

Data File : VU027027.D
Acq On : 22 Sep 2018 19:41
Operator : MD/SY
Sample : J4934-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 67 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
SA-MW128D-20180912

Quant Time: Sep 24 02:53:01 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	95187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	158515	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	150753	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	70939	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	95908	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
35) Dibromofluoromethane	4.88	113	66946	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
50) Toluene-d8	7.57	98	253969	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
62) 4-Bromofluorobenzene	10.31	95	80755	44.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.88%	

Target Compounds

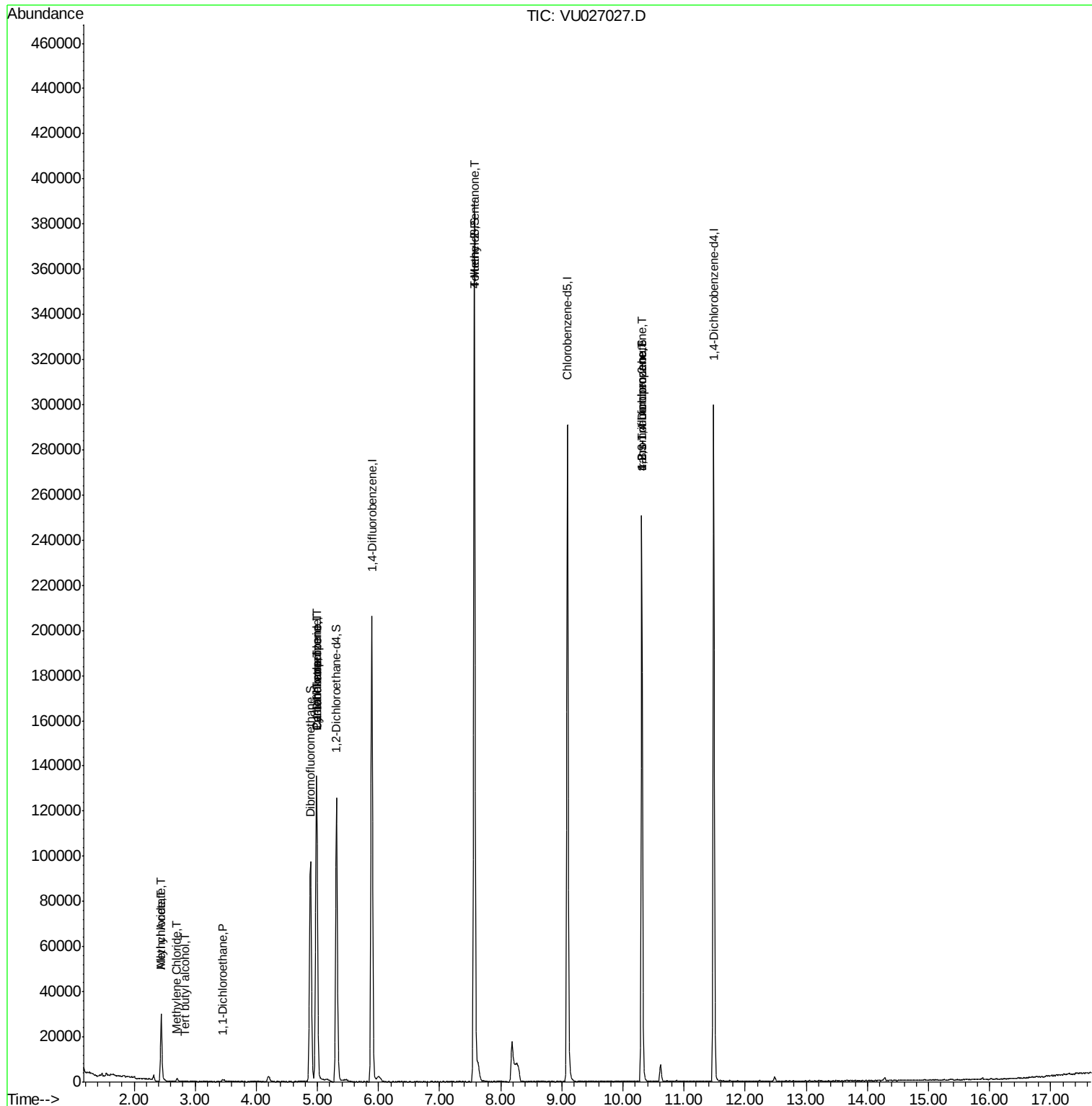
						Qvalue
11) Tert butyl alcohol	2.83	59	102	0.232	ug/l #	72
14) Allyl chloride	2.44	41	2799	1.050	ug/l #	65
16) Acetone	2.32	43	2682	Below Cal		97
18) Methyl Acetate	2.44	43	7445	2.730	ug/l #	55
20) Methylene Chloride	2.70	84	499	0.291	ug/l #	83
24) 1,1-Dichloroethane	3.44	63	1279	0.407	ug/l #	84
31) Cyclohexane	4.98	56	2339	0.247	ug/l #	1
36) 1,1-Dichloropropene	4.99	75	9216	4.356	ug/l #	49
38) Carbon Tetrachloride	4.99	117	9903	4.919	ug/l #	18
51) 4-Methyl-2-Pentanone	7.57	43	1286	0.458	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	44018	20.425	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	44018	65.364	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: VU027027.D

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Instrument :

MSVOA_U

ClientSampleId :

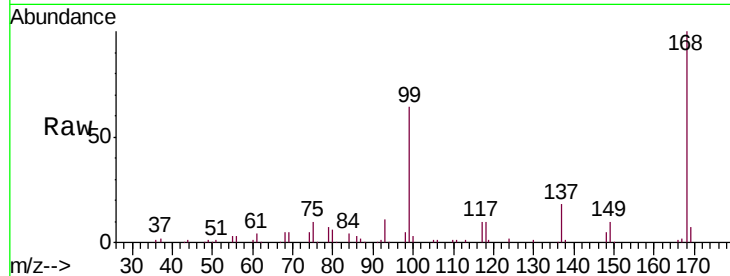
SA-MW128D-20180912

Tgt Ion:168 Resp: 95187

Ion Ratio Lower Upper

168 100

99 63.8 48.1 72.1



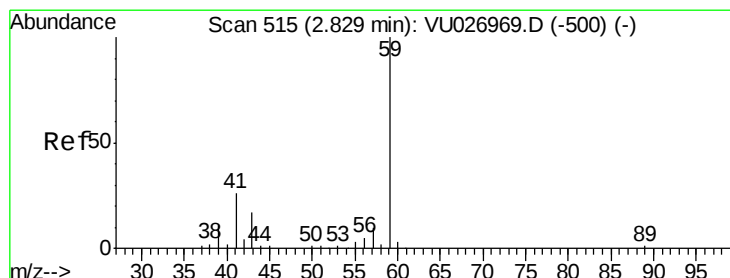
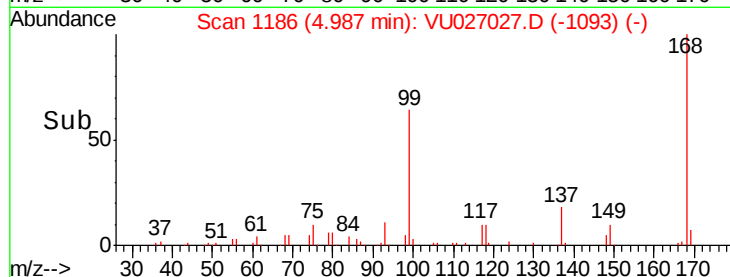
Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

