

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092018\
 Data File : VU026913.D
 Acq On : 19 Sep 2018 21:35
 Operator : MD/SY
 Sample : J4934-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-MW185I-20180912

Quant Time: Sep 20 05:36:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U091218W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 05:32:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	79999	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	136206	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	136739	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	72189	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	69930	57.62	ug/l	0.00
Spiked Amount			Recovery	=	115.24%	
35) Dibromofluoromethane	4.88	113	61953	55.76	ug/l	0.00
Spiked Amount			Recovery	=	111.52%	
50) Toluene-d8	7.57	98	202766	49.34	ug/l	0.00
Spiked Amount			Recovery	=	98.68%	
62) 4-Bromofluorobenzene	10.31	95	68011	45.67	ug/l	0.00
Spiked Amount			Recovery	=	91.34%	

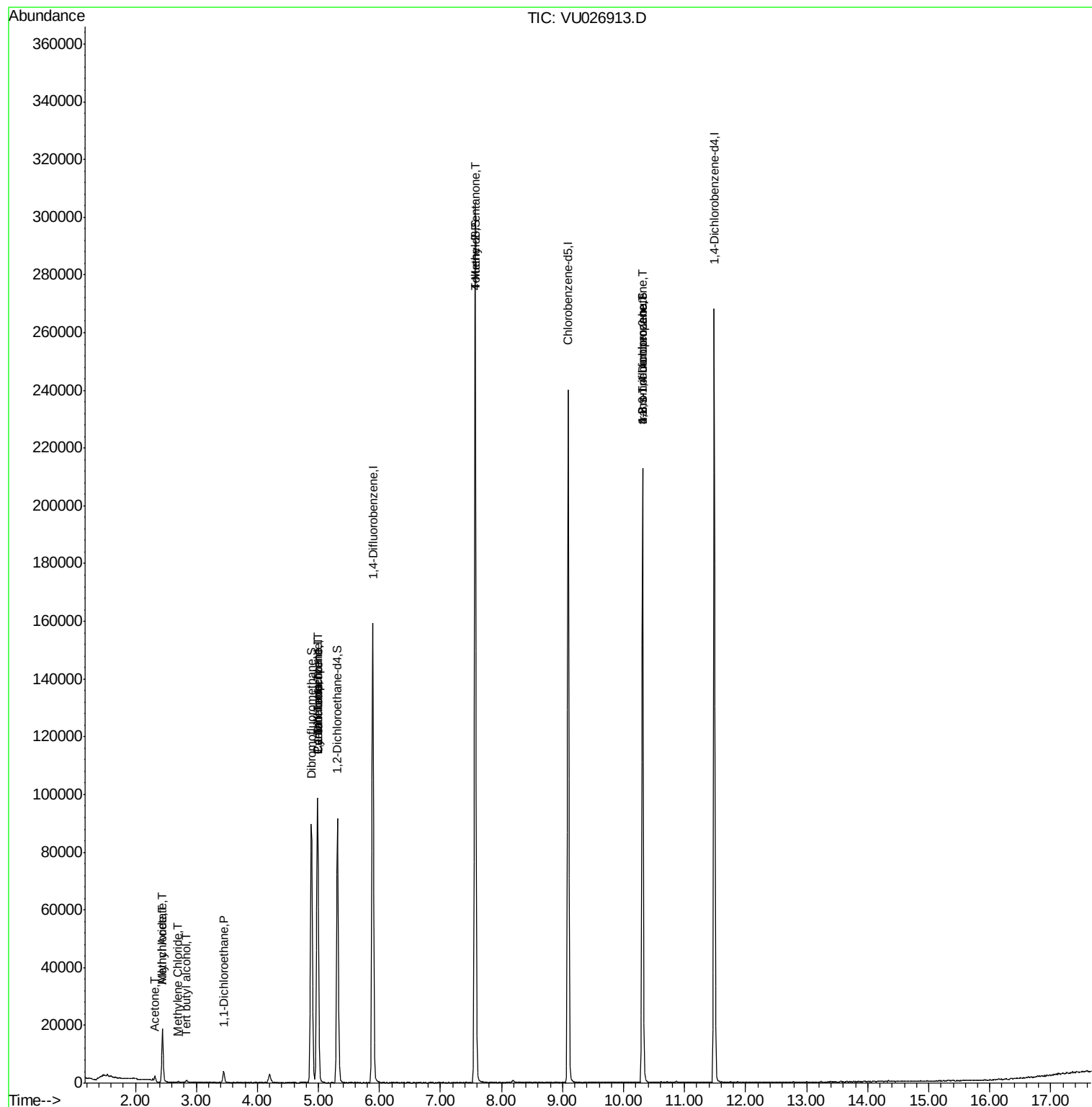
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	2.83	59	493	1.667	ug/l #	73
14) Allyl chloride	2.44	41	1917	1.159	ug/l #	72
16) Acetone	2.32	43	2151	3.131	ug/l	93
18) Methyl Acetate	2.44	43	4712	3.178	ug/l #	54
20) Methylene Chloride	2.70	84	236	0.212	ug/l #	59
24) 1,1-Dichloroethane	3.45	63	4528	2.325	ug/l	99
31) Cyclohexane	4.98	56	1312	0.558	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	5676	3.712	ug/l #	47
38) Carbon Tetrachloride	4.99	117	6937	4.294	ug/l #	16
51) 4-Methyl-2-Pentanone	7.57	43	787	0.420	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	33073	20.452	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	33073	63.175	ug/l #	100

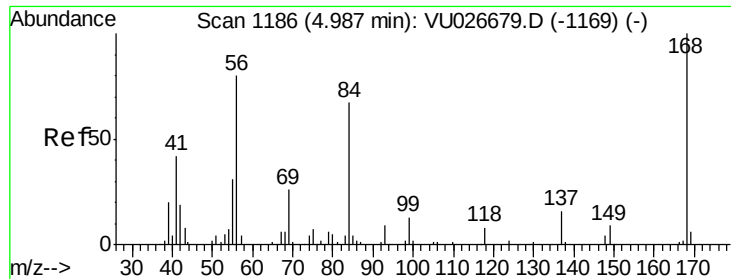
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU026913.D

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MSVOA_U

ClientSampleId :

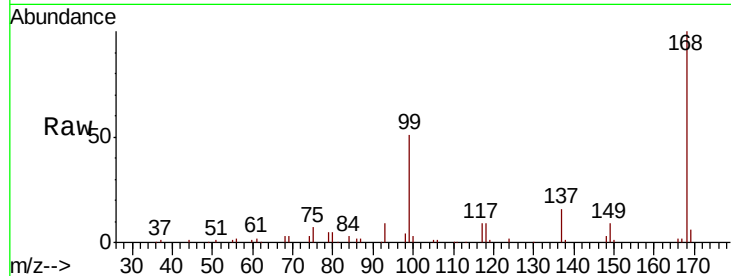
SA-MW185I-20180912

Tgt Ion:168 Resp: 79999

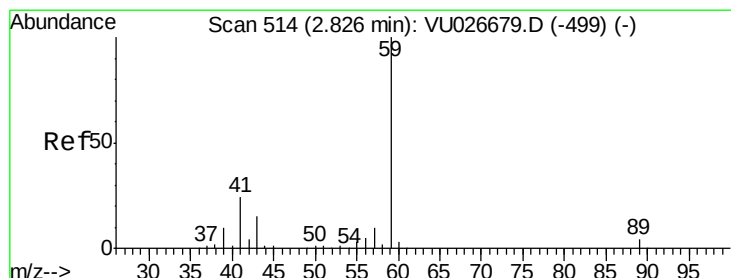
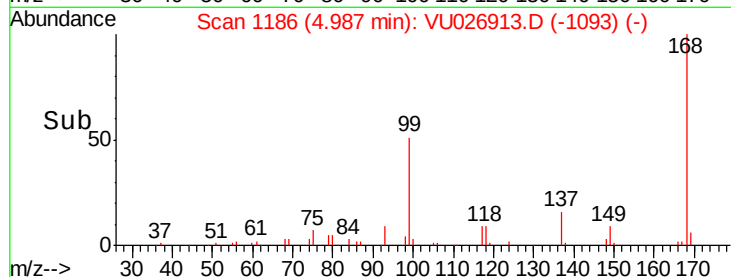
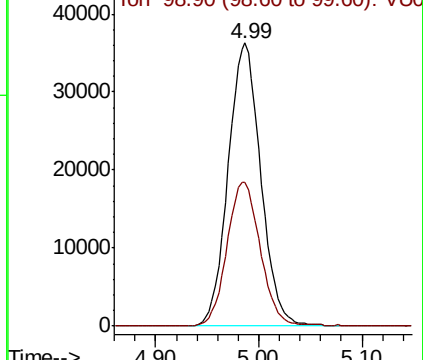
Ion Ratio Lower Upper

