

Data File : VU026998.D
Acq On : 22 Sep 2018 05:45
Operator : MD/SY
Sample : J4958-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BP-FB01-20180913

Quant Time: Sep 24 02:44:50 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	75776	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	149176	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	154162	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	73755	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	89844	58.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.82%	
35) Dibromofluoromethane	4.88	113	67517	52.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.42%	
50) Toluene-d8	7.57	98	235225	47.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.46%	
62) 4-Bromofluorobenzene	10.31	95	82850	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	

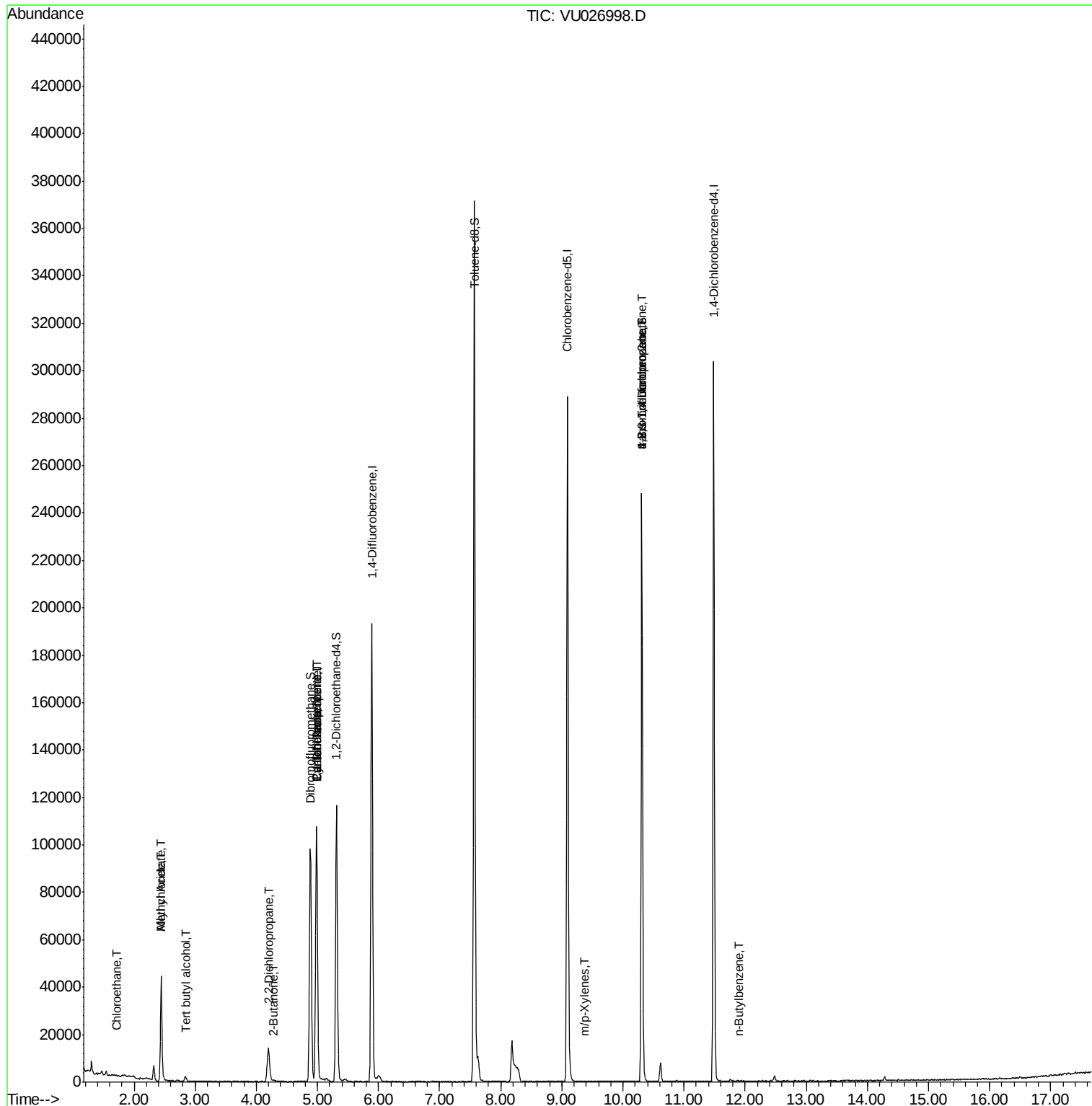
Target Compounds			Qvalue			
6) Chloroethane	1.70	64	299	0.294	ug/l #	43
11) Tert butyl alcohol	2.84	59	1758	5.029	ug/l #	72
14) Allyl chloride	2.44	41	4323	2.037	ug/l #	69
16) Acetone	2.32	43	6091	Below Cal		99
18) Methyl Acetate	2.44	43	11112	5.119	ug/l #	55
25) 2-Butanone	4.30	43	497	0.388	ug/l #	53
26) 2,2-Dichloropropane	4.20	77	932	0.478	ug/l #	55
31) Cyclohexane	4.99	56	1826	0.231	ug/l #	1
36) 1,1-Dichloropropene	4.99	75	7204	3.618	ug/l #	49
38) Carbon Tetrachloride	4.99	117	7762	4.097	ug/l #	19
68) m/p-Xylenes	9.38	106	64	1.524	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	44820	20.003	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	44820	64.013	ug/l #	100
89) n-Butylbenzene	11.89	91	58	2.403	ug/l #	33

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU026998.D

Acq: 22 Sep 2018 05:45

Instrument :

MSVOA_U

ClientSampleId :

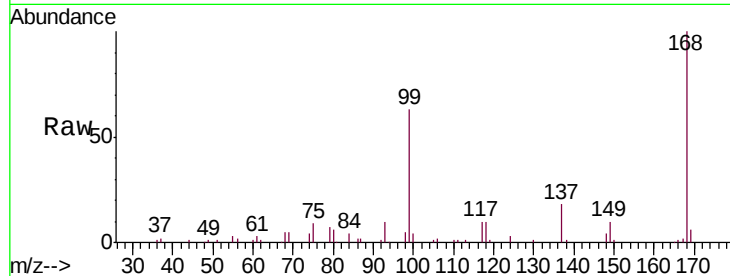
BP-FB01-20180913

Tgt Ion:168 Resp: 75776

Ion Ratio Lower Upper

168 100

99 62.6 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

30000

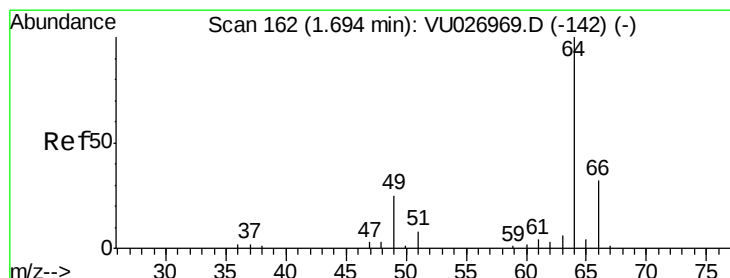
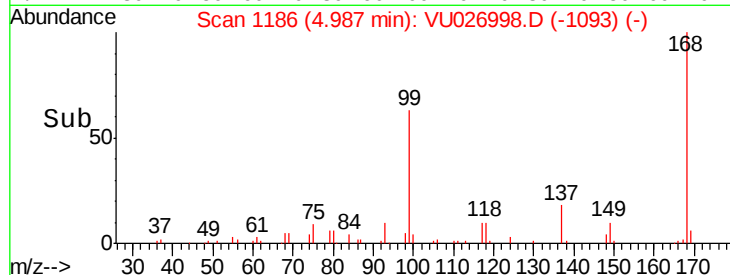
20000

