

Data File : VU027060.D
Acq On : 23 Sep 2018 09:12
Operator : MD/SY
Sample : J4963-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 102 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
SA-PZ123I1-20180914

Quant Time: Sep 24 05:49:38 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	91551	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	158253	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	153030	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	70335	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	98142	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	
35) Dibromofluoromethane	4.89	113	67737	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
50) Toluene-d8	7.57	98	254119	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
62) 4-Bromofluorobenzene	10.31	95	81145	45.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.48%	

Target Compounds

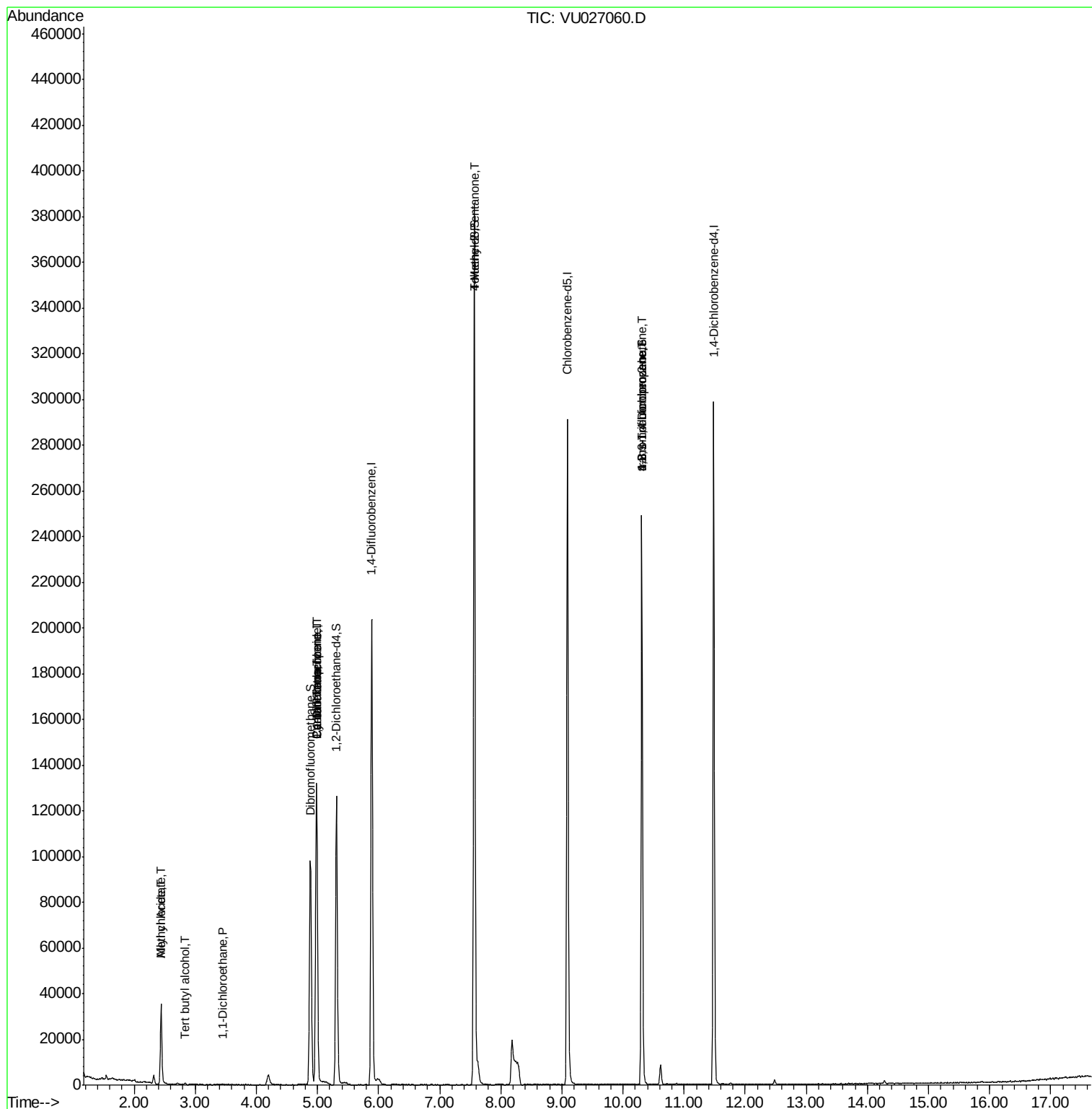
						Qvalue
11) Tert butyl alcohol	2.83	59	422	0.999	ug/l #	72
14) Allyl chloride	2.44	41	3448	1.344	ug/l #	69
16) Acetone	2.32	43	4269	Below Cal		90
18) Methyl Acetate	2.44	43	9176	3.499	ug/l #	55
24) 1,1-Dichloroethane	3.45	63	773	0.256	ug/l #	84
31) Cyclohexane	4.98	56	2625	0.385	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	8775	4.155	ug/l #	50
38) Carbon Tetrachloride	4.99	117	9403	4.678	ug/l #	20
51) 4-Methyl-2-Pentanone	7.57	43	1195	0.426	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	44046	20.613	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	44046	65.967	ug/l #	100

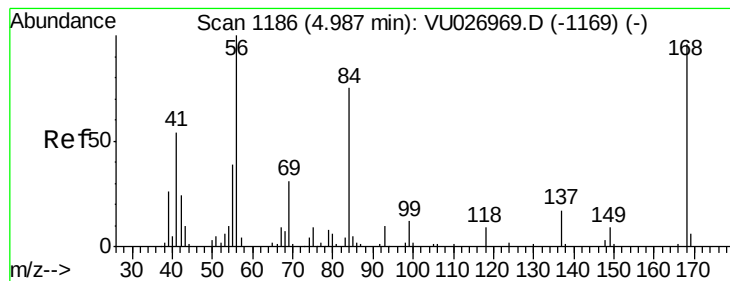
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027060.D

Acq: 23 Sep 2018 09:12

Instrument :

MSVOA_U

ClientSampleId :

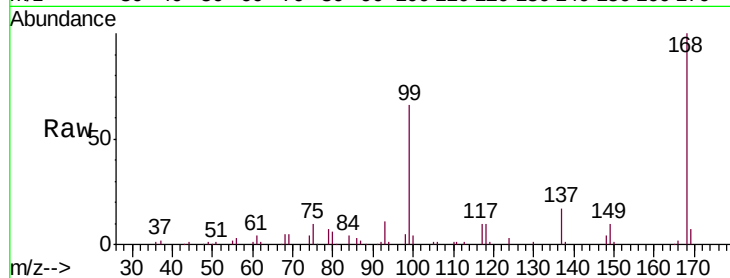
SA-PZ123I1-20180914

Tgt Ion:168 Resp: 91551

Ion Ratio Lower Upper

168 100

99 66.4 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

40000

30000

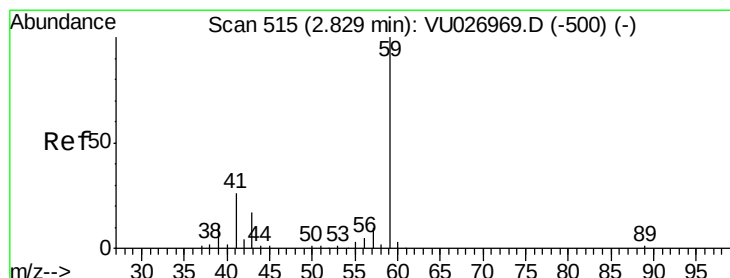
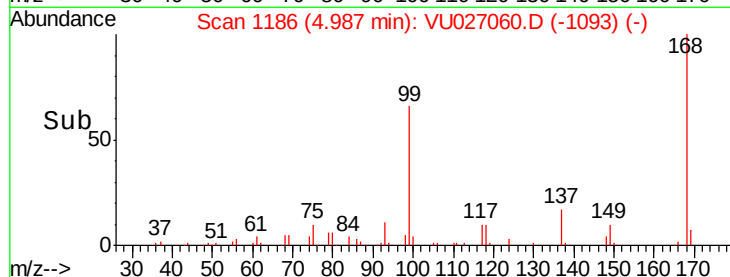
20000