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

4.99

4.95 5.00 5.05

Time-->



#11

Tert butyl alcohol

Concen: 0.232 ug/l

RT: 2.83 min Scan# 516

Delta R.T. 0.00 min

Lab File: VU027027.D

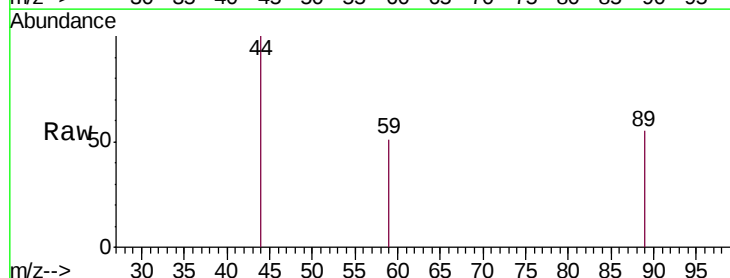
Acq: 22 Sep 2018 19:41

Tgt Ion: 59 Resp: 102

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



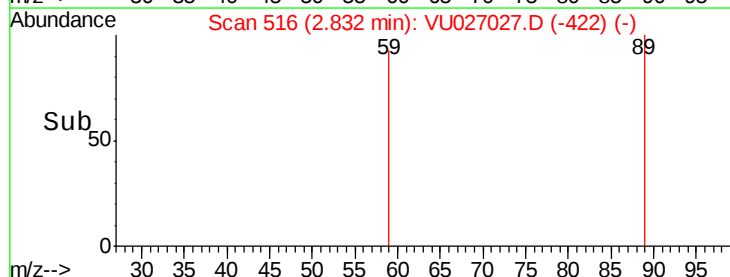
Abundance Ion 59.00 (58.70 to 59.70): VU026969.D (-500) (-)

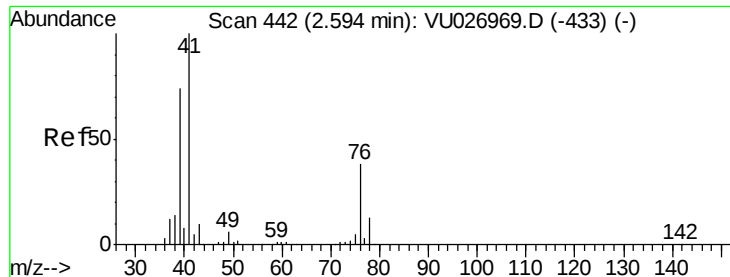
Ion 57.00 (56.70 to 57.70): VU026969.D (-500) (-)

2.83

2.82 2.83 2.84 2.85

Time-->

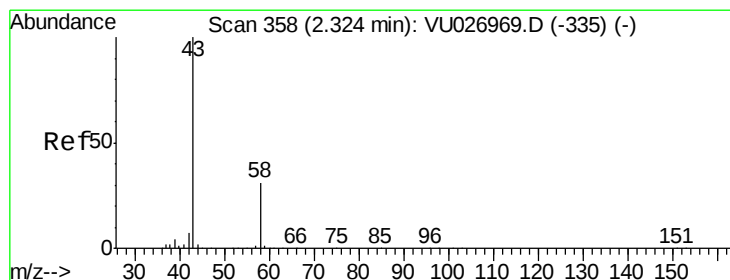
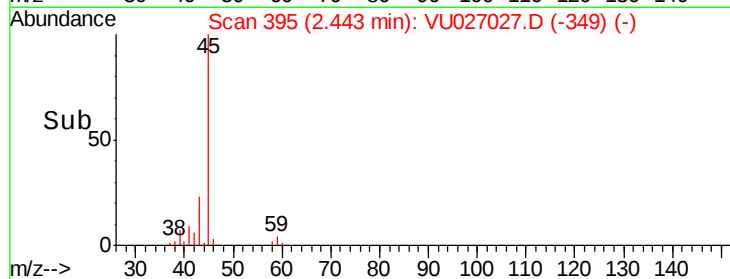
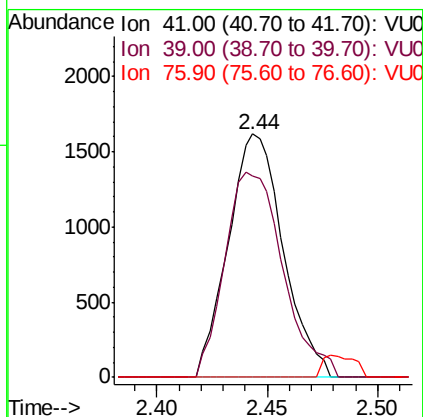
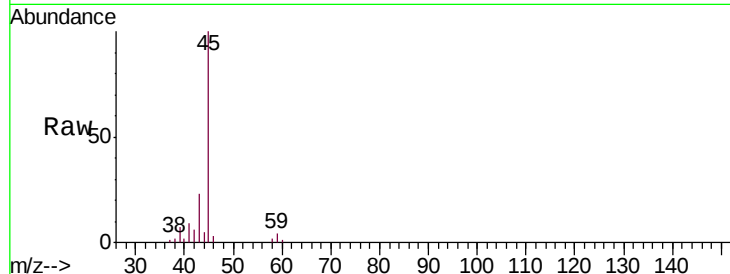




#14
 Allyl chloride
 Concen: 1.050 ug/l
 RT: 2.44 min Scan# 395
 Delta R.T. -0.15 min
 Lab File: VU027027.D
 Acq: 22 Sep 2018 19:41

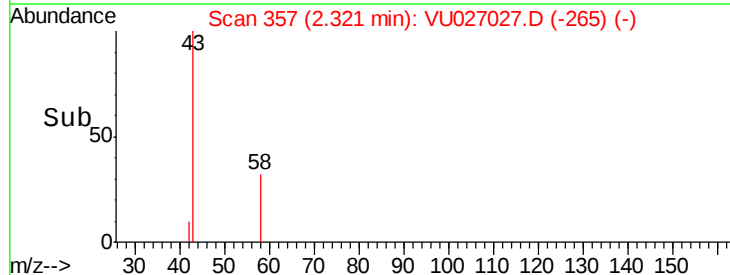
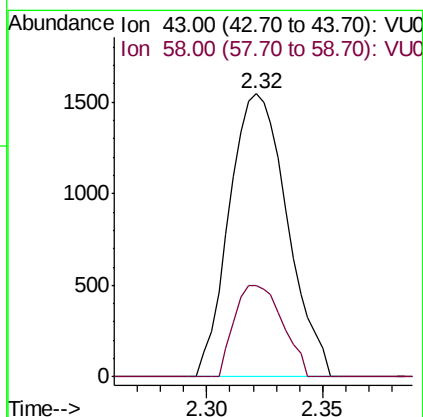
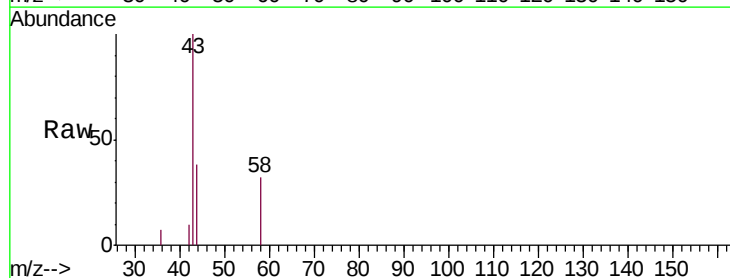
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-MW128D-20180912

