

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092818\
 Data File : VU027298.D
 Acq On : 29 Sep 2018 02:19
 Operator : MD/SY
 Sample : J4771-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 NB-08-092718

Quant Time: Oct 01 02:08:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	103548	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	177369	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	168124	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	82160	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	101303	48.61	ug/l	0.00
Spiked Amount			Recovery	=	97.22%	
35) Dibromofluoromethane	4.88	113	71662	46.61	ug/l	0.00
Spiked Amount			Recovery	=	93.22%	
50) Toluene-d8	7.57	98	279398	47.69	ug/l	0.00
Spiked Amount			Recovery	=	95.38%	
62) 4-Bromofluorobenzene	10.31	95	94342	46.92	ug/l	0.00
Spiked Amount			Recovery	=	93.84%	

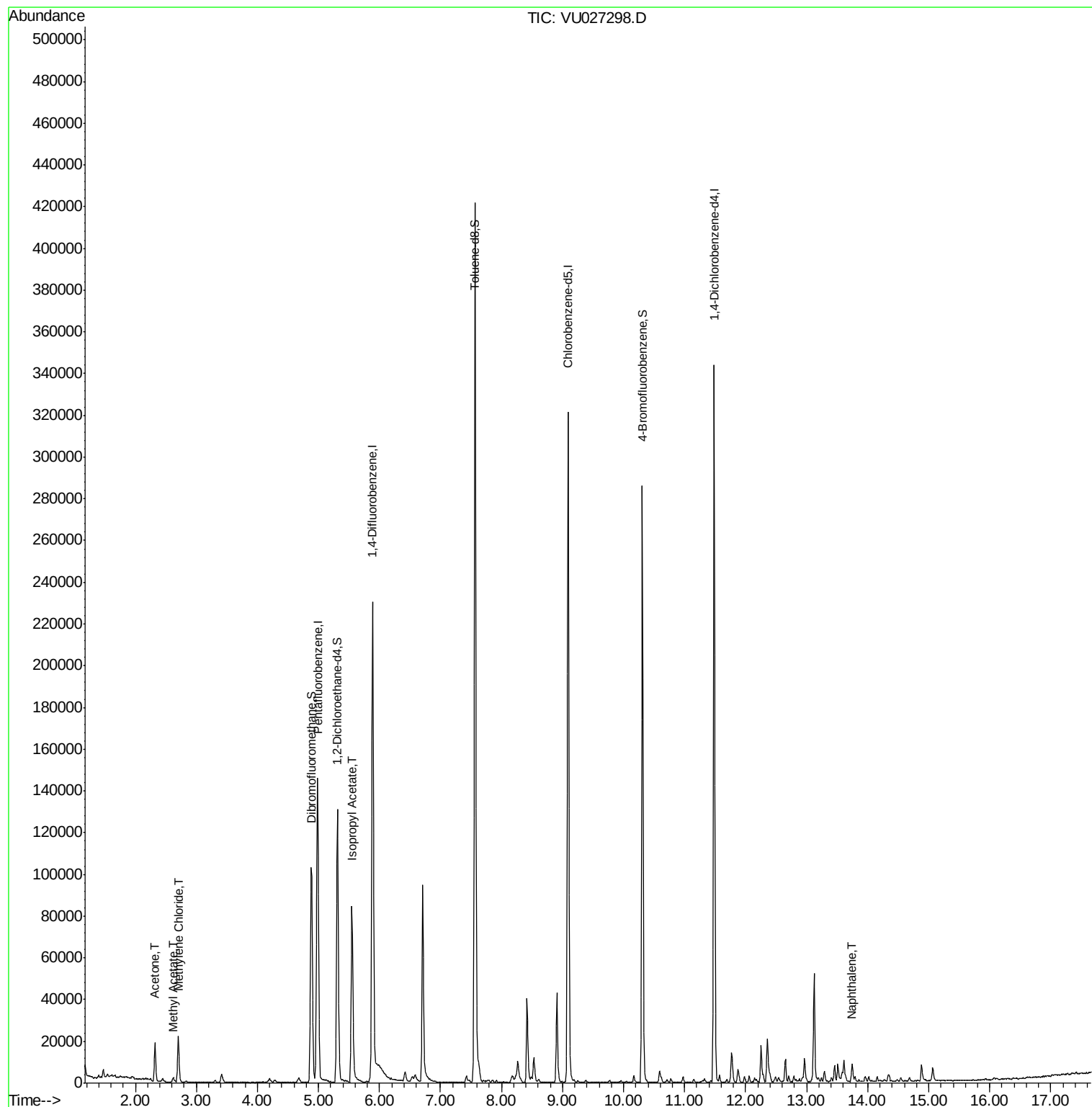
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	20020	1.600	ug/l	97
18) Methyl Acetate	2.62	43	3379	1.139	ug/l	93
20) Methylene Chloride	2.70	84	9544	5.113	ug/l	98
43) Isopropyl Acetate	5.55	43	100885	21.587	ug/l	98
95) Naphthalene	13.75	128	7531	2.759	ug/l	99