10000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#11

Tert butyl alcohol

Concen: 0.999 ug/l

RT: 2.83 min Scan# 514

Delta R.T. -0.00 min

Lab File: VU027060.D

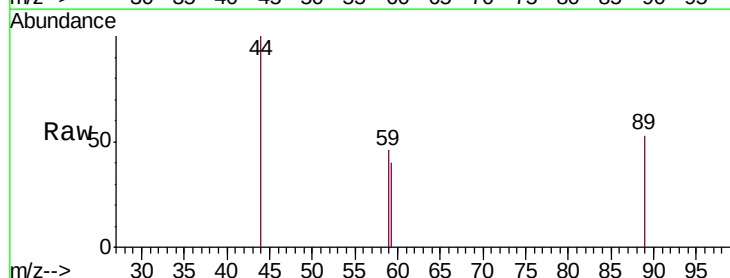
Acq: 23 Sep 2018 09:12

Tgt Ion: 59 Resp: 422

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) (-)

2.83

300

250

200

150

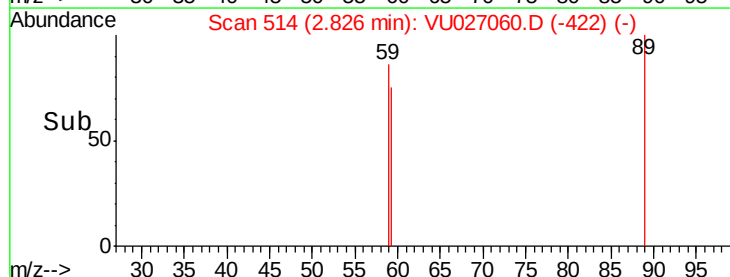
100

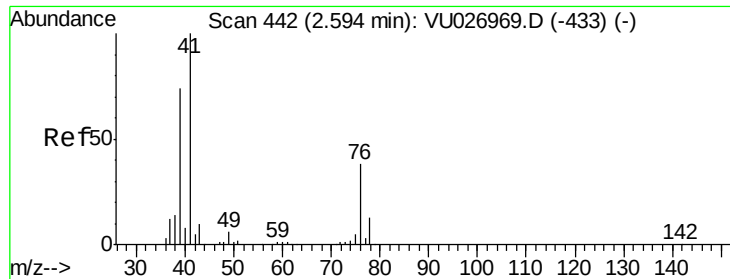
50

0

2.80 2.82 2.84 2.86 2.88

Time-->

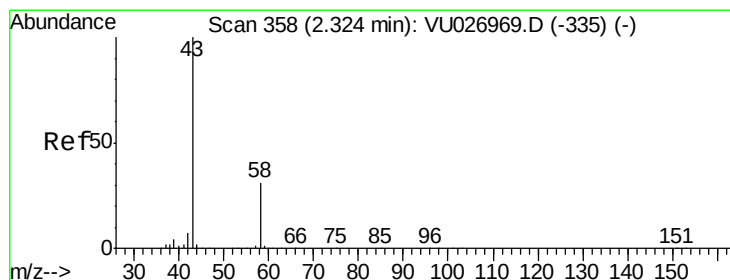
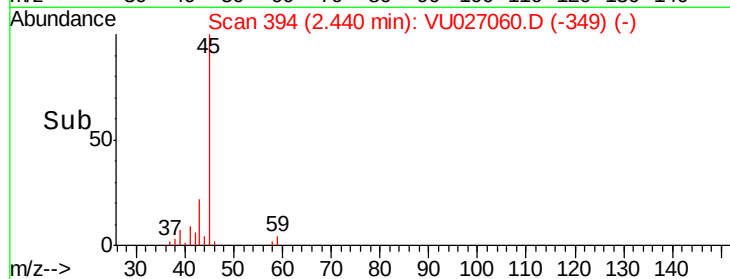
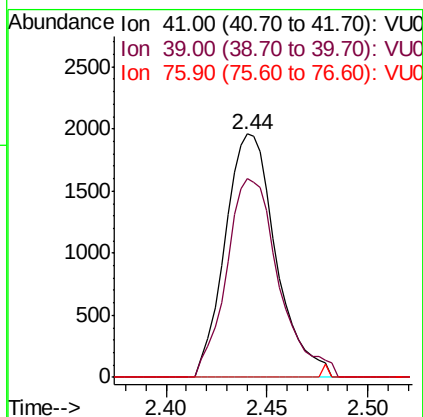
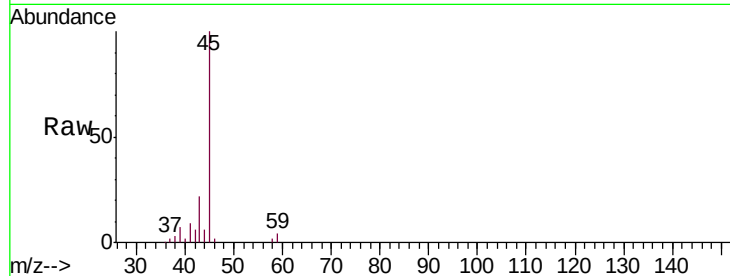




#14
 Allyl chloride
 Concen: 1.344 ug/l
 RT: 2.44 min Scan# 394
 Delta R.T. -0.15 min
 Lab File: VU027060.D
 Acq: 23 Sep 2018 09:12

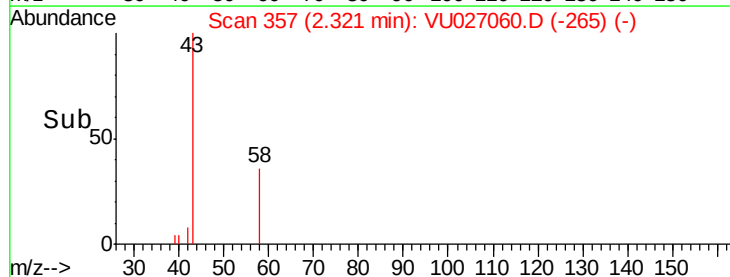
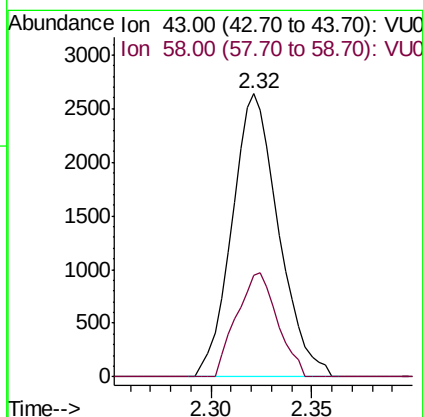
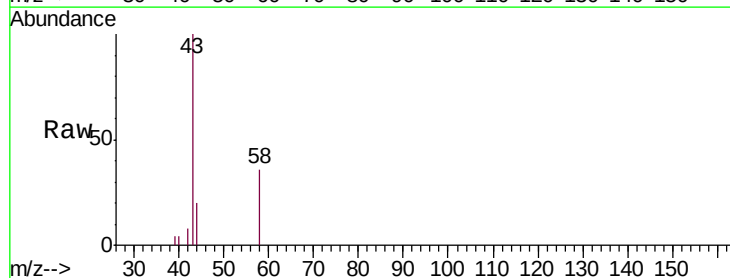
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ123I1-20180914