10000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#6

Chloroethane

Concen: 0.294 ug/l

RT: 1.70 min Scan# 165

Delta R.T. 0.01 min

Lab File: VU026998.D

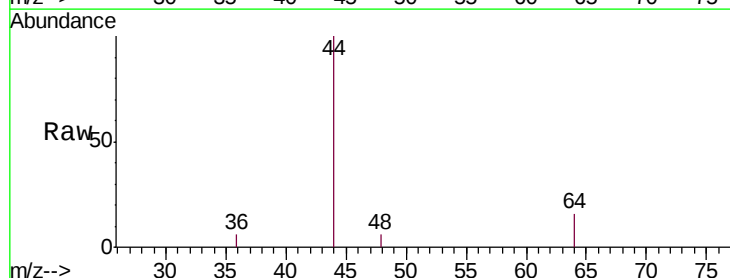
Acq: 22 Sep 2018 05:45

Tgt Ion: 64 Resp: 299

Ion Ratio Lower Upper

64 100

66 0.0 25.3 37.9#



Abundance Ion 63.90 (63.60 to 64.60): VU026969.D (-142) (-)

Ion 65.90 (65.60 to 66.60): VU026969.D (-142) (-)

1.70

400

300

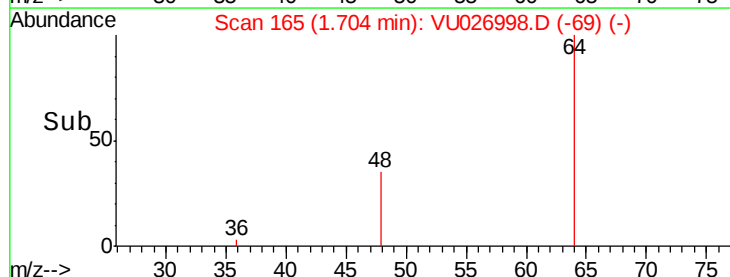
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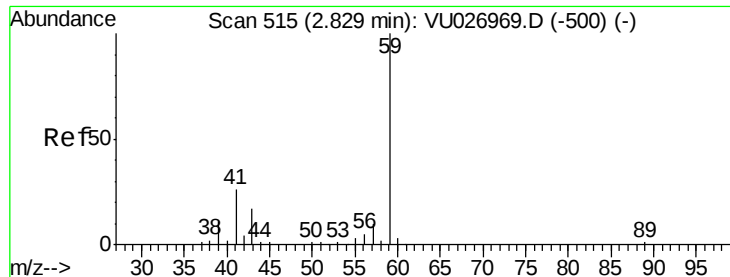
100

0

1.66 1.68 1.70 1.72 1.74

Time-->

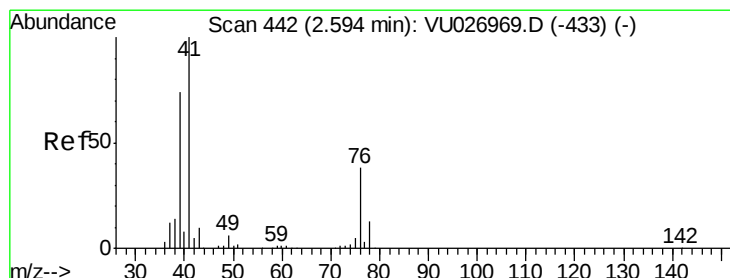
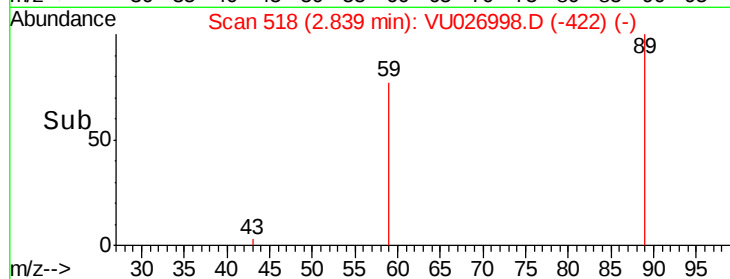
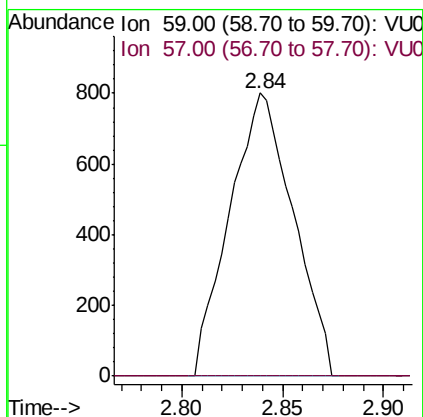
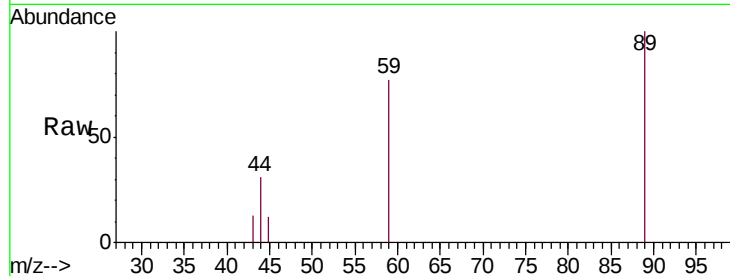




#11
Tert butyl alcohol
Concen: 5.029 ug/l
RT: 2.84 min Scan# 518
Delta R.T. 0.01 min
Lab File: VU026998.D
Acq: 22 Sep 2018 05:45

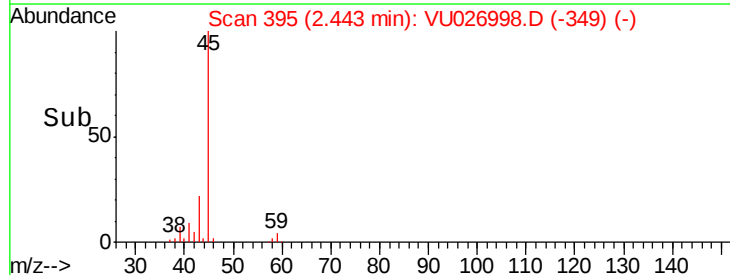
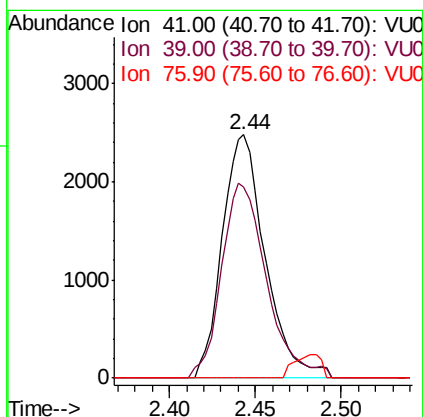
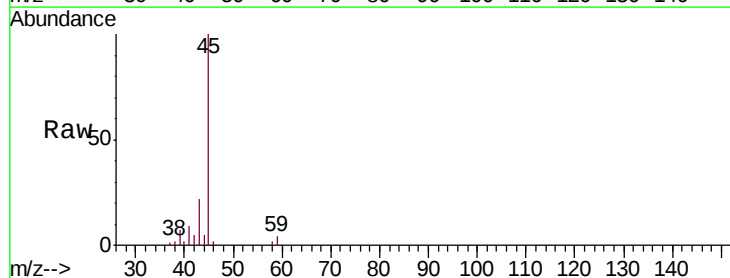
Instrument :
MSVOA_U
ClientSampleId :
BP-FB01-20180913

Tgt Ion: 59 Resp: 1758
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#14
Allyl chloride
Concen: 2.037 ug/l
RT: 2.44 min Scan# 395
Delta R.T. -0.15 min
Lab File: VU026998.D
Acq: 22 Sep 2018 05:45

Tgt Ion: 41 Resp: 4323
Ion Ratio Lower Upper
41 100
39 83.9 55.7 83.5#
76 0.0 26.5 39.7#





#16

Acetone

Concen: Below Cal

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU026998.D

Acq: 22 Sep 2018 05:45

Instrument :

MSVOA_U

ClientSampleId :