168 100

99 50.6 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU026679.D (-1169) (-)



#11

Tert butyl alcohol

Concen: 1.667 ug/l

RT: 2.83 min Scan# 516

Delta R.T. 0.01 min

Lab File: VU026913.D

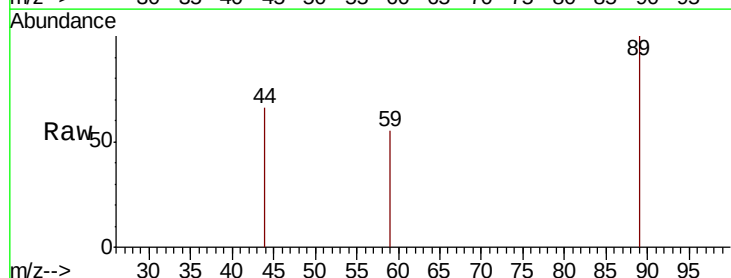
Acq: 19 Sep 2018 21:35

Tgt Ion: 59 Resp: 493

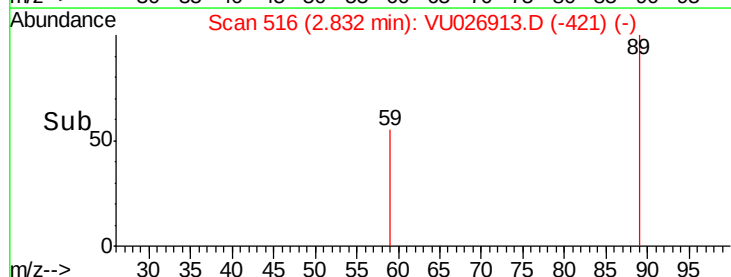
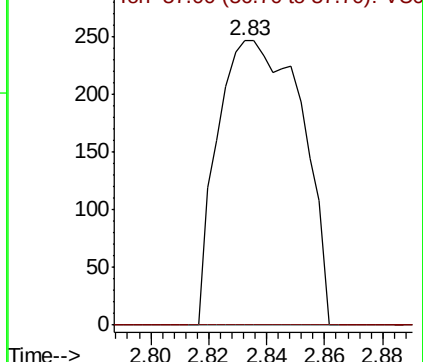
Ion Ratio Lower Upper

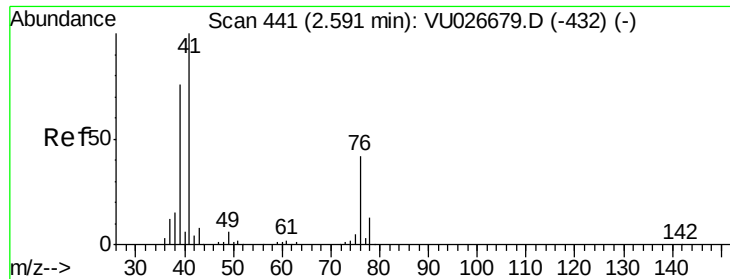
59 100

57 0.0 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VU026679.D (-499) (-)

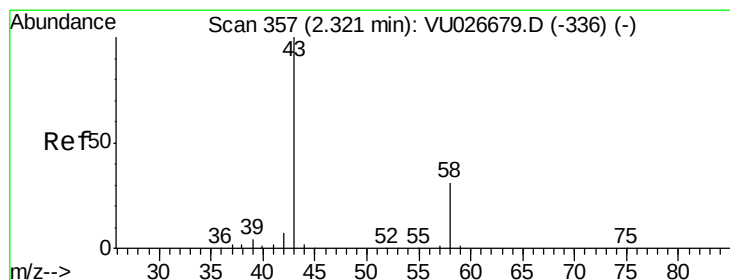
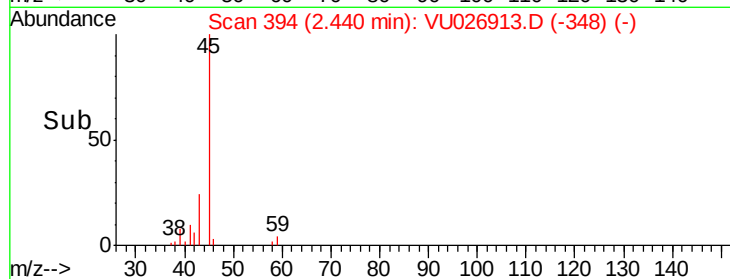
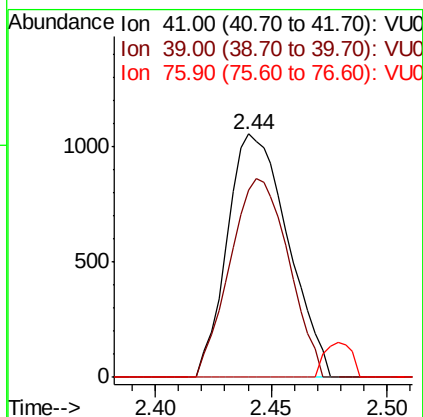
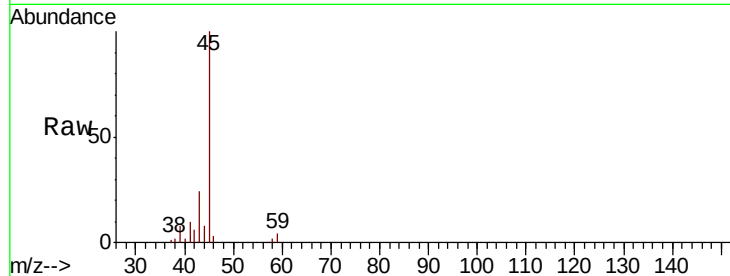




#14
 Allyl chloride
 Concen: 1.159 ug/l
 RT: 2.44 min Scan# 394
 Delta R.T. -0.15 min
 Lab File: VU026913.D
 Acq: 19 Sep 2018 21:35

