

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092618\
 Data File : VU027171.D
 Acq On : 26 Sep 2018 12:43
 Operator : MD/SY
 Sample : J5032-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-11S-092018

Quant Time: Sep 27 01:06:03 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	91070	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	156233	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	148864	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	66883	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	97456	53.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.34%	
35) Dibromofluoromethane	4.88	113	66466	49.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.16%	
50) Toluene-d8	7.57	98	251179	48.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.34%	
62) 4-Bromofluorobenzene	10.31	95	80593	45.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.02%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.63	64	335	0.274	ug/l #	43
11) Tert butyl alcohol	2.84	59	1102	2.623	ug/l #	72
16) Acetone	2.32	43	6114	Below Cal		97
26) 2,2-Dichloropropane	4.19	77	469	0.200	ug/l #	55
27) cis-1,2-Dichloroethene	4.22	96	1526	1.006	ug/l	96
31) Cyclohexane	4.99	56	2441	0.322	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	8646	4.147	ug/l #	50
37) Ethyl Acetate	4.39	43	836	0.296	ug/l #	70
38) Carbon Tetrachloride	4.98	117	9251	4.662	ug/l #	17
44) Trichloroethene	6.19	130	699	0.518	ug/l	96
76) 1,2,3-Trichloropropane	10.31	75	43400	21.359	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	43400	68.354	ug/l #	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027171.D

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MSVOA_U

ClientSampleId :

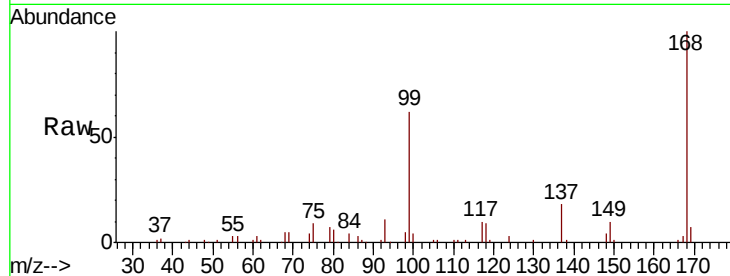
MW-11S-092018

Tgt Ion:168 Resp: 91070

Ion Ratio Lower Upper

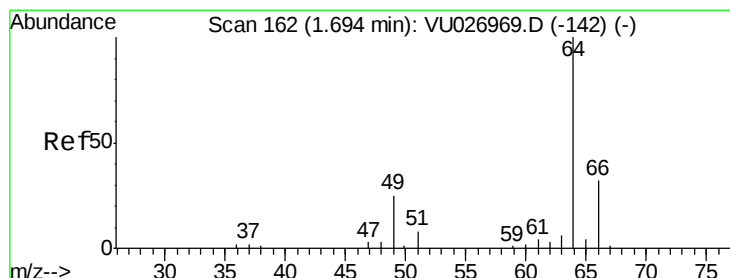
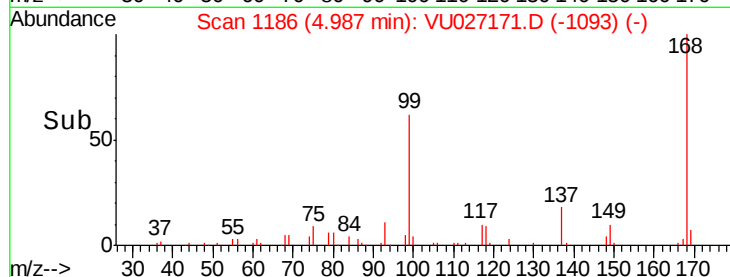
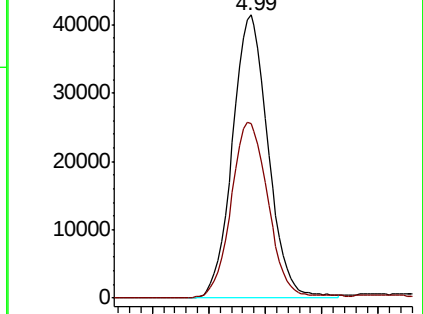
168 100

99 61.5 48.1 72.1



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

Ion 98.90 (98.60 to 99.60): VU027171.D (-1093) (-)



#6

Chloroethane

Concen: 0.274 ug/l

RT: 1.63 min Scan# 143

Delta R.T. -0.06 min

Lab File: VU027171.D

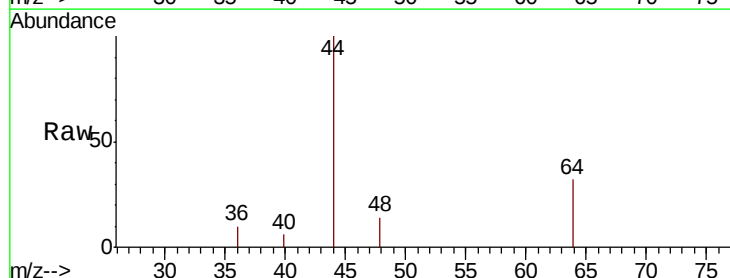
Acq: 26 Sep 2018 12:43

Tgt Ion: 64 Resp: 335

Ion Ratio Lower Upper

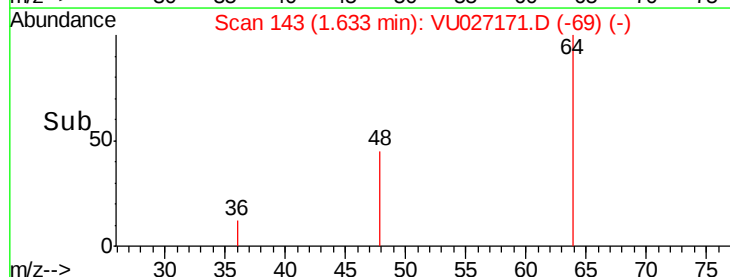
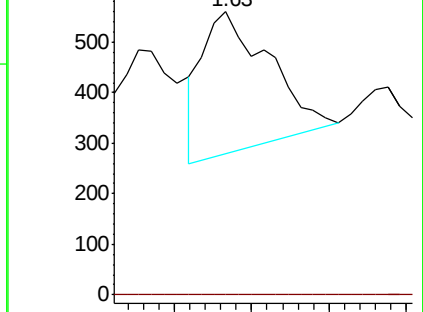
64 100

