

Data File : VU027070.D
Acq On : 23 Sep 2018 14:32
Operator : MD/SY
Sample : J4954-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 112 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
SA-PZ148-20180914

Quant Time: Sep 24 07:14:14 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	105544	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	182188	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	173644	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	79038	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	110149	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
35) Dibromofluoromethane	4.88	113	76685	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
50) Toluene-d8	7.57	98	290918	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
62) 4-Bromofluorobenzene	10.31	95	93611	45.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.66%	

Target Compounds

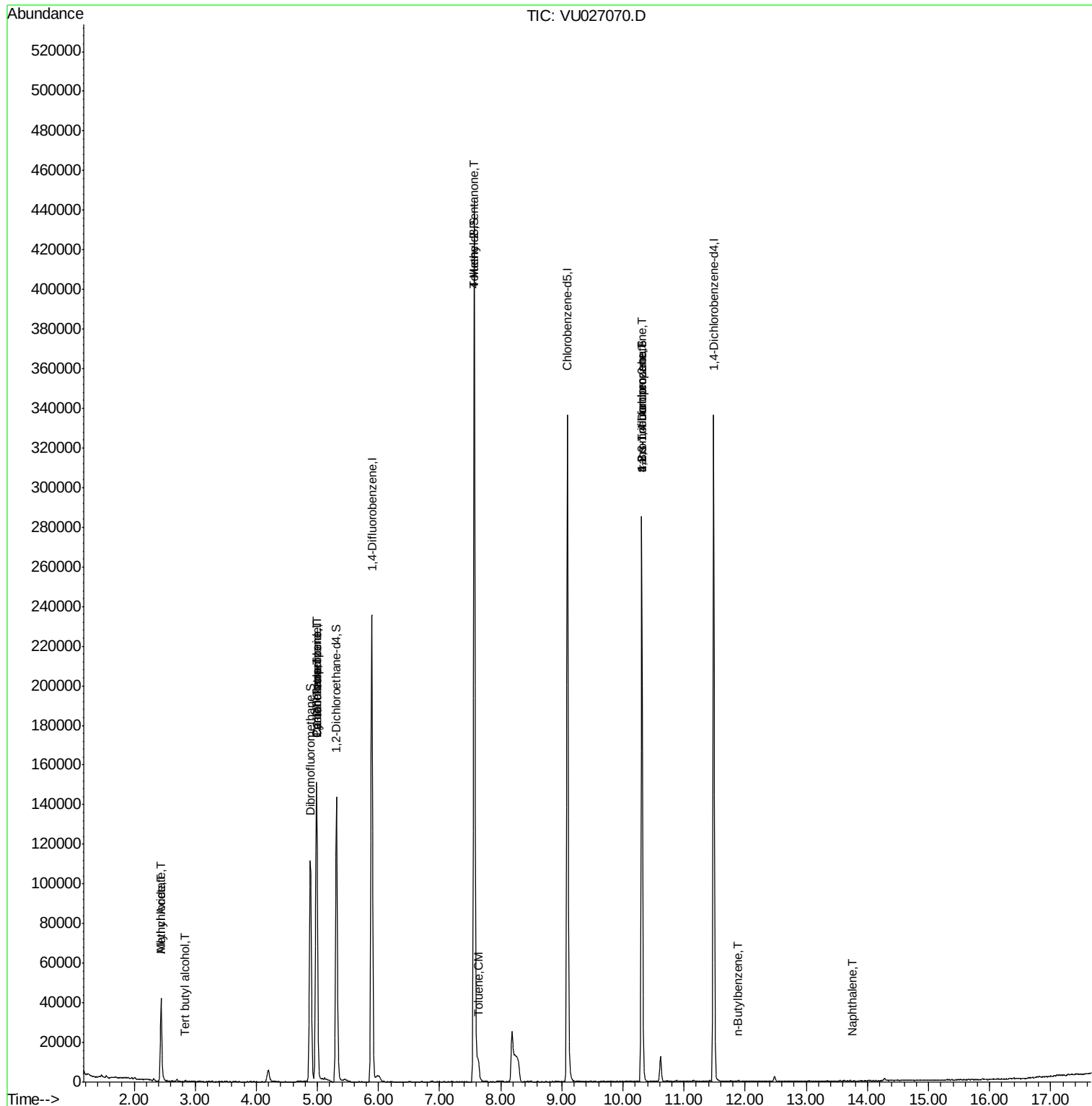
						Qvalue
11) Tert butyl alcohol	2.82	59	130	0.267	ug/l #	72
14) Allyl chloride	2.44	41	4163	1.408	ug/l #	75
16) Acetone	2.32	43	1389	Below Cal		89
18) Methyl Acetate	2.44	43	10705	3.541	ug/l #	55
31) Cyclohexane	4.98	56	2934	0.356	ug/l #	2
36) 1,1-Dichloropropene	4.99	75	10228	4.206	ug/l #	49
38) Carbon Tetrachloride	4.99	117	11070	4.784	ug/l #	18
51) 4-Methyl-2-Pentanone	7.57	43	1537	0.476	ug/l #	1
52) Toluene	7.65	92	1279	0.302	ug/l	94
76) 1,2,3-Trichloropropane	10.31	75	50774	21.146	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	50774	67.670	ug/l #	100
89) n-Butylbenzene	11.90	91	255	2.437	ug/l #	56
95) Naphthalene	13.75	128	42	1.695	ug/l #	69

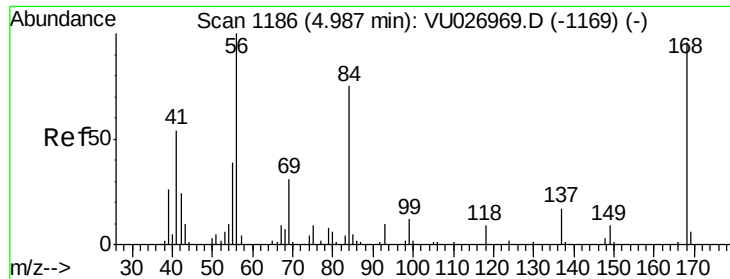
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027070.D

Acq: 23 Sep 2018 14:32

Instrument :

MSVOA_U

ClientSampleId :

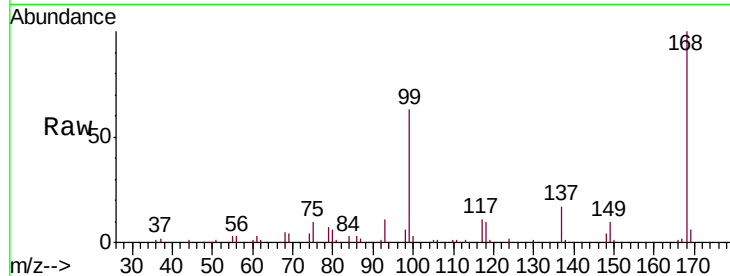
SA-PZ148-20180914

Tgt Ion:168 Resp: 105544

Ion Ratio Lower Upper

168 100

99 63.1 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): VU027070.D (-1093) (-)

Ion 98.90 (98.60 to 99.60): VU027070.D (-1093) (-)

4.99

50000

40000

30000

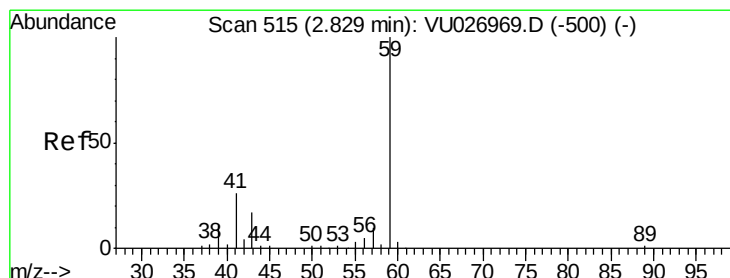
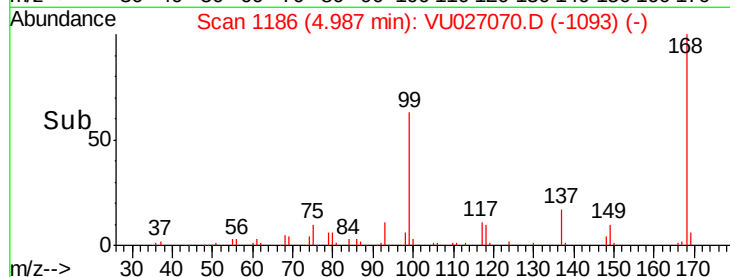
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#11