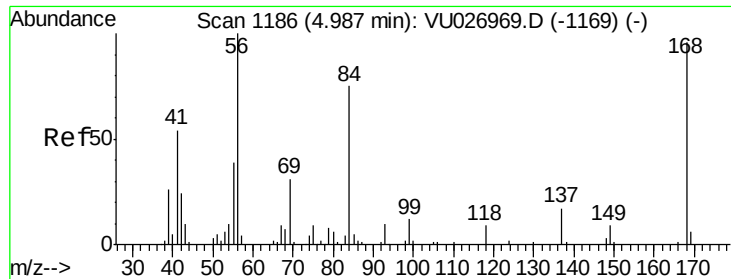
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Sep 22 01:31:57 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027298.D

Acq: 29 Sep 2018 02:19

Instrument :

MSVOA_U

ClientSampleId :

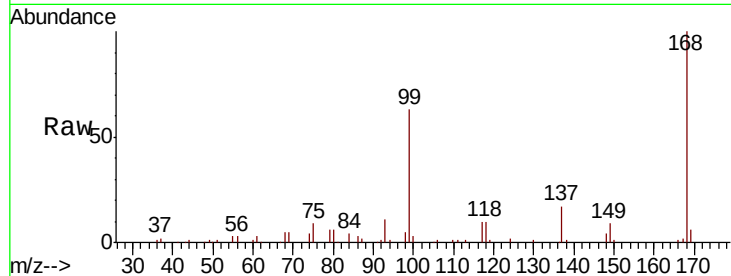
NB-08-092718

Tot Ion:168 Resp: 103548

Ion Ratio Lower Upper

168 100

99 62.8 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)

4.99

50000

40000

30000

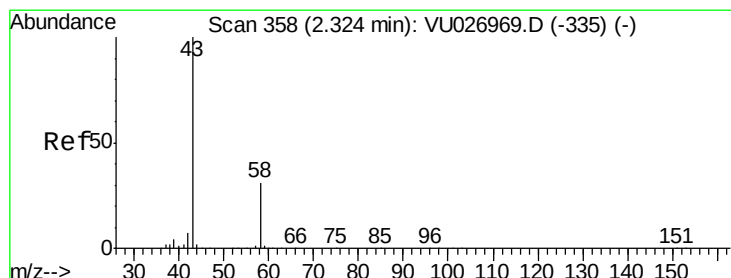
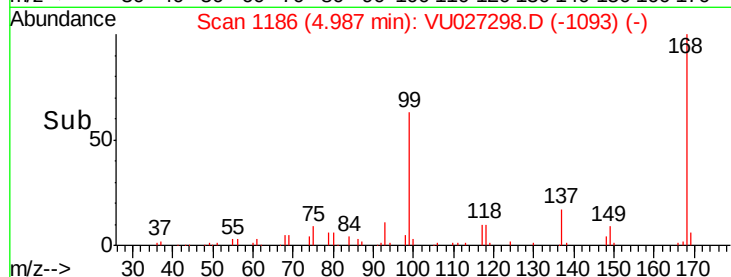
20000

10000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#16

Acetone

Concen: 1.600 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027298.D

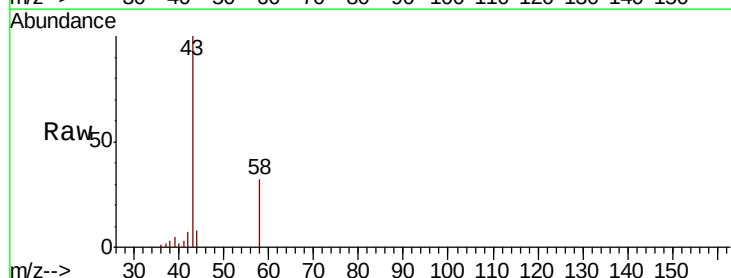
Acq: 29 Sep 2018 02:19

Tgt Ion: 43 Resp: 20020

Ion Ratio Lower Upper

43 100

58 32.1 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-335) (-)

Ion 58.00 (57.70 to 58.70): VU026969.D (-335) (-)

2.32

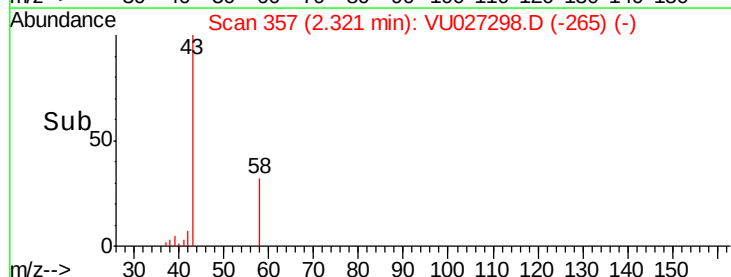
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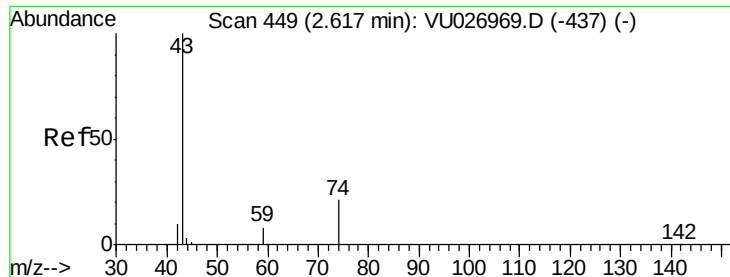
5000

