

Data File : VU027088.D
Acq On : 23 Sep 2018 21:29
Operator : MD/SY
Sample : J4954-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 132 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
SA-SW204-20180914

Quant Time: Sep 24 07:18:47 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	100980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	171001	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	164476	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	75044	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	107251	52.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.54%	
35) Dibromofluoromethane	4.89	113	73688	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
50) Toluene-d8	7.57	98	275911	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
62) 4-Bromofluorobenzene	10.31	95	90238	46.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.12%	

Target Compounds

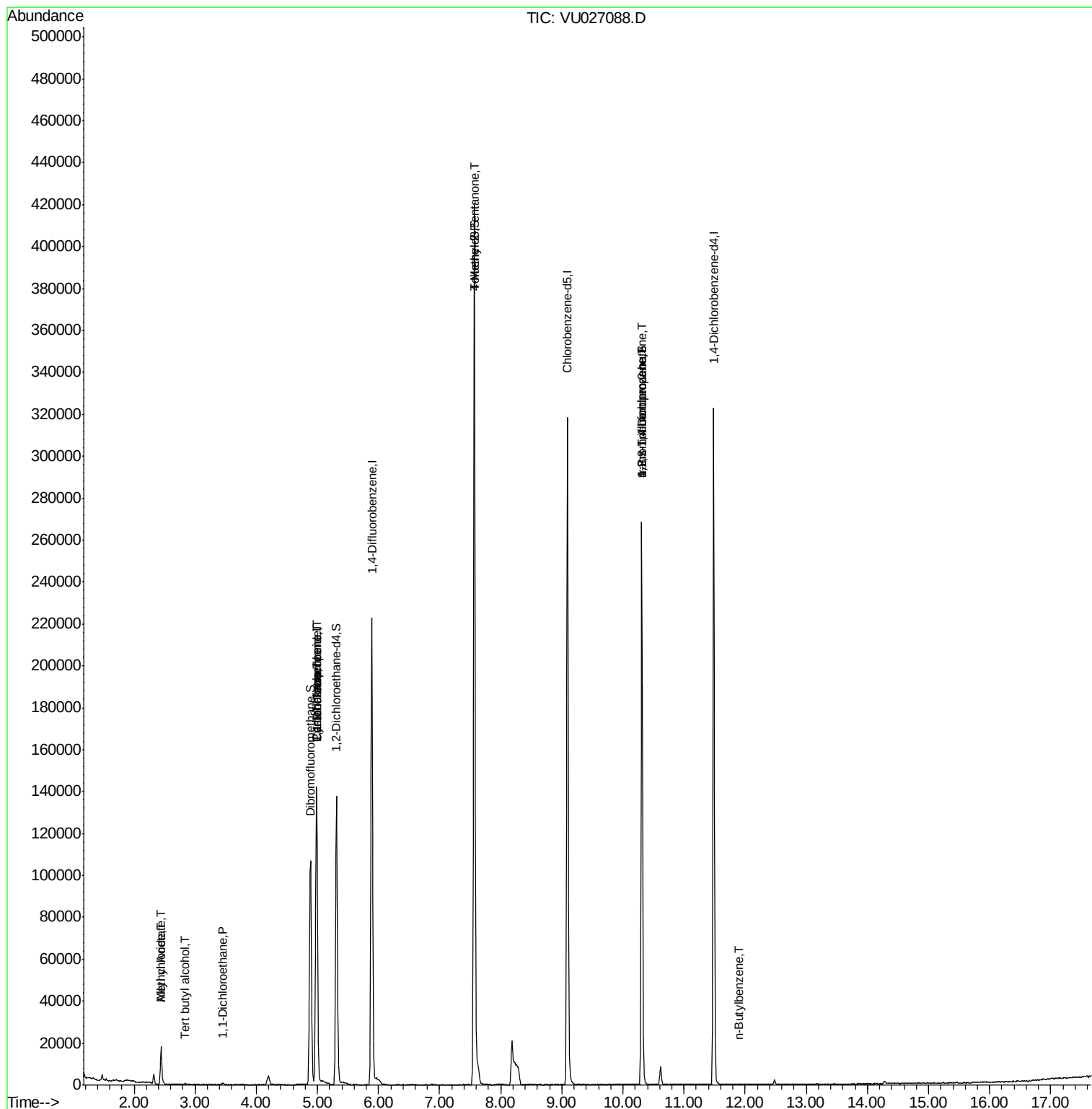
						Qvalue
11) Tert butyl alcohol	2.84	59	352	0.756	ug/l #	72
14) Allyl chloride	2.44	41	1838	0.650	ug/l #	70
16) Acetone	2.32	43	5076	Below Cal		93
18) Methyl Acetate	2.44	43	4435	1.533	ug/l #	55
24) 1,1-Dichloroethane	3.45	63	1092	0.328	ug/l #	84
31) Cyclohexane	4.98	56	2457	0.239	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	9789	4.289	ug/l #	49
38) Carbon Tetrachloride	4.99	117	10820	4.982	ug/l #	19
51) 4-Methyl-2-Pentanone	7.57	43	1281	0.423	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	48495	21.271	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	48495	68.072	ug/l #	100
89) n-Butylbenzene	11.89	91	92	2.409	ug/l #	33

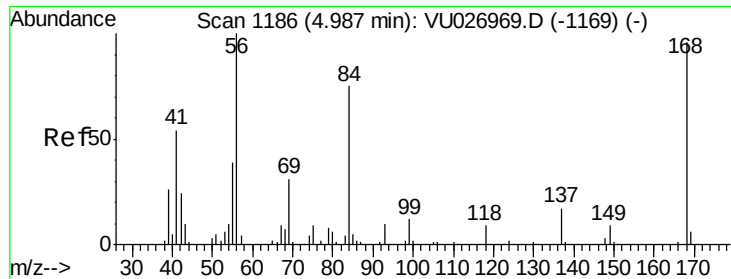
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027088.D

Acq: 23 Sep 2018 21:29

Instrument :

MSVOA_U

ClientSampleId :

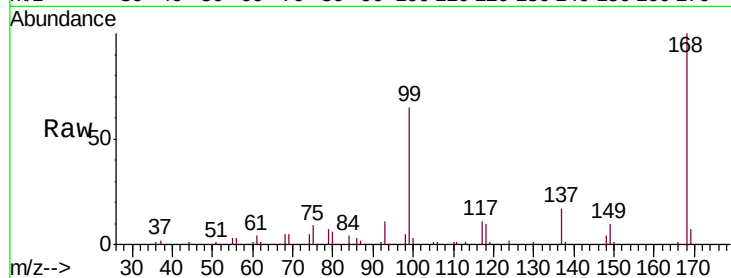
SA-SW204-20180914

Tgt Ion:168 Resp: 100980

Ion Ratio Lower Upper

168 100

99 64.8 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

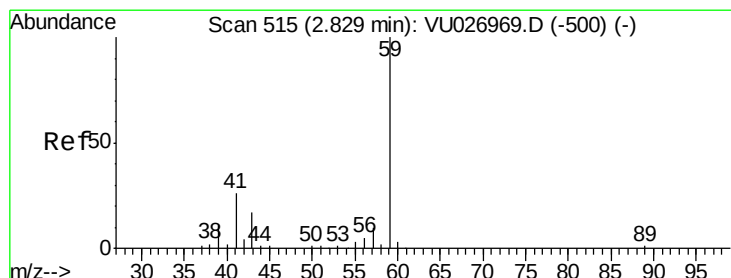
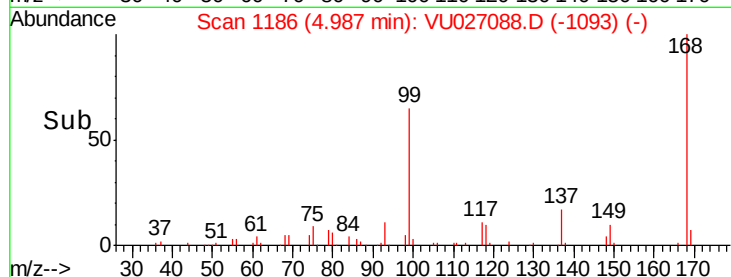
20000