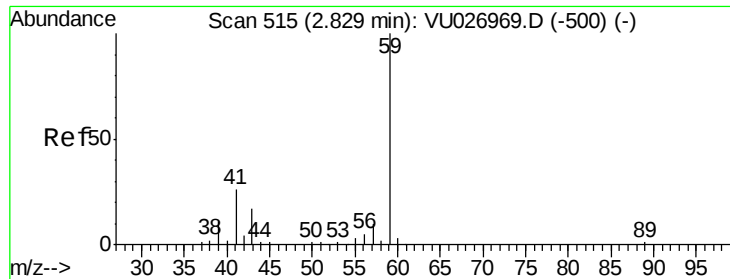
66 0.0 25.3 37.9#



Abundance Ion 63.90 (63.60 to 64.60): VU026969.D (-142) (-)

Ion 65.90 (65.60 to 66.60): VU027171.D (-69) (-)

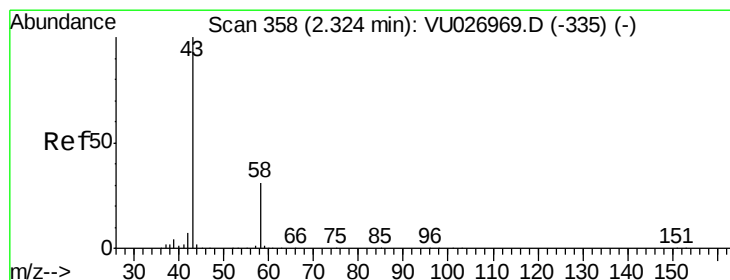
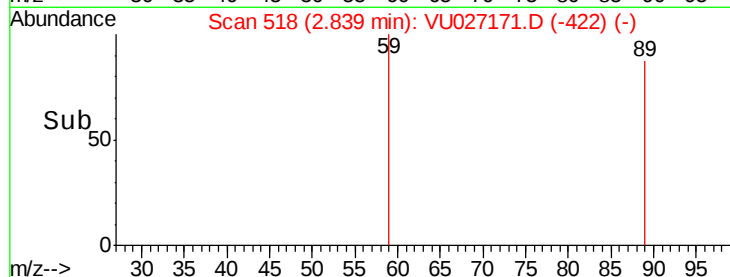
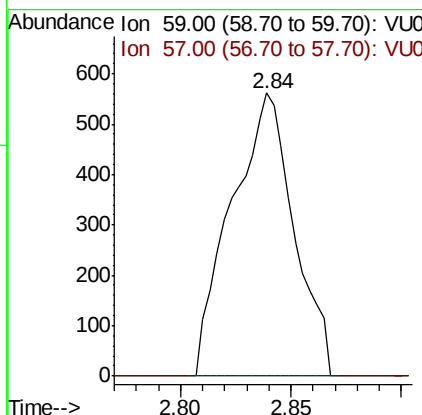
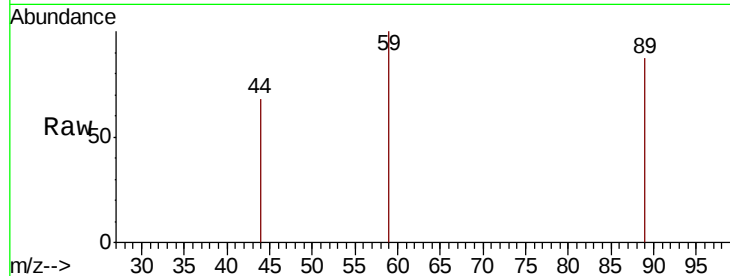




#11
 Tert butyl alcohol
 Concen: 2.623 ug/l
 RT: 2.84 min Scan# 518
 Delta R.T. 0.01 min
 Lab File: VU027171.D
 Acq: 26 Sep 2018 12:43

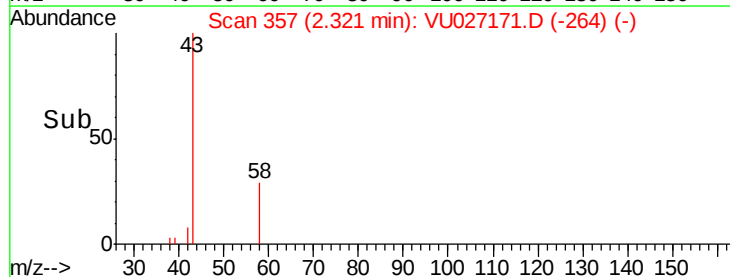
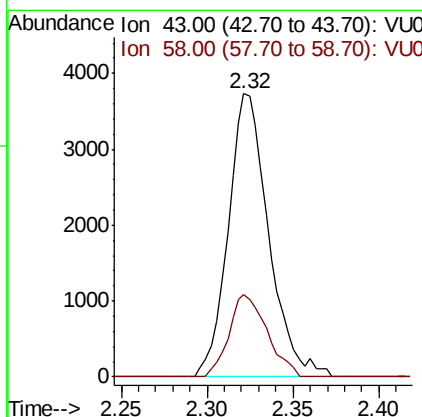
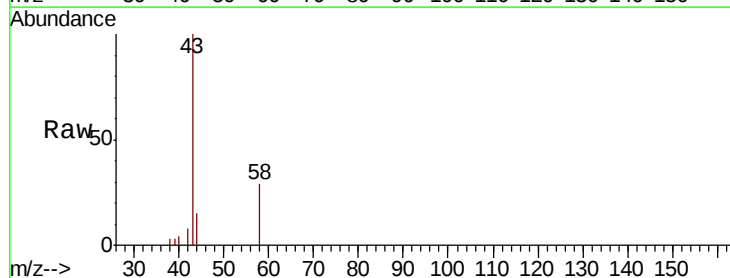
Instrument :
 MSVOA_U
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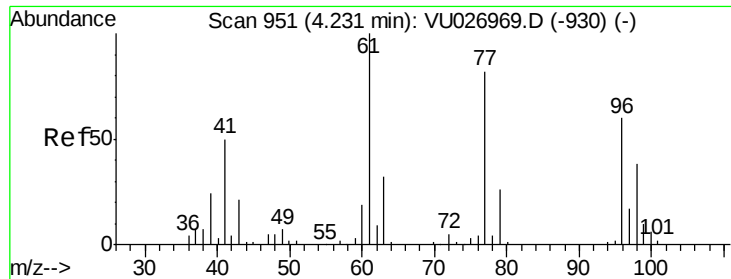
Tgt Ion: 59 Resp: 1102
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#