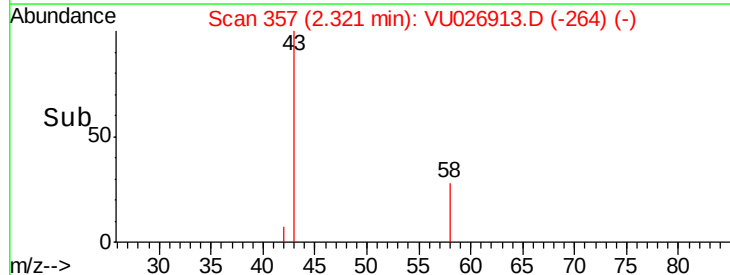
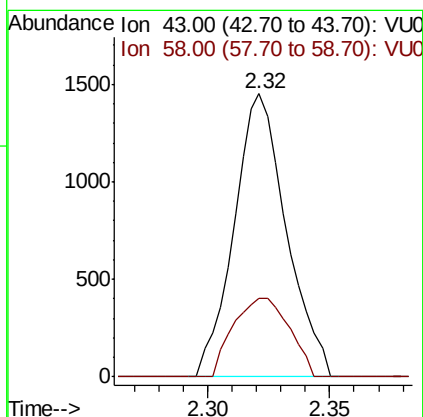
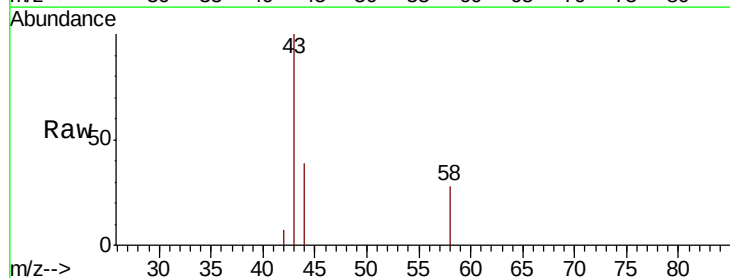
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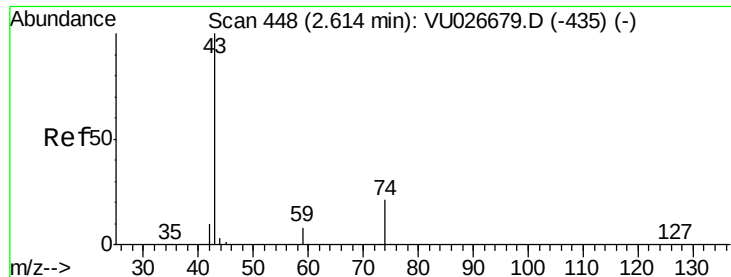
Tgt Ion: 41 Resp: 1917
 Ion Ratio Lower Upper
 41 100
 39 79.1 56.9 85.3
 76 0.0 29.7 44.5#



#16
 Acetone
 Concen: 3.131 ug/l
 RT: 2.32 min Scan# 357
 Delta R.T. 0.00 min
 Lab File: VU026913.D
 Acq: 19 Sep 2018 21:35

Tgt Ion: 43 Resp: 2151
 Ion Ratio Lower Upper
 43 100
 58 27.5 25.1 37.7

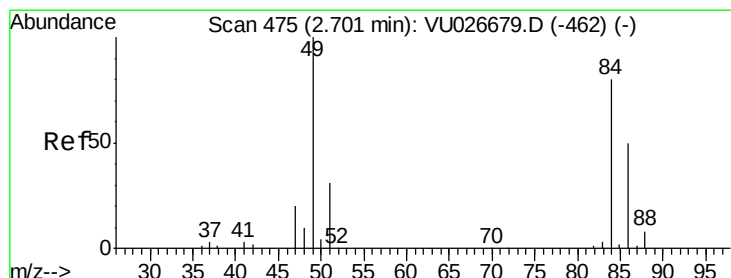
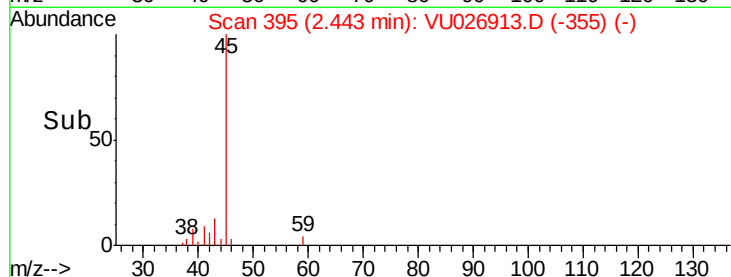
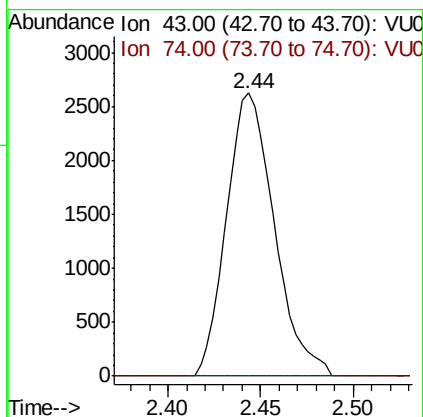
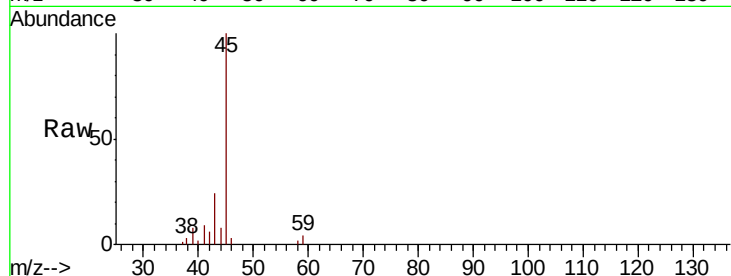




#18
Methyl Acetate
Concen: 3.178 ug/l
RT: 2.44 min Scan# 395
Delta R.T. -0.17 min
Lab File: VU026913.D
Acq: 19 Sep 2018 21:35

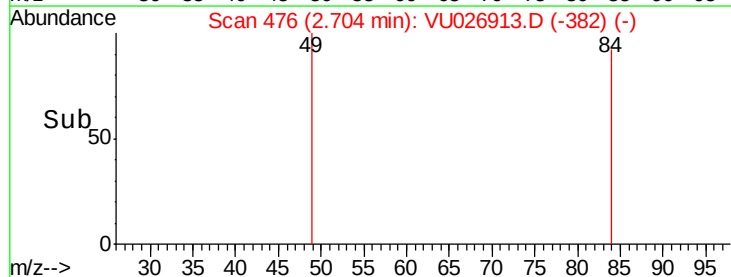
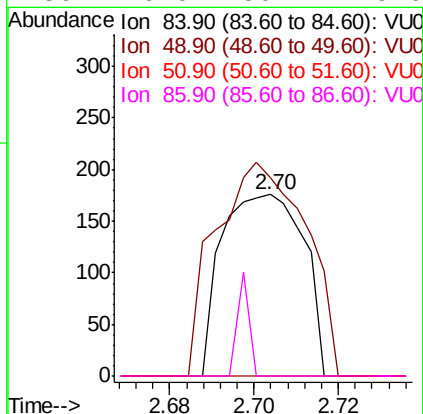
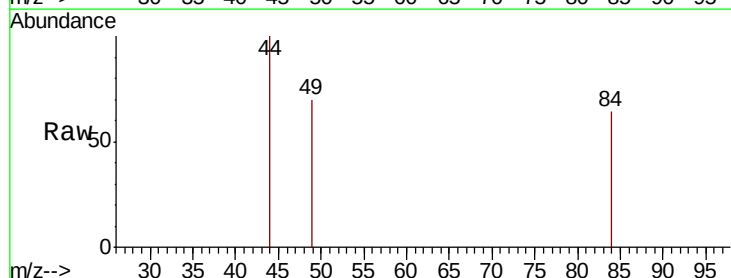
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MSVOA_U
ClientSampleId :
SA-MW185I-20180912

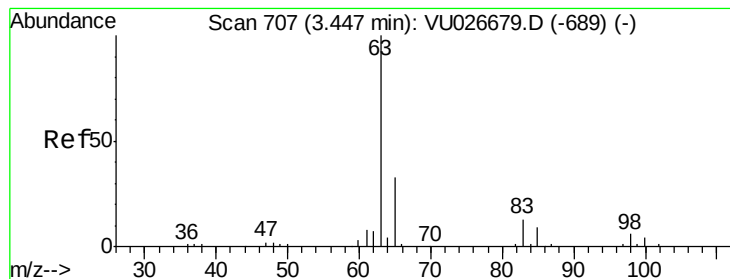
Tgt Ion: 43 Resp: 4712
Ion Ratio Lower Upper
43 100
74 0.0 17.7 26.5#