10000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#11

Tert butyl alcohol

Concen: 0.756 ug/l

RT: 2.84 min Scan# 517

Delta R.T. 0.01 min

Lab File: VU027088.D

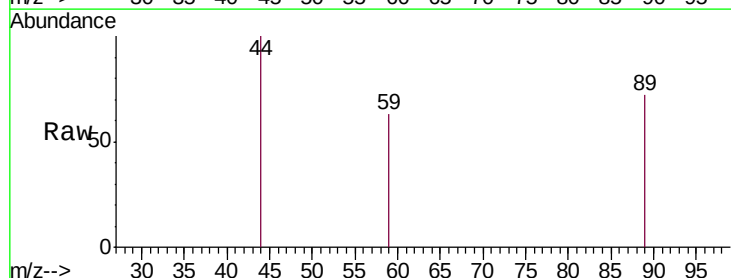
Acq: 23 Sep 2018 21:29

Tgt Ion: 59 Resp: 352

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VU026969.D (-500) (-)

Ion 57.00 (56.70 to 57.70): VU026969.D (-500) (-)

250

200

150

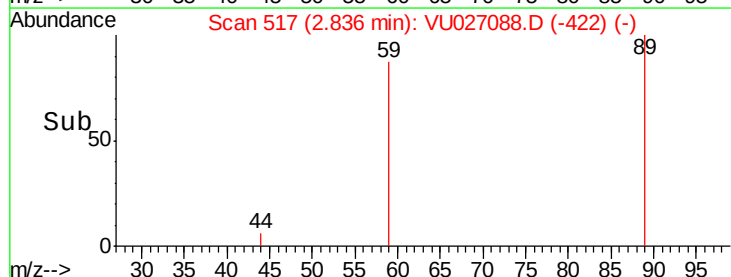
100

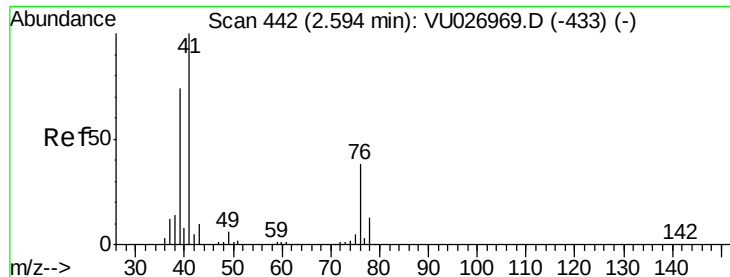
50

0

2.80 2.82 2.84 2.86

Time-->

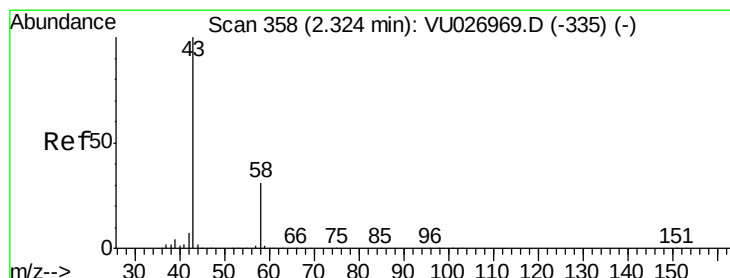
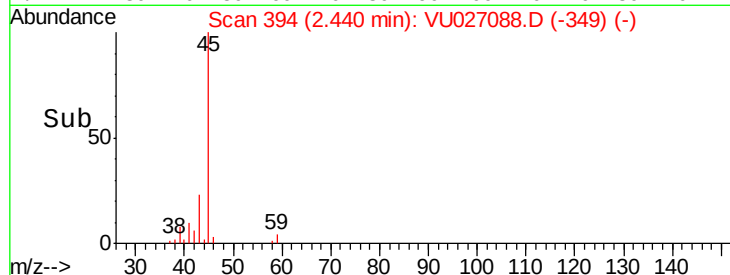
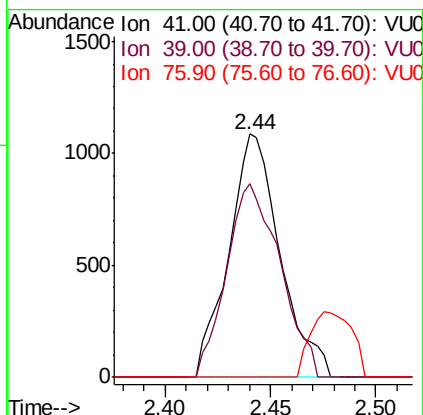
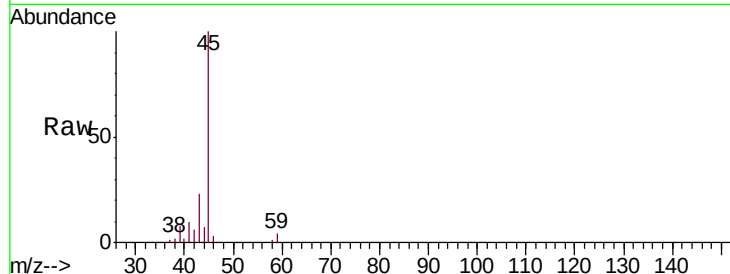




#14
 Allyl chloride
 Concen: 0.650 ug/l
 RT: 2.44 min Scan# 394
 Delta R.T. -0.15 min
 Lab File: VU027088.D
 Acq: 23 Sep 2018 21:29

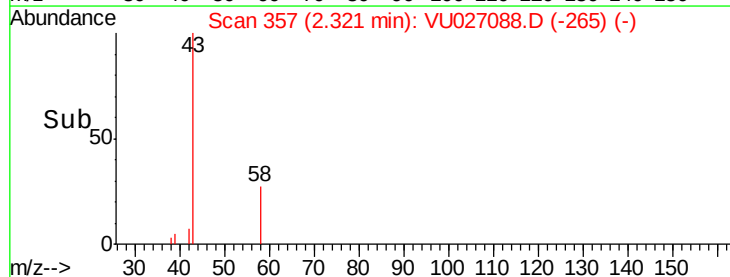
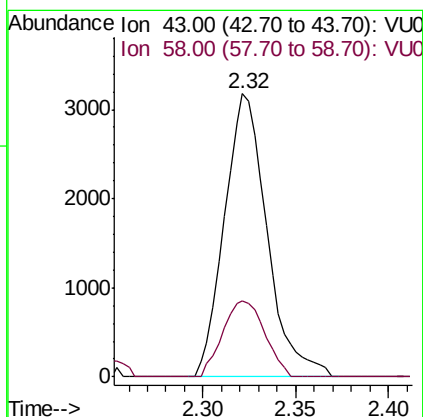
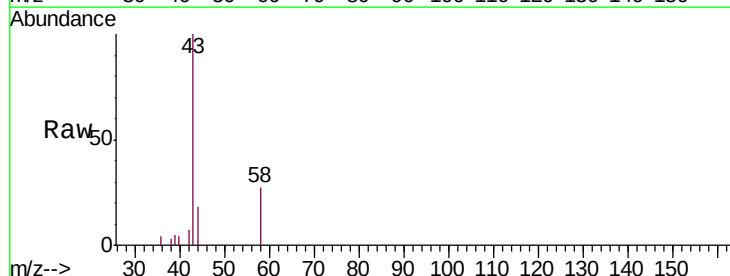
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-SW204-20180914