Tert butyl alcohol

Concen: 0.267 ug/l

RT: 2.82 min Scan# 513

Delta R.T. -0.01 min

Lab File: VU027070.D

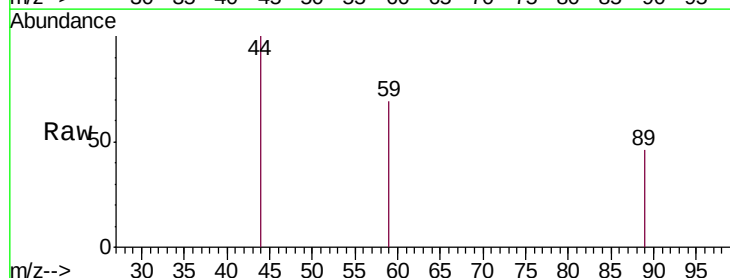
Acq: 23 Sep 2018 14:32

Tgt Ion: 59 Resp: 130

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VU027070.D (-422) (-)

Ion 57.00 (56.70 to 57.70): VU027070.D (-422) (-)

2.82

200

150

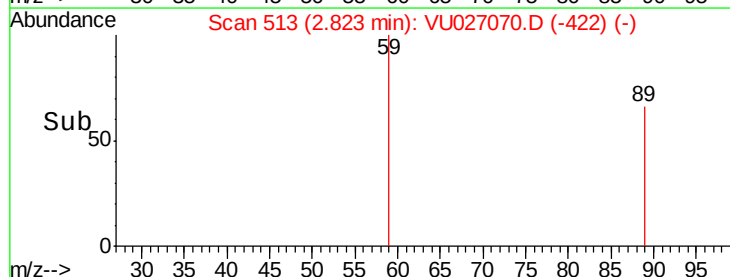
100

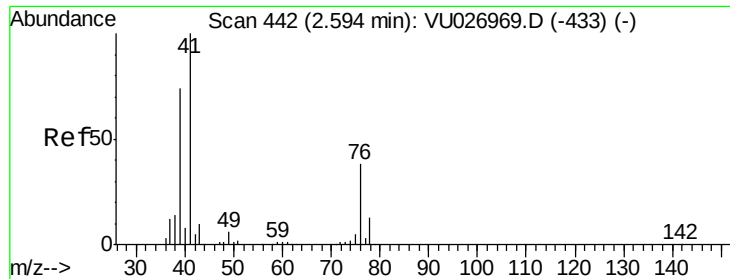
50

0

2.81 2.82 2.83

Time-->

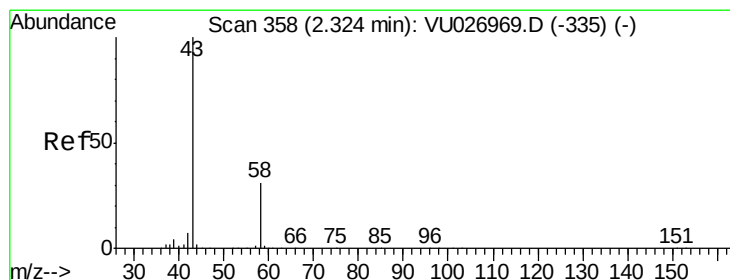
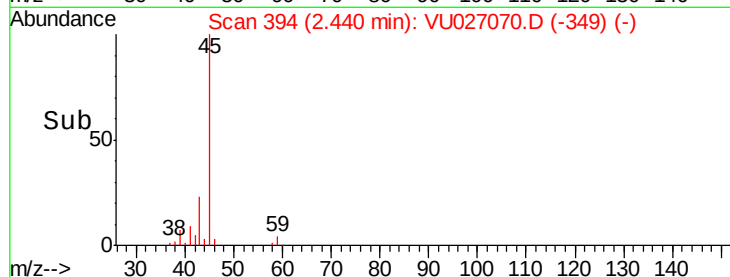
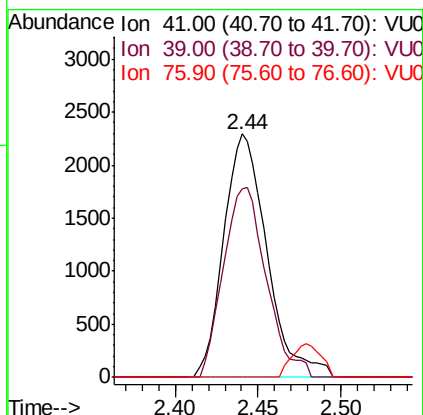
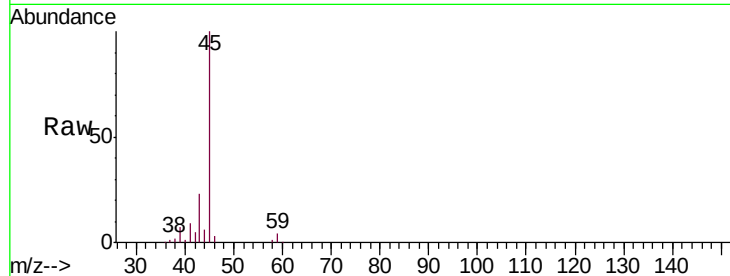




#14
 Allyl chloride
 Concen: 1.408 ug/l
 RT: 2.44 min Scan# 394
 Delta R.T. -0.15 min
 Lab File: VU027070.D
 Acq: 23 Sep 2018 14:32

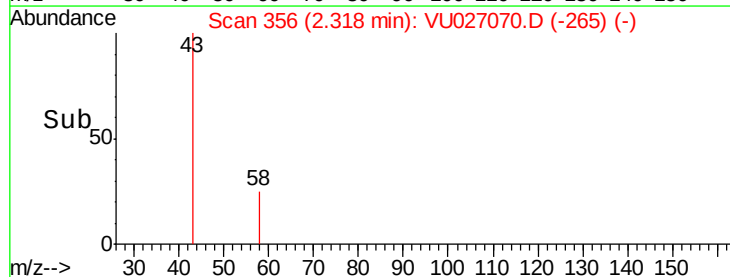
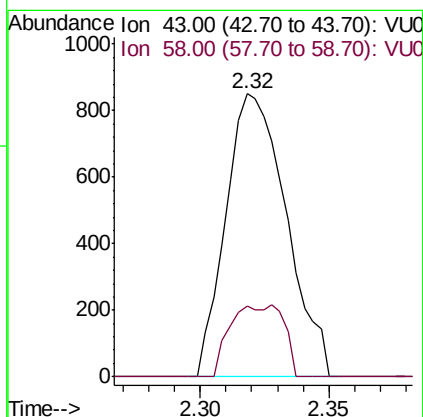
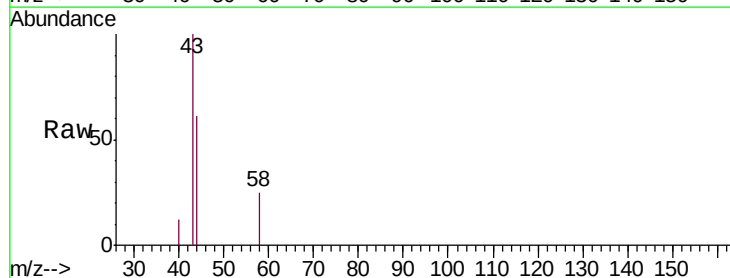
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ148-20180914

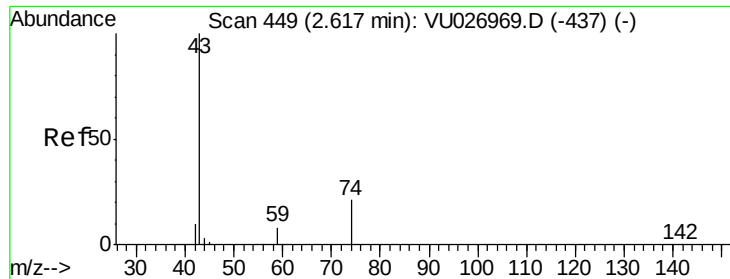
Tgt Ion: 41 Resp: 4163
 Ion Ratio Lower Upper
 41 100
 39 77.4 55.7 83.5
 76 0.0 26.5 39.7#