#20
Methylene Chloride
Concen: 0.212 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU026913.D
Acq: 19 Sep 2018 21:35

Tgt Ion: 84 Resp: 236
Ion Ratio Lower Upper
84 100
49 109.1 100.6 151.0
51 0.0 30.9 46.3#
86 0.0 50.4 75.6#





#24

1,1-Dichloroethane

Concen: 2.325 ug/l

RT: 3.45 min Scan# 707

Delta R.T. 0.00 min

Lab File: VU026913.D

Acq: 19 Sep 2018 21:35

Instrument :

MSVOA_U

ClientSampleId :

SA-MW185I-20180912

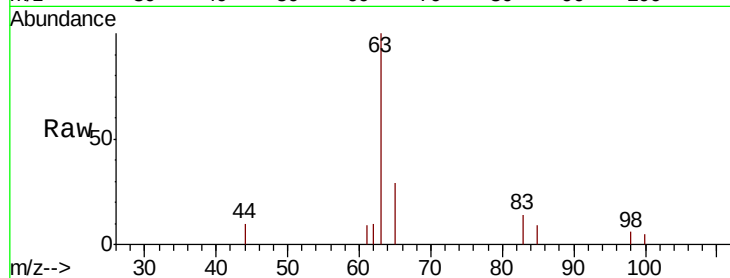
Tgt Ion: 63 Resp: 4528

Ion Ratio Lower Upper

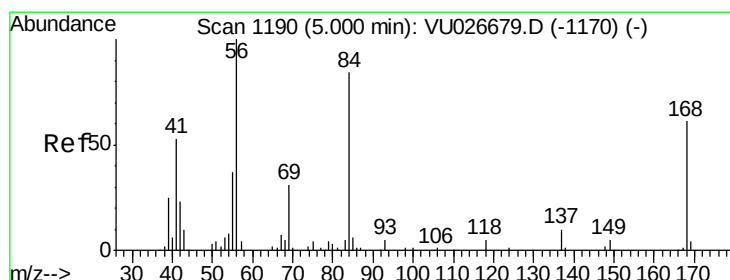
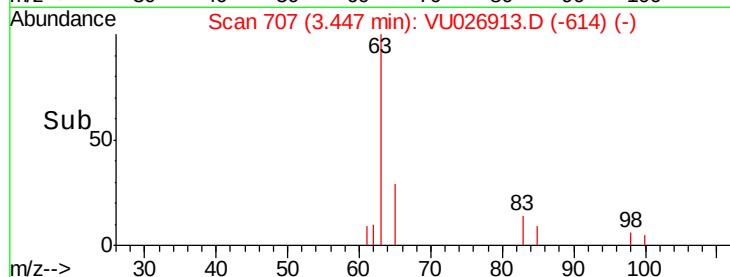
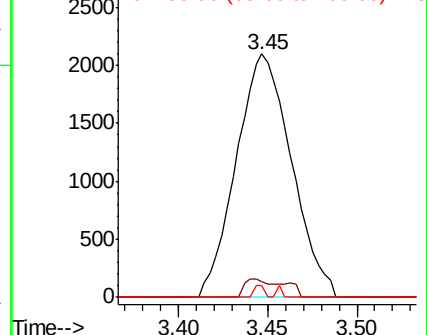
63 100

98 6.2 3.1 9.4

100 4.8 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VU0
Ion 97.90 (97.60 to 98.60): VU0
Ion 99.90 (99.60 to 100.60): VU0



#31

Cyclohexane

Concen: 0.558 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.02 min

Lab File: VU026913.D

Acq: 19 Sep 2018 21:35

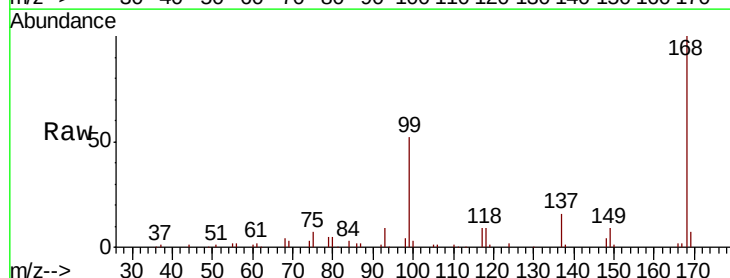
Tgt Ion: 56 Resp: 1312

Ion Ratio Lower Upper

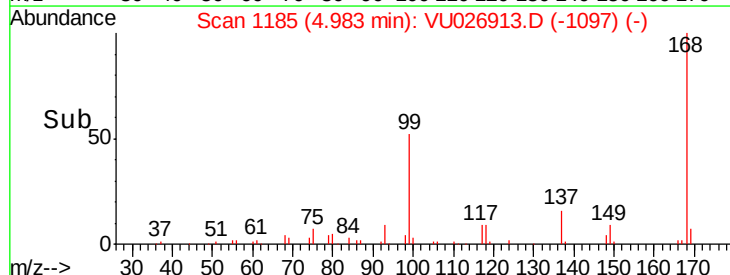
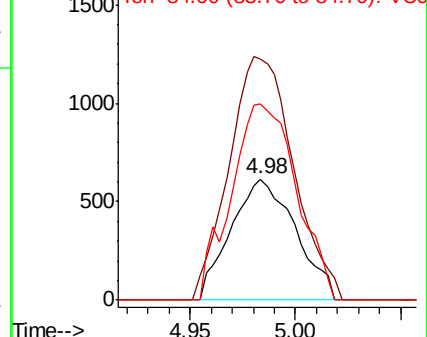
56 100

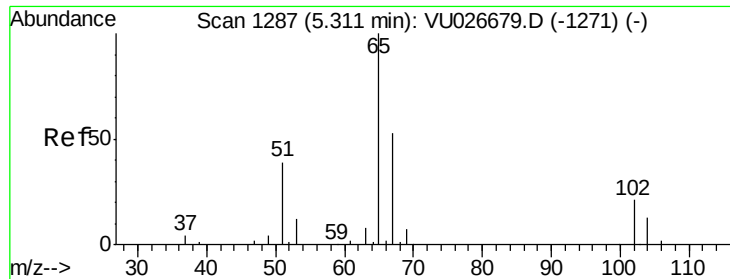
69 199.7 24.9 37.3#

84 162.1 66.6 100.0#



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

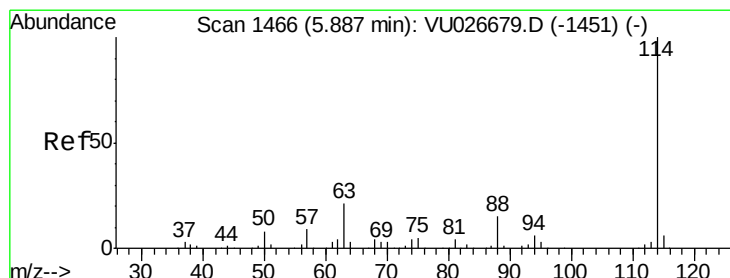
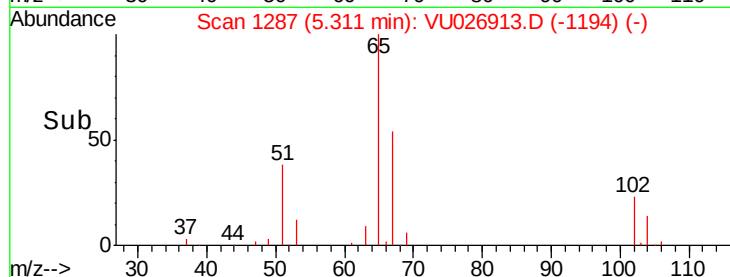
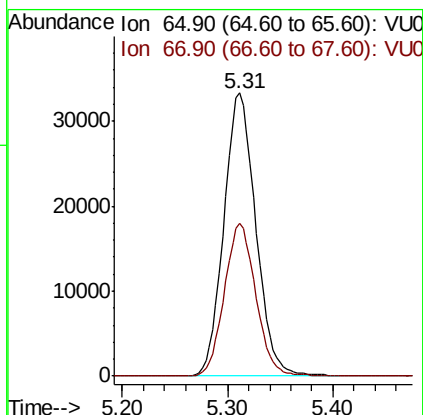
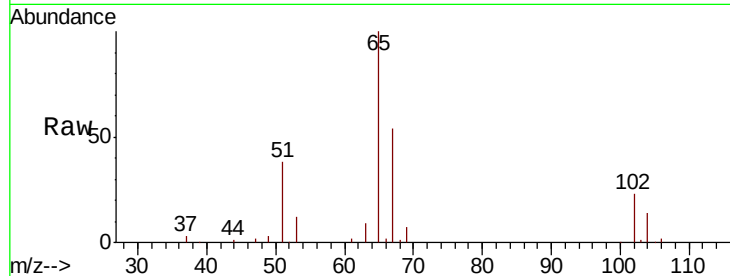