0

2.20 2.30 2.40

Time-->

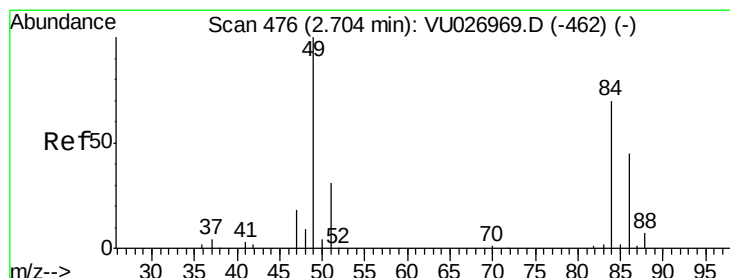
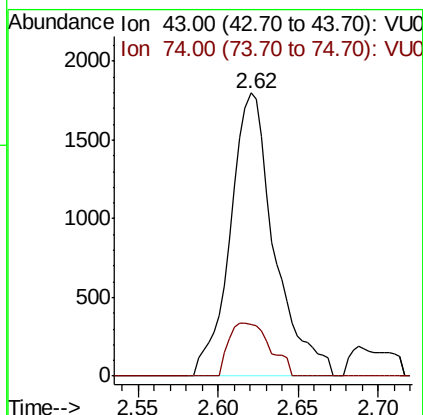
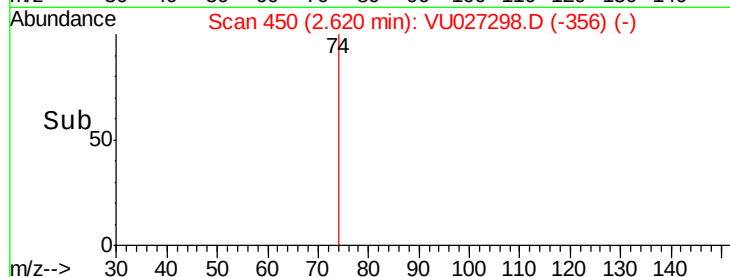
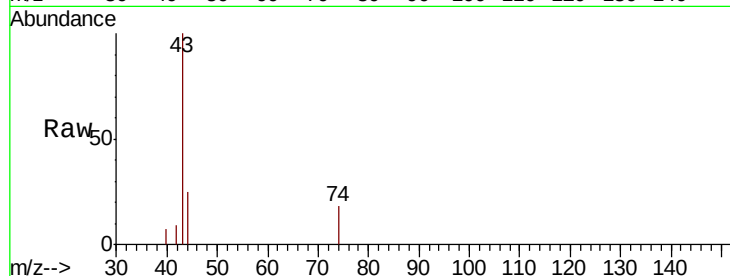




#18
Methyl Acetate
Concen: 1.139 ug/l
RT: 2.62 min Scan# 450
Delta R.T. 0.00 min
Lab File: VU027298.D
Acq: 29 Sep 2018 02:19

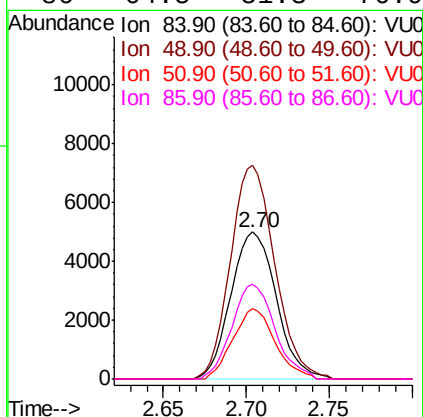
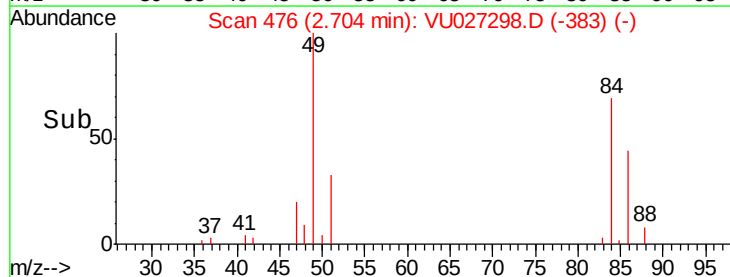
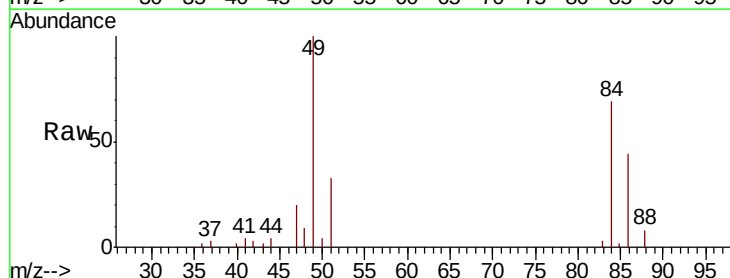
Instrument :
MSVOA_U
ClientSampleId :
NB-08-092718