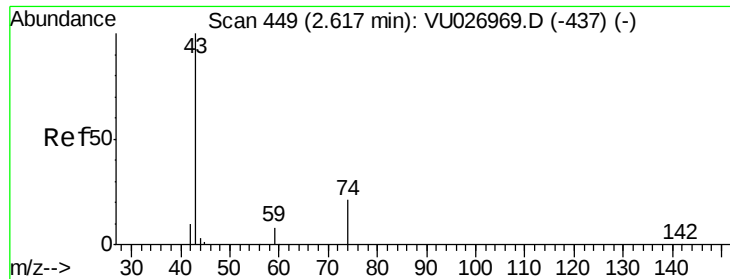
Tgt Ion: 41 Resp: 2799
 Ion Ratio Lower Upper
 41 100
 39 89.3 55.7 83.5#
 76 0.0 26.5 39.7#



#16
 Acetone
 Concen: Below Cal
 RT: 2.32 min Scan# 357
 Delta R.T. -0.00 min
 Lab File: VU027027.D
 Acq: 22 Sep 2018 19:41

Tgt Ion: 43 Resp: 2682
 Ion Ratio Lower Upper
 43 100
 58 32.2 24.6 36.8

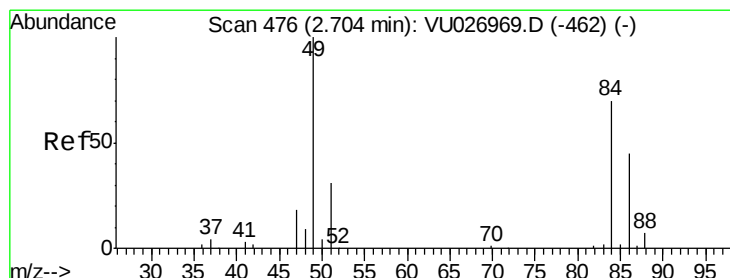
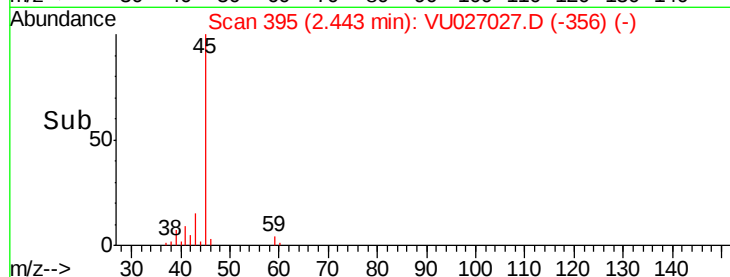
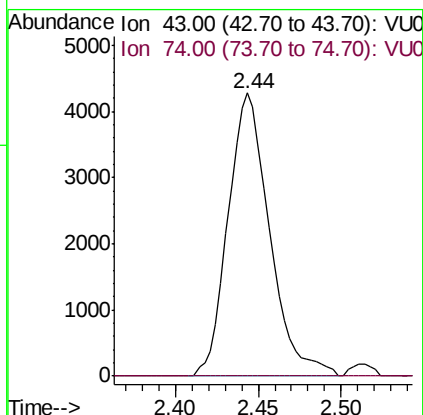
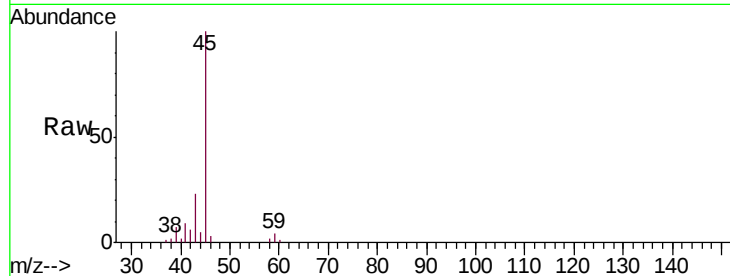




#18
Methyl Acetate
Concen: 2.730 ug/l
RT: 2.44 min Scan# 395
Delta R.T. -0.17 min
Lab File: VU027027.D
Acq: 22 Sep 2018 19:41

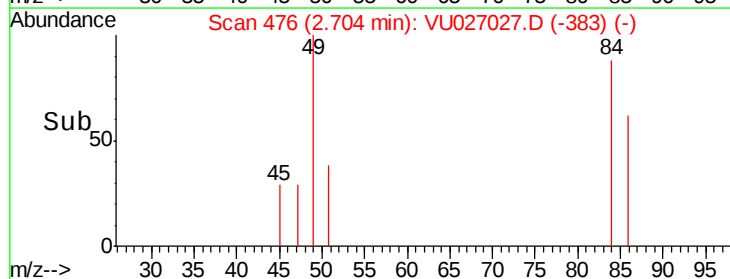
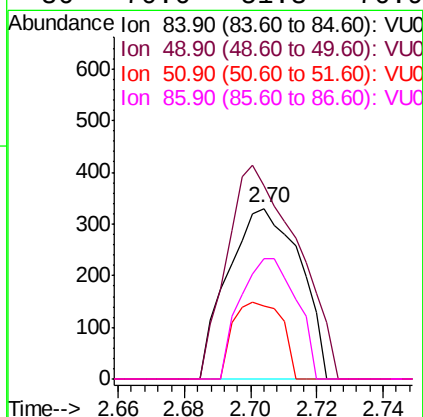
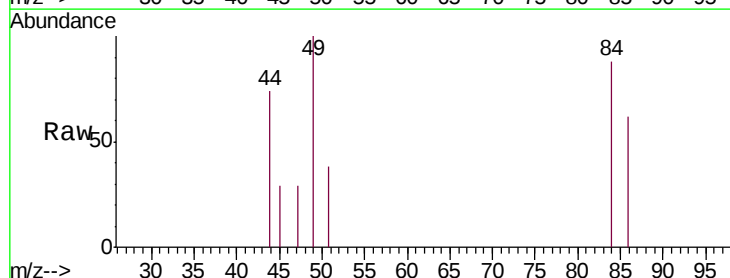
Instrument :
MSVOA_U
ClientSampleId :
SA-MW128D-20180912

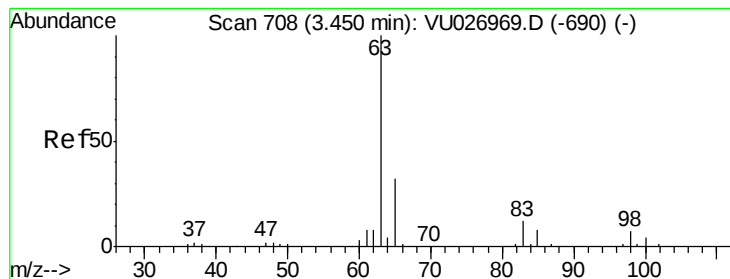
Tgt Ion: 43 Resp: 7445
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#



#20
Methylene Chloride
Concen: 0.291 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027027.D
Acq: 22 Sep 2018 19:41

Tgt Ion: 84 Resp: 499
Ion Ratio Lower Upper
84 100
49 113.0 114.9 172.3#
51 43.0 35.8 53.8
86 70.6 51.3 76.9





#24

1,1-Dichloroethane

Concen: 0.407 ug/l

RT: 3.44 min Scan# 706

Delta R.T. -0.01 min

Lab File: VU027027.D

Acq: 22 Sep 2018 19:41

Instrument :

MSVOA_U

ClientSampleId :