#33
 1,2-Dichloroethane-d4
 Concen: 57.624 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU026913.D
 Acq: 19 Sep 2018 21:35

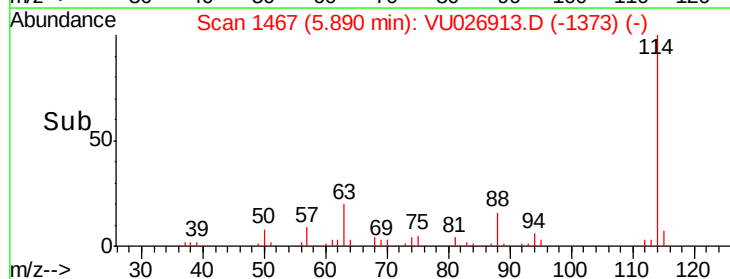
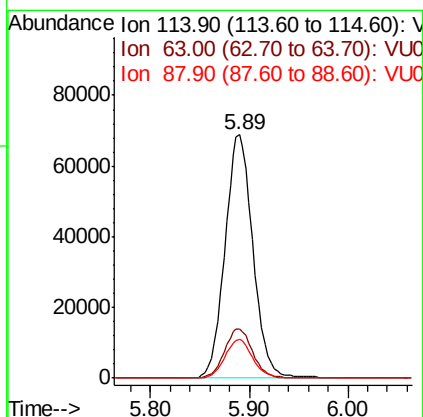
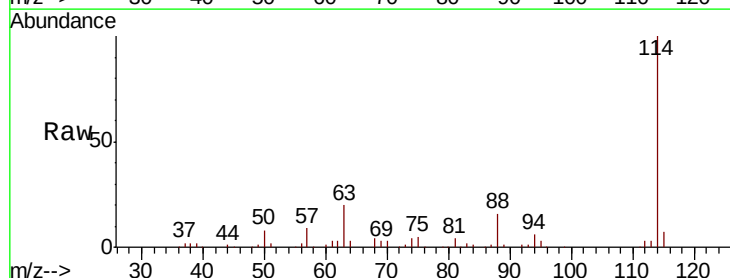
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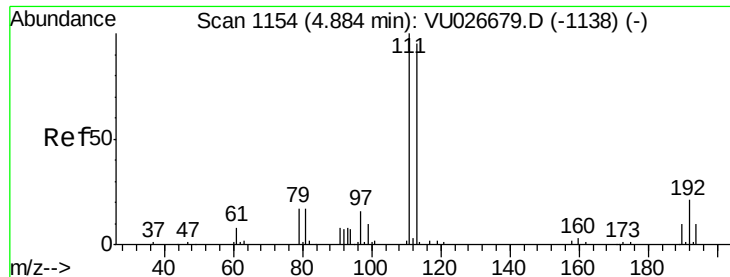
Tgt Ion: 65 Resp: 69930
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU026913.D
 Acq: 19 Sep 2018 21:35

Tgt Ion: 114 Resp: 136206
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 41.4
 88 15.9 0.0 30.8

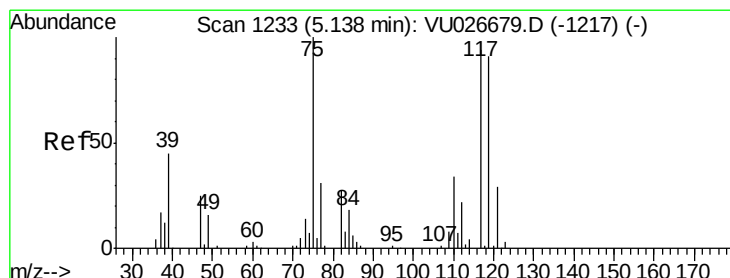
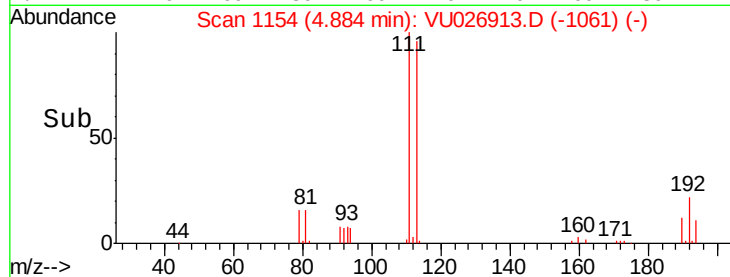
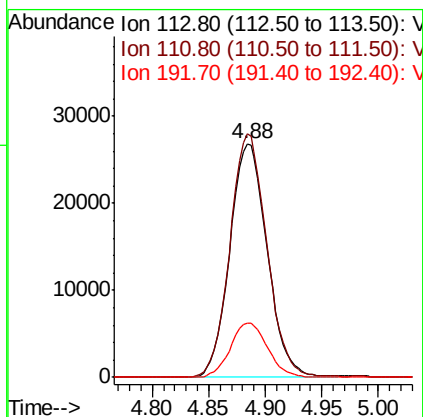
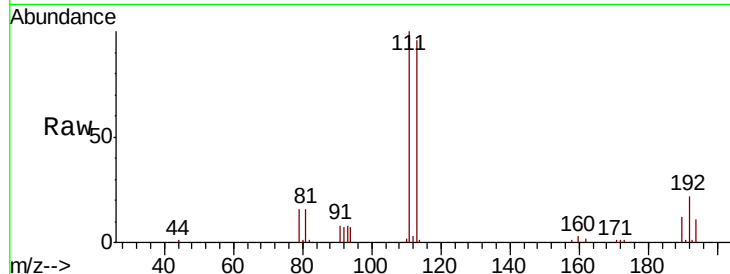




#35
 Dibromofluoromethane
 Concen: 55.762 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU026913.D
 Acq: 19 Sep 2018 21:35