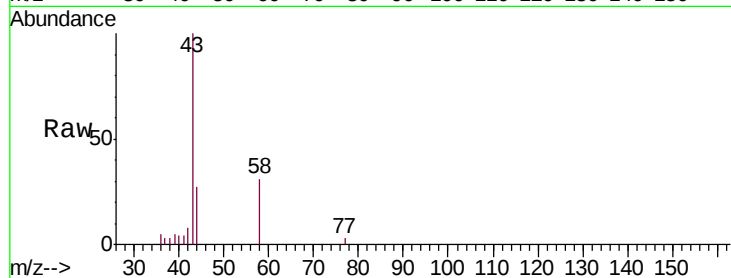
BP-FB01-20180913

Tgt Ion: 43 Resp: 6091

Ion Ratio Lower Upper

43 100

58 31.0 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

4000

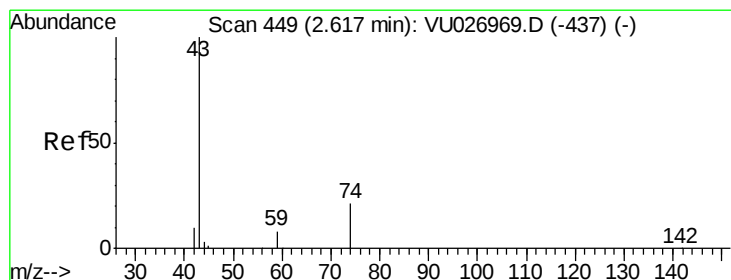
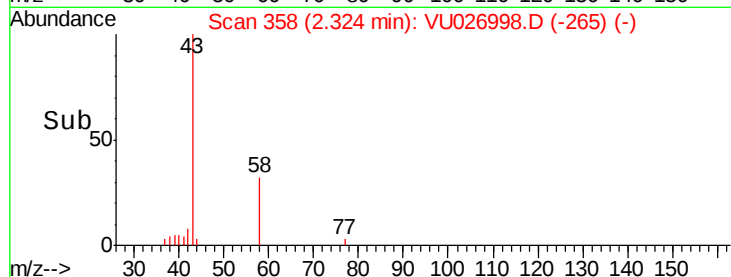
3000

2000

1000

0

Time--> 2.25 2.30 2.35



#18

Methyl Acetate

Concen: 5.119 ug/l

RT: 2.44 min Scan# 395

Delta R.T. -0.17 min

Lab File: VU026998.D

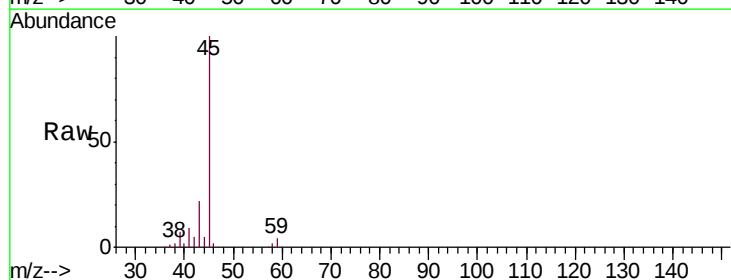
Acq: 22 Sep 2018 05:45

Tgt Ion: 43 Resp: 11112

Ion Ratio Lower Upper

43 100

74 0.0 16.6 25.0#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

2.44

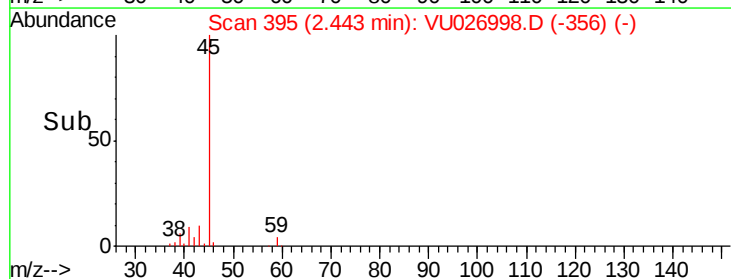
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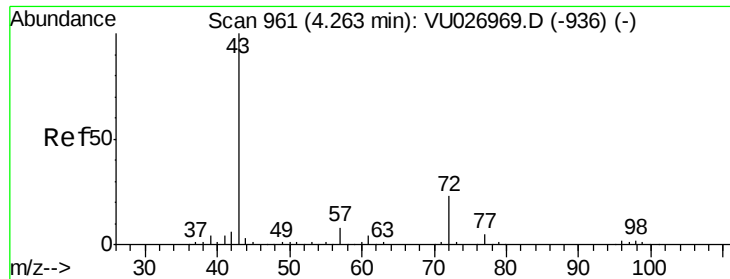
4000

2000

0

Time--> 2.40 2.45 2.50

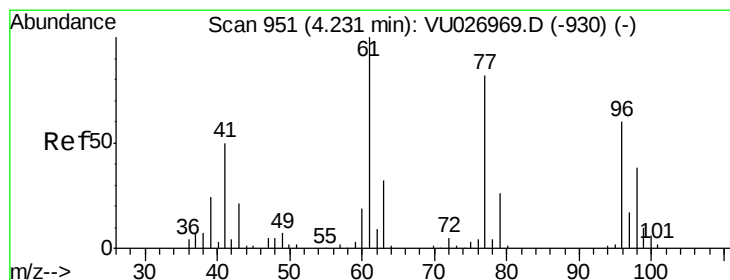
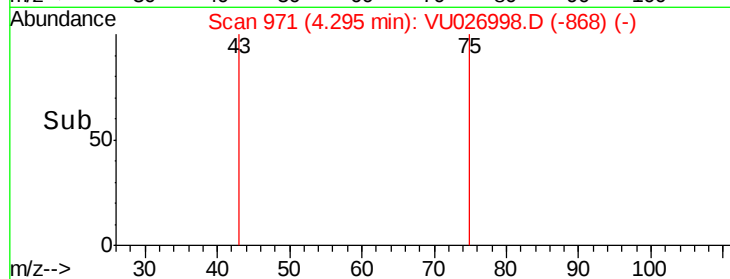
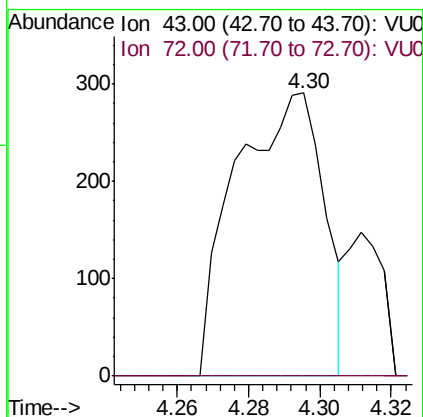
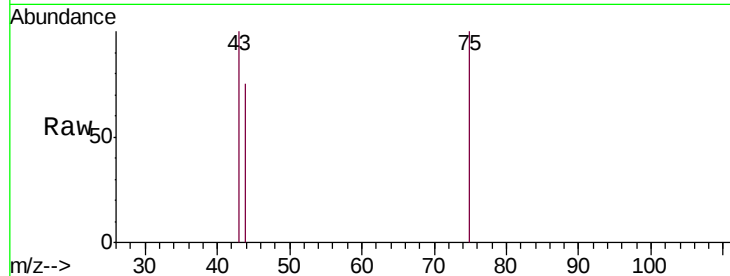




#25
 2-Butanone
 Concen: 0.388 ug/l
 RT: 4.30 min Scan# 971
 Delta R.T. 0.03 min
 Lab File: VU026998.D
 Acq: 22 Sep 2018 05:45