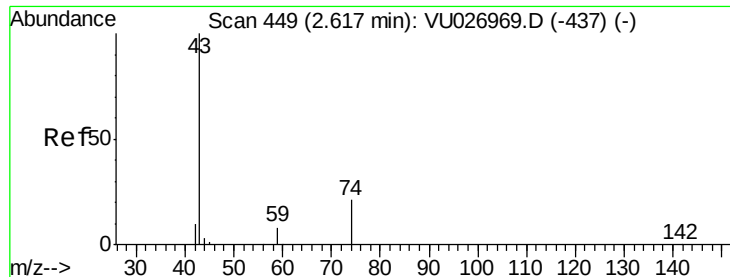
Tgt Ion: 41 Resp: 3448
 Ion Ratio Lower Upper
 41 100
 39 84.0 55.7 83.5#
 76 0.0 26.5 39.7#



#16
 Acetone
 Concen: Below Cal
 RT: 2.32 min Scan# 357
 Delta R.T. -0.00 min
 Lab File: VU027060.D
 Acq: 23 Sep 2018 09:12

Tgt Ion: 43 Resp: 4269
 Ion Ratio Lower Upper
 43 100
 58 35.9 24.6 36.8

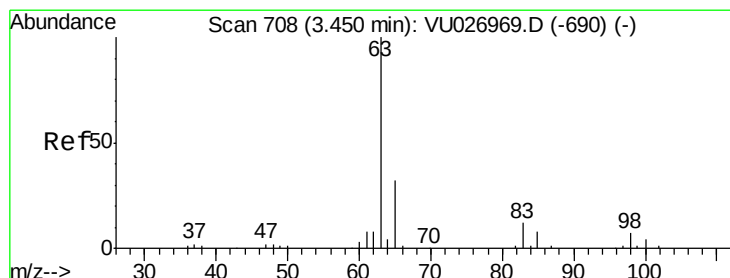
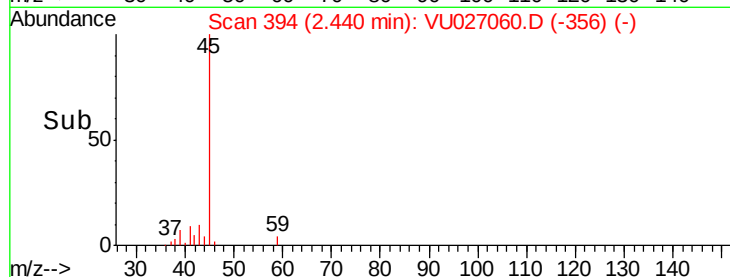
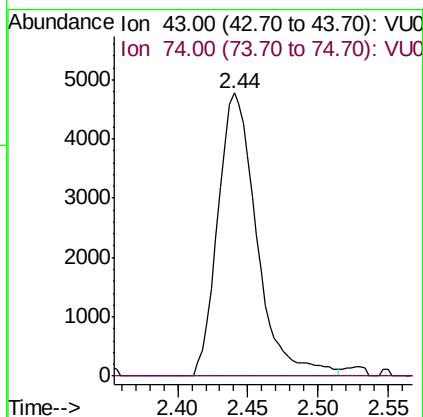
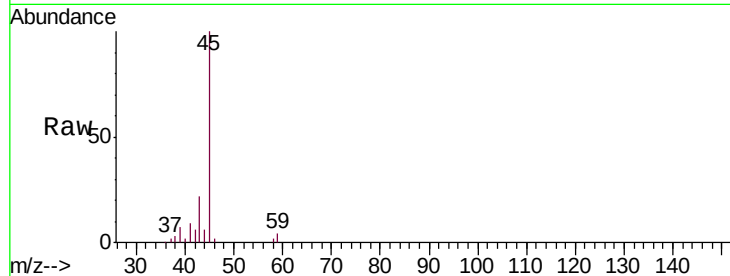




#18
Methyl Acetate
Concen: 3.499 ug/l
RT: 2.44 min Scan# 394
Delta R.T. -0.18 min
Lab File: VU027060.D
Acq: 23 Sep 2018 09:12

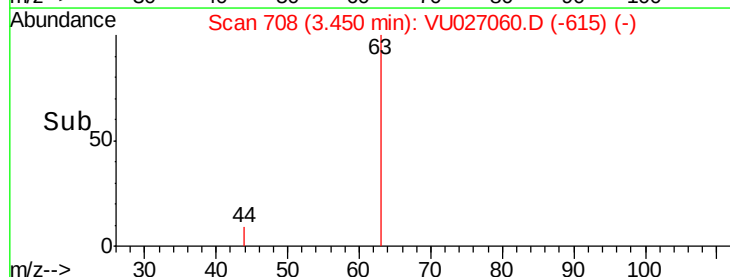
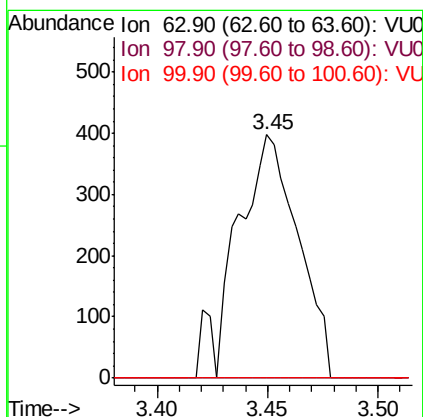
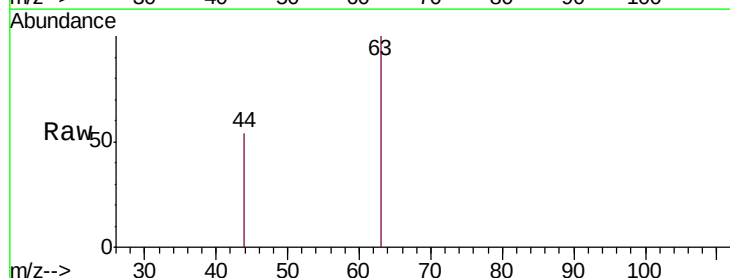
Instrument :
MSVOA_U
ClientSampleId :
SA-PZ123I1-20180914

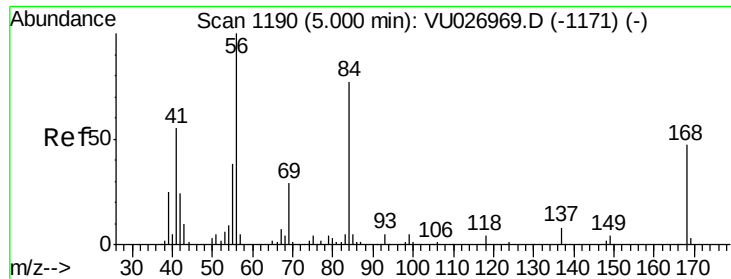
Tgt Ion: 43 Resp: 9176
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#



