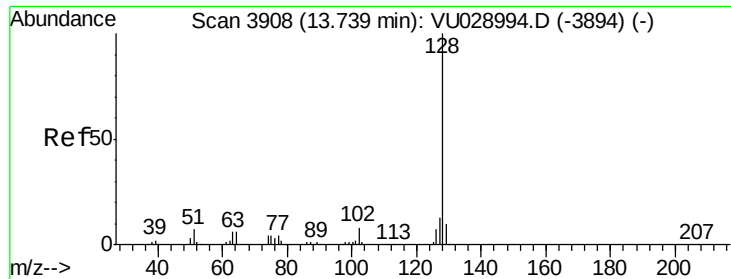
120 43.2 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95
 Naphthalene
 Concen: 3.307 ug/l
 RT: 13.75 min Scan# 3910
 Delta R.T. 0.01 min
 Lab File: VU029258.D
 Acq: 21 Jan 2019 18:56

Instrument :
 MSVOA_U
 ClientSampleId :
 CL-01-011819-C

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.1	15.1
129	9.7	8.5	12.7