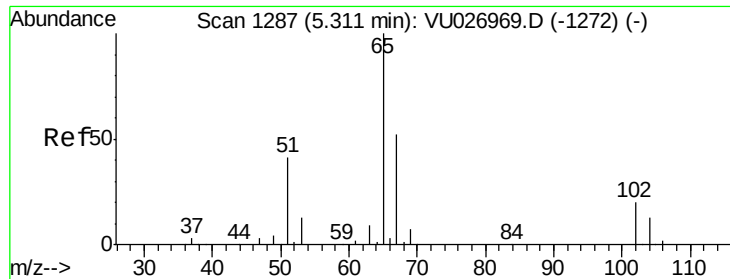
Tot Ion: 43 Resp: 3379
Ion Ratio Lower Upper
43 100
74 17.5 16.6 25.0



#20
Methylene Chloride
Concen: 5.113 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027298.D
Acq: 29 Sep 2018 02:19

Tgt Ion: 84 Resp: 9544
Ion Ratio Lower Upper
84 100
49 145.6 114.9 172.3
51 48.2 35.8 53.8
86 64.5 51.3 76.9

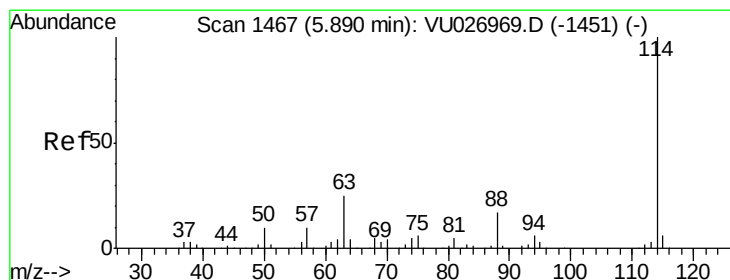
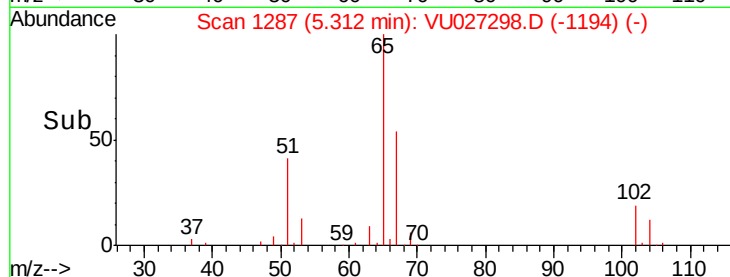
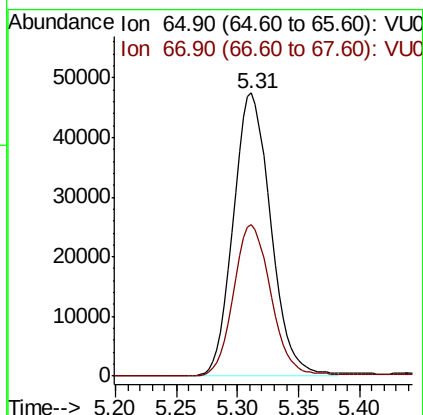
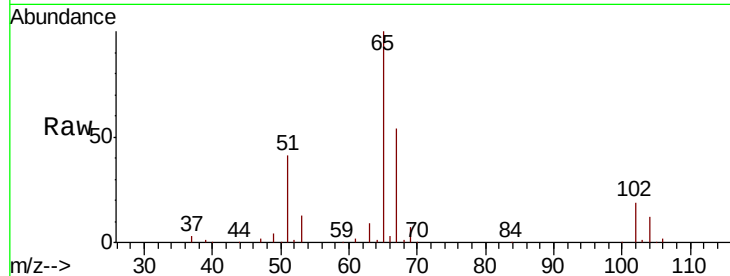




#33
 1,2-Dichloroethane-d4
 Concen: 48.608 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027298.D
 Acq: 29 Sep 2018 02:19