SA-MW128D-20180912

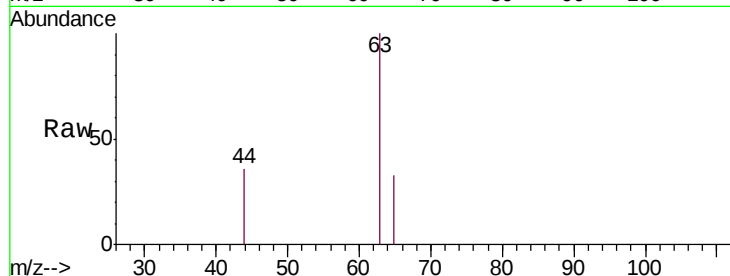
Tgt Ion: 63 Resp: 1279

Ion Ratio Lower Upper

63 100

98 0.0 3.3 9.8#

100 0.0 2.0 5.8#



Abundance Ion 62.90 (62.60 to 63.60): VU026969.D (-690) (-)

Ion 97.90 (97.60 to 98.60): VU026969.D (-690) (-)

Ion 99.90 (99.60 to 100.60): VU026969.D (-690) (-)

3.44

600

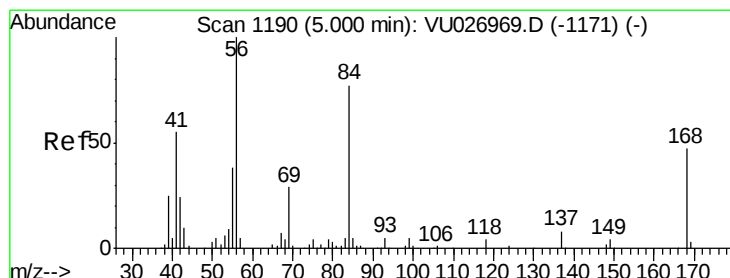
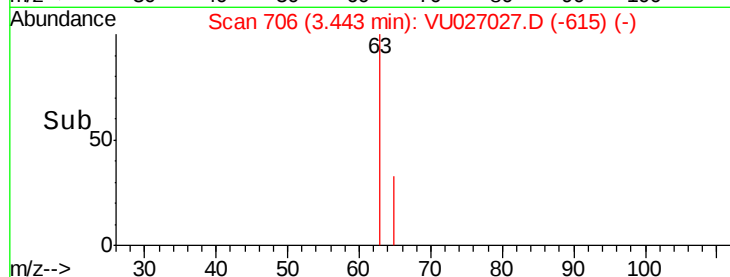
400

200

0

3.40 3.45 3.50

Time-->



#31

Cyclohexane

Concen: 0.247 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.02 min

Lab File: VU027027.D

Acq: 22 Sep 2018 19:41

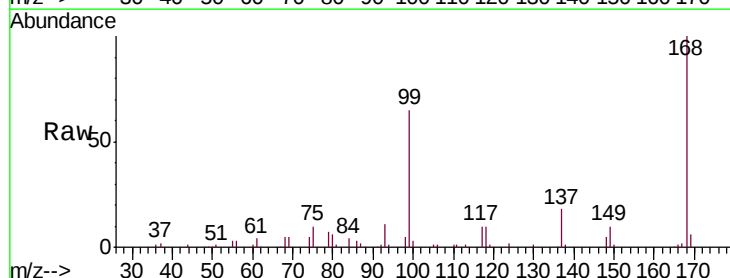
Tgt Ion: 56 Resp: 2339

Ion Ratio Lower Upper

56 100

69 180.1 23.0 34.4#

84 136.4 61.4 92.2#



Abundance Ion 56.00 (55.70 to 56.70): VU026969.D (-1171) (-)

Ion 69.00 (68.70 to 69.70): VU026969.D (-1171) (-)

Ion 84.00 (83.70 to 84.70): VU026969.D (-1171) (-)

4.98

2500

2000

1500

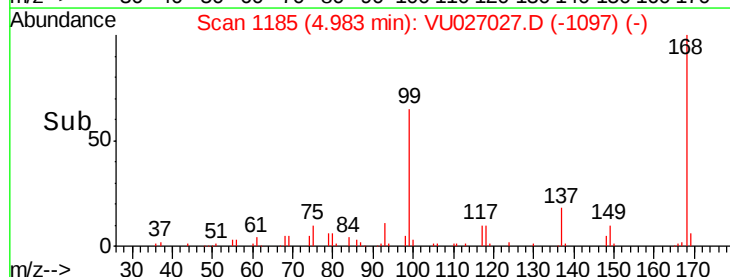
1000

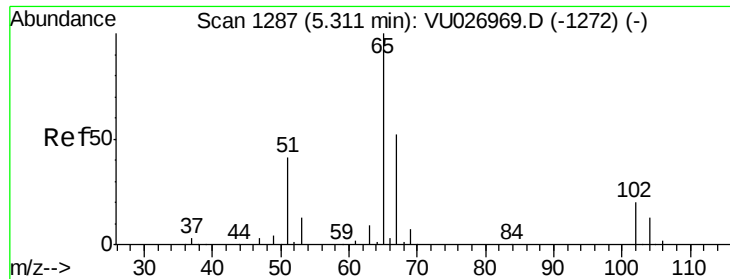
500

0

4.95 5.00 5.05

Time-->

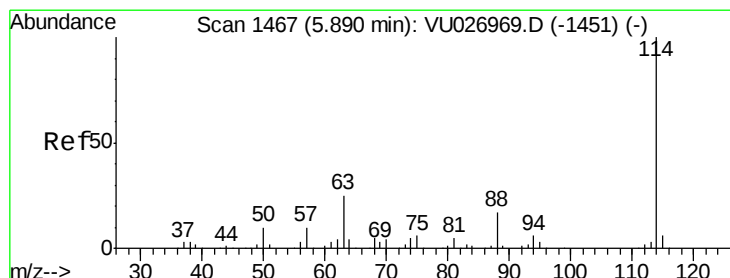
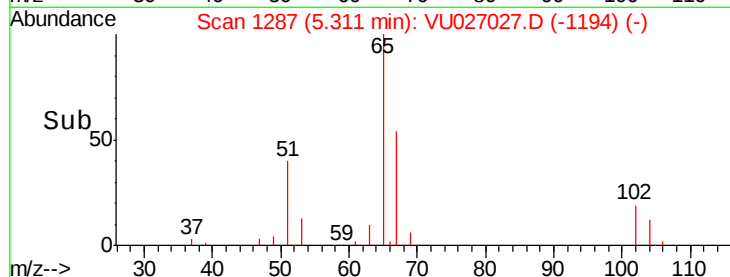
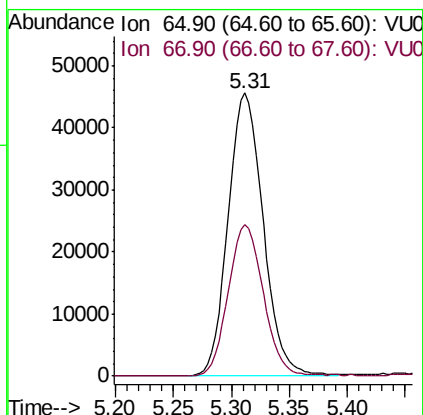
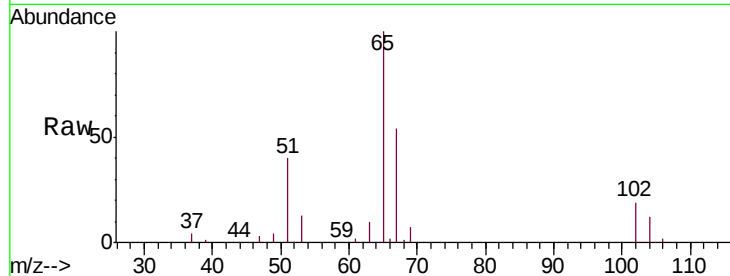