#16
 Acetone
 Concen: Below Cal
 RT: 2.32 min Scan# 357
 Delta R.T. -0.00 min
 Lab File: VU027171.D
 Acq: 26 Sep 2018 12:43

Tgt Ion: 43 Resp: 6114
 Ion Ratio Lower Upper
 43 100
 58 29.3 24.6 36.8

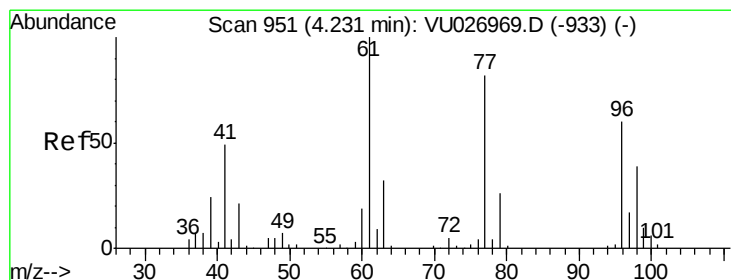
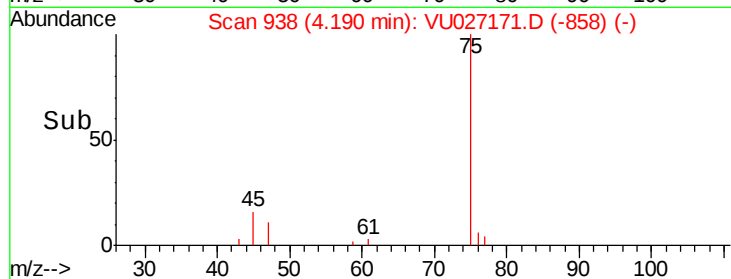
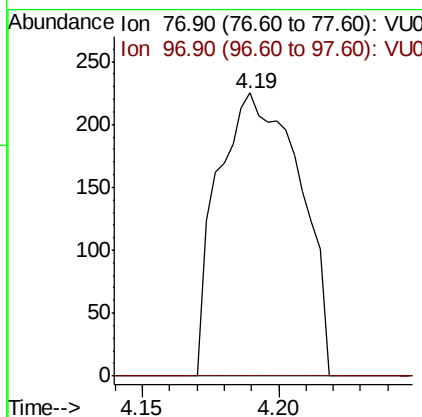
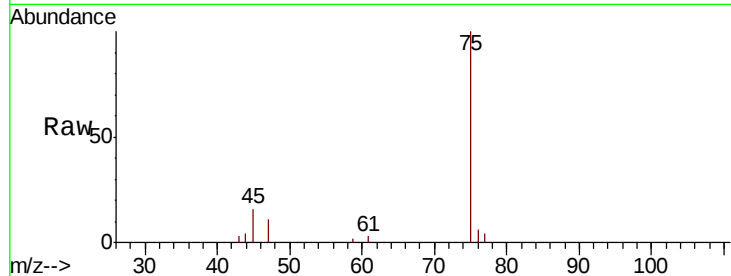




#26
 2,2-Dichloropropane
 Concen: 0.200 ug/l
 RT: 4.19 min Scan# 938
 Delta R.T. -0.04 min
 Lab File: VU027171.D
 Acq: 26 Sep 2018 12:43

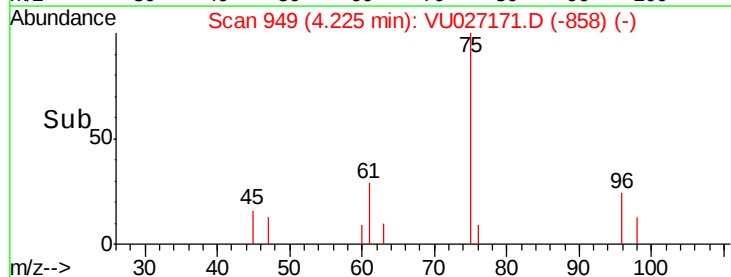
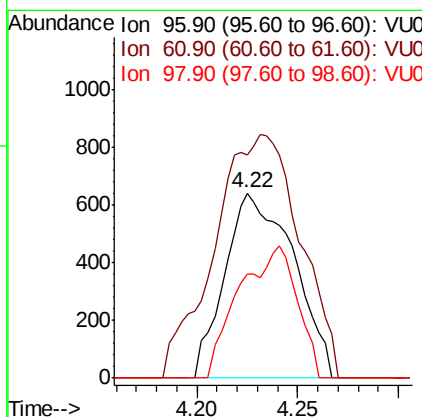
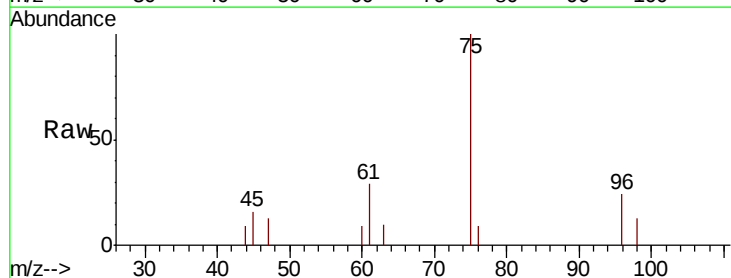
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-11S-092018

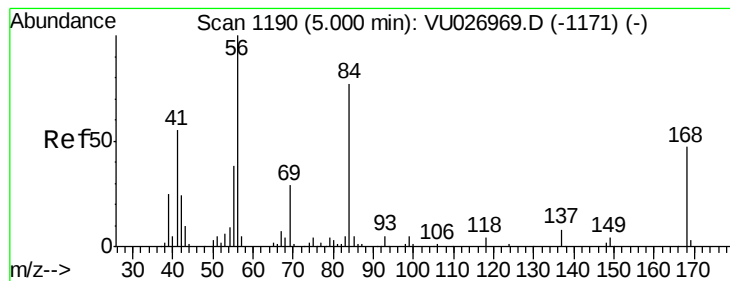
Tgt Ion: 77 Resp: 469
 Ion Ratio Lower Upper
 77 100
 97 0.0 10.5 31.5#