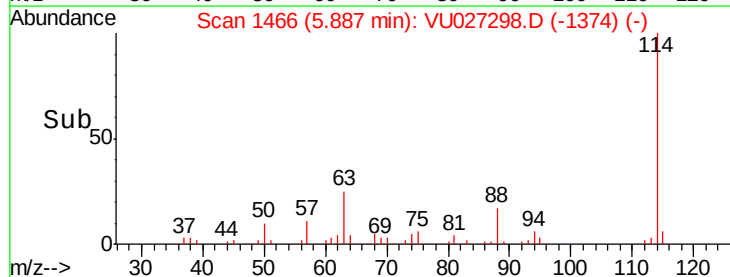
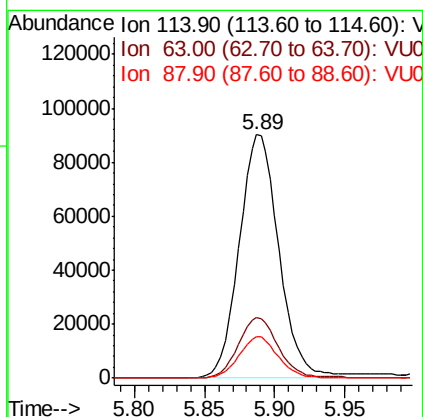
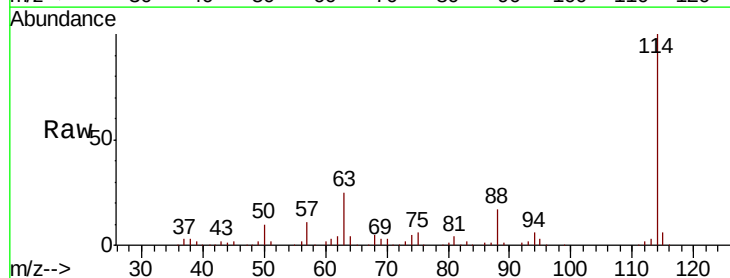
Instrument :
 MSVOA_U
 ClientSampleId :
 NB-08-092718

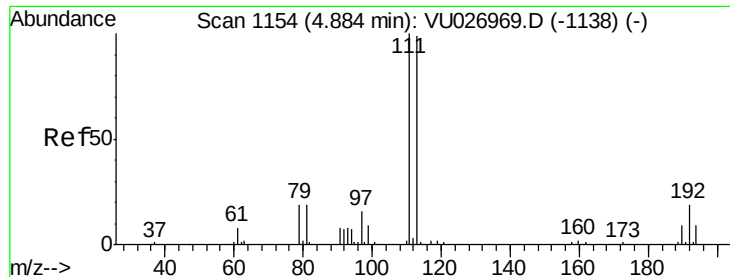
Tot Ion: 65 Resp: 101303
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027298.D
 Acq: 29 Sep 2018 02:19

Tgt Ion: 114 Resp: 177369
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 49.2
 88 17.2 0.0 33.8

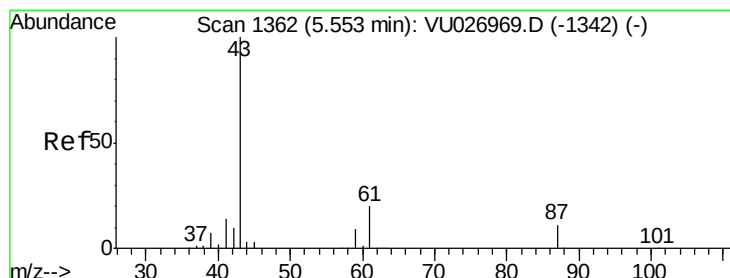
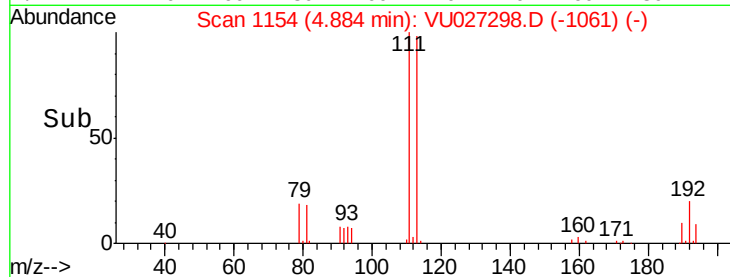
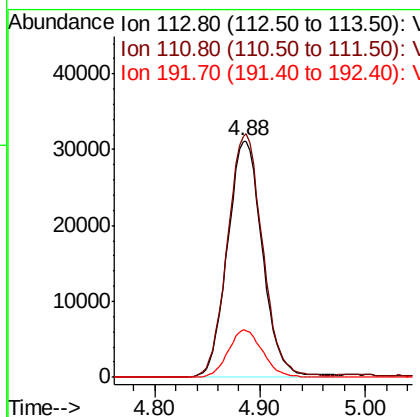
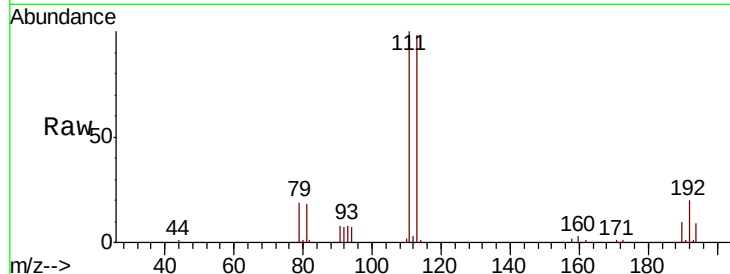