#33
 1,2-Dichloroethane-d4
 Concen: 50.062 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027027.D
 Acq: 22 Sep 2018 19:41

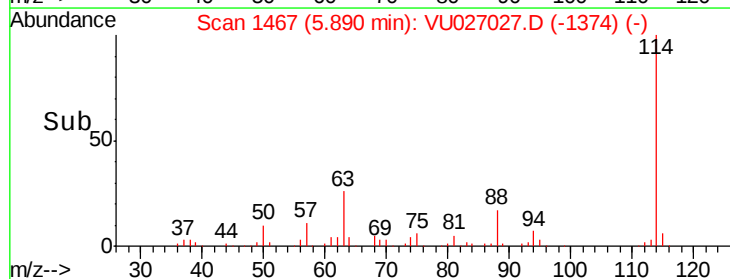
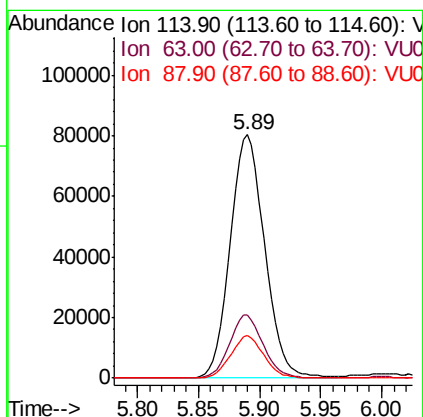
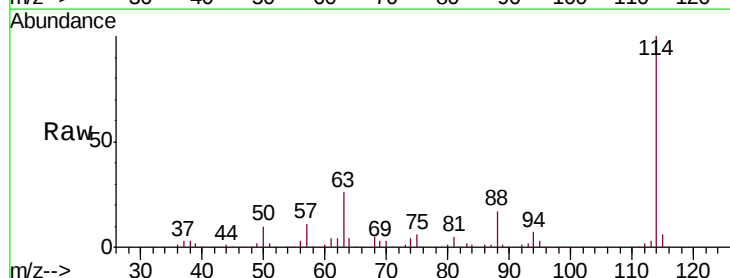
Instrument :
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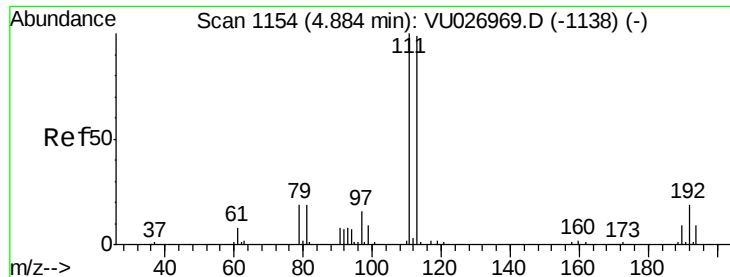
Tgt Ion: 65 Resp: 95908
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027027.D
 Acq: 22 Sep 2018 19:41

Tgt Ion: 114 Resp: 158515
 Ion Ratio Lower Upper
 114 100
 63 25.7 0.0 49.2
 88 17.3 0.0 33.8

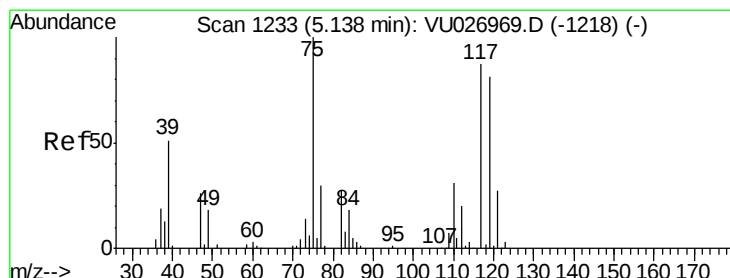
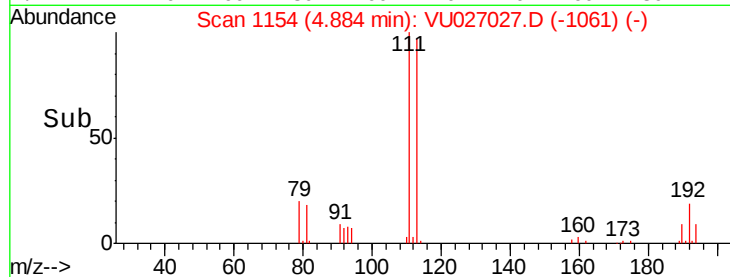
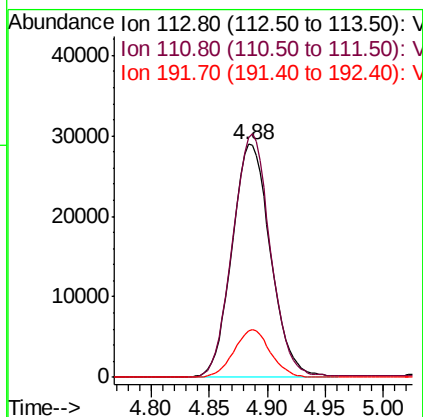
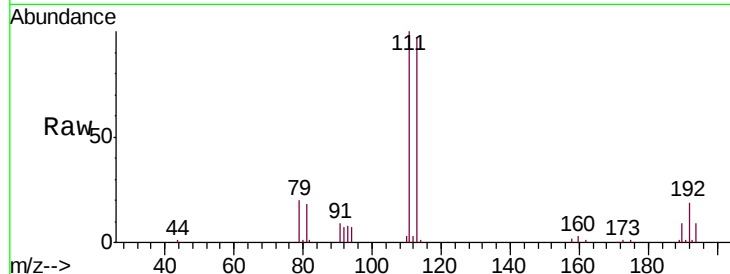




#35
 Dibromofluoromethane
 Concen: 48.723 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027027.D
 Acq: 22 Sep 2018 19:41