#24
1,1-Dichloroethane
Concen: 0.256 ug/l
RT: 3.45 min Scan# 708
Delta R.T. 0.00 min
Lab File: VU027060.D
Acq: 23 Sep 2018 09:12

Tgt Ion: 63 Resp: 773
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.8#
100 0.0 2.0 5.8#

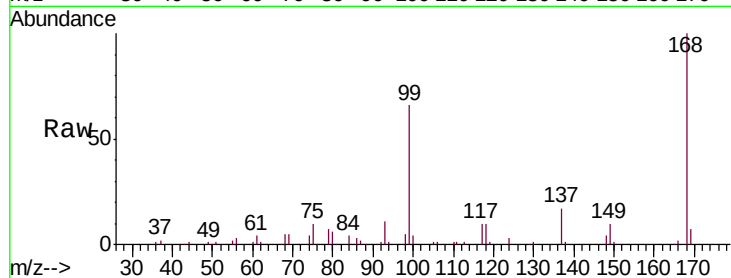




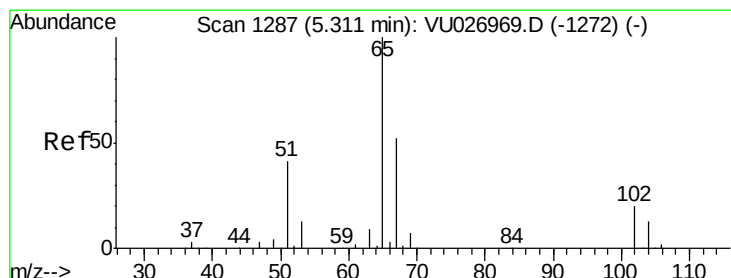
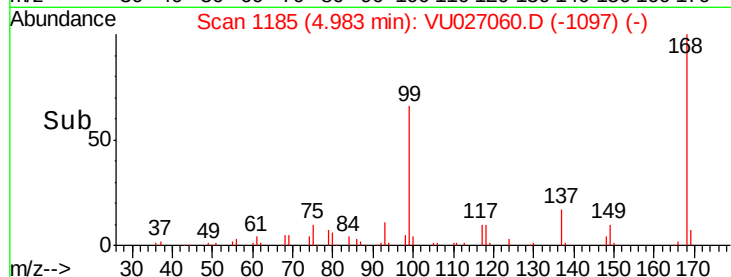
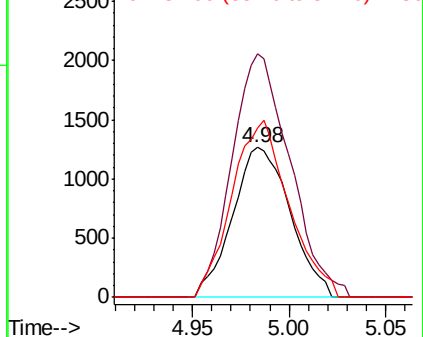
#31
Cyclohexane
Concen: 0.385 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.02 min
Lab File: VU027060.D
Acq: 23 Sep 2018 09:12

Instrument :
MSVOA_U
ClientSampleId :
SA-PZ123I1-20180914

Tgt Ion: 56 Resp: 2625
Ion Ratio Lower Upper
56 100
69 162.3 23.0 34.4#
84 112.9 61.4 92.2#

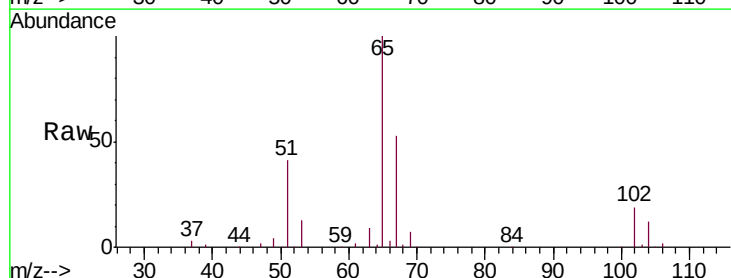


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

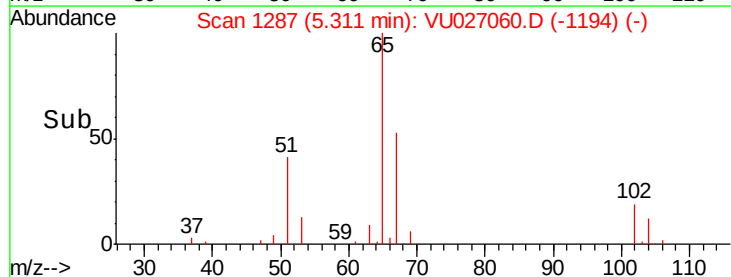
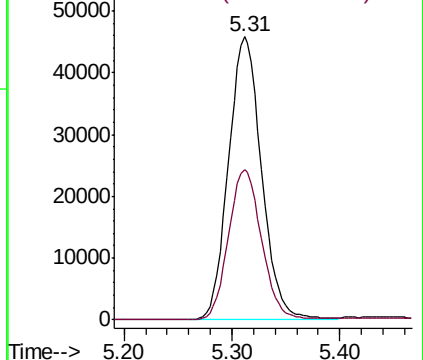


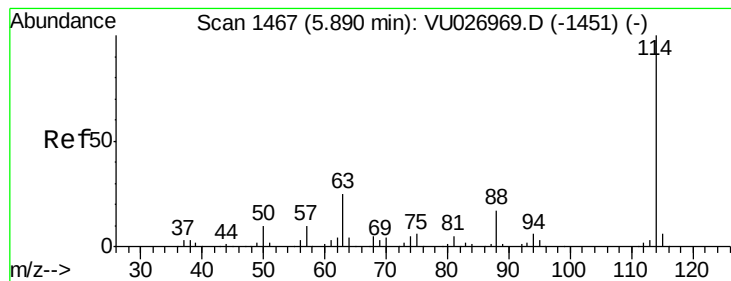
#33
1,2-Dichloroethane-d4
Concen: 53.262 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027060.D
Acq: 23 Sep 2018 09:12

Tgt Ion: 65 Resp: 98142
Ion Ratio Lower Upper
65 100
67 53.2 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: VU027060.D

Acq: 23 Sep 2018 09:12

Instrument :

MSVOA_U

ClientSampleId :