#35
 Dibromofluoromethane
 Concen: 46.611 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027298.D
 Acq: 29 Sep 2018 02:19

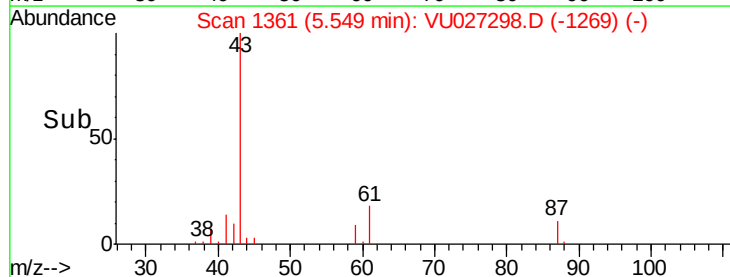
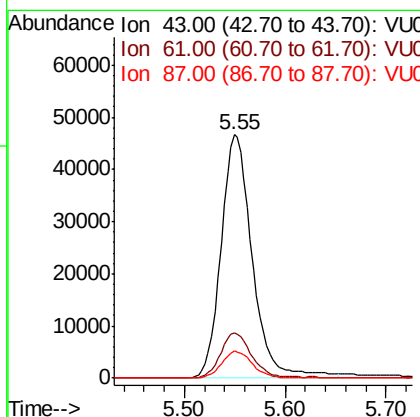
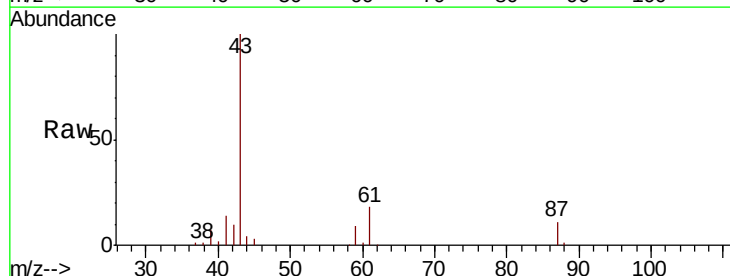
Instrument :
 MSVOA_U
 ClientSampleId :
 NB-08-092718

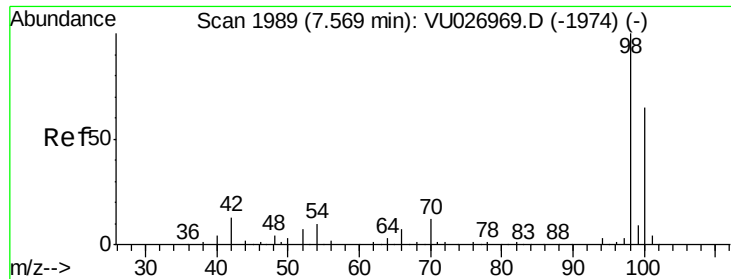
Tot Ion:113 Resp: 71662
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.2 123.4
 192 19.5 15.2 22.8



#43
 Isopropyl Acetate
 Concen: 21.587 ug/l
 RT: 5.55 min Scan# 1361
 Delta R.T. -0.00 min
 Lab File: VU027298.D
 Acq: 29 Sep 2018 02:19

Tgt Ion: 43 Resp: 100885
 Ion Ratio Lower Upper
 43 100
 61 18.5 15.7 23.5
 87 10.9 9.0 13.4





#50

Toluene-d8

Concen: 47.685 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU027298.D

Acq: 29 Sep 2018 02:19

Instrument :

MSVOA_U

ClientSampleId :

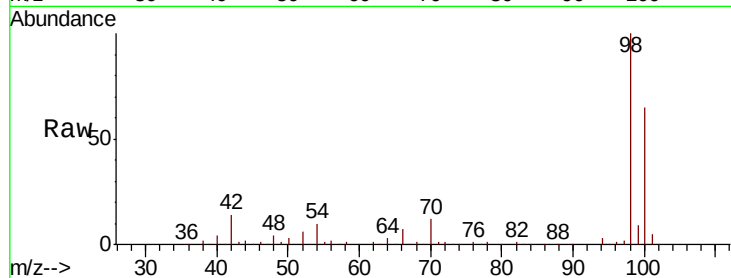
NB-08-092718

Tot Ion: 98 Resp: 279398

Ion Ratio Lower Upper

98 100

100 64.4 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU026969.D (-1974) (-)

Ion 100.00 (99.70 to 100.70): VU026969.D (-1974) (-)