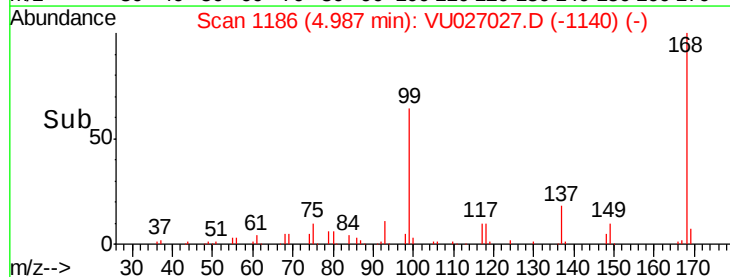
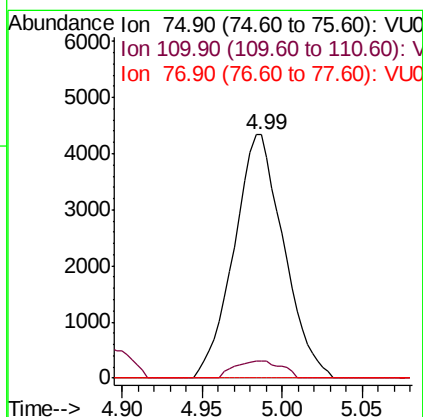
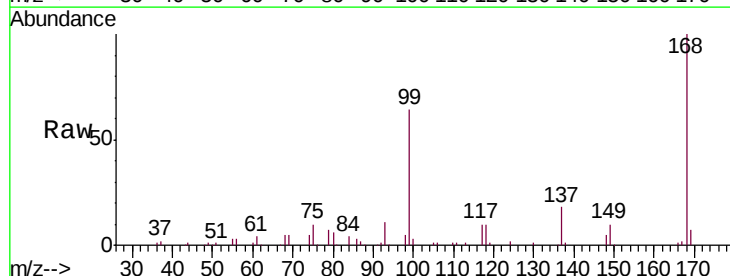
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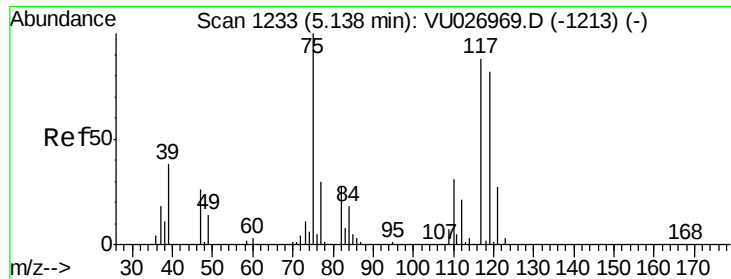
Tgt Ion:113 Resp: 66946
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.2 123.4
 192 19.2 15.2 22.8



#36
 1,1-Dichloropropene
 Concen: 4.356 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027027.D
 Acq: 22 Sep 2018 19:41

Tgt Ion: 75 Resp: 9216
 Ion Ratio Lower Upper
 75 100
 110 6.7 16.1 48.2#
 77 0.0 24.6 36.8#

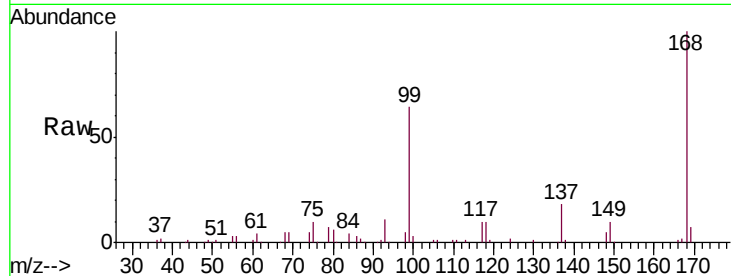




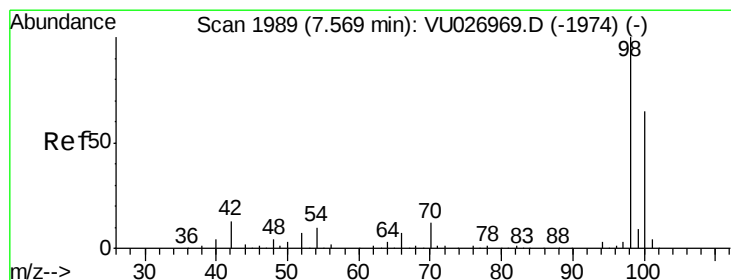
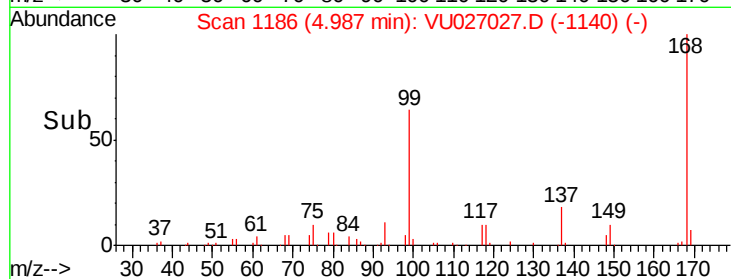
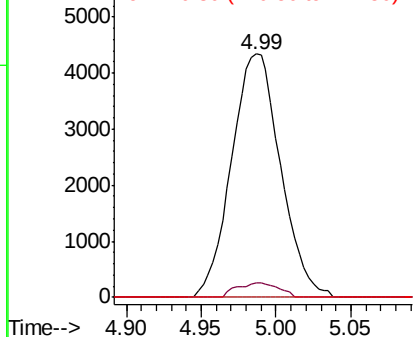
#38
Carbon Tetrachloride
Concen: 4.919 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.15 min
Lab File: VU027027.D
Acq: 22 Sep 2018 19:41

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:117 Resp: 9903
Ion Ratio Lower Upper
117 100
119 6.0 74.4 111.6#
121 0.0 24.2 36.4#

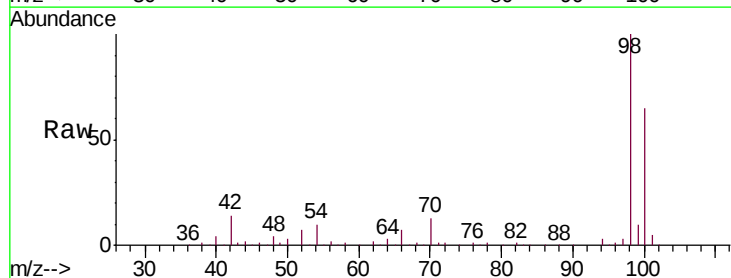


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

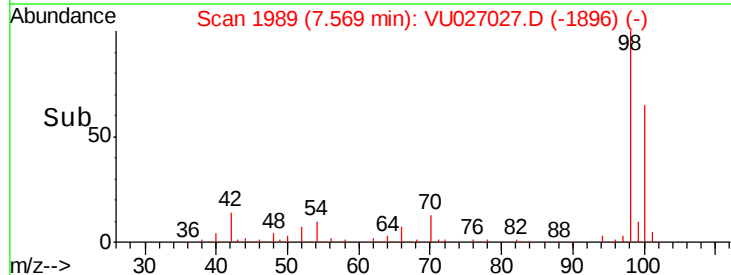
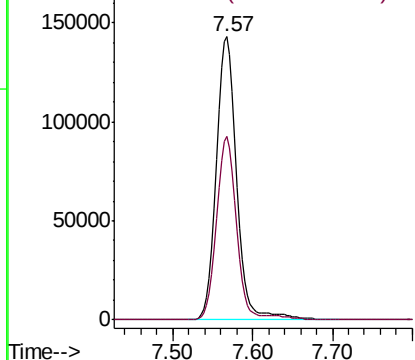


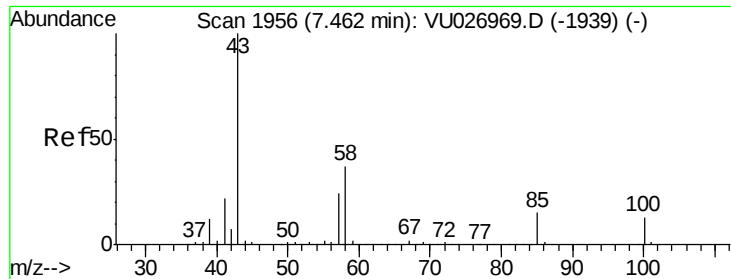
#50
Toluene-d8
Concen: 48.501 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027027.D
Acq: 22 Sep 2018 19:41