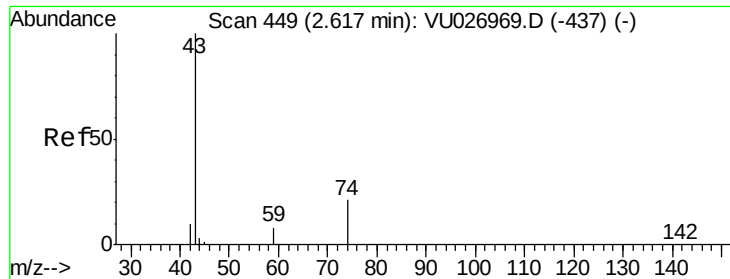
Tgt Ion: 41 Resp: 1838
 Ion Ratio Lower Upper
 41 100
 39 82.9 55.7 83.5
 76 0.0 26.5 39.7#



#16
 Acetone
 Concen: Below Cal
 RT: 2.32 min Scan# 357
 Delta R.T. -0.00 min
 Lab File: VU027088.D
 Acq: 23 Sep 2018 21:29

Tgt Ion: 43 Resp: 5076
 Ion Ratio Lower Upper
 43 100
 58 27.0 24.6 36.8

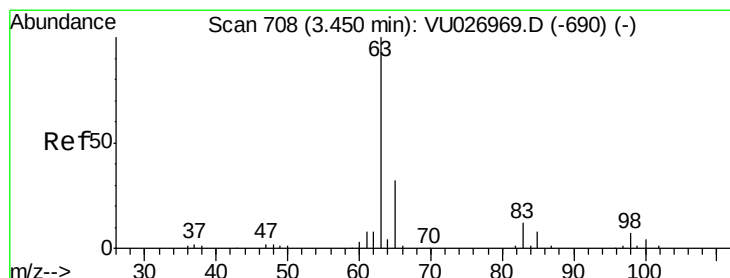
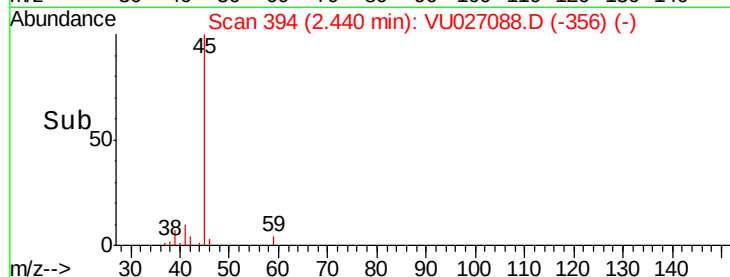
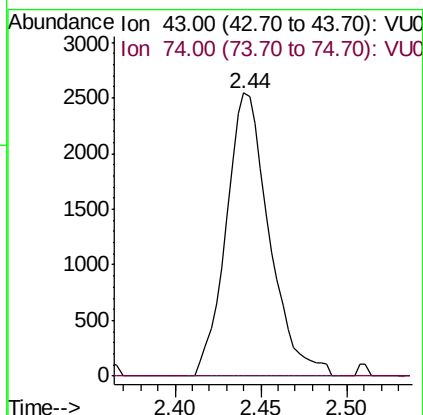
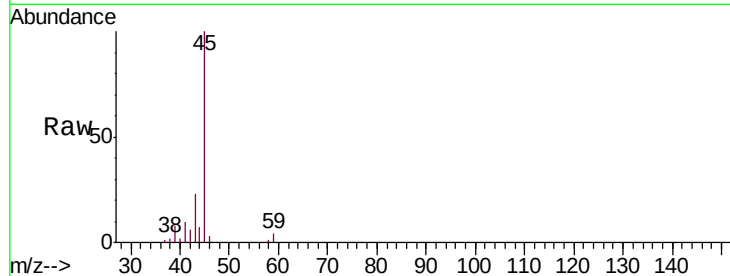




#18
Methyl Acetate
Concen: 1.533 ug/l
RT: 2.44 min Scan# 394
Delta R.T. -0.18 min
Lab File: VU027088.D
Acq: 23 Sep 2018 21:29

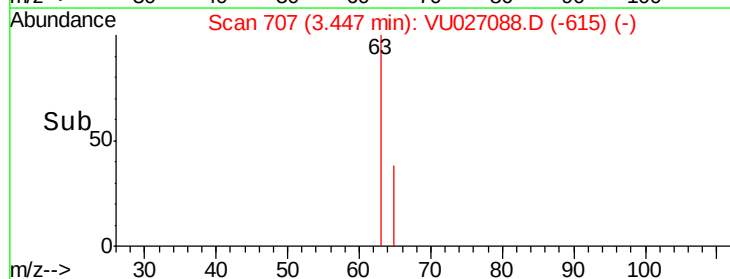
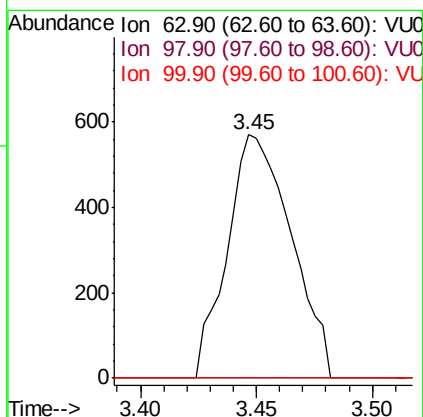
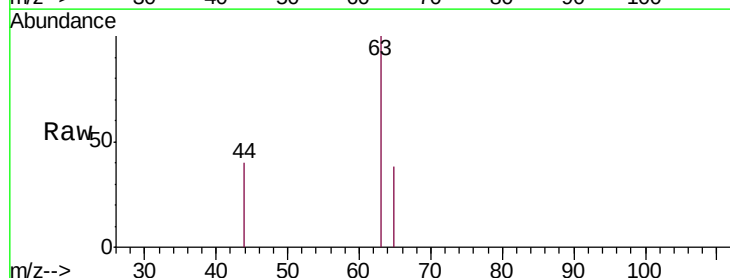
Instrument :
MSVOA_U
ClientSampleId :
SA-SW204-20180914

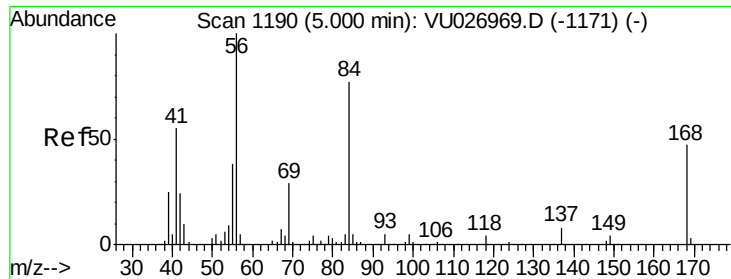
Tgt Ion: 43 Resp: 4435
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#



#24
1,1-Dichloroethane
Concen: 0.328 ug/l
RT: 3.45 min Scan# 707
Delta R.T. -0.00 min
Lab File: VU027088.D
Acq: 23 Sep 2018 21:29