#27
 cis-1,2-Dichloroethene
 Concen: 1.006 ug/l
 RT: 4.22 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: VU027171.D
 Acq: 26 Sep 2018 12:43

Tgt Ion: 96 Resp: 1526
 Ion Ratio Lower Upper
 96 100
 61 163.3 0.0 337.2
 98 60.5 0.0 127.6





#31

Cyclohexane

Concen: 0.322 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.01 min

Lab File: VU027171.D

Acq: 26 Sep 2018 12:43

Instrument :

MSVOA_U

ClientSampleId :

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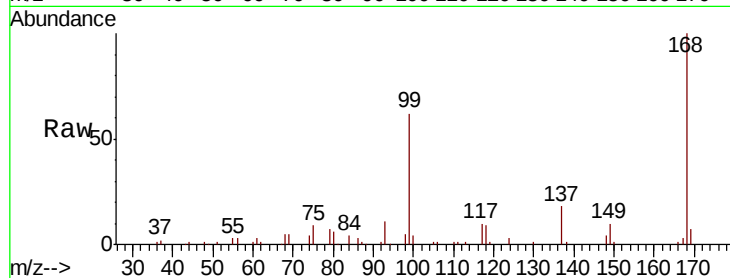
Tgt Ion: 56 Resp: 2441

Ion Ratio Lower Upper

56 100

69 155.0 23.0 34.4#

84 146.9 61.4 92.2#

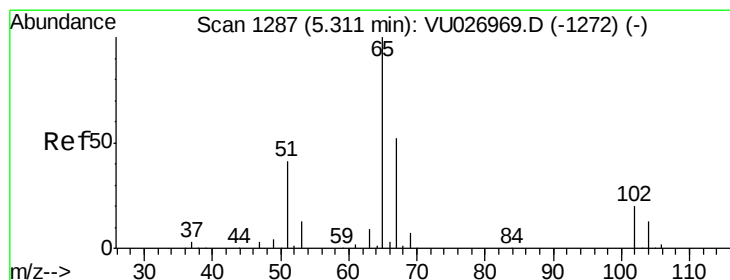
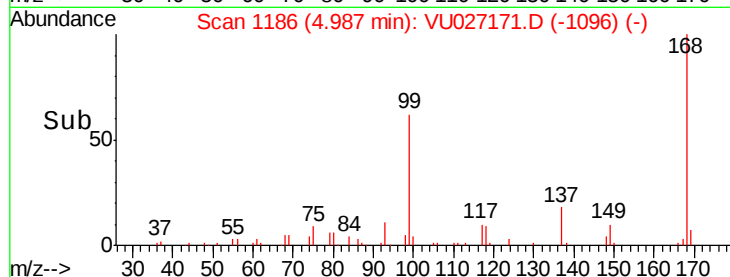
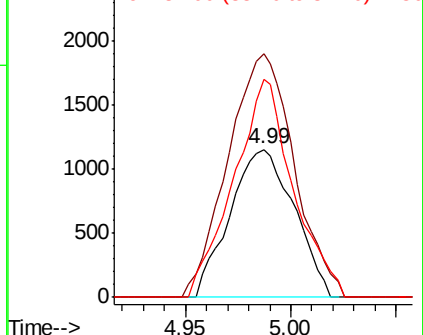


Abundance

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: 53.169 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027171.D

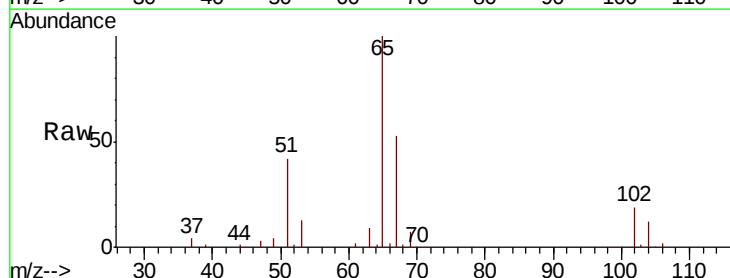
Acq: 26 Sep 2018 12:43

Tgt Ion: 65 Resp: 97456

Ion Ratio Lower Upper

65 100

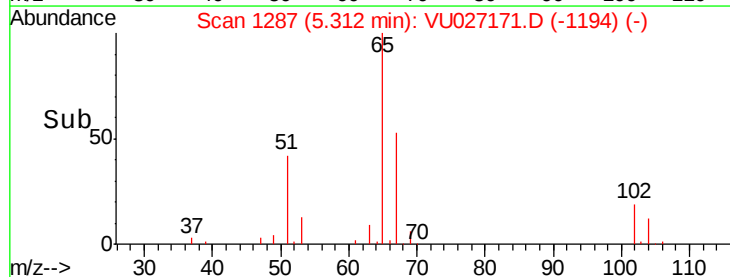
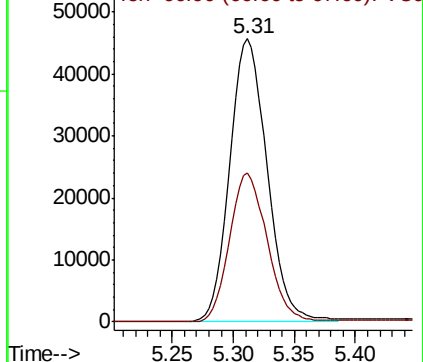
67 52.7 0.0 105.6