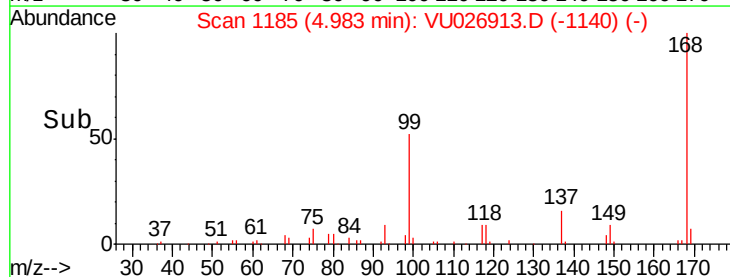
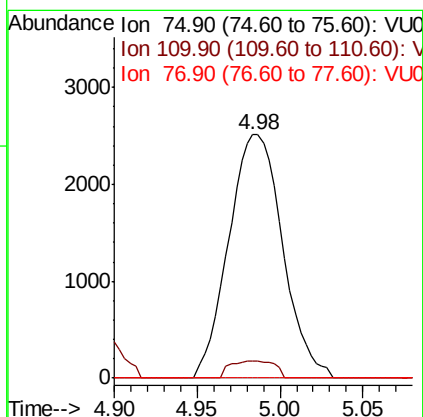
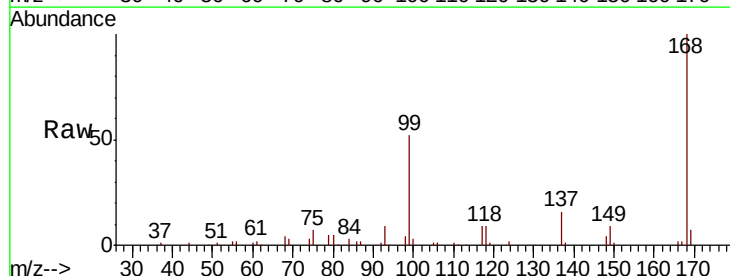
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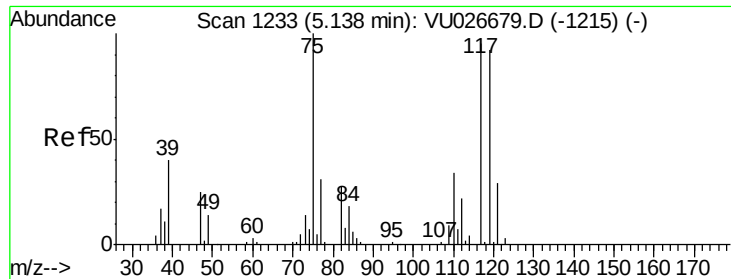
Tgt Ion:113 Resp: 61953
 Ion Ratio Lower Upper
 113 100
 111 102.5 83.1 124.7
 192 23.1 17.4 26.2



#36
 1,1-Dichloropropene
 Concen: 3.712 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU026913.D
 Acq: 19 Sep 2018 21:35

Tgt Ion: 75 Resp: 5676
 Ion Ratio Lower Upper
 75 100
 110 5.8 17.3 51.9#
 77 0.0 24.9 37.3#

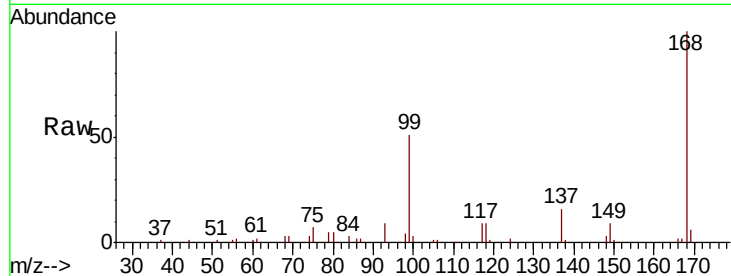




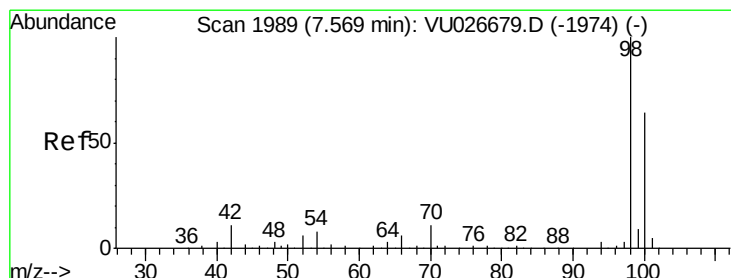
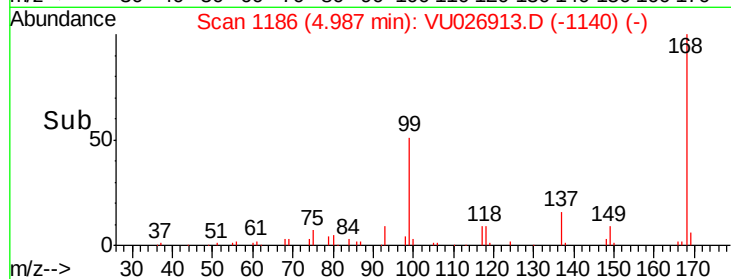
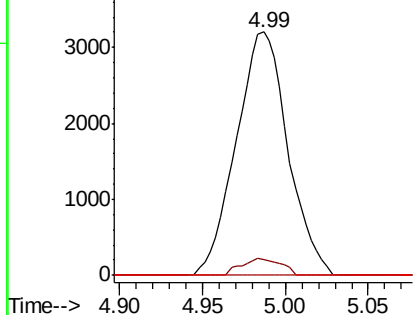
#38
Carbon Tetrachloride
Concen: 4.294 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.15 min
Lab File: VU026913.D
Acq: 19 Sep 2018 21:35

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:117 Resp: 6937
Ion Ratio Lower Upper
117 100
119 6.4 77.8 116.8#
121 0.0 25.0 37.4#

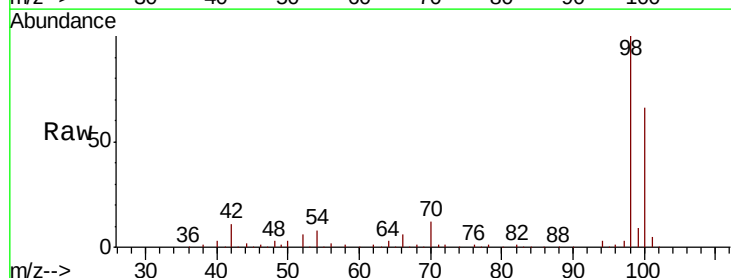


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

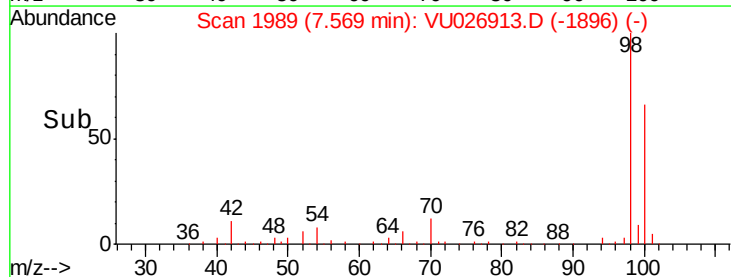
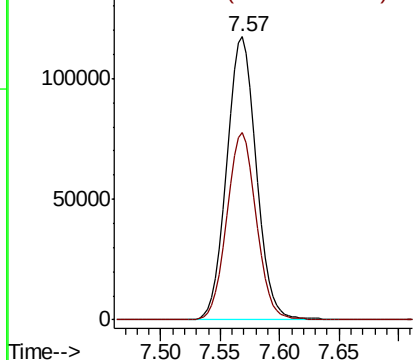


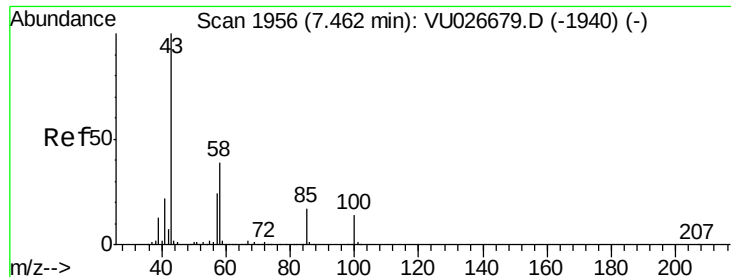
#50
Toluene-d8
Concen: 49.344 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU026913.D
Acq: 19 Sep 2018 21:35