Tgt Ion: 63 Resp: 1092
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.8#
100 0.0 2.0 5.8#

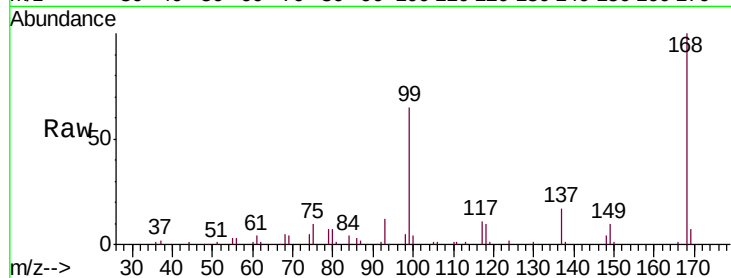




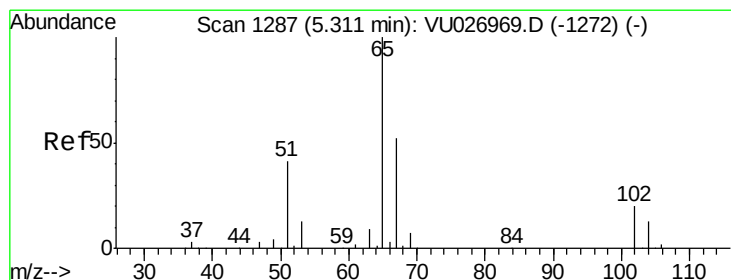
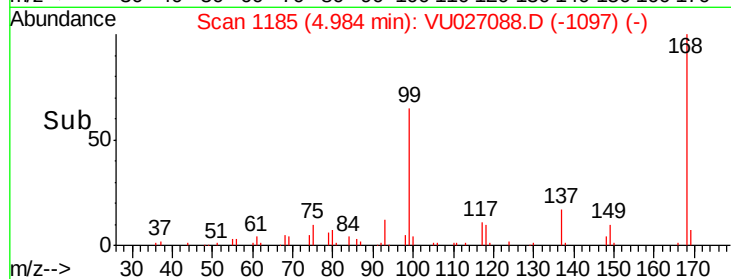
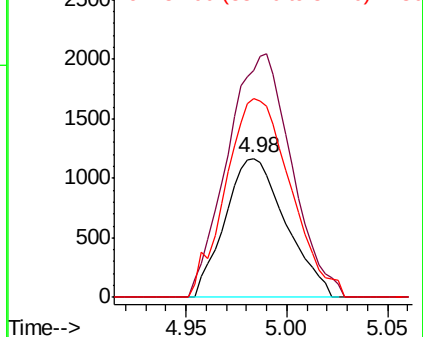
#31
Cyclohexane
Concen: 0.239 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.02 min
Lab File: VU027088.D
Acq: 23 Sep 2018 21:29

Instrument :
MSVOA_U
ClientSampleId :
SA-SW204-20180914

Tgt Ion: 56 Resp: 2457
Ion Ratio Lower Upper
56 100
69 162.6 23.0 34.4#
84 143.1 61.4 92.2#

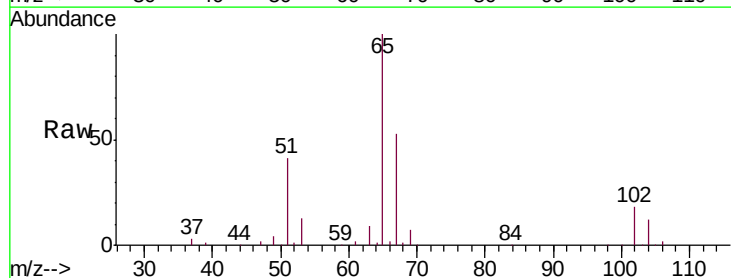


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

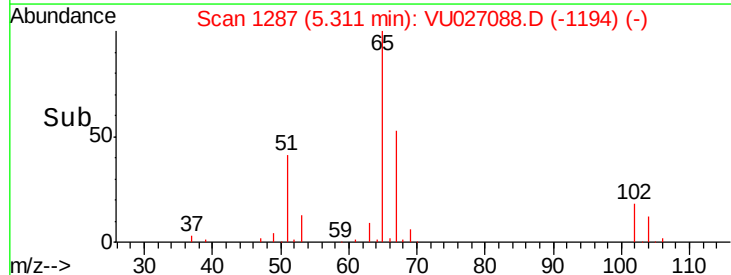
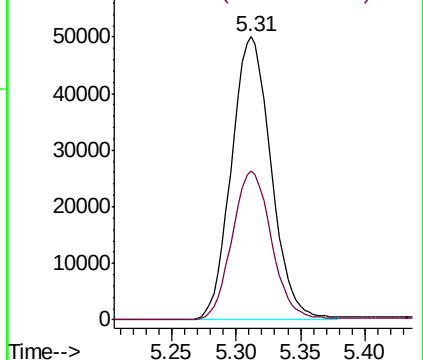


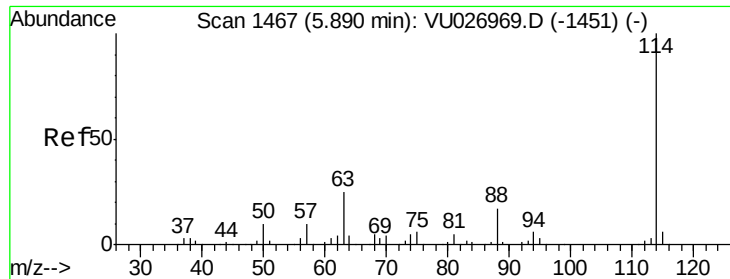
#33
1,2-Dichloroethane-d4
Concen: 52.771 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027088.D
Acq: 23 Sep 2018 21:29

Tgt Ion: 65 Resp: 107251
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.6



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

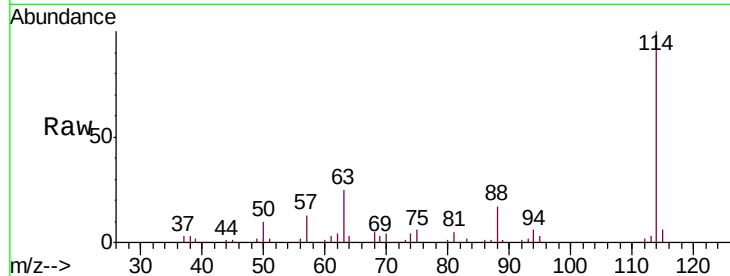




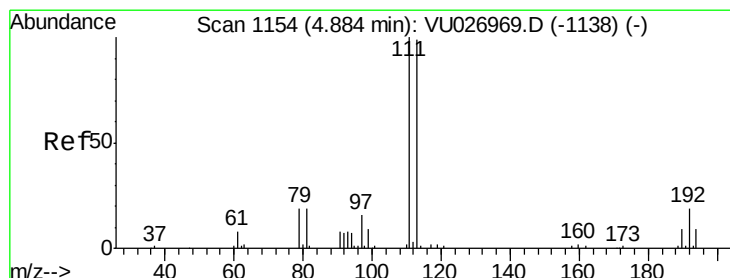
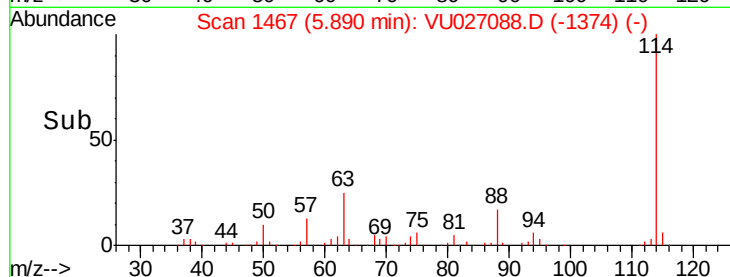
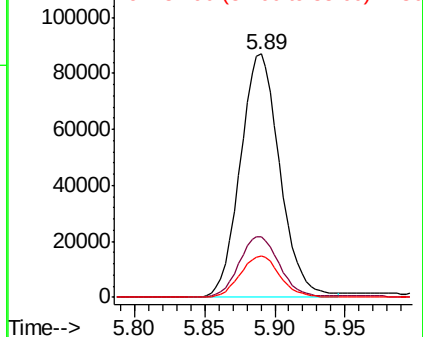
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027088.D
 Acq: 23 Sep 2018 21:29