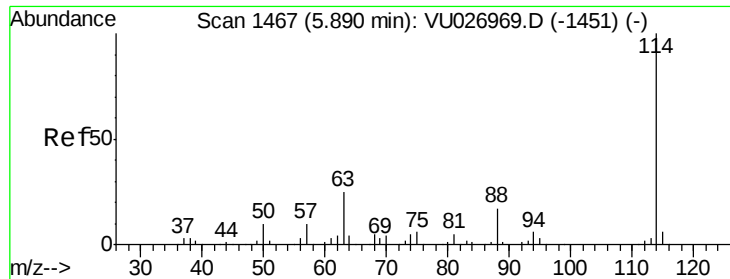


Abundance

Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

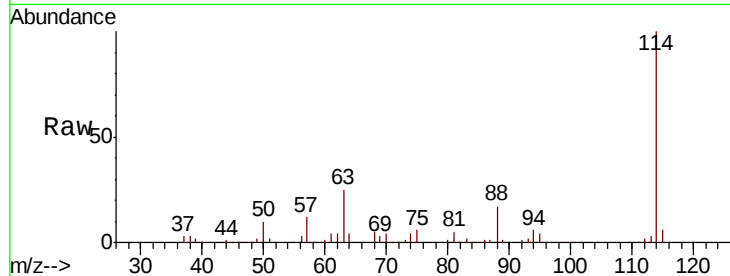




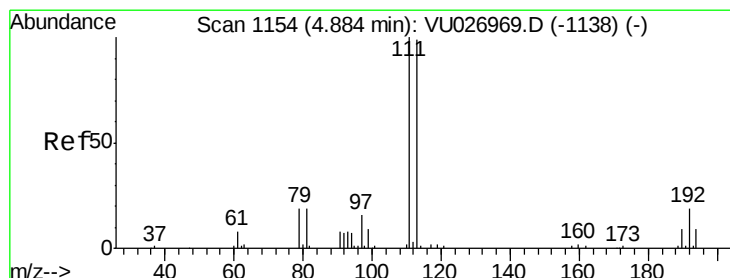
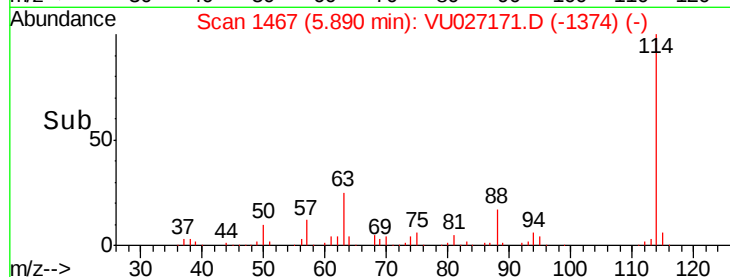
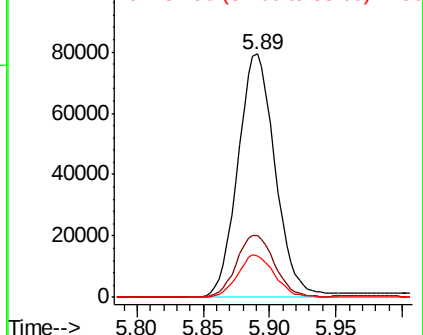
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027171.D
 Acq: 26 Sep 2018 12:43

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-11S-092018

Tgt Ion:114 Resp: 156233
 Ion Ratio Lower Upper
 114 100
 63 25.2 0.0 49.2
 88 17.1 0.0 33.8

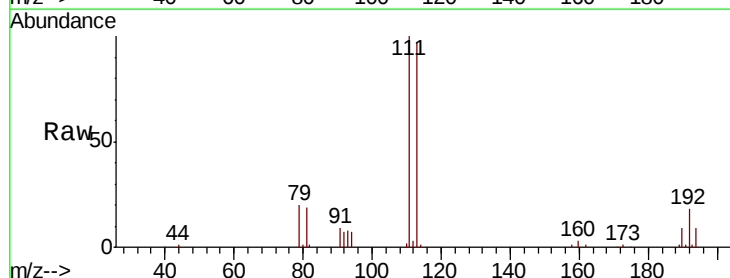


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

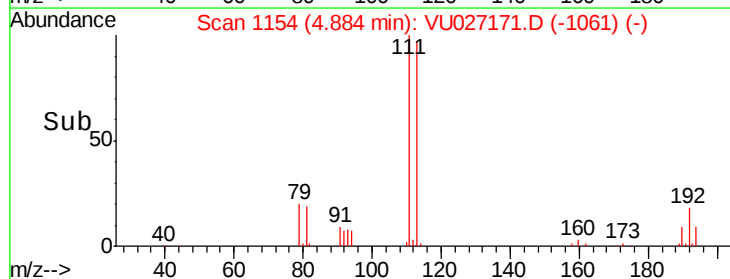
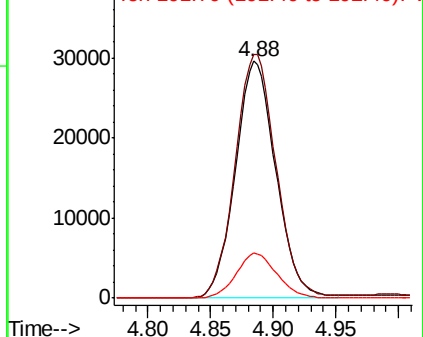


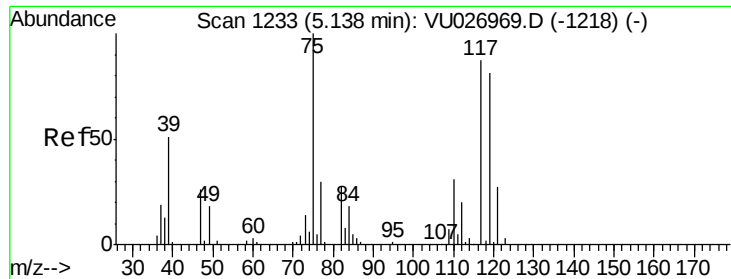
#35
 Dibromofluoromethane
 Concen: 49.080 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027171.D
 Acq: 26 Sep 2018 12:43

Tgt Ion:113 Resp: 66466
 Ion Ratio Lower Upper
 113 100
 111 104.2 82.2 123.4
 192 19.0 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