Tgt Ion: 98 Resp: 253969
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1



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

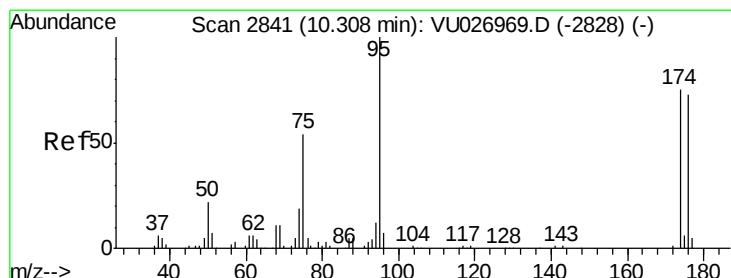
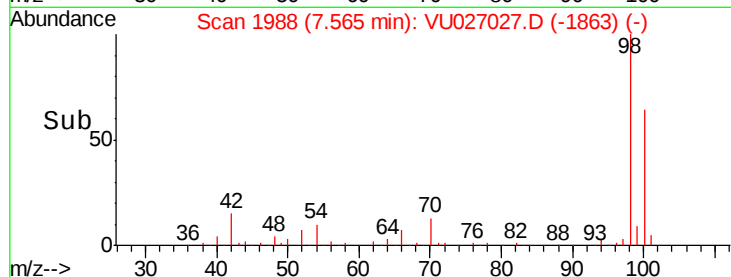
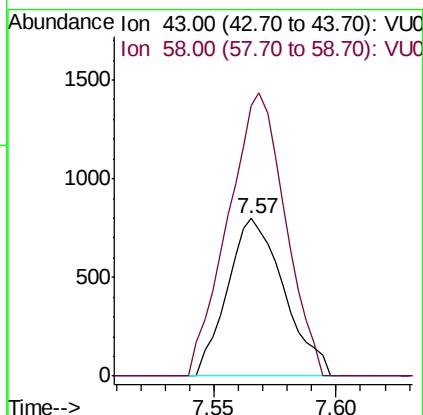
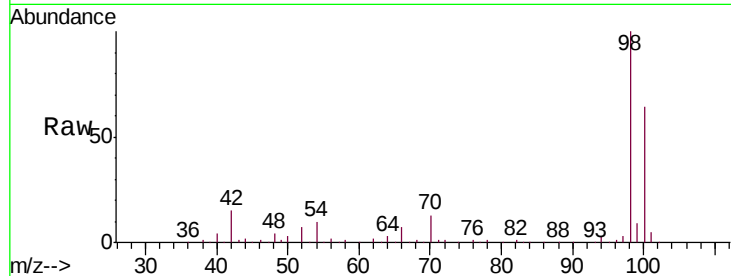




#51
 4-Methyl-2-Pentanone
 Concen: 0.458 ug/l
 RT: 7.57 min Scan# 1988
 Delta R.T. 0.10 min
 Lab File: VU027027.D
 Acq: 22 Sep 2018 19:41

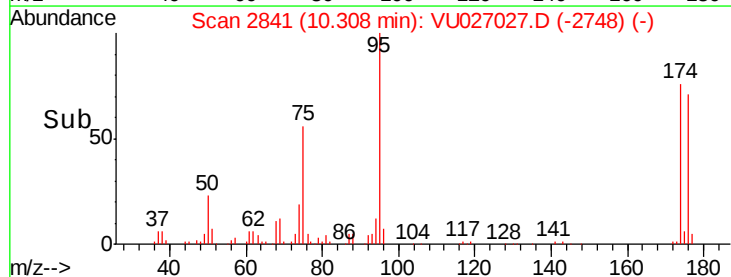
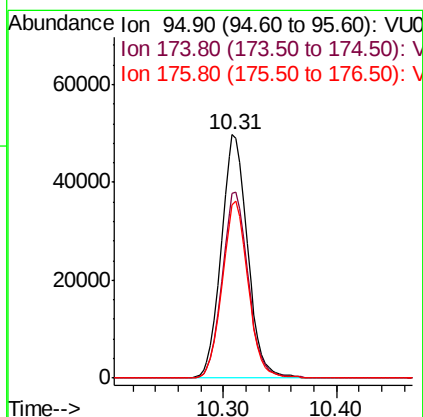
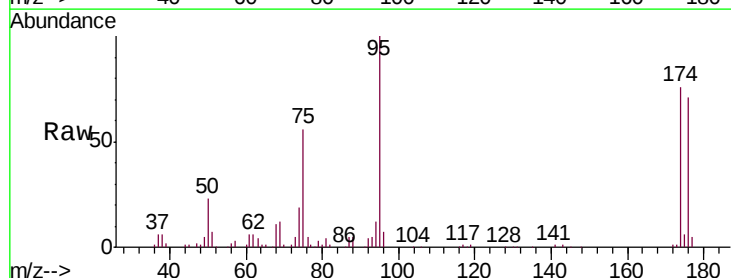
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-MW128D-20180912

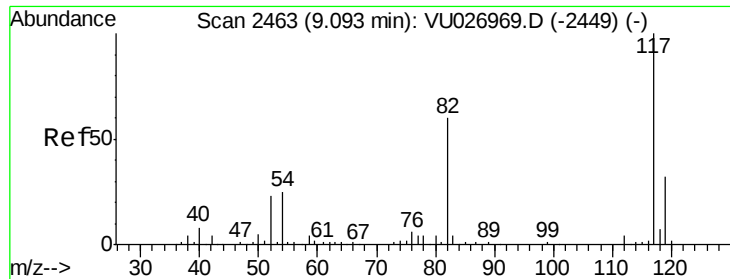
Tgt Ion: 43 Resp: 1286
 Ion Ratio Lower Upper
 43 100
 58 181.4 29.8 44.6#



#62
 4-Bromofluorobenzene
 Concen: 44.944 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027027.D
 Acq: 22 Sep 2018 19:41

Tgt Ion: 95 Resp: 80755
 Ion Ratio Lower Upper
 95 100
 174 75.5 0.0 150.2
 176 71.4 0.0 145.2

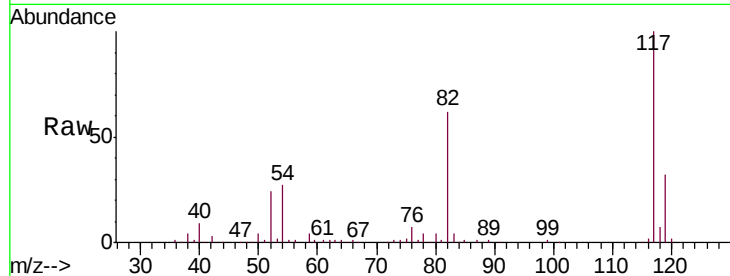




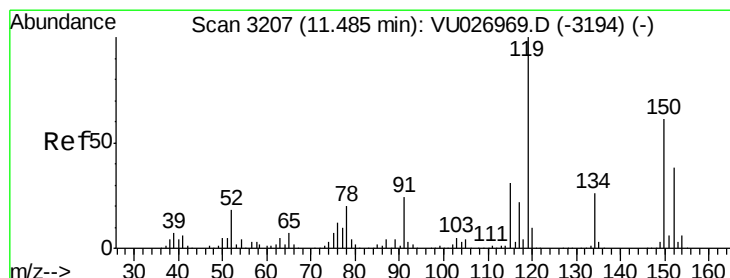
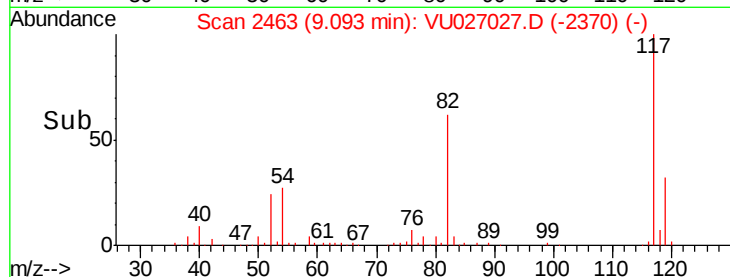
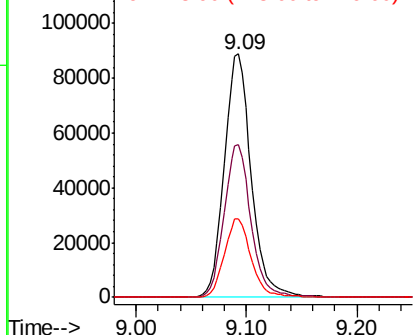
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: VU027027.D
 Acq: 22 Sep 2018 19:41