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-SW204-20180914

Tgt Ion:	114	Resp:	171001
Ion	Ratio	Lower	Upper
114	100		
63	24.8	0.0	49.2
88	17.0	0.0	33.8

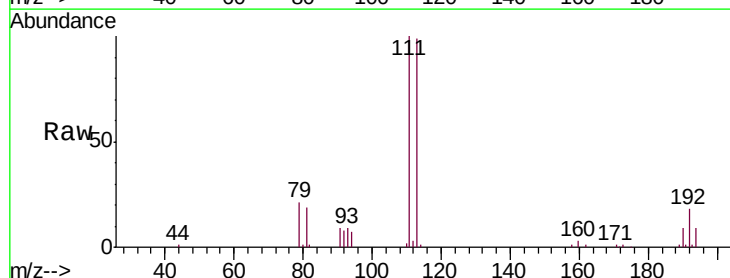


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

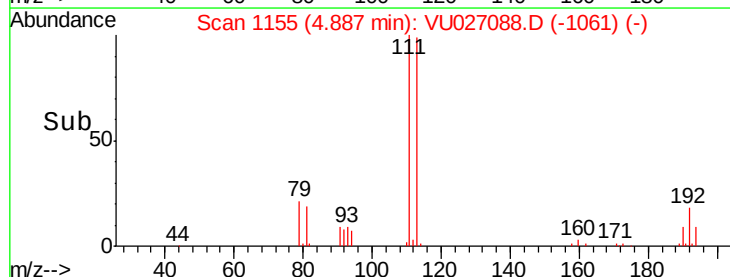
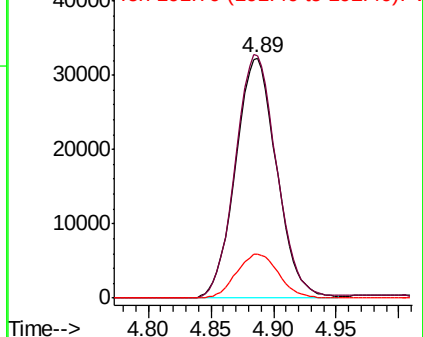


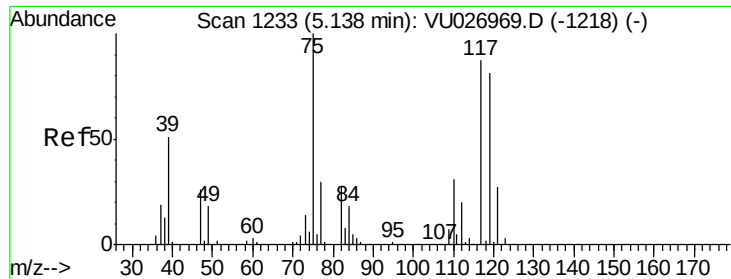
#35
 Dibromofluoromethane
 Concen: 49.714 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027088.D
 Acq: 23 Sep 2018 21:29

Tgt Ion:	113	Resp:	73688
Ion	Ratio	Lower	Upper
113	100		
111	102.5	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

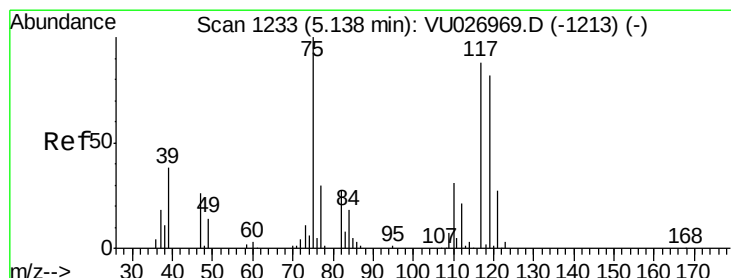
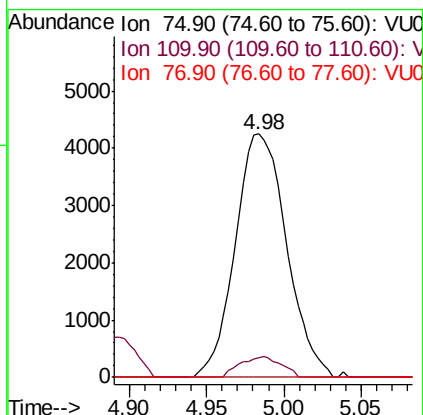
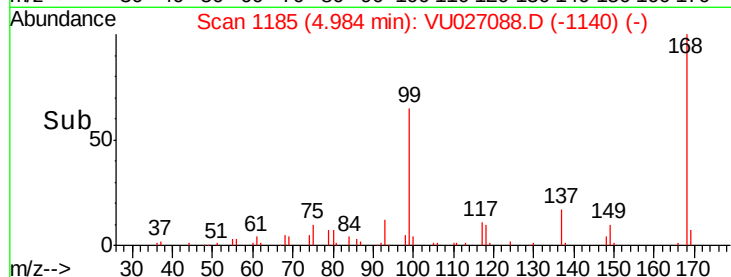
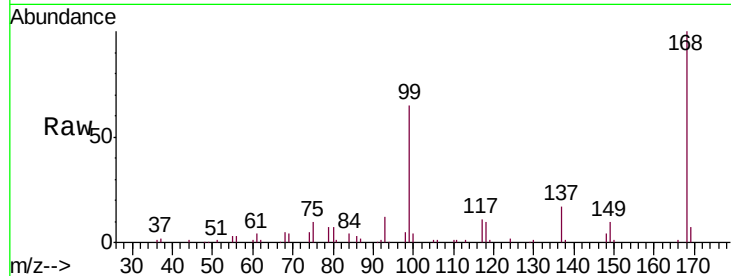




#36
 1,1-Dichloropropene
 Concen: 4.289 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU027088.D
 Acq: 23 Sep 2018 21:29