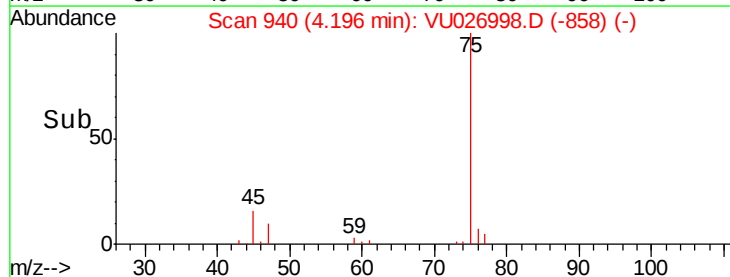
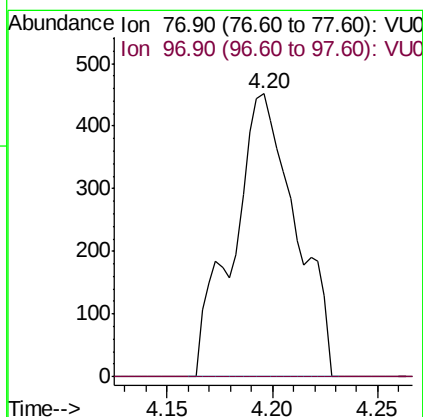
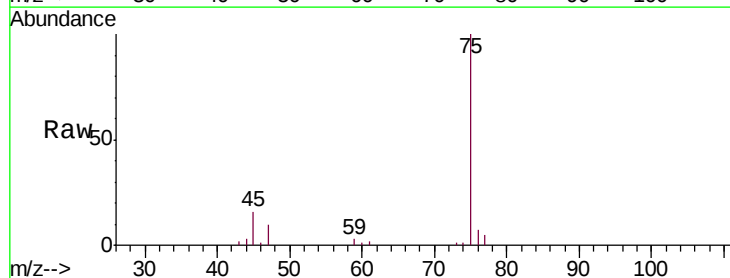
Instrument :
 MSVOA_U
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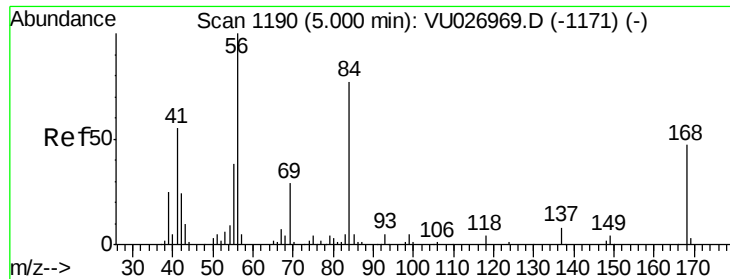
Tgt Ion: 43 Resp: 497
 Ion Ratio Lower Upper
 43 100
 72 0.0 18.4 27.6#



#26
 2,2-Dichloropropane
 Concen: 0.478 ug/l
 RT: 4.20 min Scan# 940
 Delta R.T. -0.04 min
 Lab File: VU026998.D
 Acq: 22 Sep 2018 05:45

Tgt Ion: 77 Resp: 932
 Ion Ratio Lower Upper
 77 100
 97 0.0 10.5 31.5#

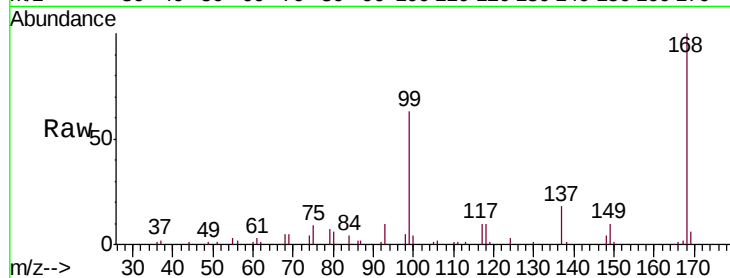




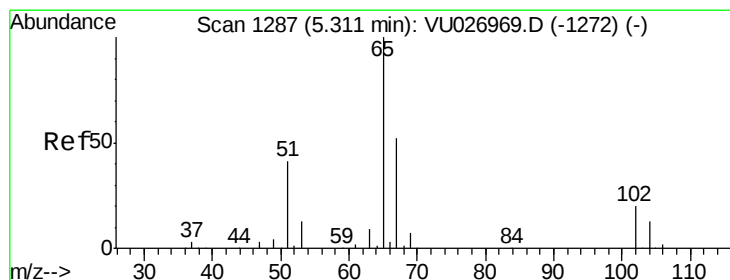
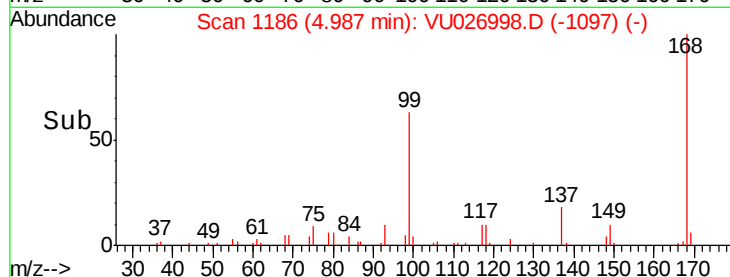
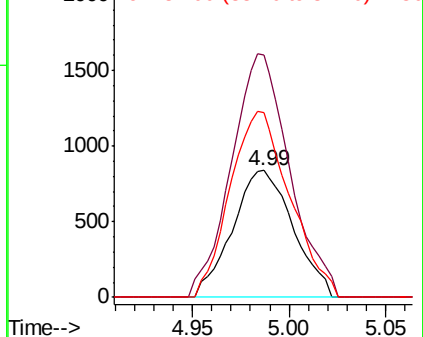
#31
Cyclohexane
Concen: 0.231 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU026998.D
Acq: 22 Sep 2018 05:45

Instrument :
MSVOA_U
ClientSampleId :
BP-FB01-20180913

Tgt Ion: 56 Resp: 1826
Ion Ratio Lower Upper
56 100
69 191.3 23.0 34.4#
84 145.4 61.4 92.2#

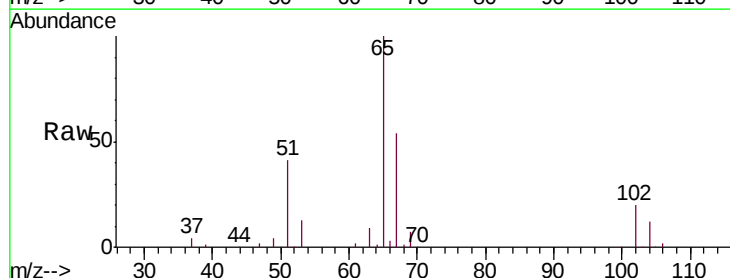


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

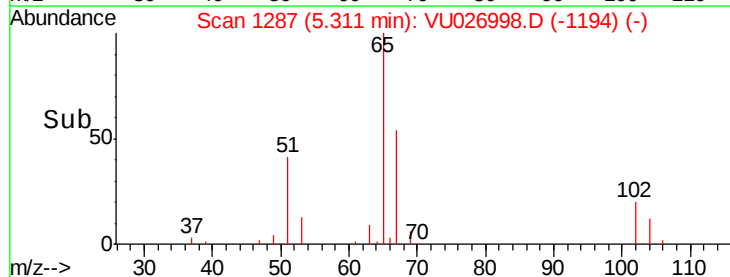
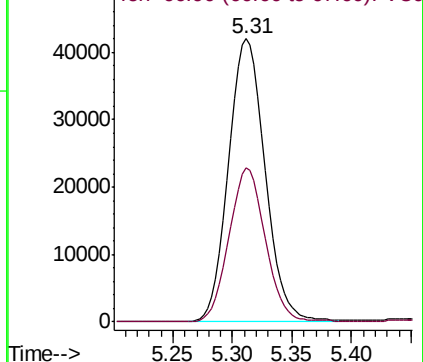


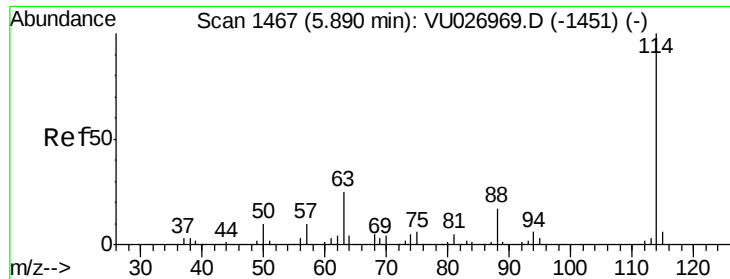
#33
1,2-Dichloroethane-d4
Concen: 58.910 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU026998.D
Acq: 22 Sep 2018 05:45