#16
 Acetone
 Concen: Below Cal
 RT: 2.32 min Scan# 356
 Delta R.T. -0.01 min
 Lab File: VU027070.D
 Acq: 23 Sep 2018 14:32

Tgt Ion: 43 Resp: 1389
 Ion Ratio Lower Upper
 43 100
 58 24.9 24.6 36.8

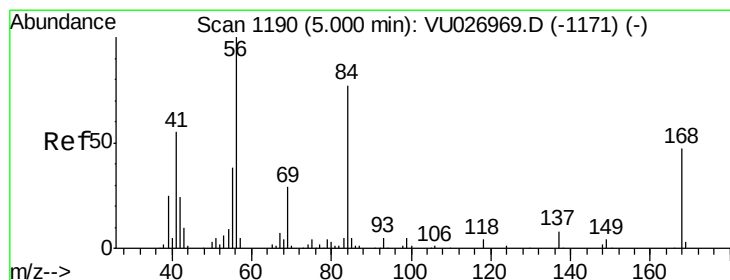
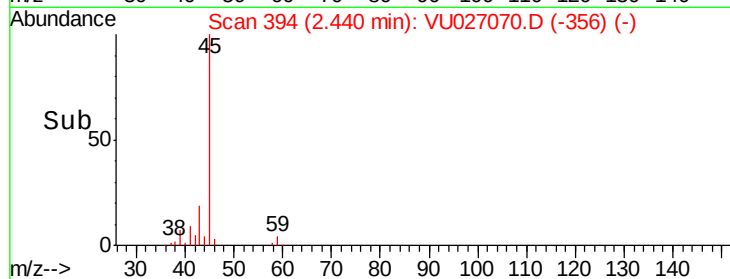
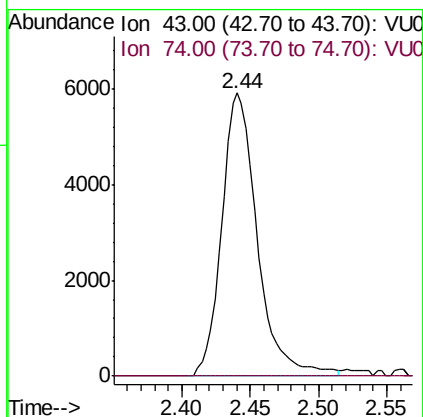
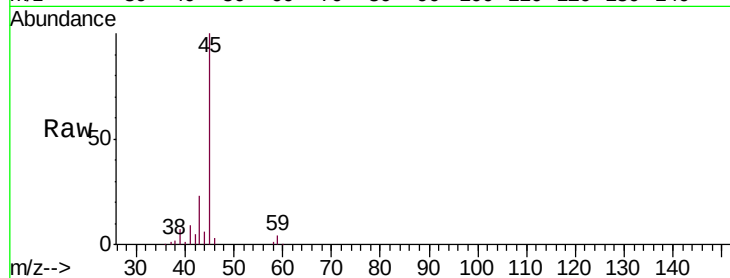




#18
Methyl Acetate
Concen: 3.541 ug/l
RT: 2.44 min Scan# 394
Delta R.T. -0.18 min
Lab File: VU027070.D
Acq: 23 Sep 2018 14:32

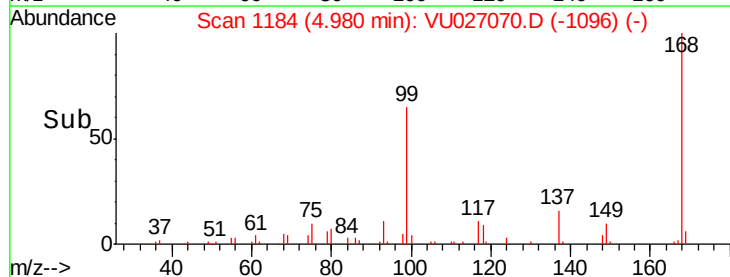
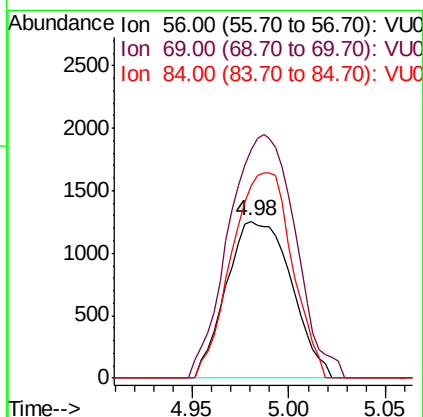
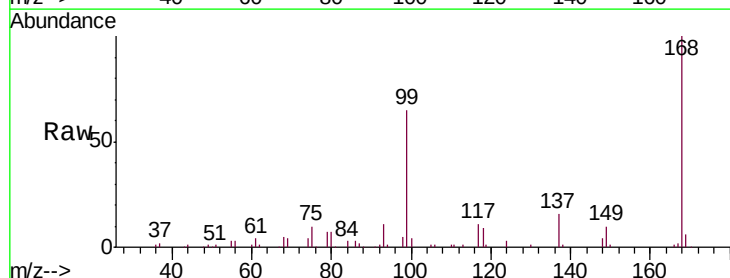
Instrument :
MSVOA_U
ClientSampleId :
SA-PZ148-20180914

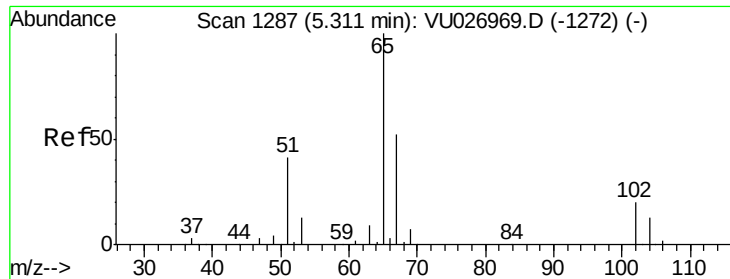
Tgt Ion: 43 Resp: 10705
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#



#31
Cyclohexane
Concen: 0.356 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. -0.02 min
Lab File: VU027070.D
Acq: 23 Sep 2018 14:32

Tgt Ion: 56 Resp: 2934
Ion Ratio Lower Upper
56 100
69 145.1 23.0 34.4#
84 122.8 61.4 92.2#

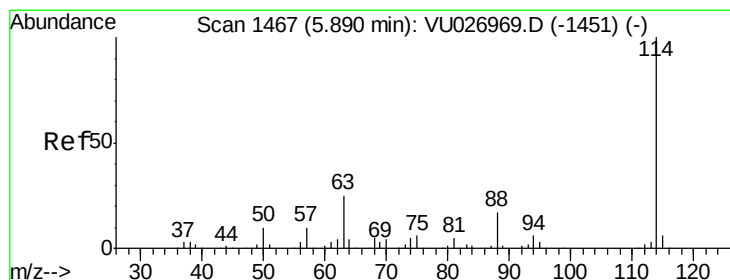
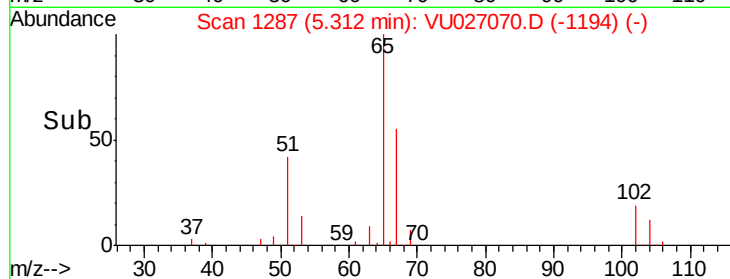
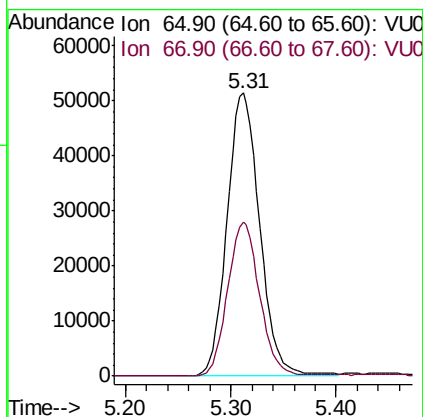
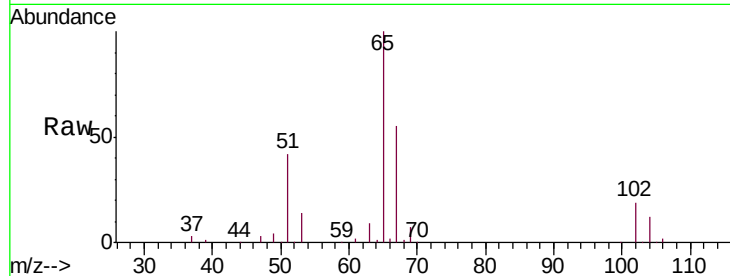