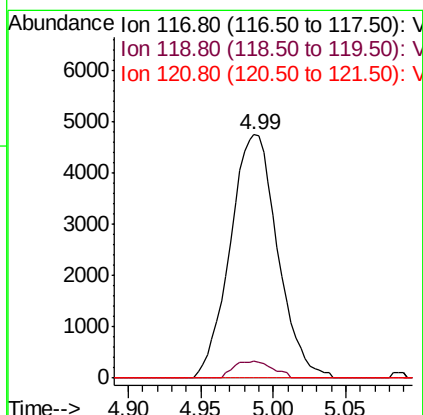
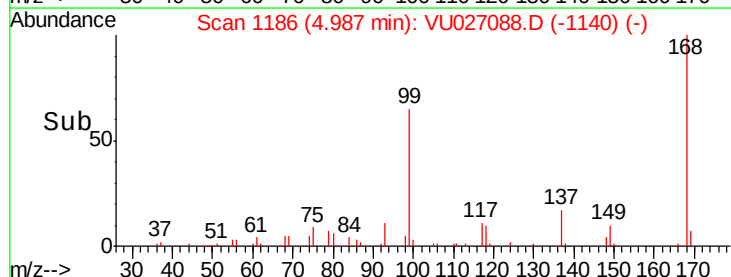
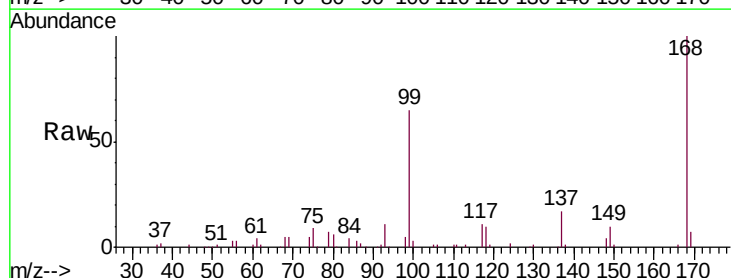
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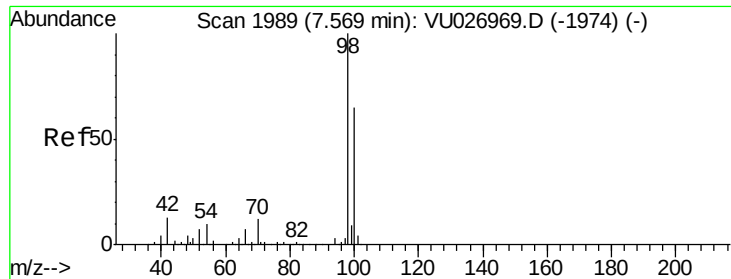
Tgt Ion: 75 Resp: 9789
 Ion Ratio Lower Upper
 75 100
 110 6.7 16.1 48.2#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 4.982 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027088.D
 Acq: 23 Sep 2018 21:29

Tgt Ion: 117 Resp: 10820
 Ion Ratio Lower Upper
 117 100
 119 6.9 74.4 111.6#
 121 0.0 24.2 36.4#

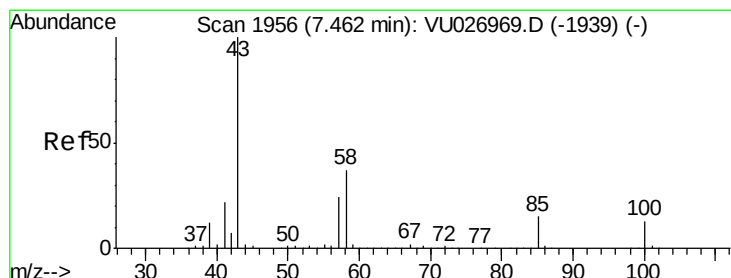
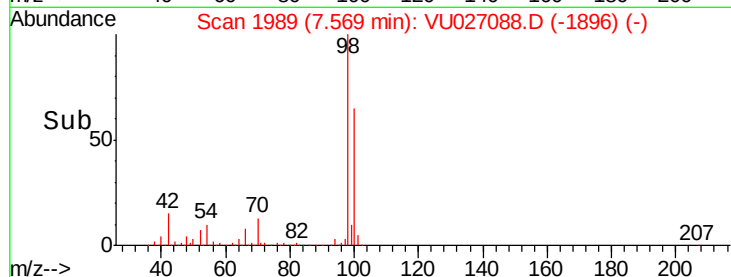
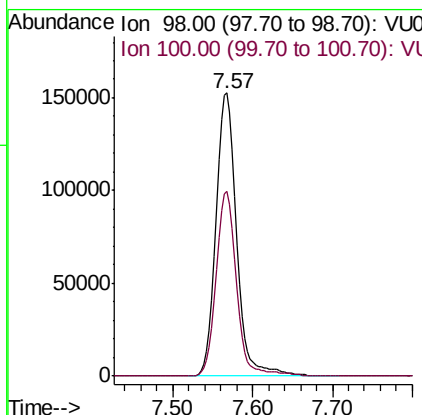
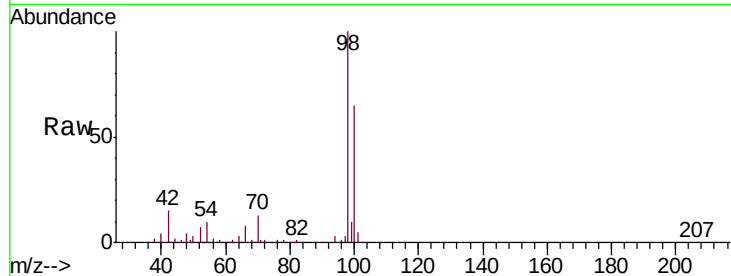




#50
Toluene-d8
Concen: 48.844 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027088.D
Acq: 23 Sep 2018 21:29

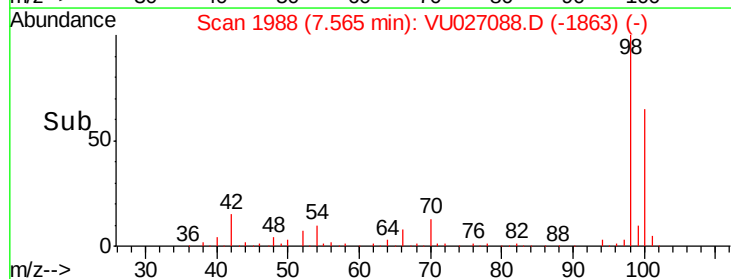
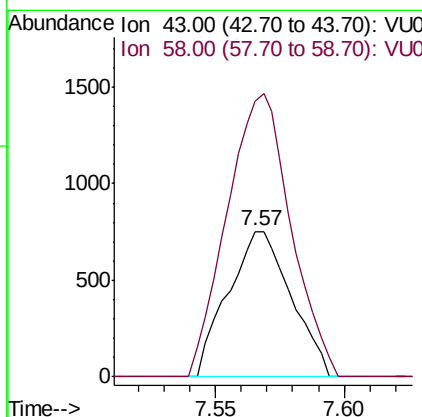
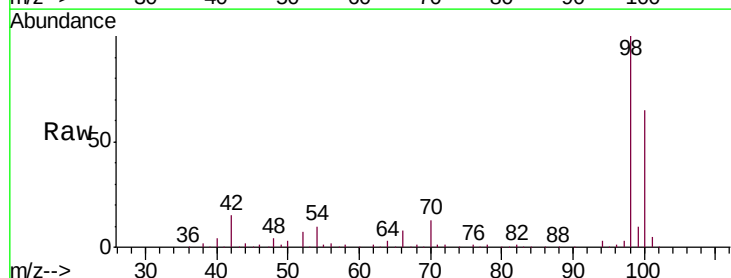
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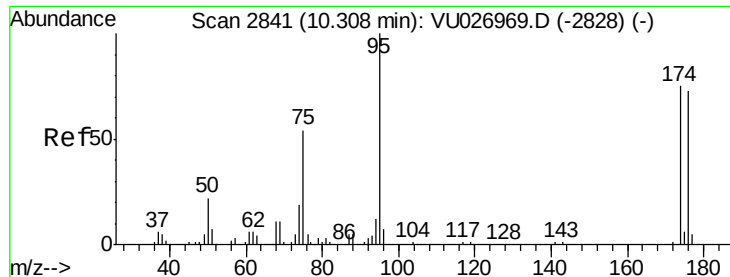
Tgt Ion: 98 Resp: 275911
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.423 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.10 min
Lab File: VU027088.D
Acq: 23 Sep 2018 21:29