Tgt Ion: 65 Resp: 89844
Ion Ratio Lower Upper
65 100
67 53.9 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VU0
Ion 66.90 (66.60 to 67.60): VU0

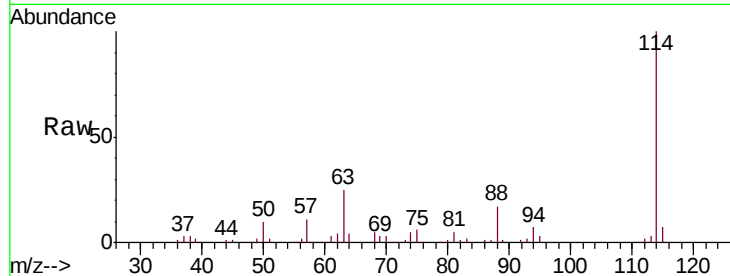




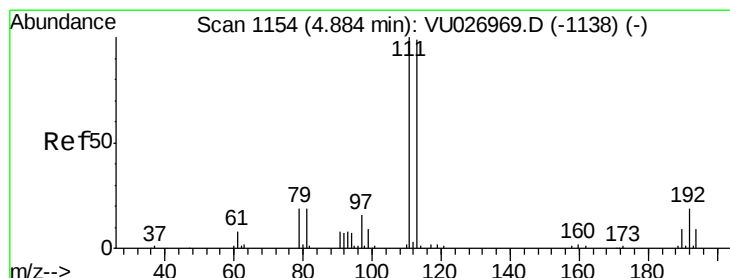
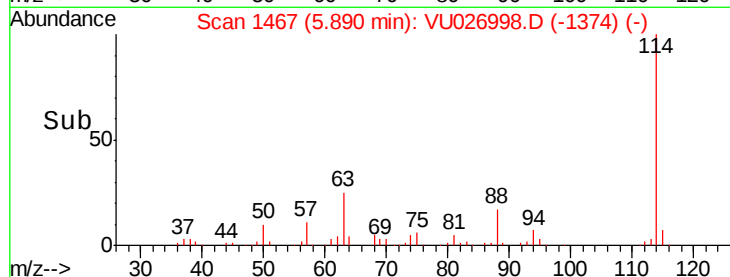
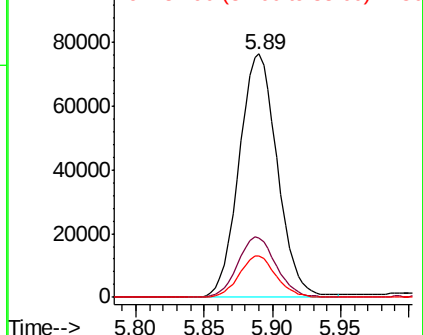
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU026998.D
 Acq: 22 Sep 2018 05:45

Instrument :
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 ClientSampleId :
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Tgt Ion:114 Resp: 149176
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 49.2
 88 17.1 0.0 33.8

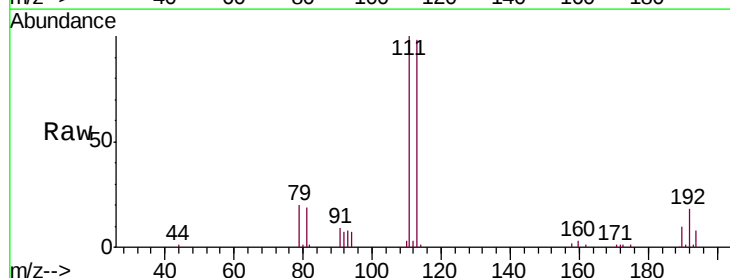


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

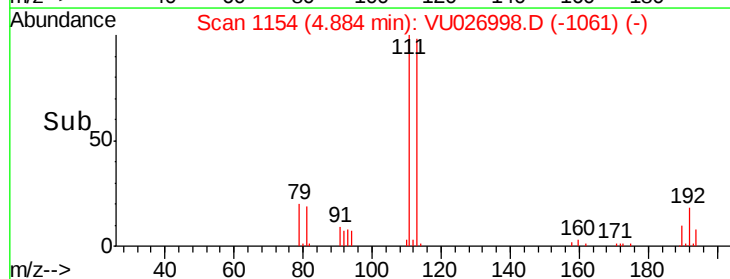
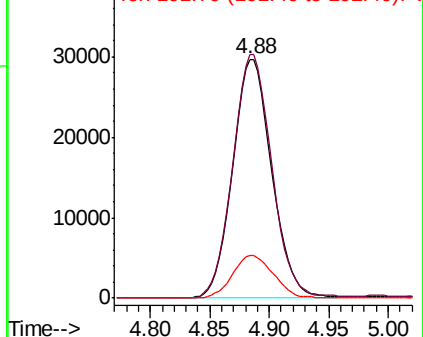


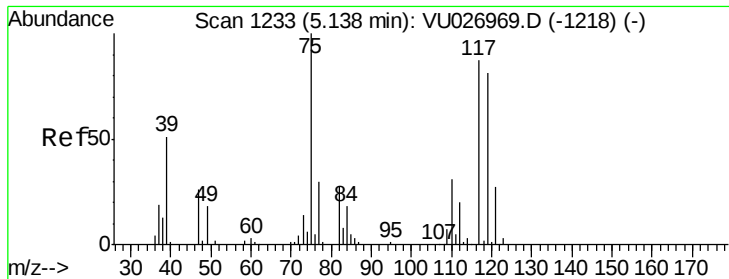
#35
 Dibromofluoromethane
 Concen: 52.215 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU026998.D
 Acq: 22 Sep 2018 05:45

Tgt Ion:113 Resp: 67517
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.2 123.4
 192 18.7 15.2 22.8



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

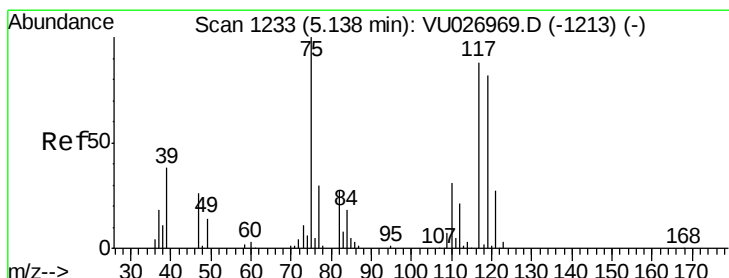
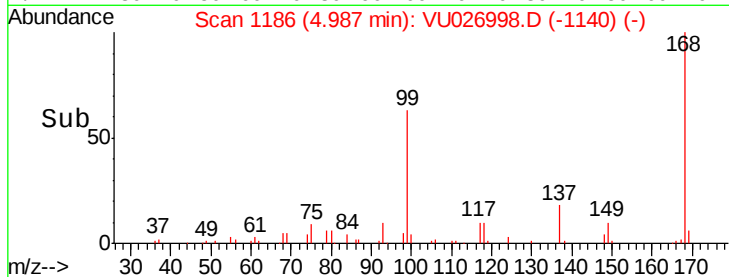
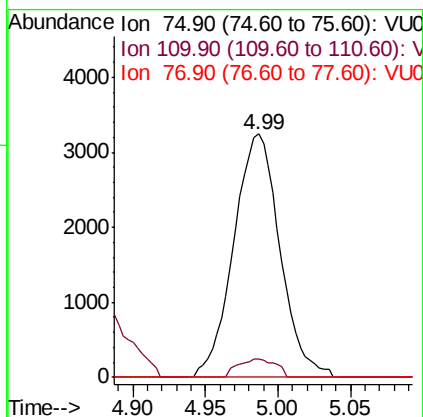
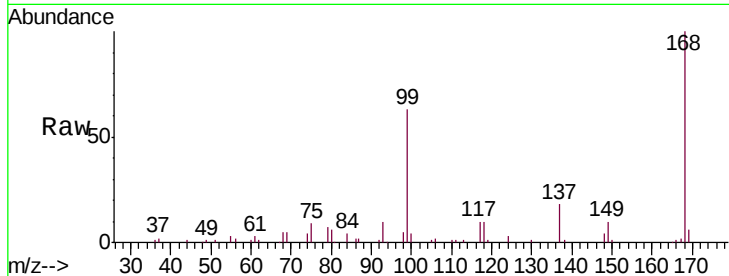