SA-PZ123I1-20180914

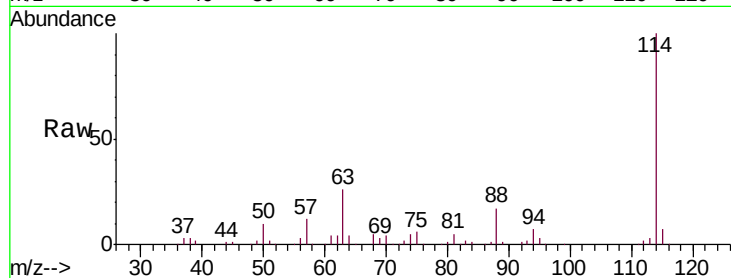
Tgt Ion:114 Resp: 158253

Ion Ratio Lower Upper

114 100

63 25.6 0.0 49.2

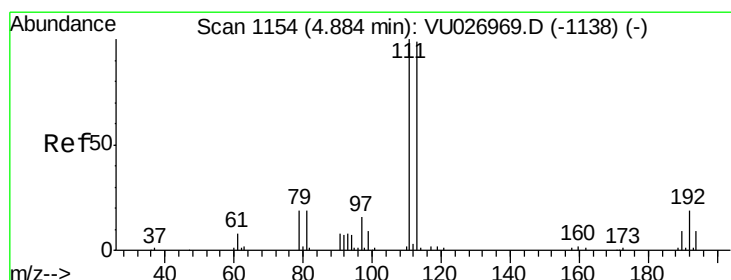
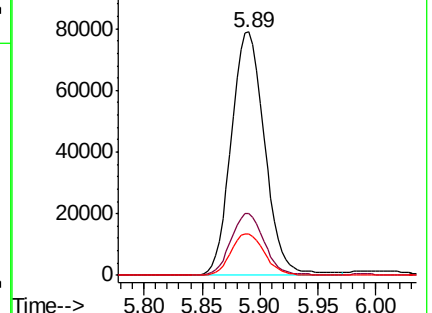
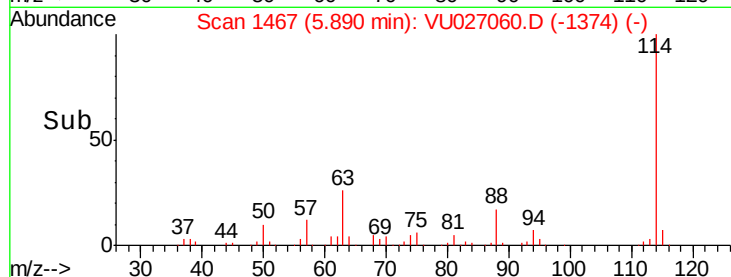
88 17.2 0.0 33.8



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: 49.380 ug/l

RT: 4.89 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VU027060.D

Acq: 23 Sep 2018 09:12

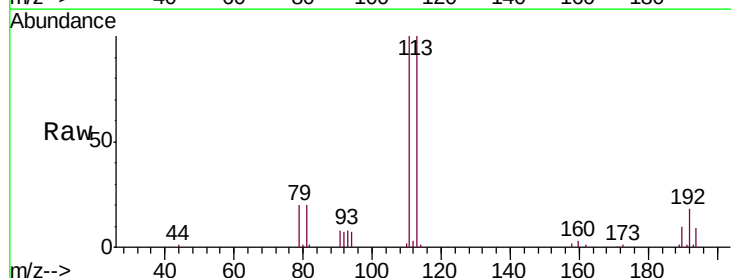
Tgt Ion:113 Resp: 67737

Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.4

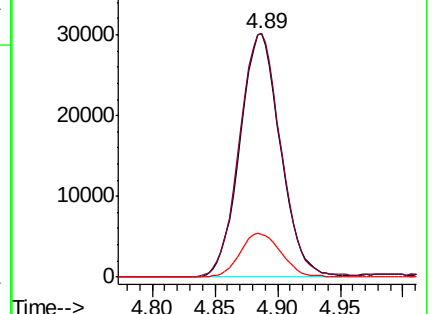
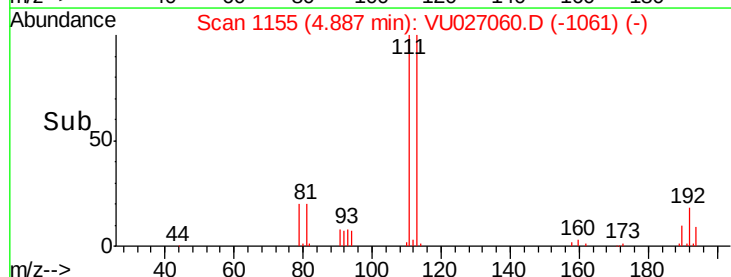
192 18.2 15.2 22.8

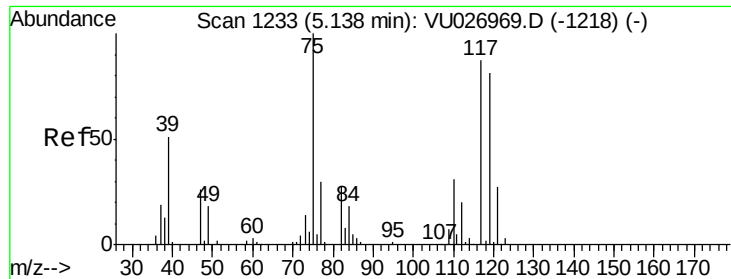


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

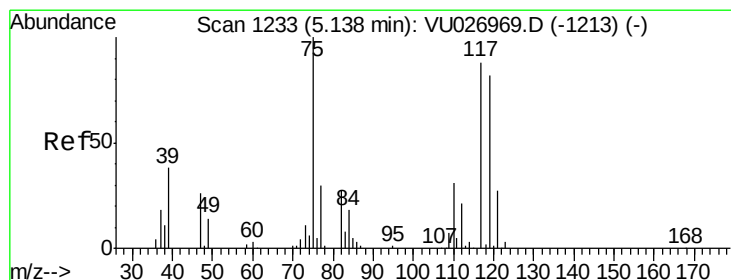
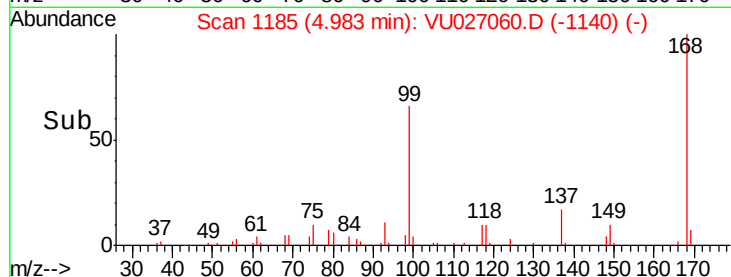
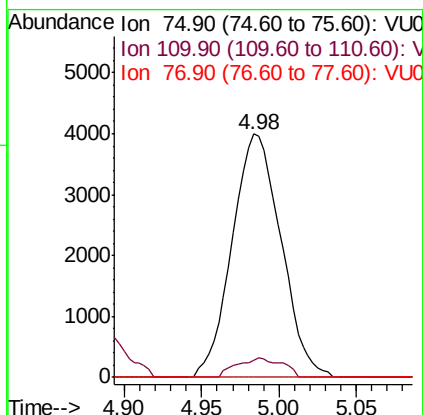
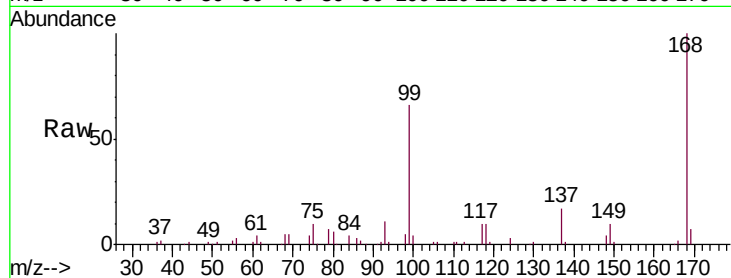