Tgt Ion: 43 Resp: 1281
Ion Ratio Lower Upper
43 100
58 197.2 29.8 44.6#





#62

4-Bromofluorobenzene

Concen: 46.555 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027088.D

Acq: 23 Sep 2018 21:29

Instrument :

MSVOA_U

ClientSampleId :

SA-SW204-20180914

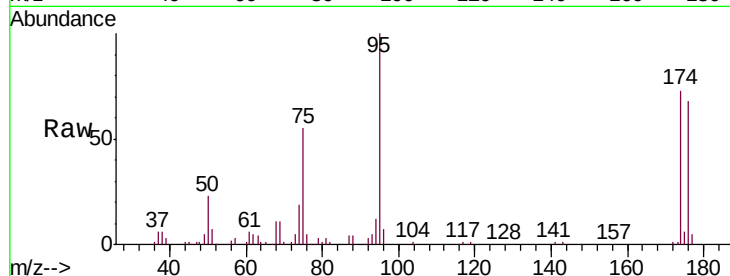
Tgt Ion: 95 Resp: 90238

Ion Ratio Lower Upper

95 100

174 73.3 0.0 150.2

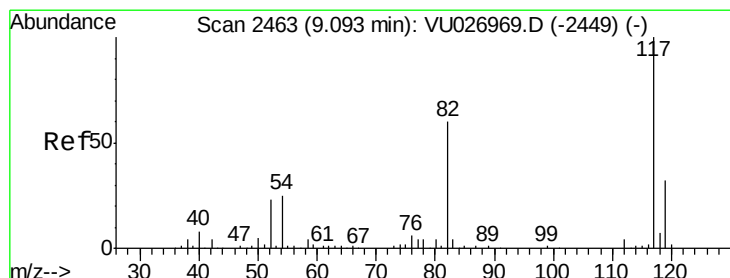
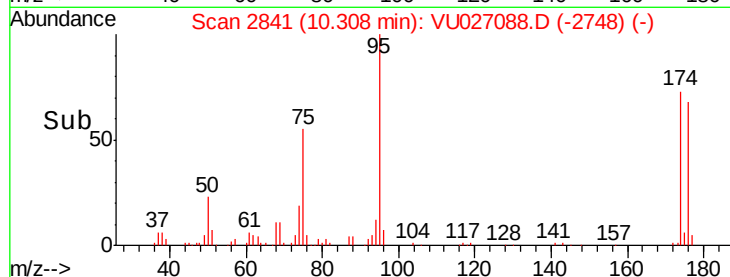
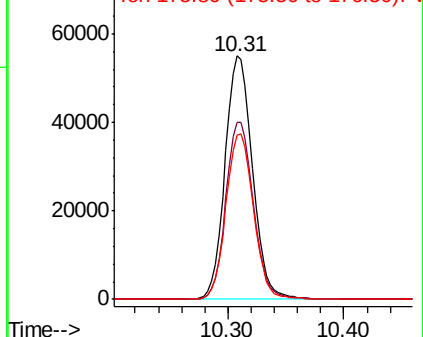
176 68.3 0.0 145.2



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU027088.D

Acq: 23 Sep 2018 21:29

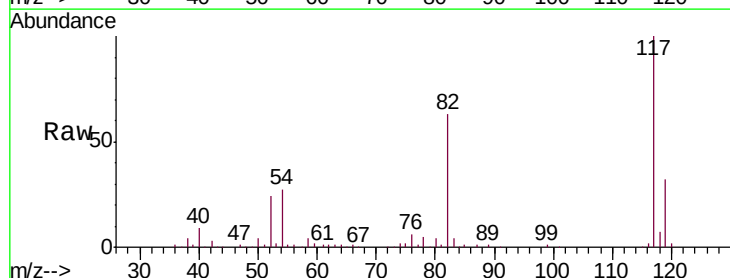
Tgt Ion: 117 Resp: 164476

Ion Ratio Lower Upper

117 100

82 62.9 48.0 72.0

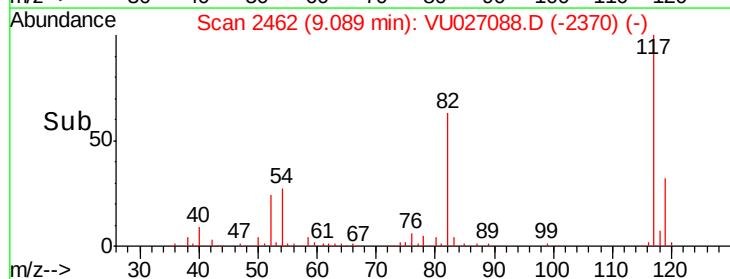
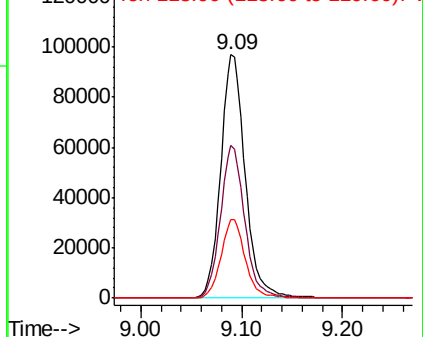
119 32.2 25.8 38.8

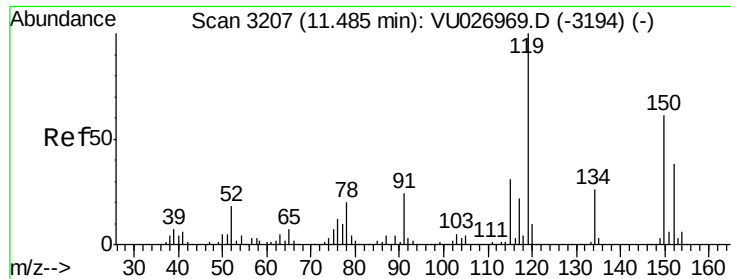


Abundance Ion 116.90 (116.60 to 117.60): VU026969.D (-2449) (-)

Ion 82.00 (81.70 to 82.70): VU026969.D (-2449) (-)

Ion 118.90 (118.60 to 119.60): VU026969.D (-2449) (-)