#33
 1,2-Dichloroethane-d4
 Concen: 51.853 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027070.D
 Acq: 23 Sep 2018 14:32

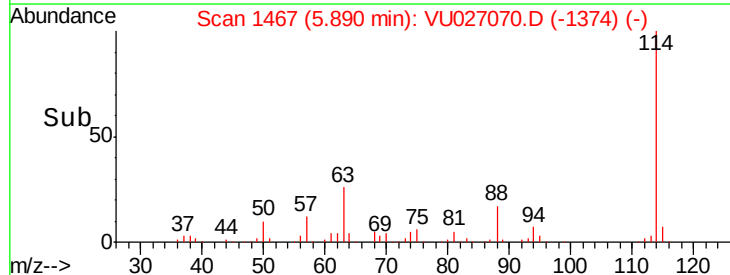
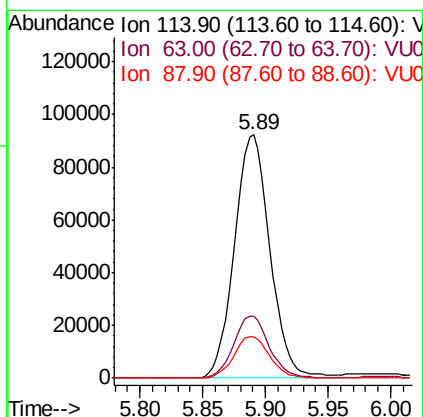
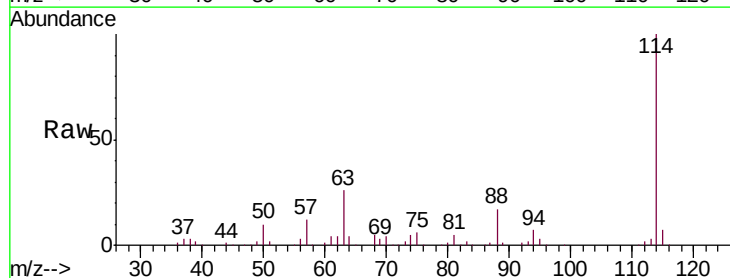
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ148-20180914

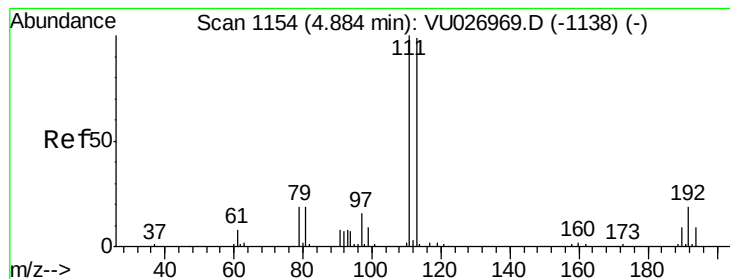
Tgt Ion: 65 Resp: 110149
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027070.D
 Acq: 23 Sep 2018 14:32

Tgt Ion: 114 Resp: 182188
 Ion Ratio Lower Upper
 114 100
 63 25.5 0.0 49.2
 88 16.8 0.0 33.8





#35

Dibromofluoromethane

Concen: 48.559 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU027070.D

Acq: 23 Sep 2018 14:32

Instrument :

MSVOA_U

ClientSampleId :

SA-PZ148-20180914

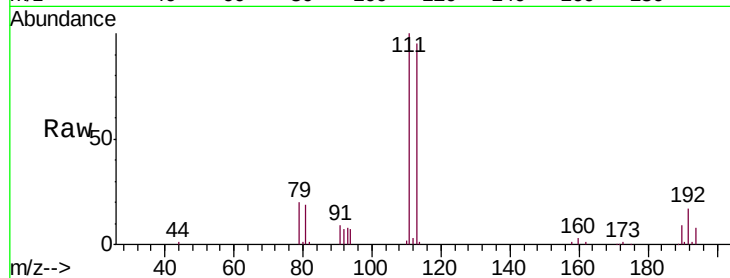
Tgt Ion:113 Resp: 76685

Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.4

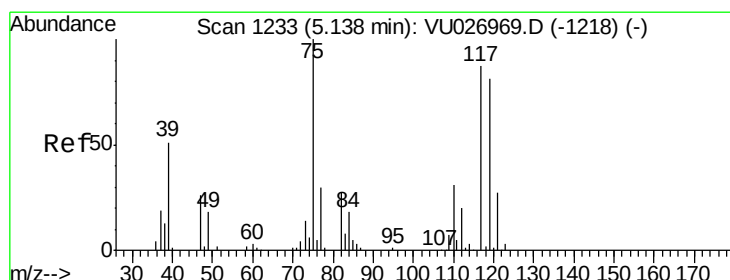
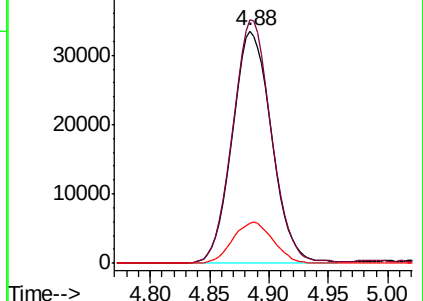
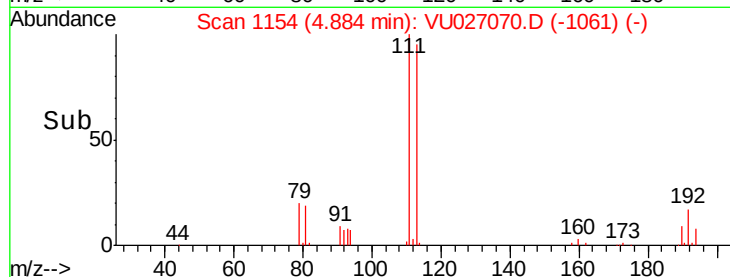
192 18.2 15.2 22.8



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: 4.206 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.15 min

Lab File: VU027070.D

Acq: 23 Sep 2018 14:32

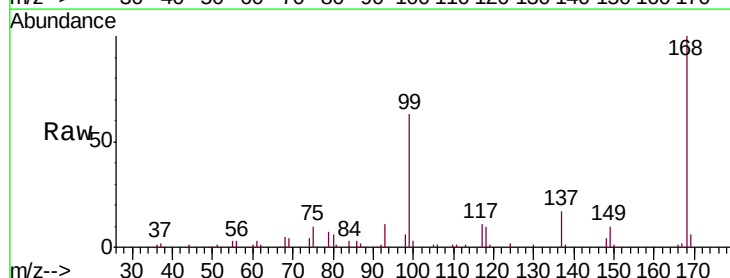
Tgt Ion: 75 Resp: 10228

Ion Ratio Lower Upper

75 100

110 6.8 16.1 48.2#

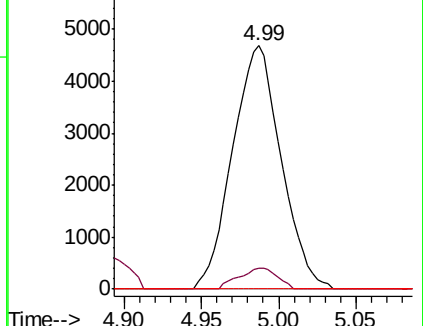
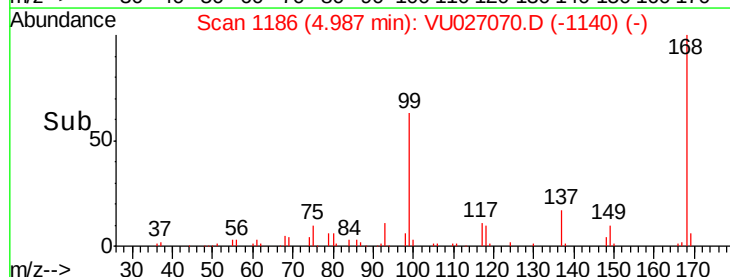
77 0.0 24.6 36.8#