#36
 1,1-Dichloropropene
 Concen: 3.618 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU026998.D
 Acq: 22 Sep 2018 05:45

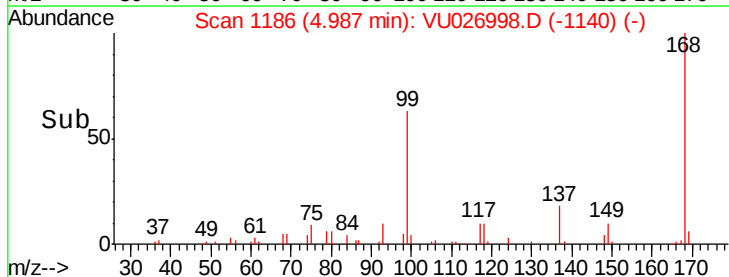
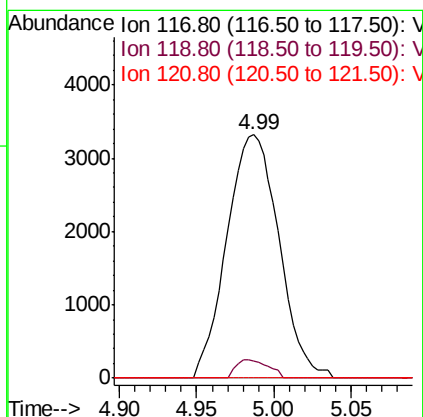
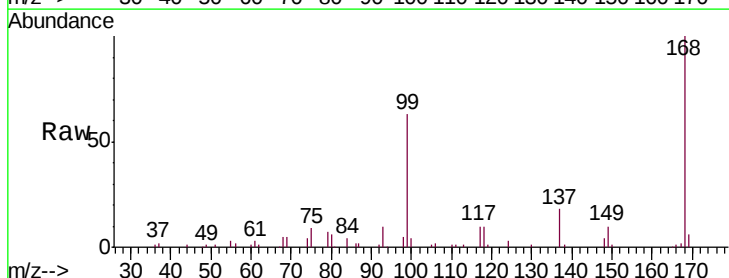
Instrument :
 MSVOA_U
 ClientSampleId :
 BP-FB01-20180913

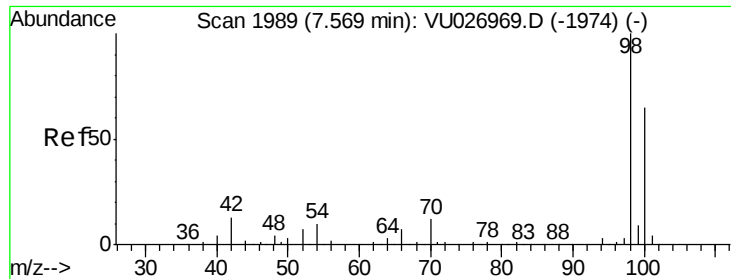
Tgt Ion: 75 Resp: 7204
 Ion Ratio Lower Upper
 75 100
 110 6.1 16.1 48.2#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 4.097 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU026998.D
 Acq: 22 Sep 2018 05:45

Tgt Ion: 117 Resp: 7762
 Ion Ratio Lower Upper
 117 100
 119 7.0 74.4 111.6#
 121 0.0 24.2 36.4#

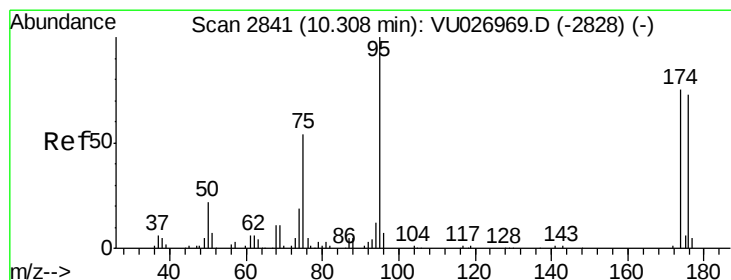
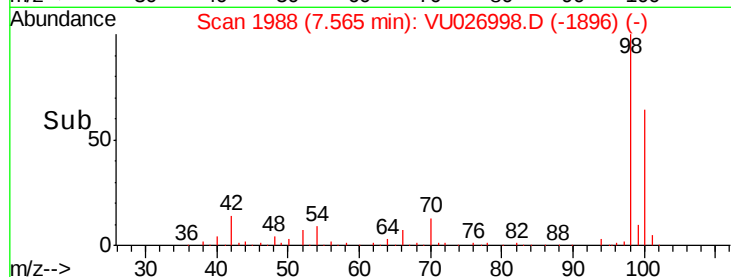
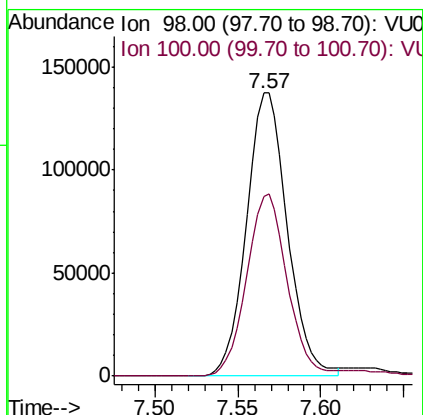
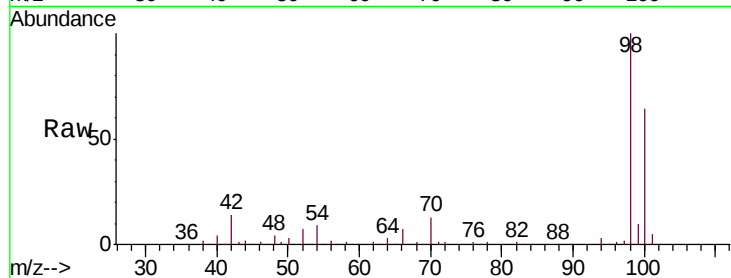




#50
Toluene-d8
Concen: 47.733 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU026998.D
Acq: 22 Sep 2018 05:45

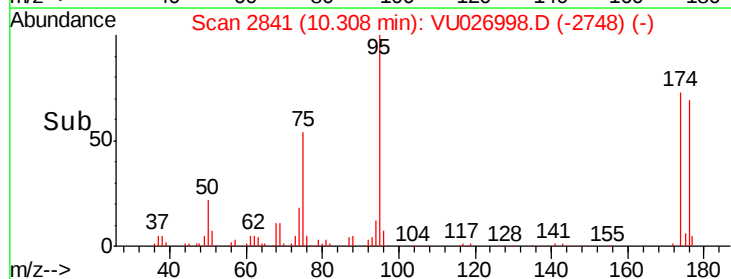
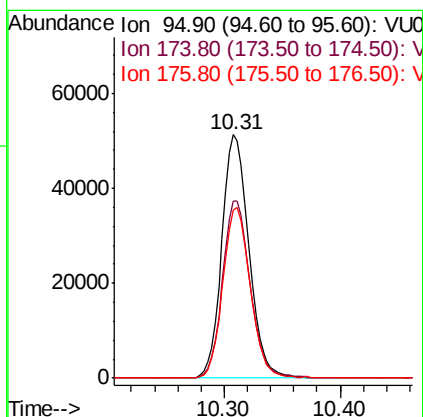
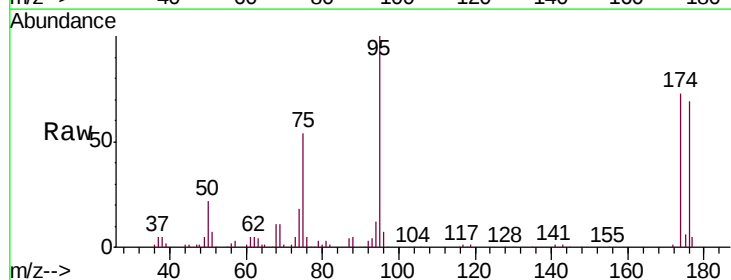
Instrument :
MSVOA_U
ClientSampleId :
BP-FB01-20180913