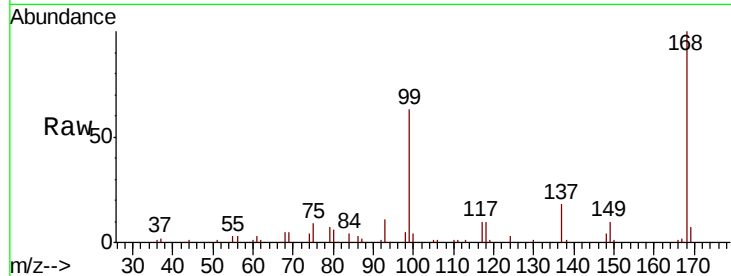




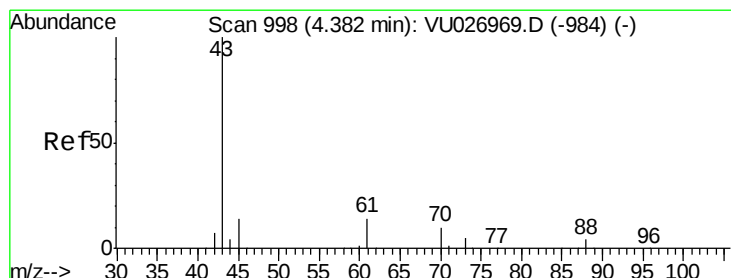
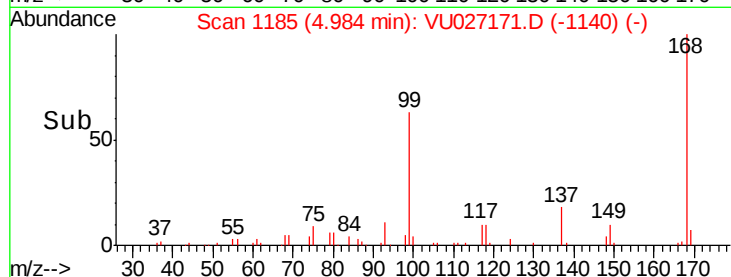
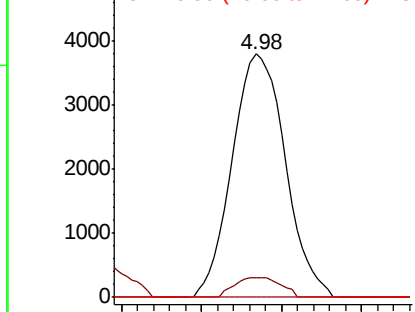
#36
 1,1-Dichloropropene
 Concen: 4.147 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU027171.D
 Acq: 26 Sep 2018 12:43

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-11S-092018

Tgt Ion: 75 Resp: 8646
 Ion Ratio Lower Upper
 75 100
 110 7.0 16.1 48.2#
 77 0.0 24.6 36.8#

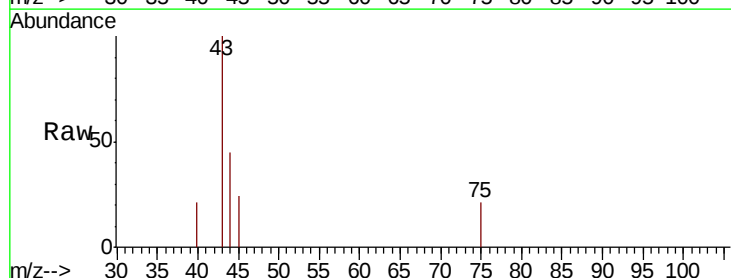


Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): VU0
 Ion 76.90 (76.60 to 77.60): VU0

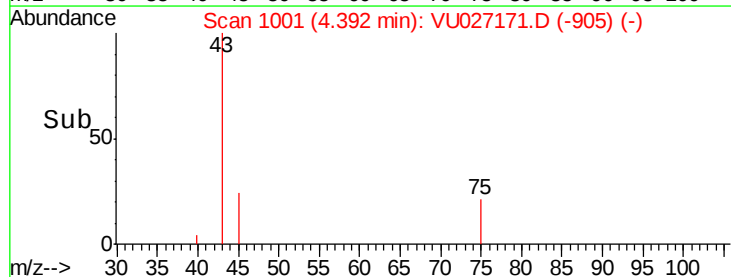
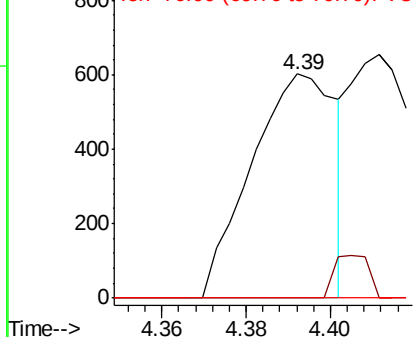


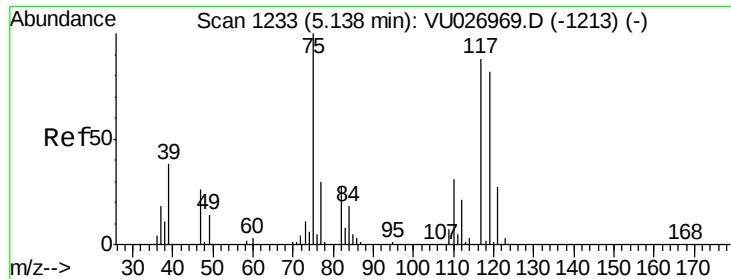
#37
 Ethyl Acetate
 Concen: 0.296 ug/l
 RT: 4.39 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: VU027171.D
 Acq: 26 Sep 2018 12:43

Tgt Ion: 43 Resp: 836
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.5 15.7#
 70 0.0 7.4 11.0#



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 70.00 (69.70 to 70.70): VU0





#38

Carbon Tetrachloride

Concen: 4.662 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU027171.D

Acq: 26 Sep 2018 12:43

Instrument :

MSVOA_U

ClientSampleId :