#36
 1,1-Dichloropropene
 Concen: 4.155 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU027060.D
 Acq: 23 Sep 2018 09:12

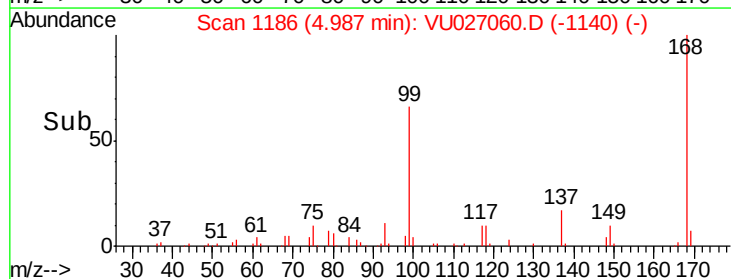
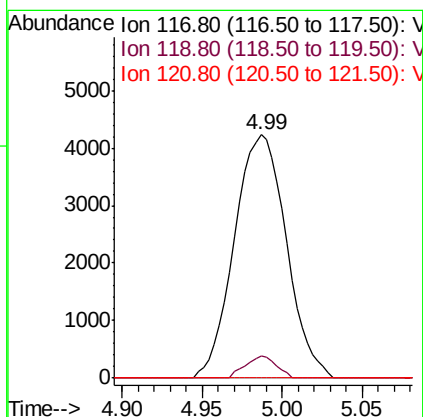
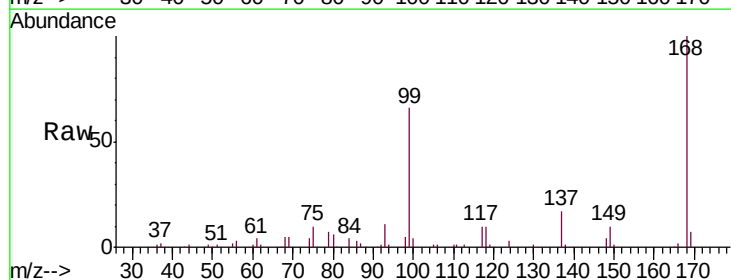
Instrument :
 MSVOA_U
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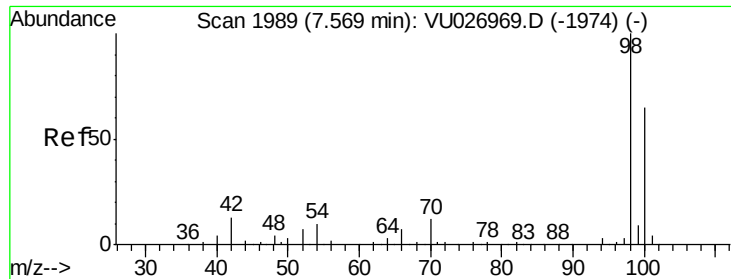
Tgt Ion: 75 Resp: 8775
 Ion Ratio Lower Upper
 75 100
 110 7.4 16.1 48.2#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 4.678 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027060.D
 Acq: 23 Sep 2018 09:12

Tgt Ion: 117 Resp: 9403
 Ion Ratio Lower Upper
 117 100
 119 8.9 74.4 111.6#
 121 0.0 24.2 36.4#

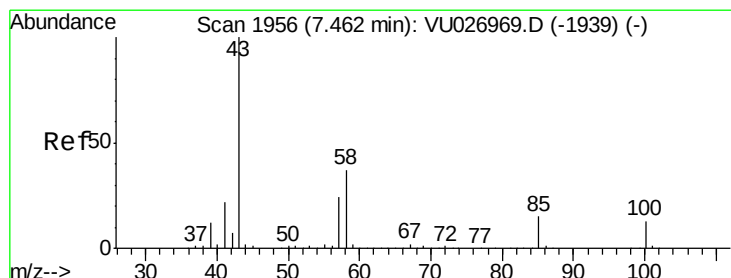
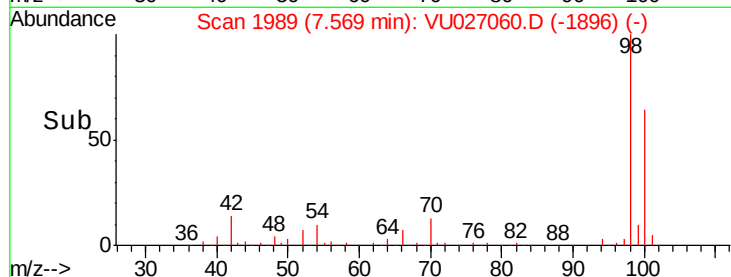
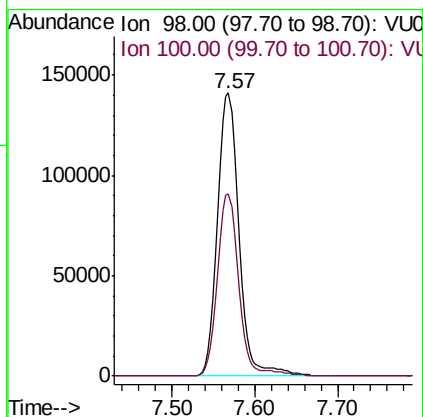
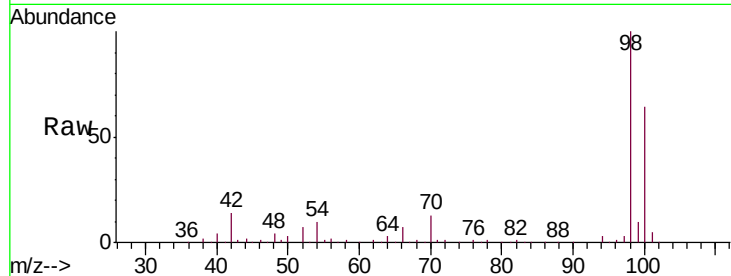




#50
Toluene-d8
Concen: 48.610 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027060.D
Acq: 23 Sep 2018 09:12

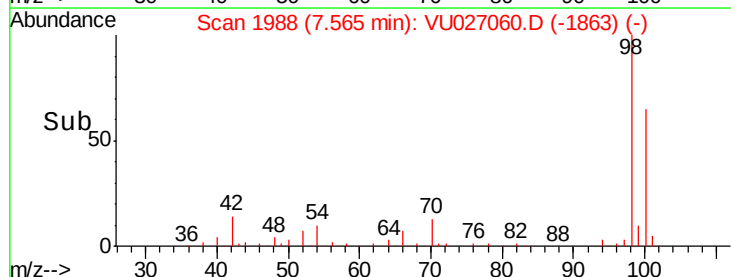
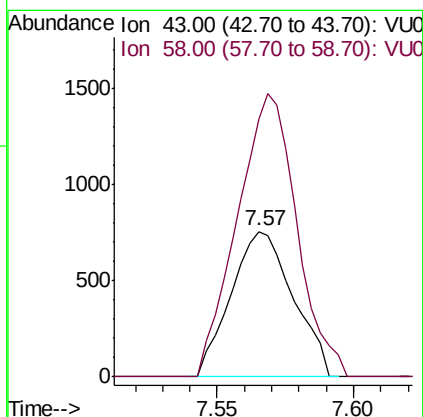
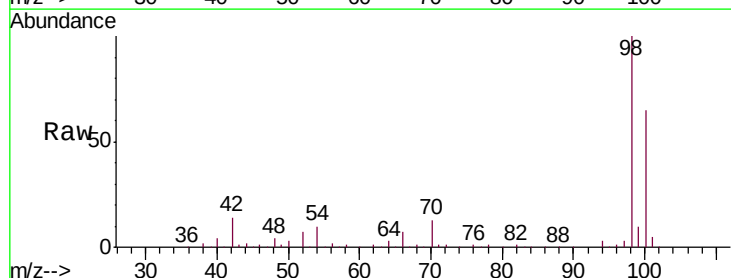
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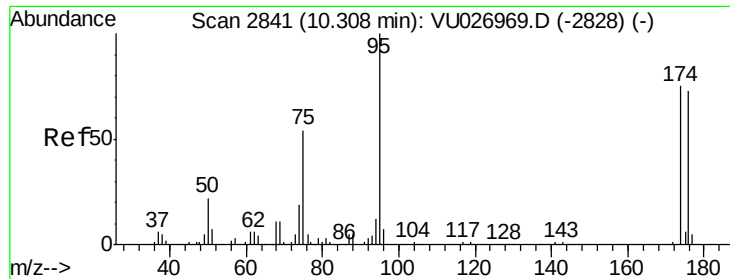
Tgt Ion: 98 Resp: 254119
Ion Ratio Lower Upper
98 100
100 63.9 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.426 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.10 min
Lab File: VU027060.D
Acq: 23 Sep 2018 09:12