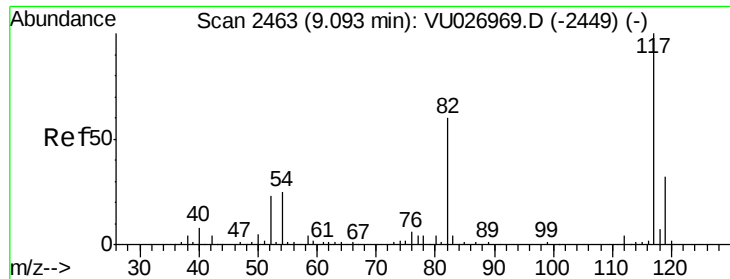
Tgt Ion: 98 Resp: 235225
Ion Ratio Lower Upper
98 100
100 63.8 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 48.997 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU026998.D
Acq: 22 Sep 2018 05:45

Tgt Ion: 95 Resp: 82850
Ion Ratio Lower Upper
95 100
174 74.4 0.0 150.2
176 70.7 0.0 145.2

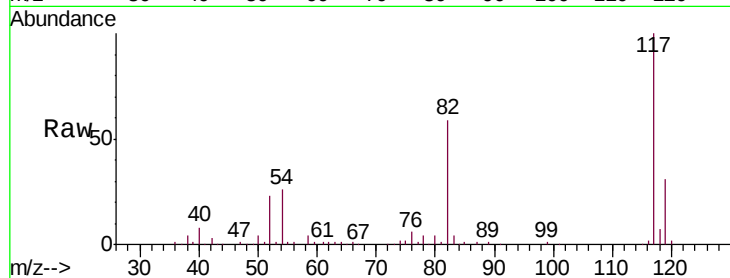




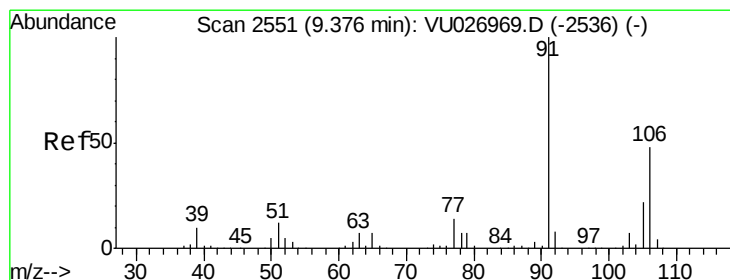
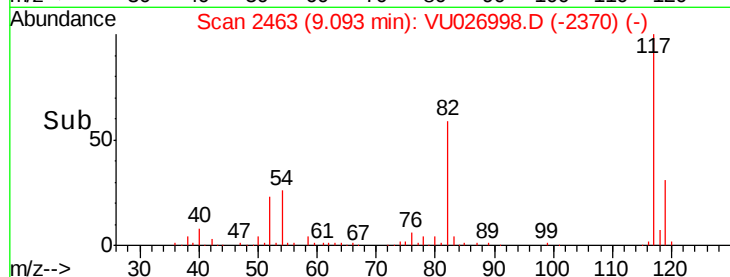
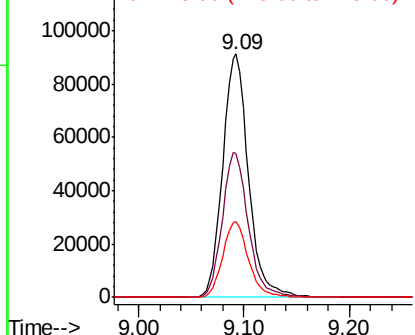
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU026998.D
Acq: 22 Sep 2018 05:45

Instrument :
MSVOA_U
ClientSampleId :
BP-FB01-20180913

Tgt Ion:117 Resp: 154162
Ion Ratio Lower Upper
117 100
82 58.8 48.0 72.0
119 31.1 25.8 38.8

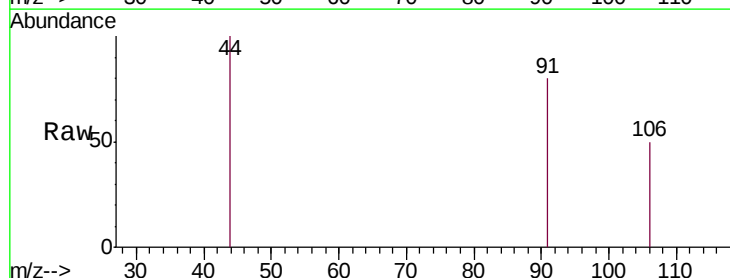


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

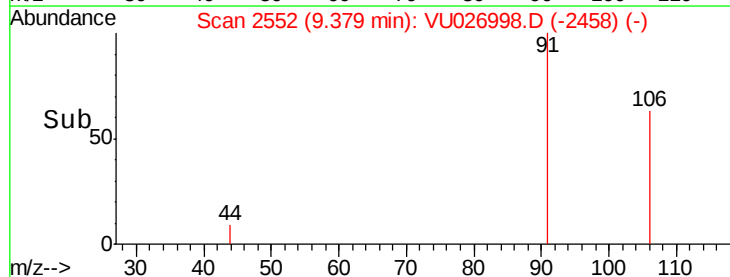
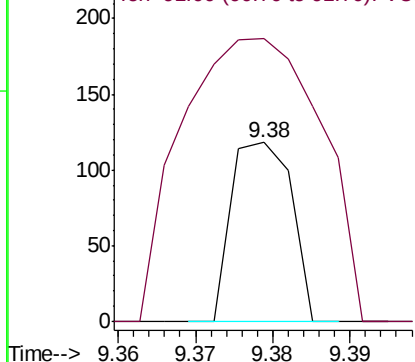


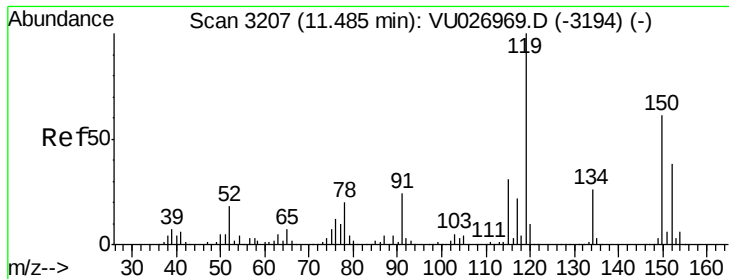
#68
m/p-Xylenes
Concen: 1.524 ug/l
RT: 9.38 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VU026998.D
Acq: 22 Sep 2018 05:45

Tgt Ion:106 Resp: 64
Ion Ratio Lower Upper
106 100
91 365.6 166.5 249.7#



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU026998.D

Acq: 22 Sep 2018 05:45

Instrument :

MSVOA_U

ClientSampleId :