Tgt Ion: 98 Resp: 202766
Ion Ratio Lower Upper
98 100
100 66.0 51.2 76.8



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

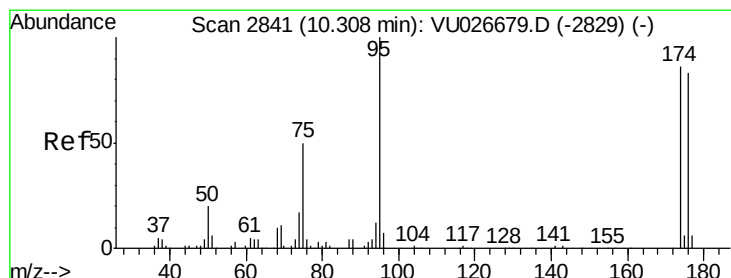
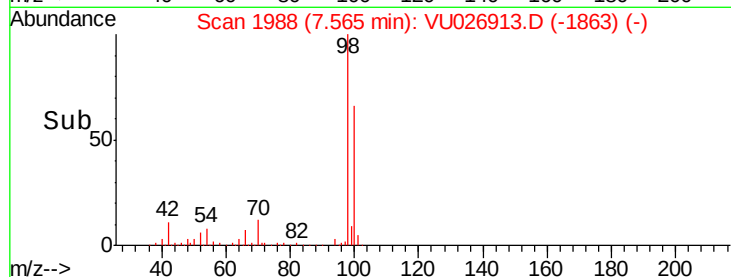
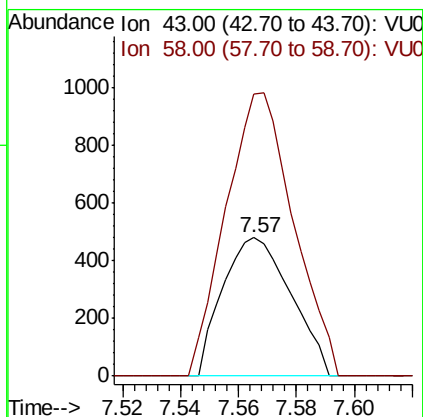
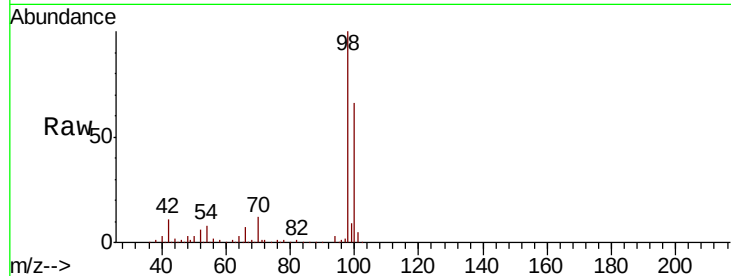




#51
 4-Methyl-2-Pentanone
 Concen: 0.420 ug/l
 RT: 7.57 min Scan# 1988
 Delta R.T. 0.10 min
 Lab File: VU026913.D
 Acq: 19 Sep 2018 21:35

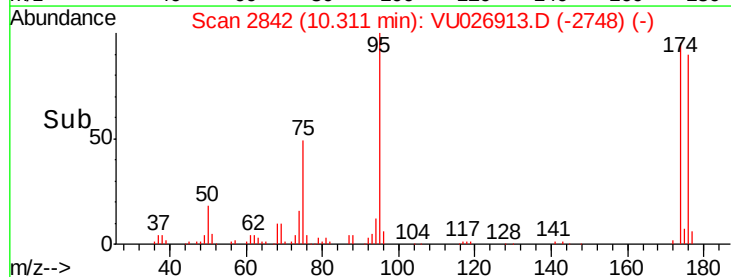
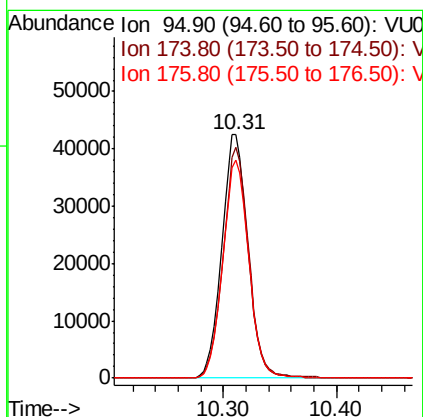
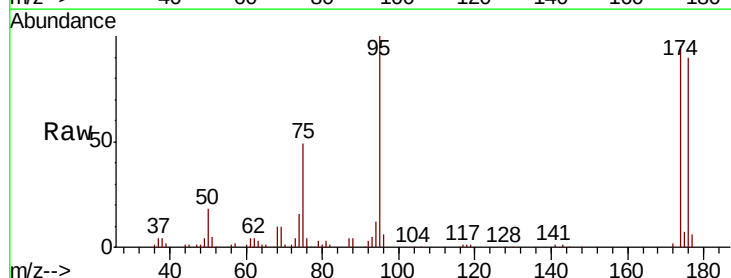
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-MW185I-20180912

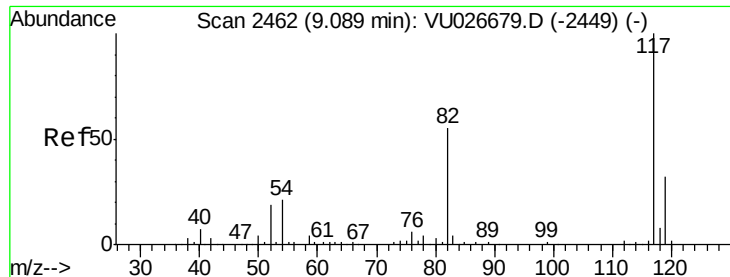
Tgt Ion: 43 Resp: 787
 Ion Ratio Lower Upper
 43 100
 58 202.3 31.1 46.7#



#62
 4-Bromofluorobenzene
 Concen: 45.666 ug/l
 RT: 10.31 min Scan# 2842
 Delta R.T. 0.00 min
 Lab File: VU026913.D
 Acq: 19 Sep 2018 21:35

Tgt Ion: 95 Resp: 68011
 Ion Ratio Lower Upper
 95 100
 174 93.2 0.0 172.8
 176 89.0 0.0 168.6

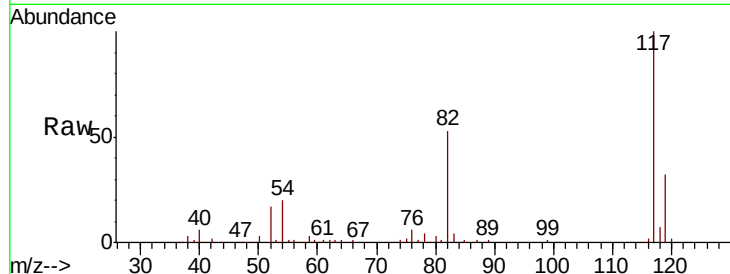




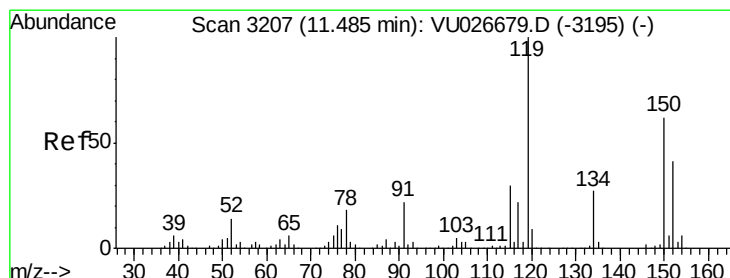
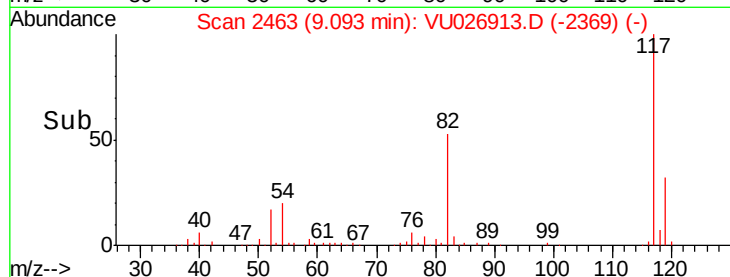
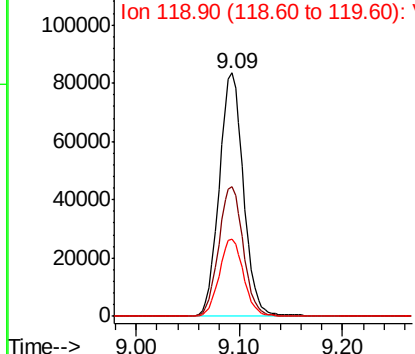
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU026913.D
Acq: 19 Sep 2018 21:35