MW-11S-092018

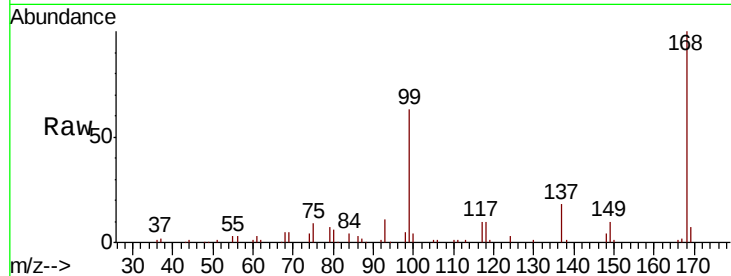
Tgt Ion:117 Resp: 9251

Ion Ratio Lower Upper

117 100

119 5.0 74.4 111.6#

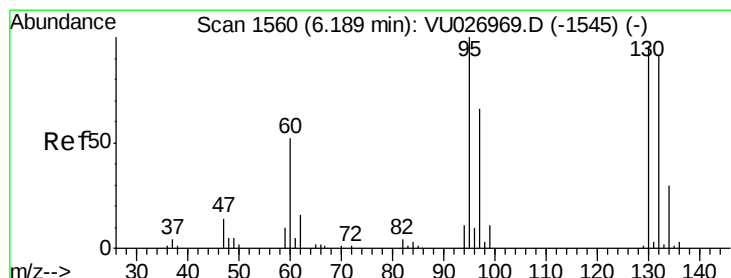
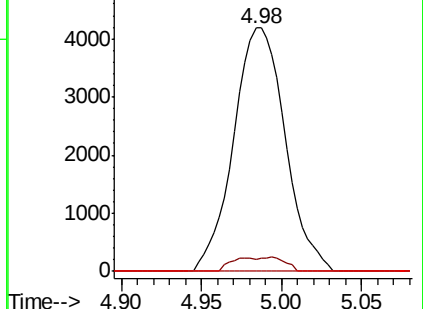
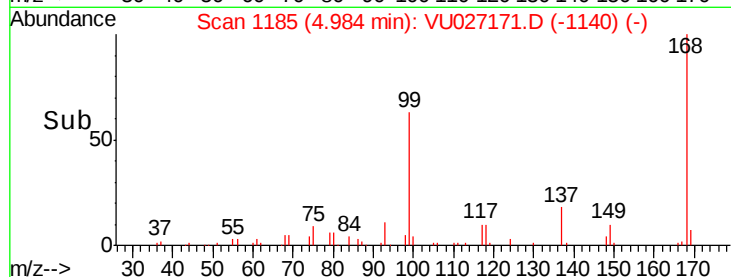
121 0.0 24.2 36.4#



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



#44

Trichloroethene

Concen: 0.518 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU027171.D

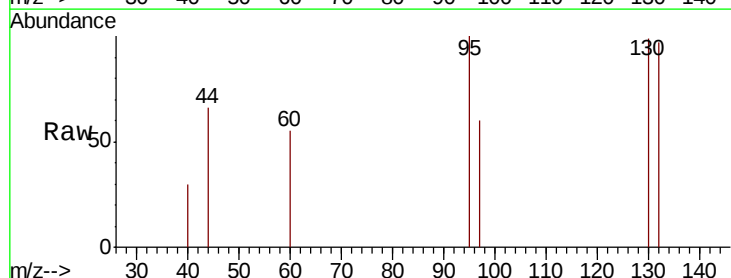
Acq: 26 Sep 2018 12:43

Tgt Ion:130 Resp: 699

Ion Ratio Lower Upper

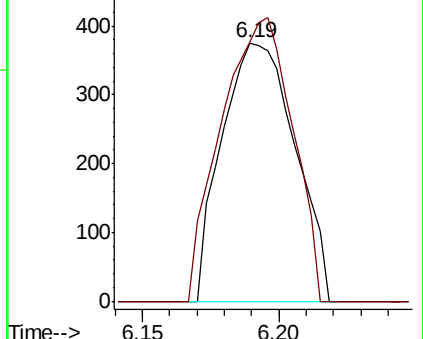
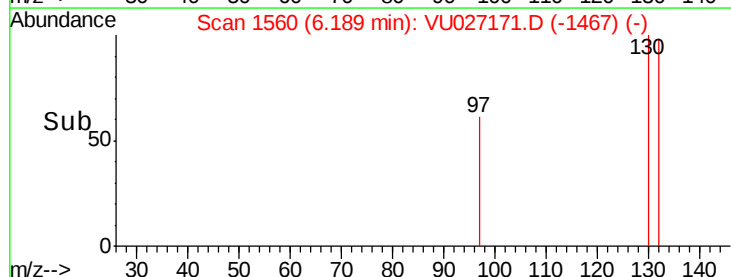
130 100

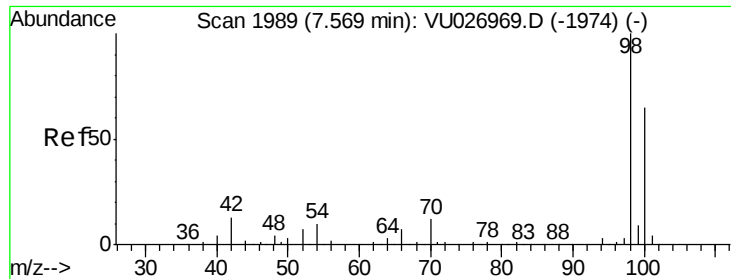
95 100.5 0.0 208.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0

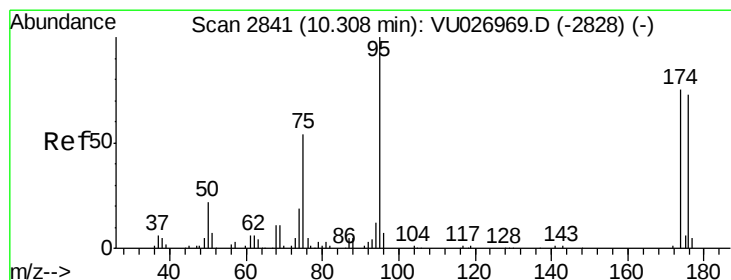
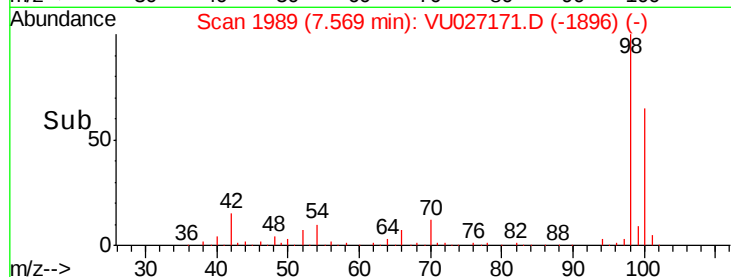
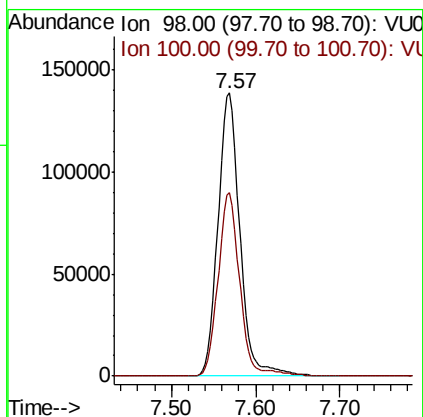
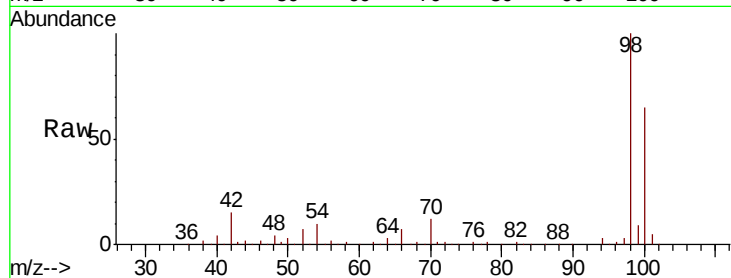