BP-FB01-20180913

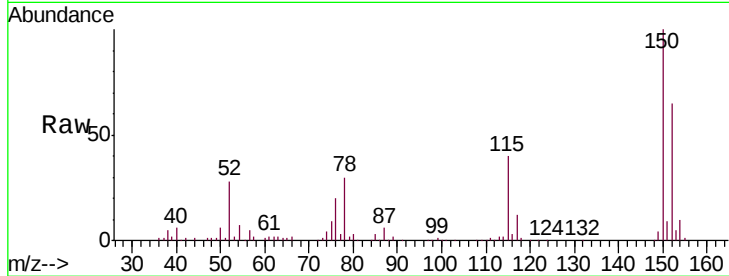
Tgt Ion:152 Resp: 73755

Ion Ratio Lower Upper

152 100

115 61.0 44.9 134.5

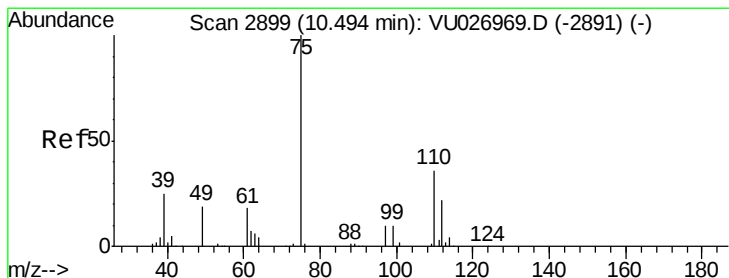
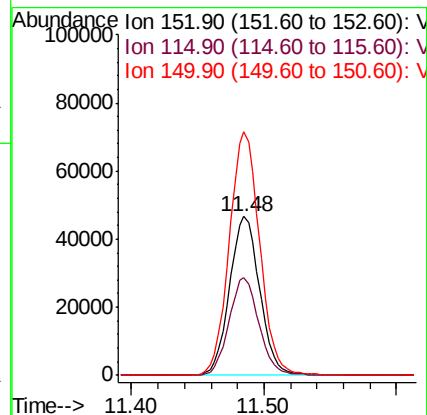
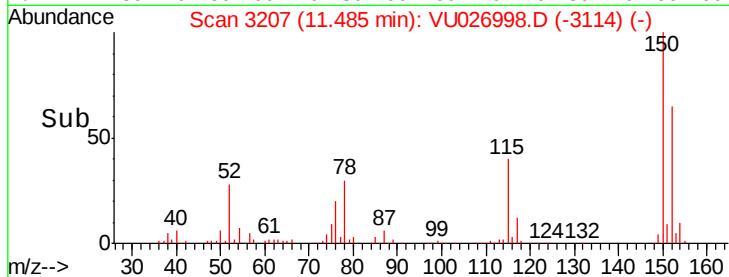
150 154.4 0.0 355.8



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



#76

1,2,3-Trichloropropane

Concen: 20.003 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU026998.D

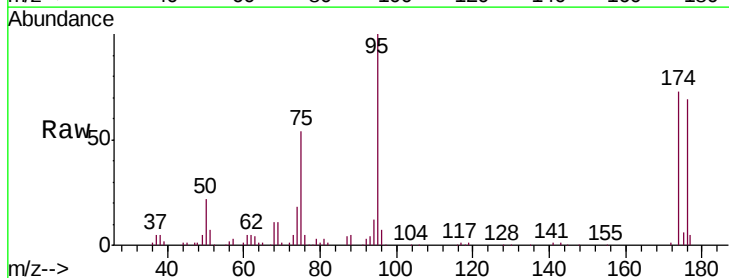
Acq: 22 Sep 2018 05:45

Tgt Ion: 75 Resp: 44820

Ion Ratio Lower Upper

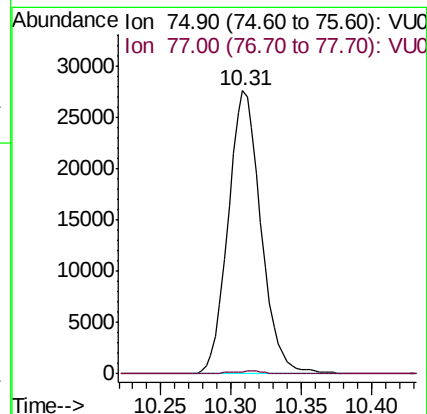
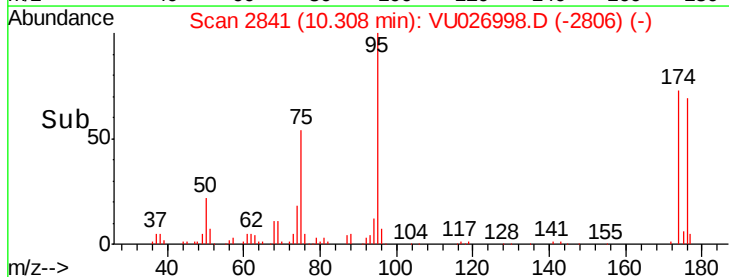
75 100

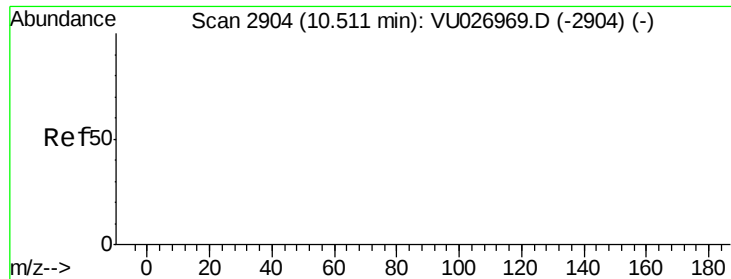
77 1.0 20.9 62.8#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

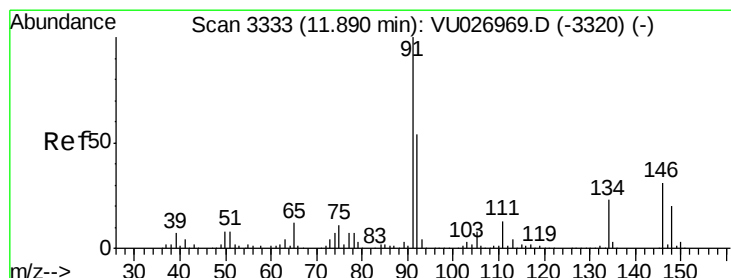
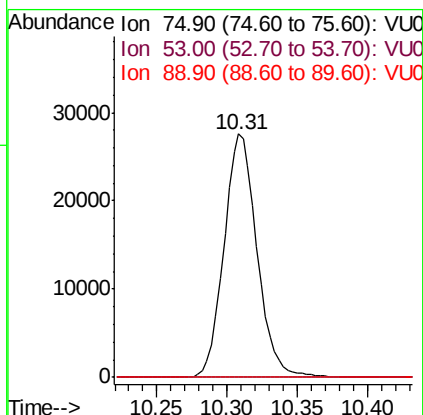
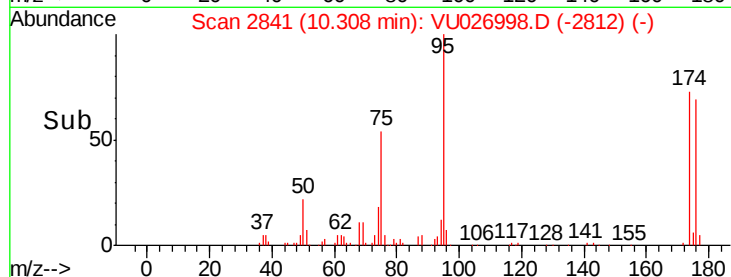
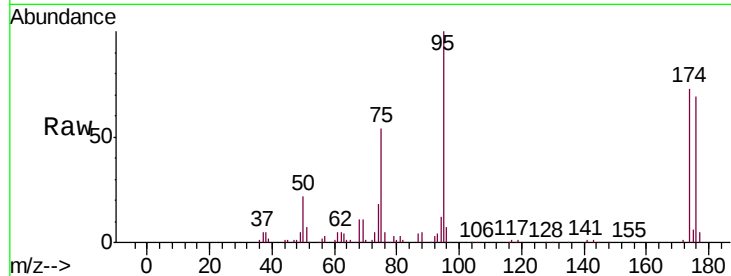




#81
trans-1,4-Dichloro-2-butene
Concen: 64.013 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.21 min
Lab File: VU026998.D
Acq: 22 Sep 2018 05:45

Instrument :
MSVOA_U
ClientSampleId :
BP-FB01-20180913

Tgt Ion: 75 Resp: 44820
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#89
n-Butylbenzene
Concen: 2.403 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU026998.D
Acq: 22 Sep 2018 05:45

Tgt Ion: 91 Resp: 58
Ion Ratio Lower Upper
91 100
92 0.0 27.1 81.2#
134 0.0 11.7 35.0#