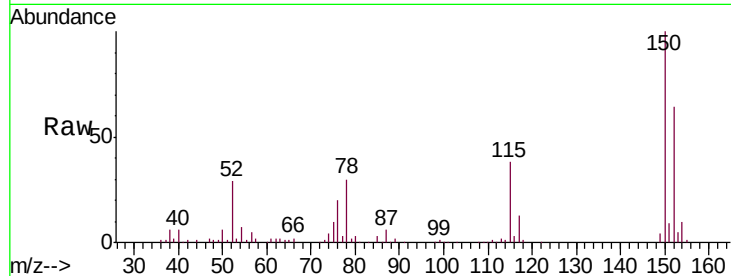


#72

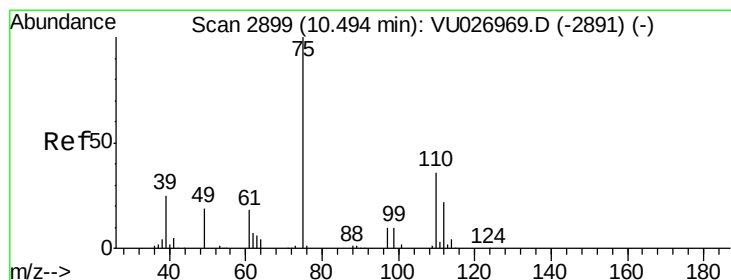
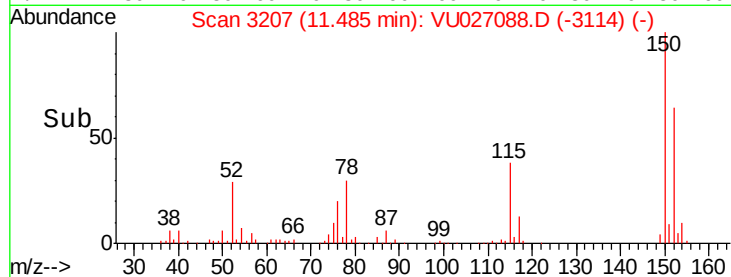
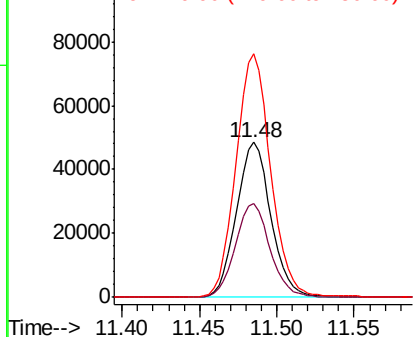
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027088.D
Acq: 23 Sep 2018 21:29

Instrument :
MSVOA_U
ClientSampleId :
SA-SW204-20180914

Tgt Ion: 152 Resp: 75044
Ion Ratio Lower Upper
152 100
115 61.1 44.9 134.5
150 158.9 0.0 355.8



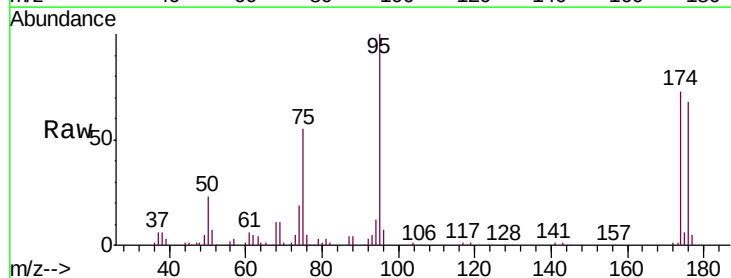
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



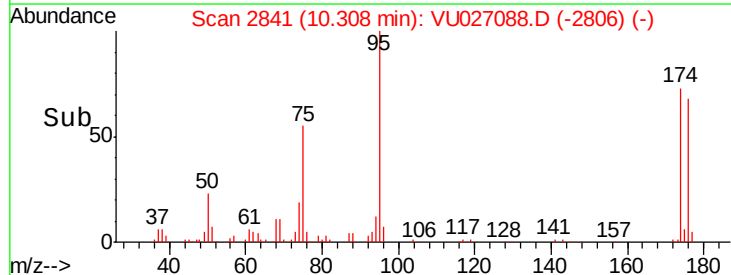
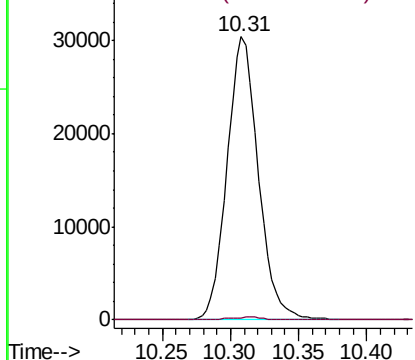
#76

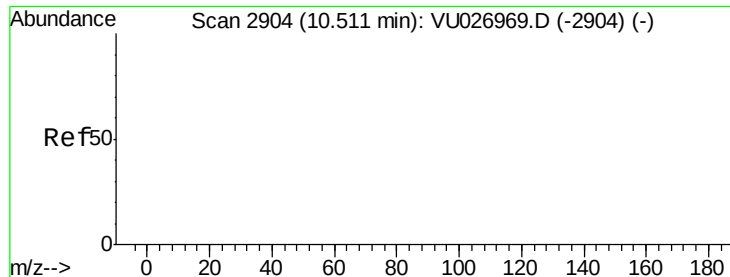
1,2,3-Trichloropropane
Concen: 21.271 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.19 min
Lab File: VU027088.D
Acq: 23 Sep 2018 21:29

Tgt Ion: 75 Resp: 48495
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

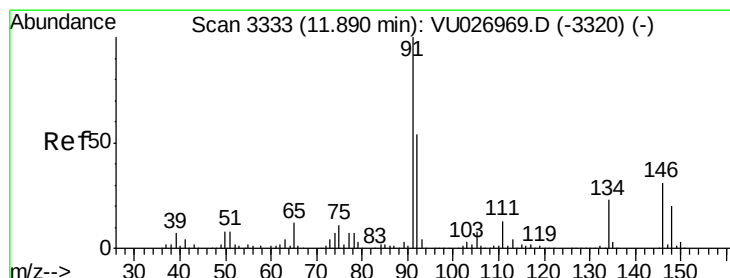
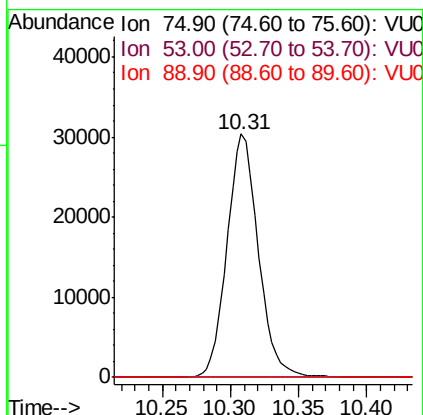
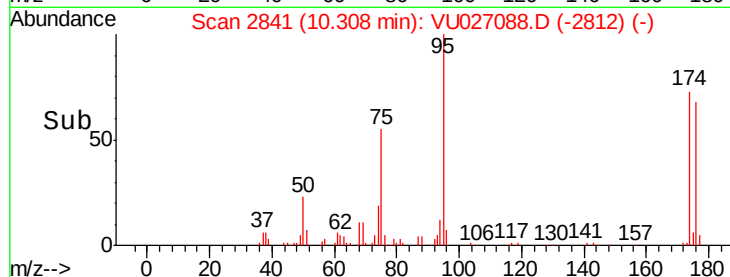
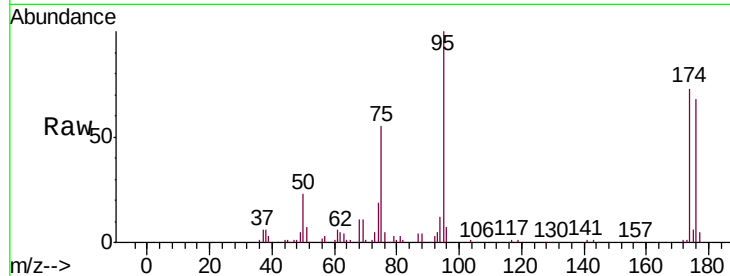




#81
trans-1,4-Dichloro-2-butene
Concen: 68.072 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.21 min
Lab File: VU027088.D
Acq: 23 Sep 2018 21:29

Instrument :
MSVOA_U
ClientSampleId :
SA-SW204-20180914

Tgt Ion: 75 Resp: 48495
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#89
n-Butylbenzene
Concen: 2.409 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU027088.D
Acq: 23 Sep 2018 21:29

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