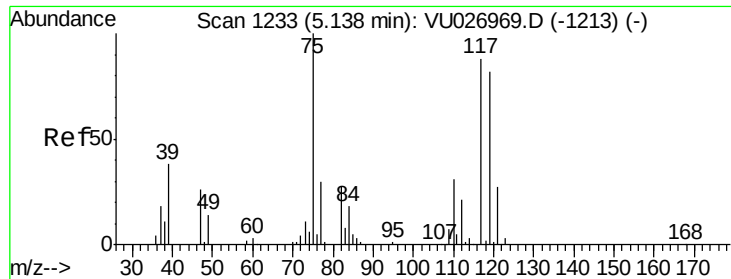


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

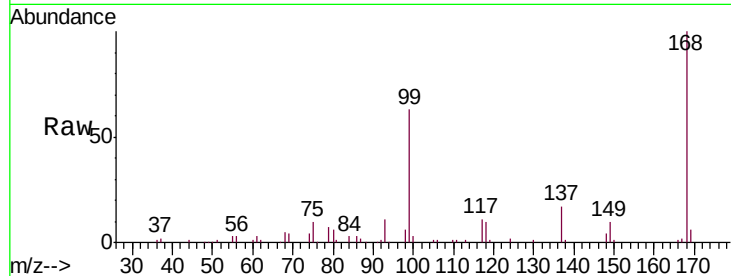




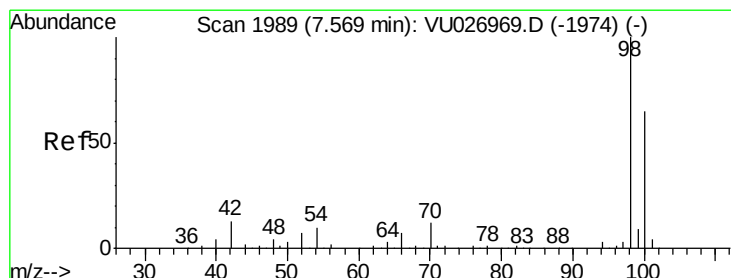
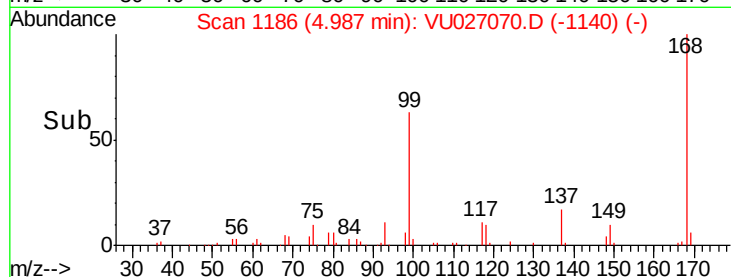
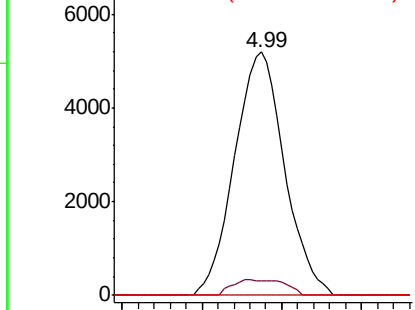
#38
Carbon Tetrachloride
Concen: 4.784 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.15 min
Lab File: VU027070.D
Acq: 23 Sep 2018 14:32

Instrument :
MSVOA_U
ClientSampleId :
SA-PZ148-20180914

Tgt Ion: 117 Resp: 11070
Ion Ratio Lower Upper
117 100
119 6.0 74.4 111.6#
121 0.0 24.2 36.4#

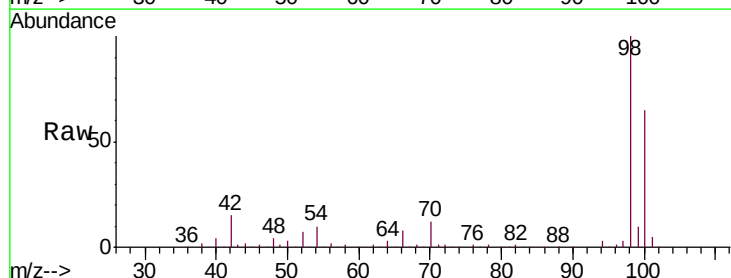


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

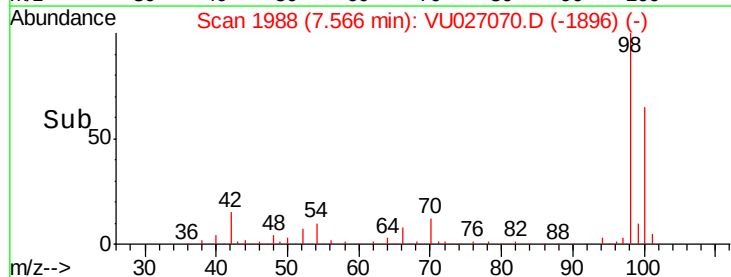
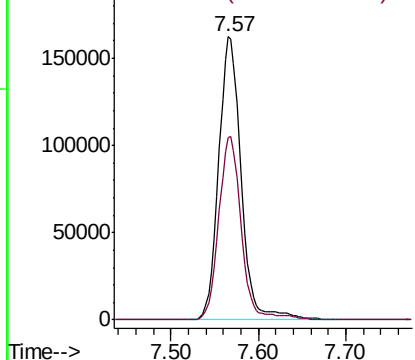


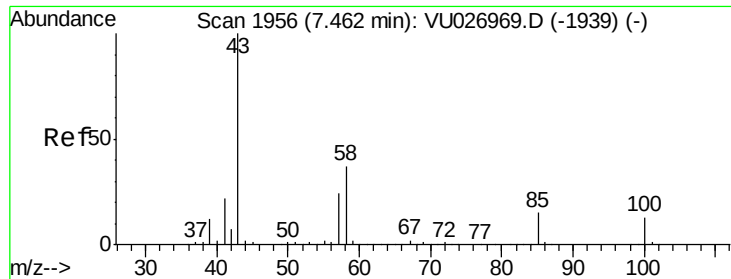
#50
Toluene-d8
Concen: 48.338 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027070.D
Acq: 23 Sep 2018 14:32