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-MW128D-20180912

Tgt Ion:117 Resp: 150753
 Ion Ratio Lower Upper
 117 100
 82 62.5 48.0 72.0
 119 32.2 25.8 38.8

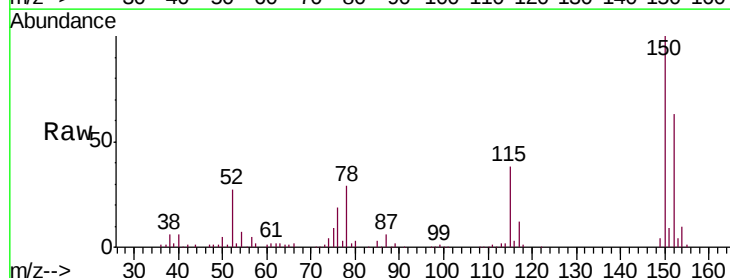


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): VU0
 Ion 118.90 (118.60 to 119.60): V

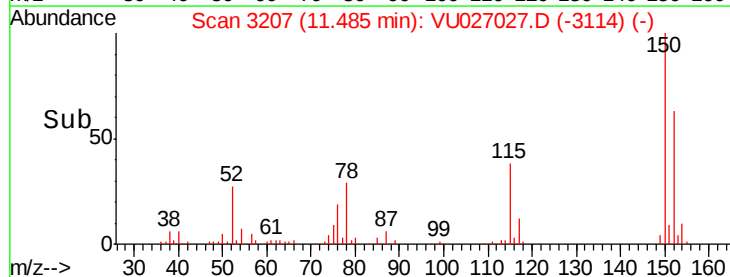
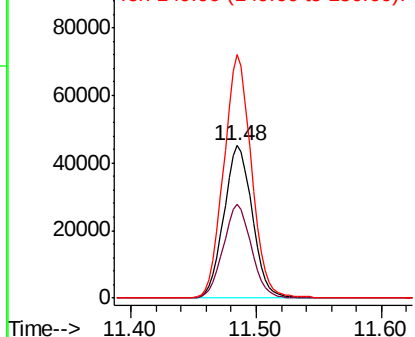


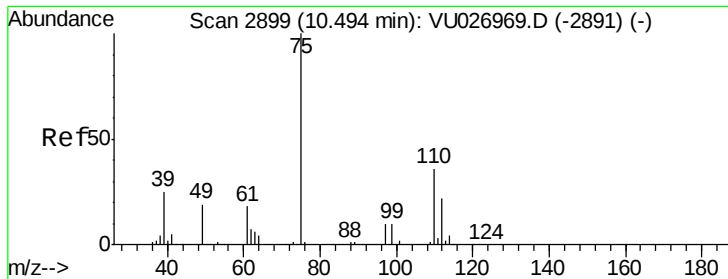
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.00 min
 Lab File: VU027027.D
 Acq: 22 Sep 2018 19:41

Tgt Ion:152 Resp: 70939
 Ion Ratio Lower Upper
 152 100
 115 60.6 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





#76

1,2,3-Trichloropropane

Concen: 20.425 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027027.D

Acq: 22 Sep 2018 19:41

Instrument :

MSVOA_U

ClientSampleId :

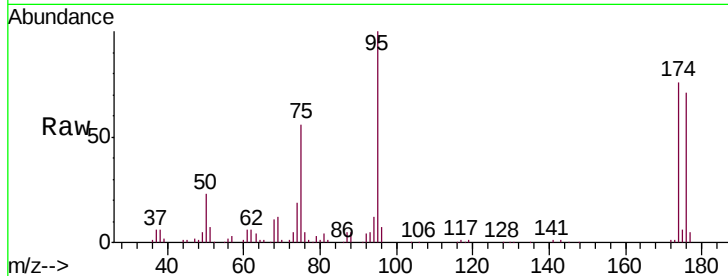
SA-MW128D-20180912

Tgt Ion: 75 Resp: 44018

Ion Ratio Lower Upper

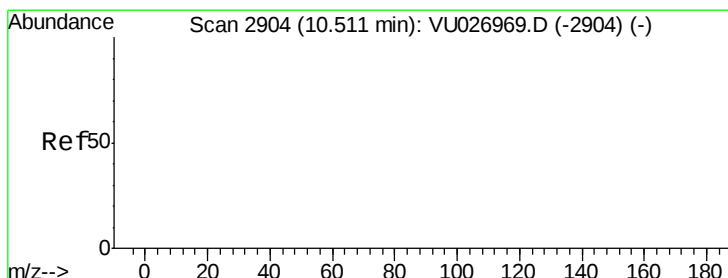
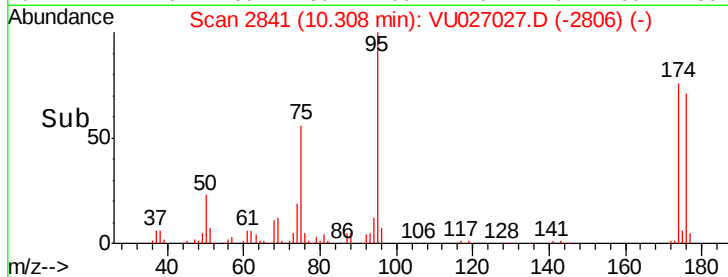
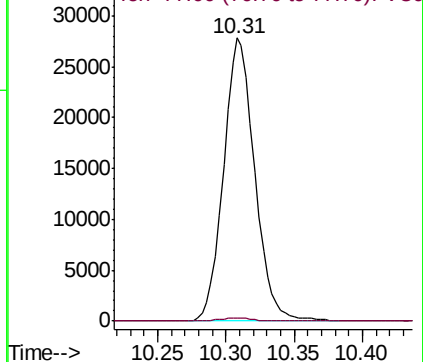
75 100

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: 65.364 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.21 min

Lab File: VU027027.D

Acq: 22 Sep 2018 19:41

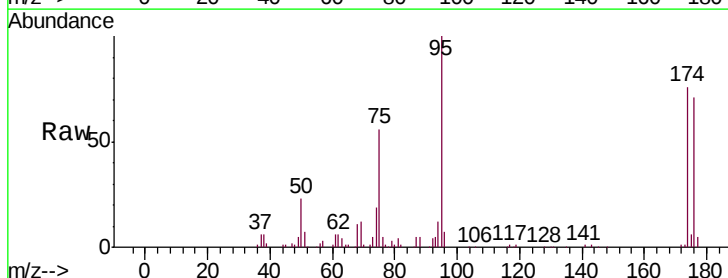
Tgt Ion: 75 Resp: 44018

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