7.57

150000

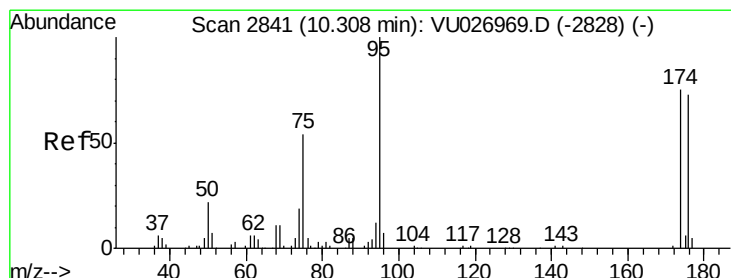
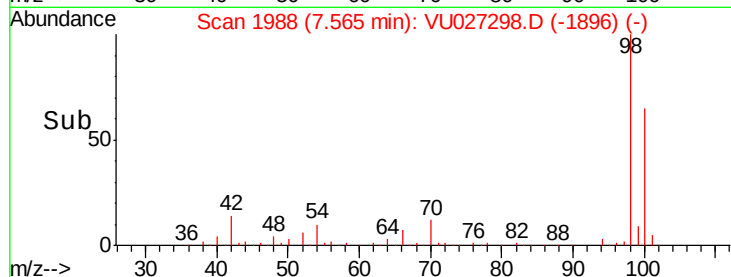
100000

50000

0

7.50 7.60 7.70

Time-->



#62

4-Bromofluorobenzene

Concen: 46.925 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027298.D

Acq: 29 Sep 2018 02:19

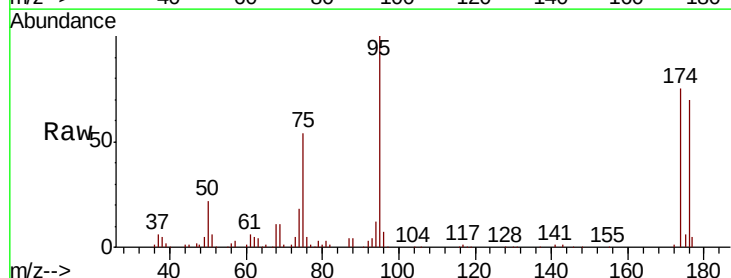
Tgt Ion: 95 Resp: 94342

Ion Ratio Lower Upper

95 100

174 74.1 0.0 150.2

176 70.3 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU026969.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU026969.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU026969.D (-2828) (-)

80000

60000

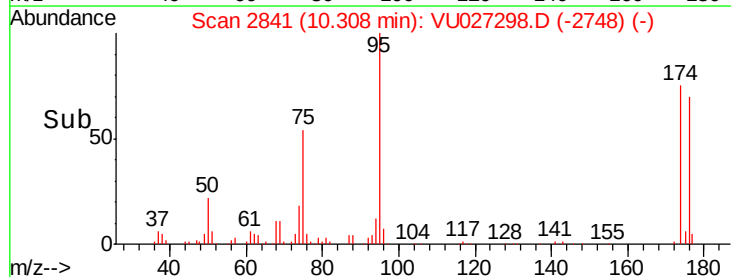
40000

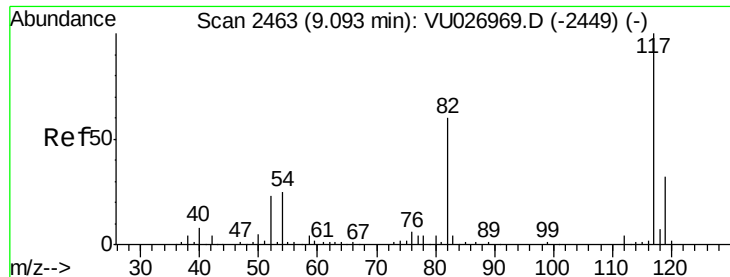
20000

0

10.20 10.30 10.40

Time-->

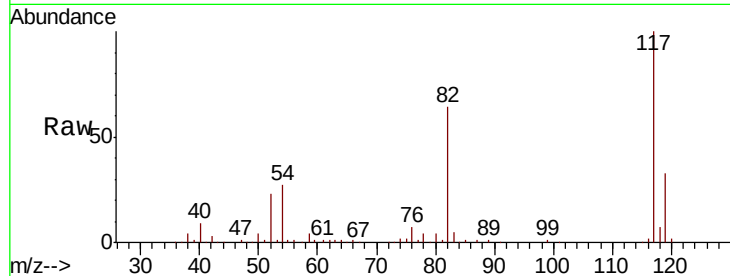




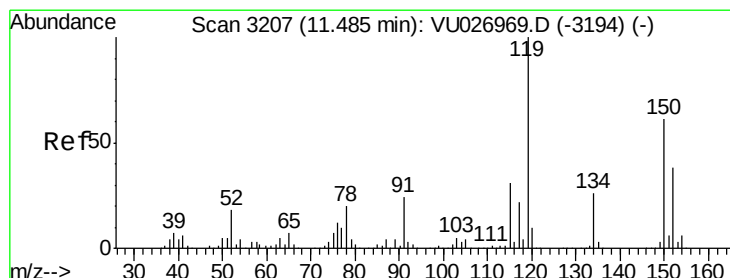
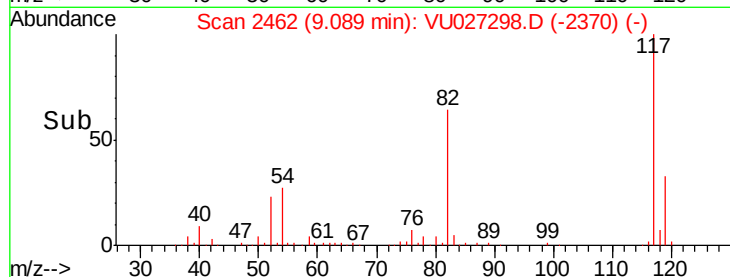
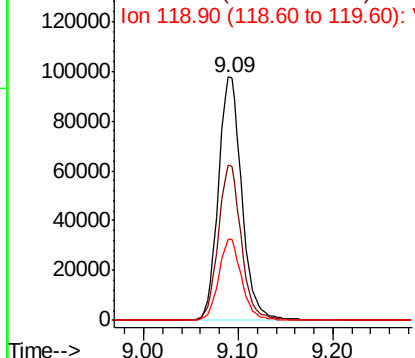
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027298.D
Acq: 29 Sep 2018 02:19