Tgt Ion: 98 Resp: 290918
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1



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

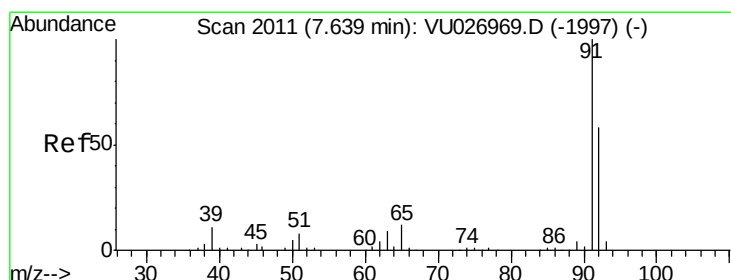
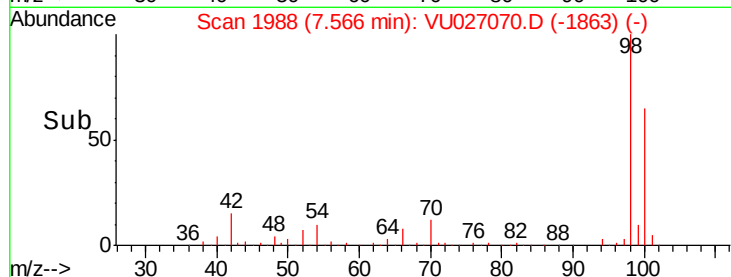
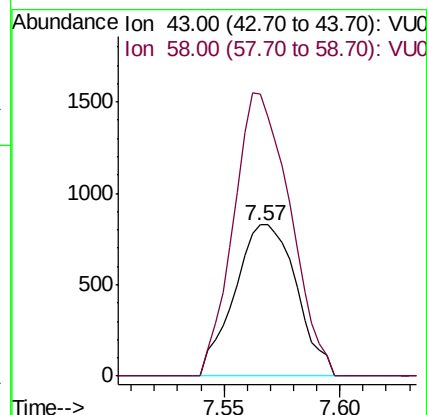
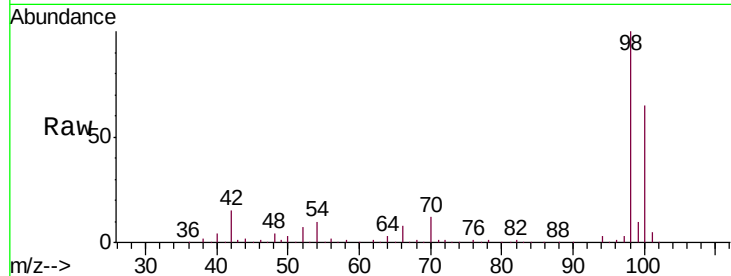




#51
4-Methyl-2-Pentanone
Concen: 0.476 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.10 min
Lab File: VU027070.D
Acq: 23 Sep 2018 14:32

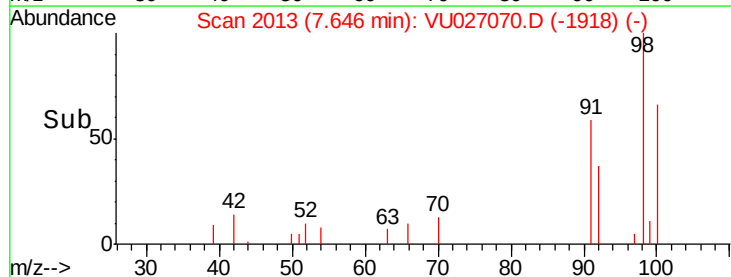
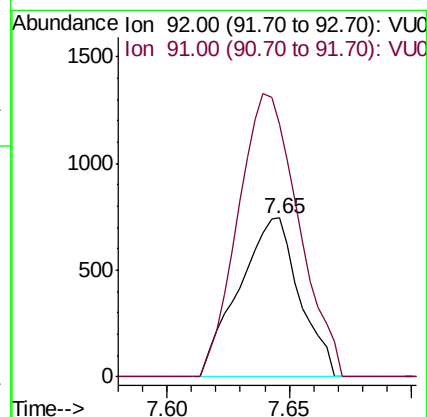
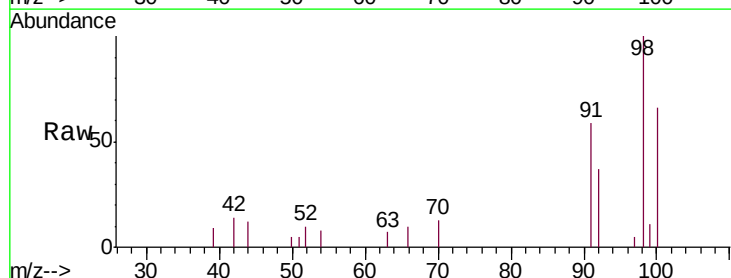
Instrument :
MSVOA_U
ClientSampleId :
SA-PZ148-20180914

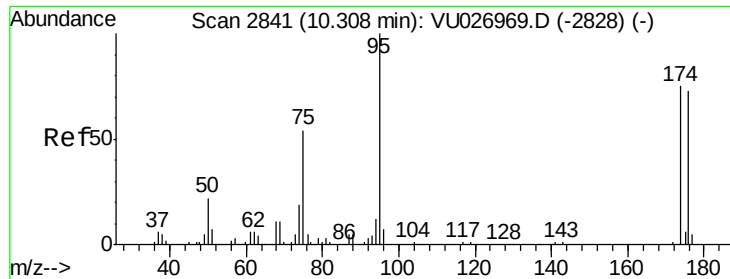
Tgt Ion: 43 Resp: 1537
Ion Ratio Lower Upper
43 100
58 170.5 29.8 44.6#



#52
Toluene
Concen: 0.302 ug/l
RT: 7.65 min Scan# 2013
Delta R.T. 0.01 min
Lab File: VU027070.D
Acq: 23 Sep 2018 14:32

Tgt Ion: 92 Resp: 1279
Ion Ratio Lower Upper
92 100
91 178.7 136.4 204.6

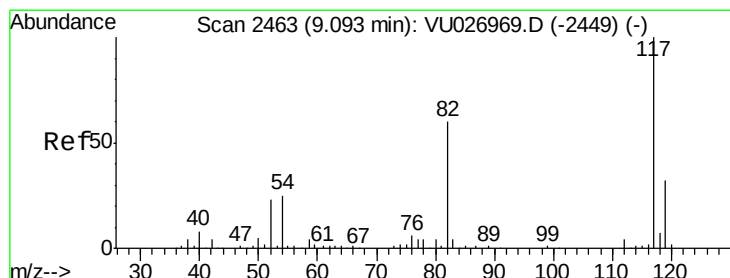
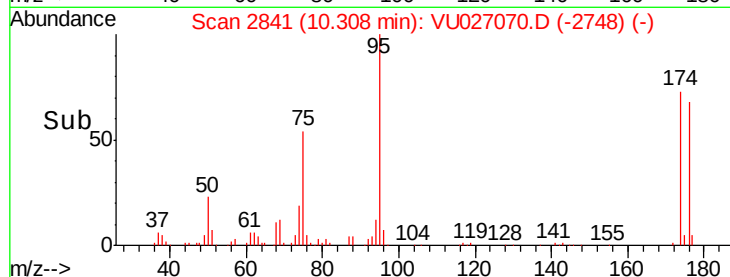
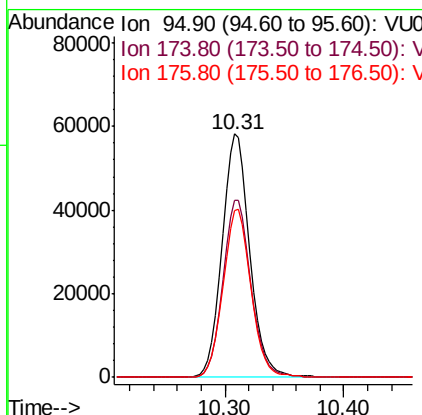
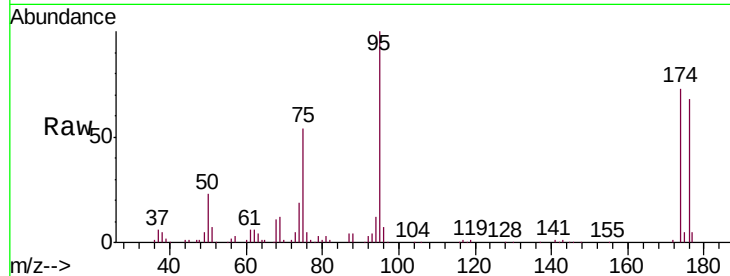




#62
4-Bromofluorobenzene
Concen: 45.330 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027070.D
Acq: 23 Sep 2018 14:32