Tgt Ion: 43 Resp: 1195
Ion Ratio Lower Upper
43 100
58 186.3 29.8 44.6#

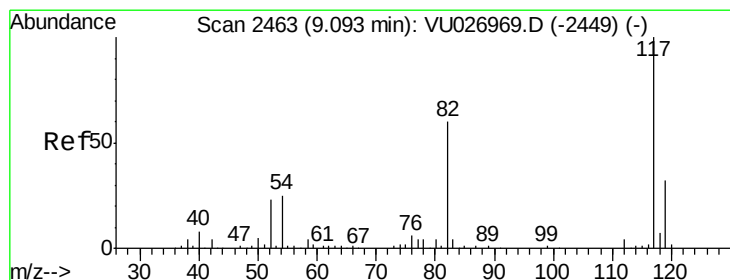
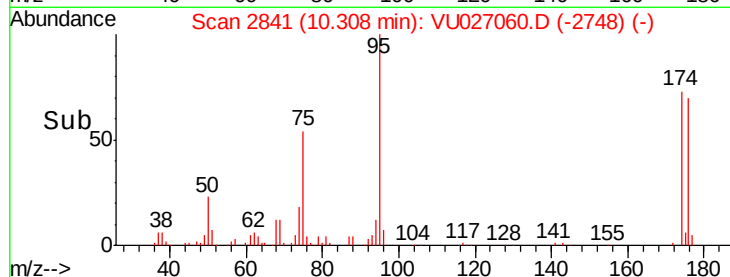
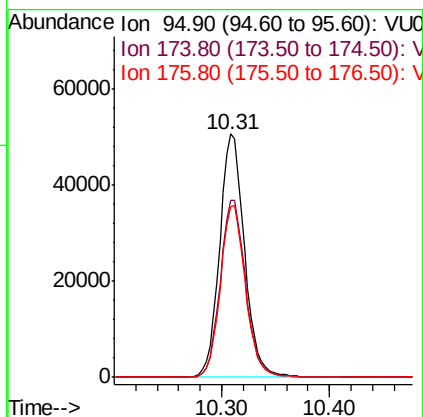
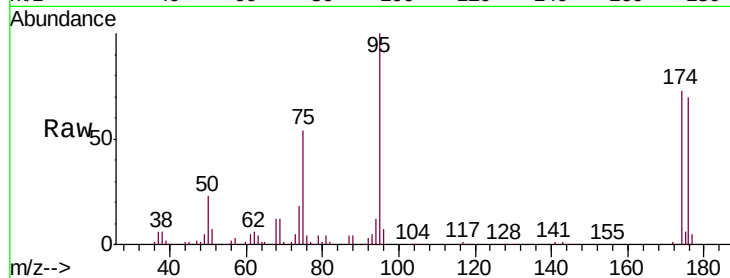




#62
4-Bromofluorobenzene
Concen: 45.236 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027060.D
Acq: 23 Sep 2018 09:12

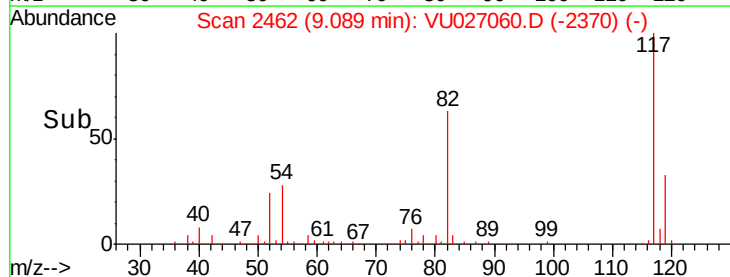
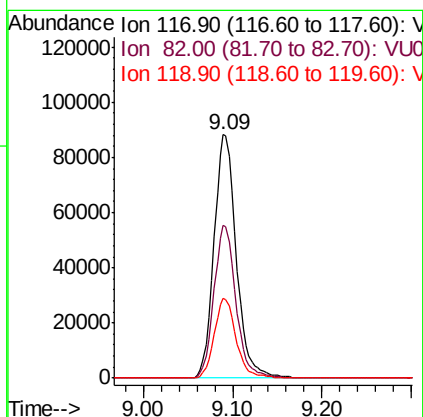
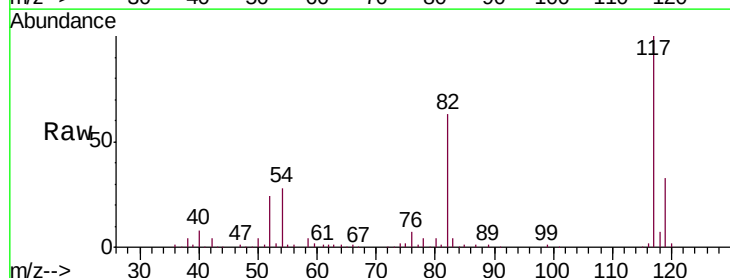
Instrument :
MSVOA_U
ClientSampleId :
SA-PZ123I1-20180914

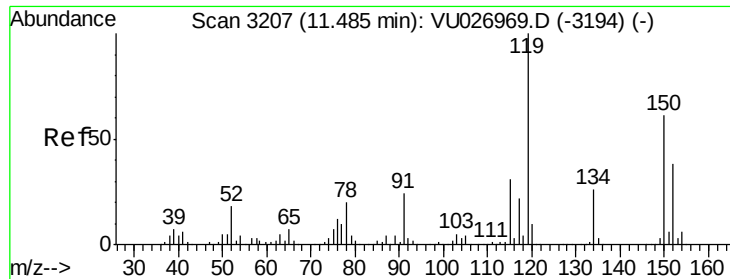
Tgt Ion: 95 Resp: 81145
Ion Ratio Lower Upper
95 100
174 74.5 0.0 150.2
176 71.0 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027060.D
Acq: 23 Sep 2018 09:12

Tgt Ion: 117 Resp: 153030
Ion Ratio Lower Upper
117 100
82 62.7 48.0 72.0
119 32.8 25.8 38.8