Instrument :
MSVOA_U
ClientSampleId :
SA-MW185I-20180912

Tgt Ion:117 Resp: 136739
Ion Ratio Lower Upper
117 100
82 53.1 44.1 66.1
119 31.7 25.7 38.5

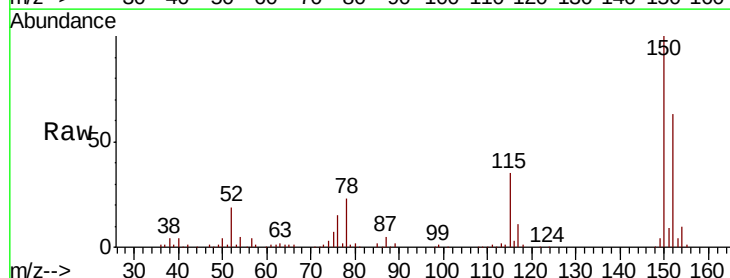


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

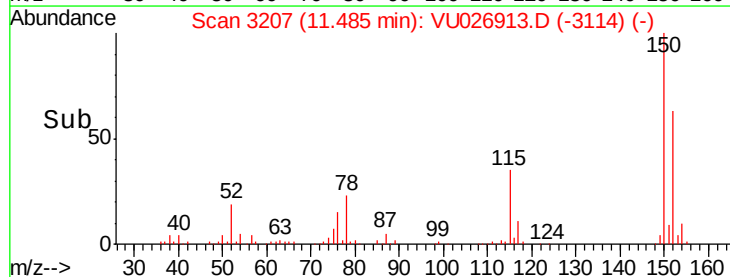
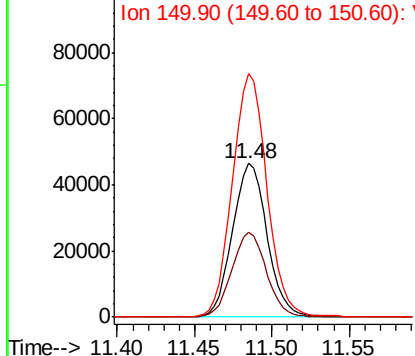


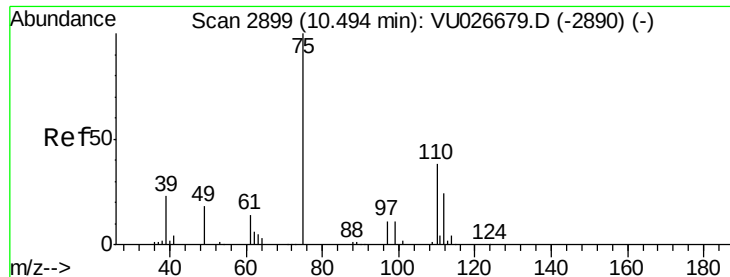
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU026913.D
Acq: 19 Sep 2018 21:35

Tgt Ion:152 Resp: 72189
Ion Ratio Lower Upper
152 100
115 55.1 40.4 121.1
150 158.7 0.0 345.2



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: 20.452 ug/l

RT: 10.31 min Scan# 2842

Delta R.T. -0.18 min

Lab File: VU026913.D

Acq: 19 Sep 2018 21:35

Instrument :

MSVOA_U

ClientSampleId :

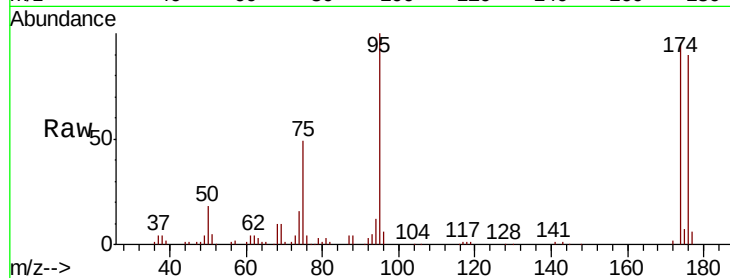
SA-MW185I-20180912

Tgt Ion: 75 Resp: 33073

Ion Ratio Lower Upper

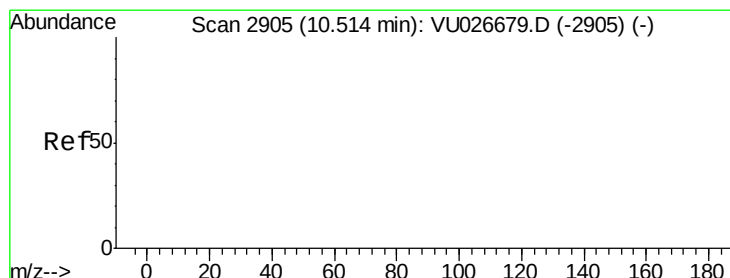
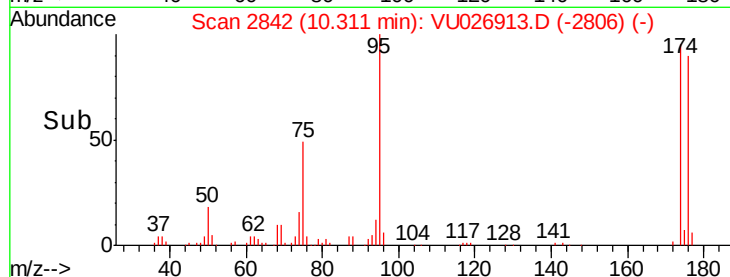
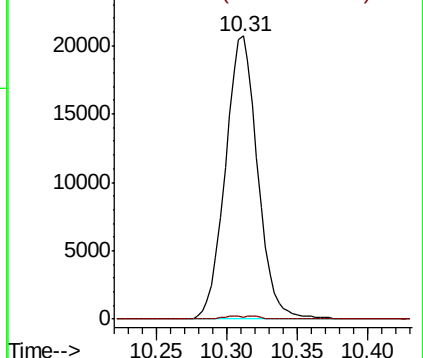
75 100

77 1.0 21.1 63.1#



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: 63.175 ug/l

RT: 10.31 min Scan# 2842

Delta R.T. -0.20 min

Lab File: VU026913.D

Acq: 19 Sep 2018 21:35

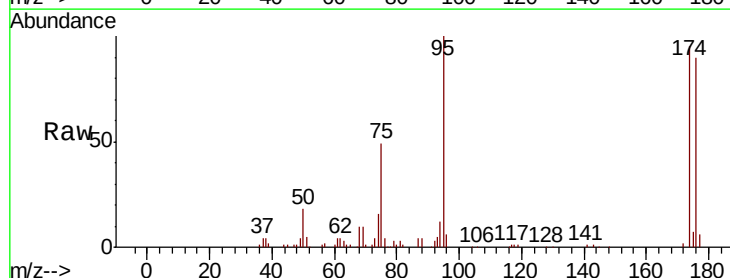
Tgt Ion: 75 Resp: 33073

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