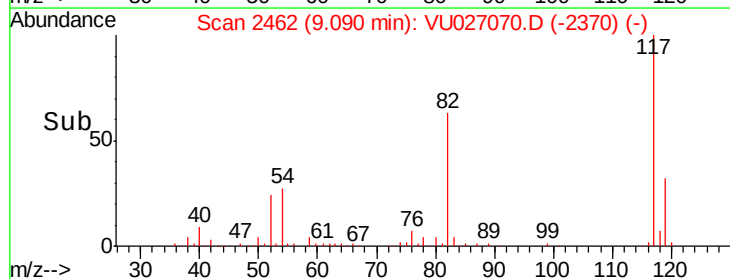
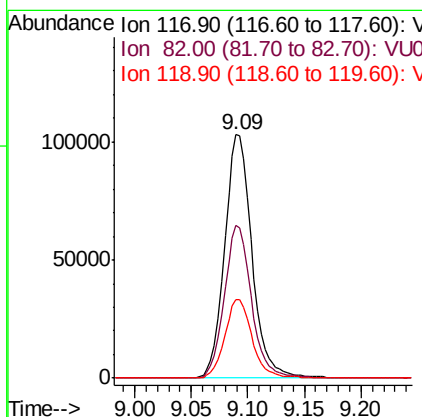
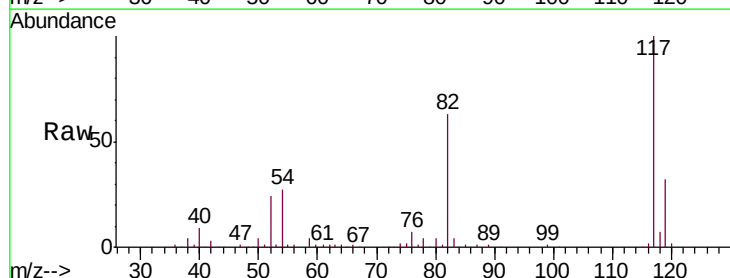
Instrument :
MSVOA_U
ClientSampleId :
SA-PZ148-20180914

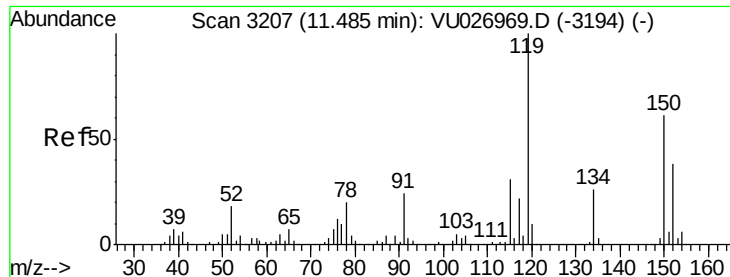
Tgt Ion: 95 Resp: 93611
Ion Ratio Lower Upper
95 100
174 73.8 0.0 150.2
176 69.8 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027070.D
Acq: 23 Sep 2018 14:32

Tgt Ion: 117 Resp: 173644
Ion Ratio Lower Upper
117 100
82 62.7 48.0 72.0
119 32.3 25.8 38.8



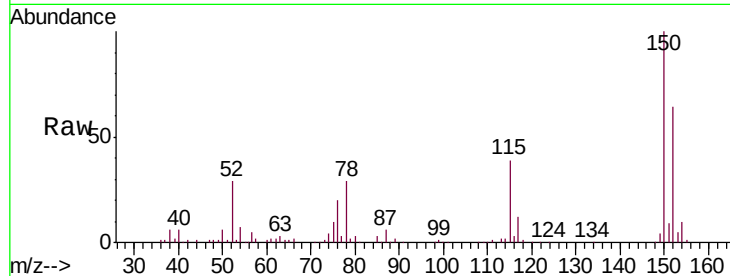


#72

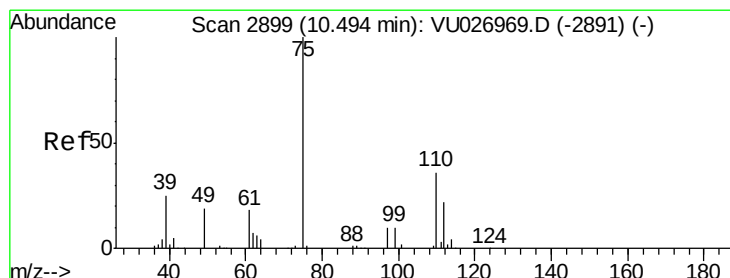
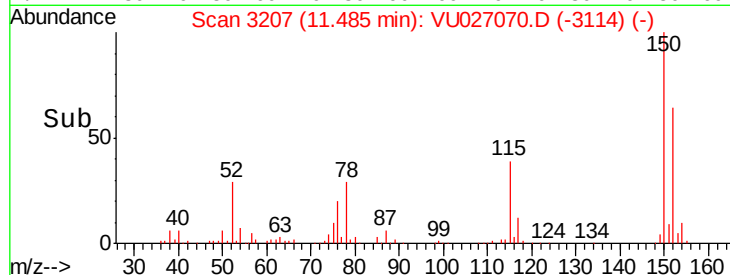
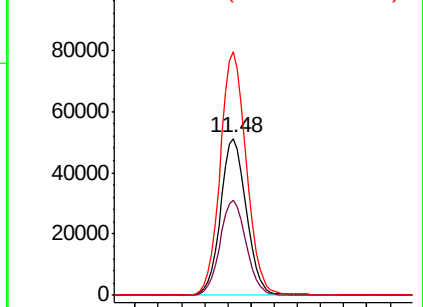
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027070.D
Acq: 23 Sep 2018 14:32

Instrument :
MSVOA_U
ClientSampleId :
SA-PZ148-20180914

Tgt Ion: 152 Resp: 79038
Ion Ratio Lower Upper
152 100
115 61.7 44.9 134.5
150 156.3 0.0 355.8



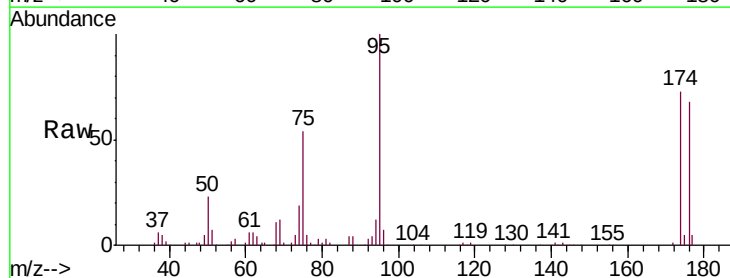
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



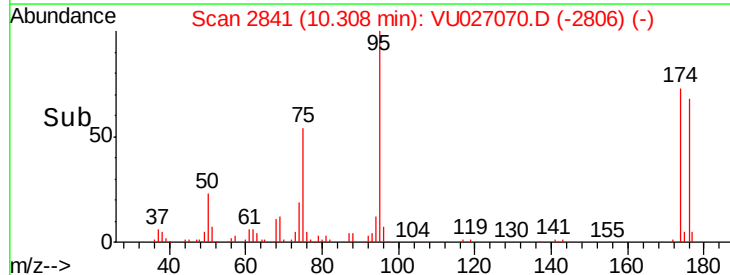
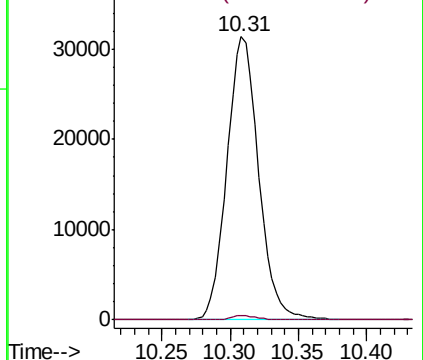
#76

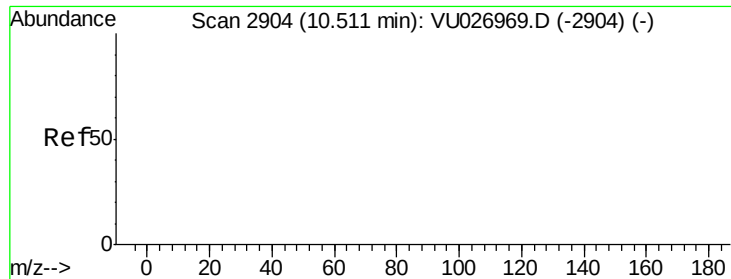
1,2,3-Trichloropropane
Concen: 21.146 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.19 min
Lab File: VU027070.D
Acq: 23 Sep 2018 14:32