Instrument :
MSVOA_U
ClientSampleId :
NB-08-092718

Tot Ion:117 Resp: 168124
Ion Ratio Lower Upper
117 100
82 64.0 48.0 72.0
119 33.2 25.8 38.8

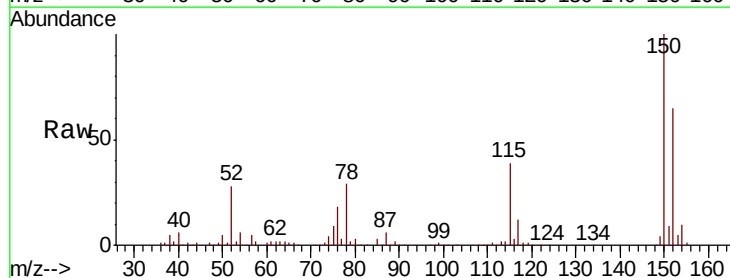


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

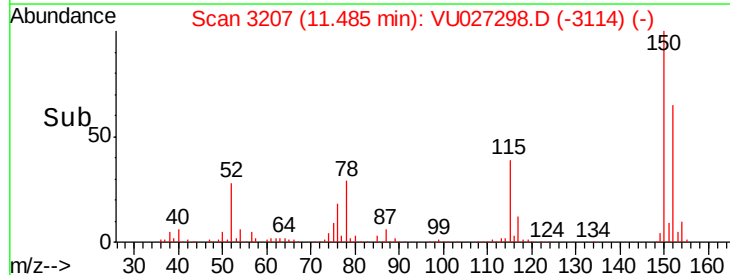
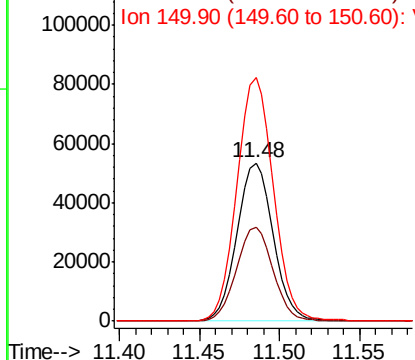


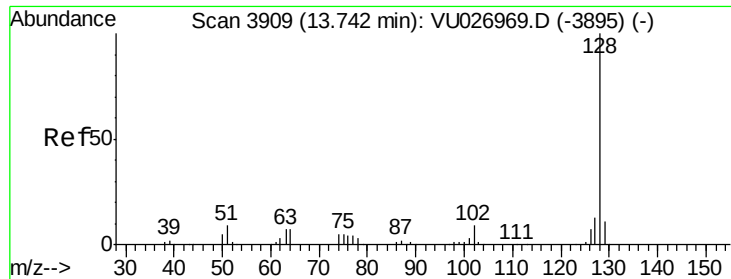
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027298.D
Acq: 29 Sep 2018 02:19

Tgt Ion:152 Resp: 82160
Ion Ratio Lower Upper
152 100
115 59.9 44.9 134.5
150 155.7 0.0 355.8



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: 2.759 ug/l

RT: 13.75 min Scan# 3910

Delta R.T. 0.00 min

Lab File: VU027298.D

Acq: 29 Sep 2018 02:19

Instrument :

MSVOA_U

ClientSampleId :

NB-08-092718

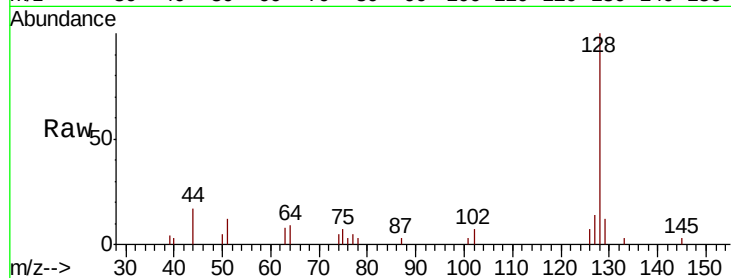
Tot Ion:128 Resp: 7531

Ion Ratio Lower Upper

128 100

127 12.8 10.6 15.8

129 10.4 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