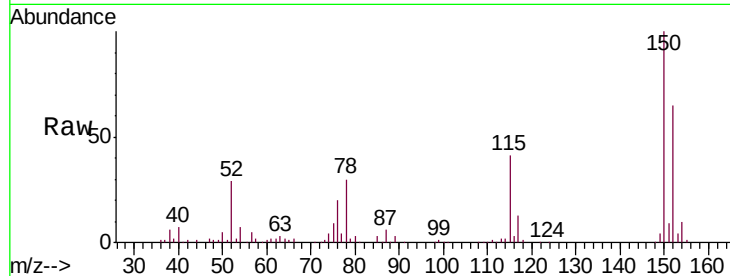




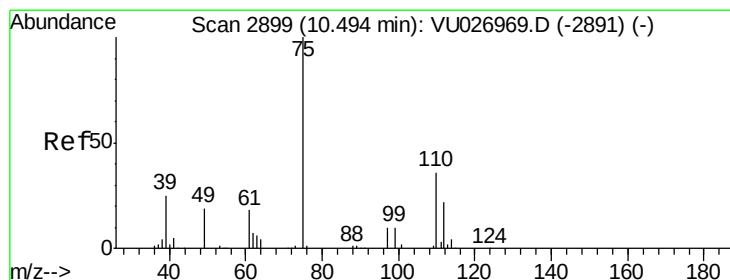
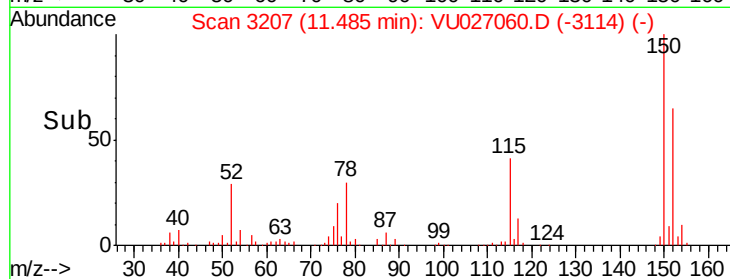
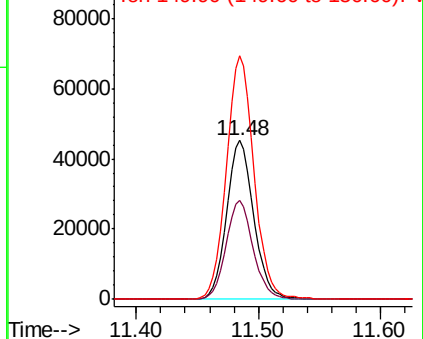
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.00 min
 Lab File: VU027060.D
 Acq: 23 Sep 2018 09:12

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ123I1-20180914

Tgt Ion: 152 Resp: 70335
 Ion Ratio Lower Upper
 152 100
 115 62.5 44.9 134.5
 150 156.1 0.0 355.8

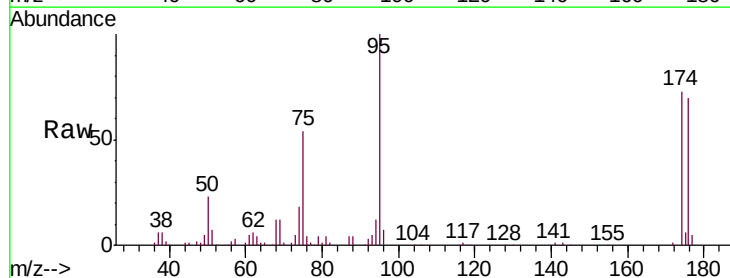


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

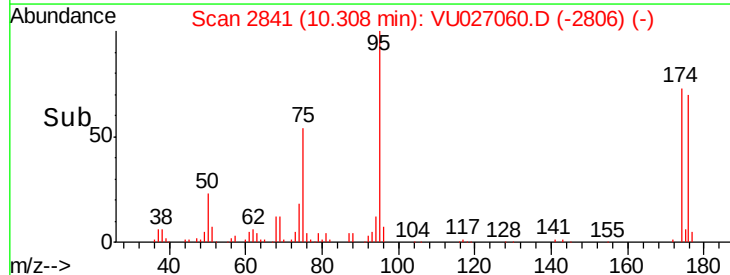
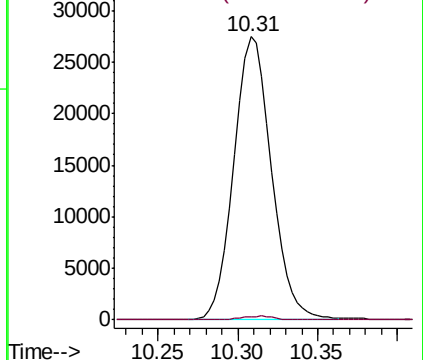


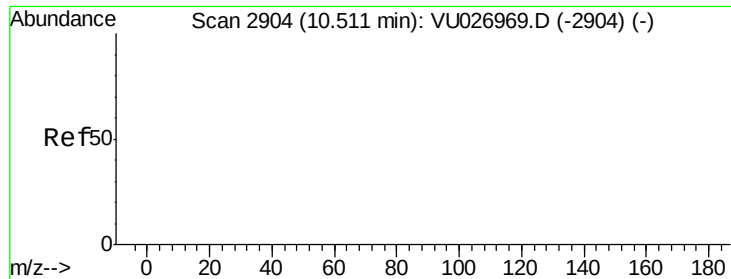
#76
 1,2,3-Trichloropropane
 Concen: 20.613 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.19 min
 Lab File: VU027060.D
 Acq: 23 Sep 2018 09:12

Tgt Ion: 75 Resp: 44046
 Ion Ratio Lower Upper
 75 100
 77 1.1 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: 65.967 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.21 min

Lab File: VU027060.D

Acq: 23 Sep 2018 09:12

Instrument :

MSVOA_U

ClientSampleId :

SA-PZ12311-20180914

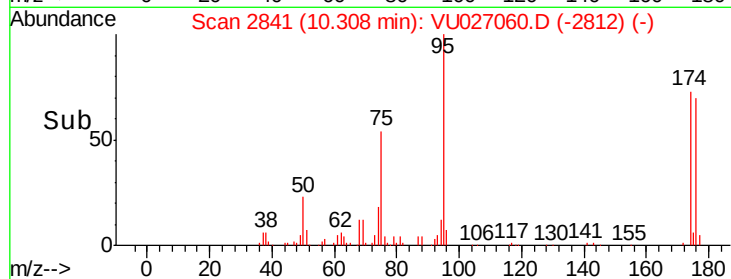
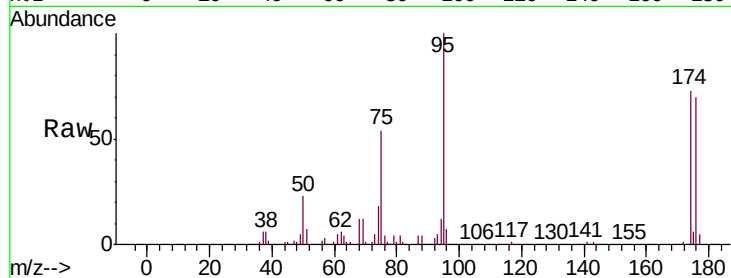
Tgt Ion: 75 Resp: 44046

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0