Tgt Ion: 75 Resp: 50774
Ion Ratio Lower Upper
75 100
77 1.2 20.9 62.8#



Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 77.00 (76.70 to 77.70): VU0

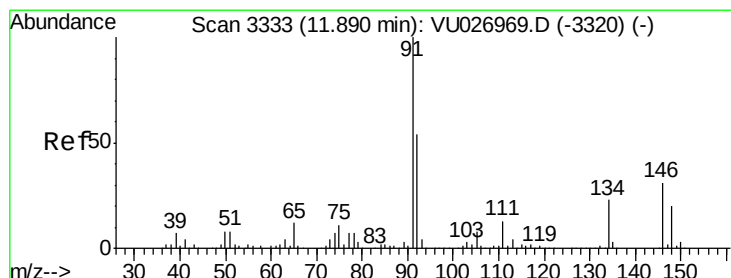
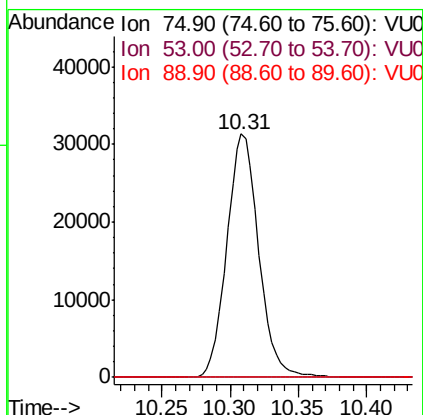
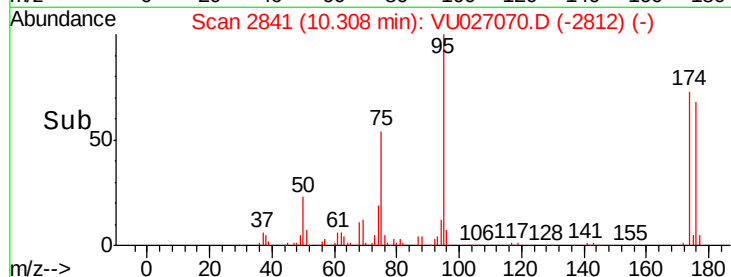
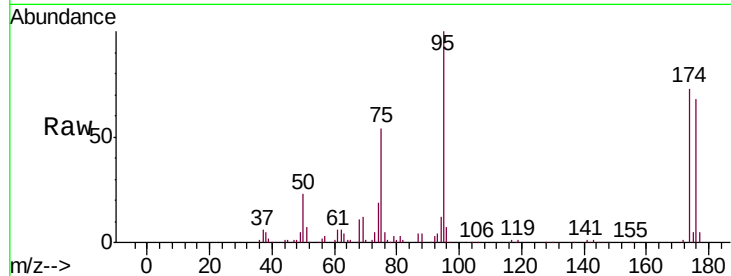




#81
trans-1,4-Dichloro-2-butene
Concen: 67.670 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.21 min
Lab File: VU027070.D
Acq: 23 Sep 2018 14:32

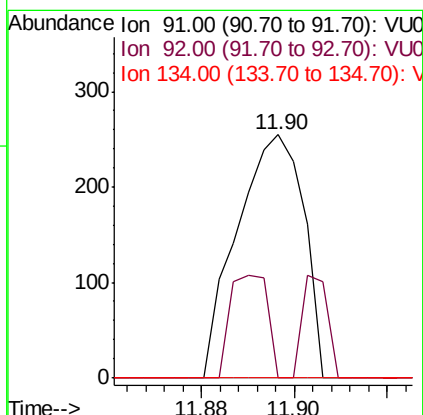
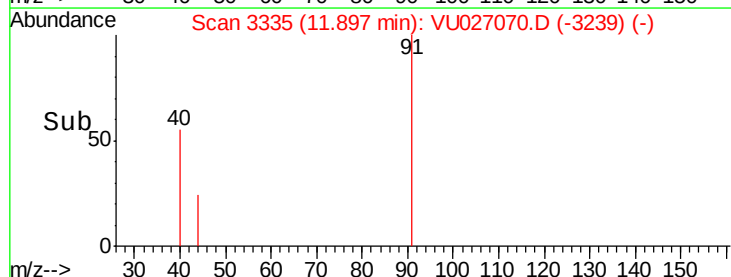
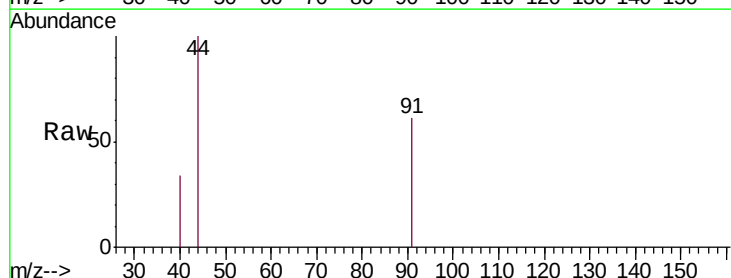
Instrument :
MSVOA_U
ClientSampleId :
SA-PZ148-20180914

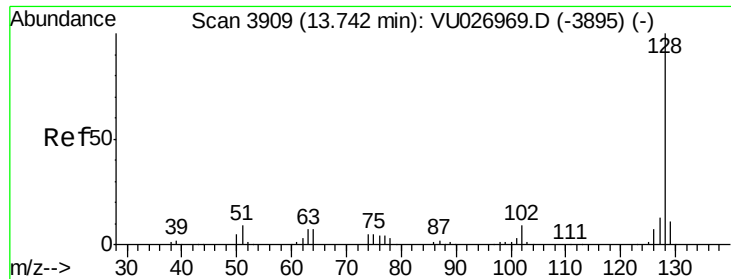
Tgt Ion: 75 Resp: 50774
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#89
n-Butylbenzene
Concen: 2.437 ug/l
RT: 11.90 min Scan# 3335
Delta R.T. 0.01 min
Lab File: VU027070.D
Acq: 23 Sep 2018 14:32

Tgt Ion: 91 Resp: 255
Ion Ratio Lower Upper
91 100
92 23.9 27.1 81.2#
134 0.0 11.7 35.0#





#95

Naphthalene

Concen: 1.695 ug/l

RT: 13.75 min Scan# 3913

Delta R.T. 0.01 min

Lab File: VU027070.D

Acq: 23 Sep 2018 14:32

Instrument :

MSVOA_U

ClientSampleId :

SA-PZ148-20180914

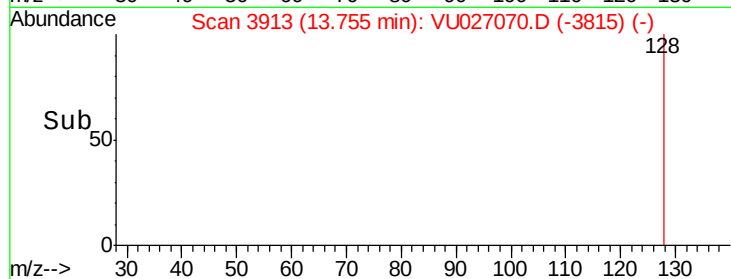
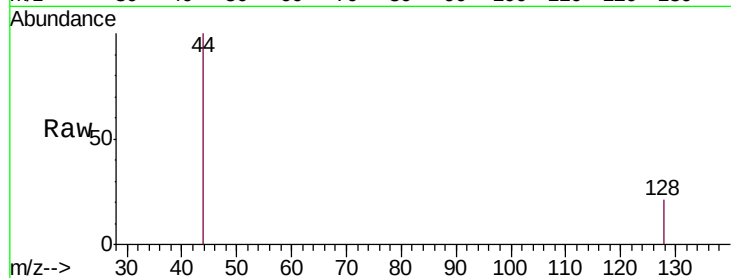
Tgt Ion:128 Resp: 42

Ion Ratio Lower Upper

128 100

127 0.0 10.6 15.8#

129 0.0 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V

150 Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