#50
Toluene-d8
Concen: 48.668 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027171.D
Acq: 26 Sep 2018 12:43

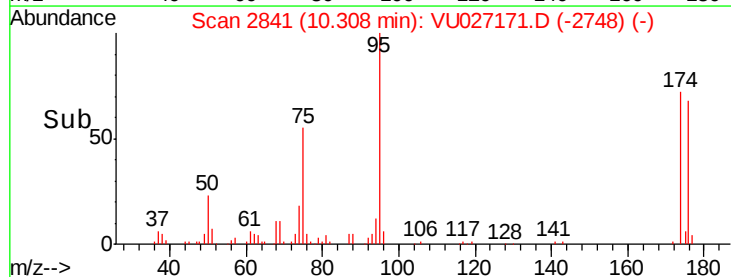
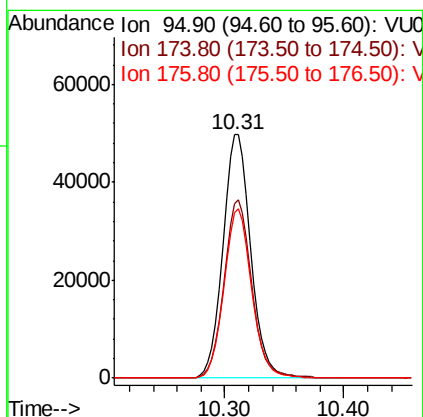
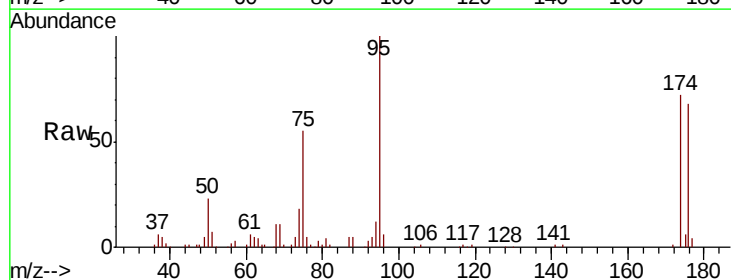
Instrument :
MSVOA_U
ClientSampleId :
MW-11S-092018

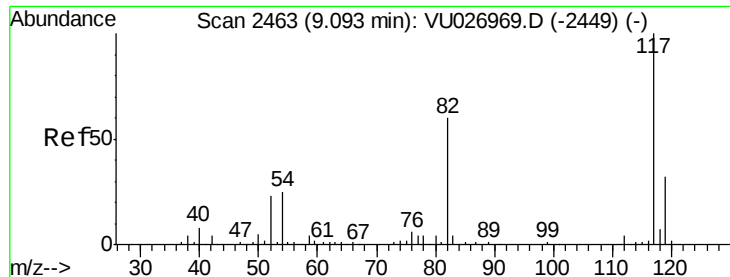
Tgt Ion: 98 Resp: 251179
Ion Ratio Lower Upper
98 100
100 64.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.509 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027171.D
Acq: 26 Sep 2018 12:43

Tgt Ion: 95 Resp: 80593
Ion Ratio Lower Upper
95 100
174 73.0 0.0 150.2
176 69.2 0.0 145.2

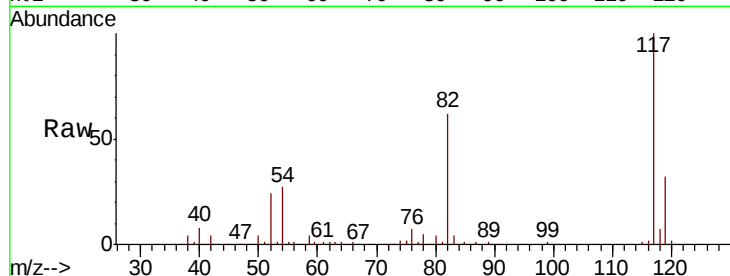




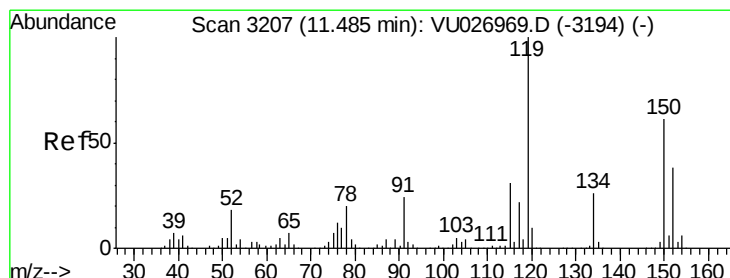
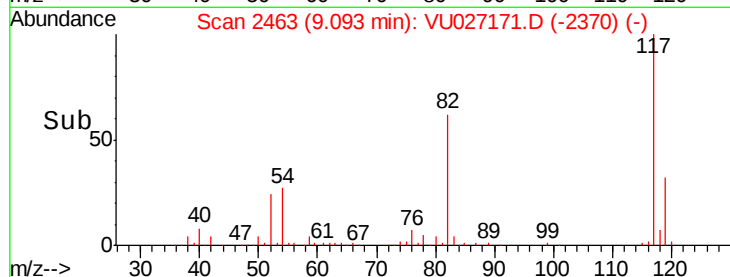
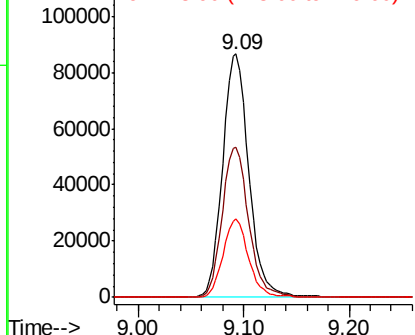
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: VU027171.D
 Acq: 26 Sep 2018 12:43

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-11S-092018

Tgt Ion:117 Resp: 148864
 Ion Ratio Lower Upper
 117 100
 82 61.8 48.0 72.0
 119 32.1 25.8 38.8

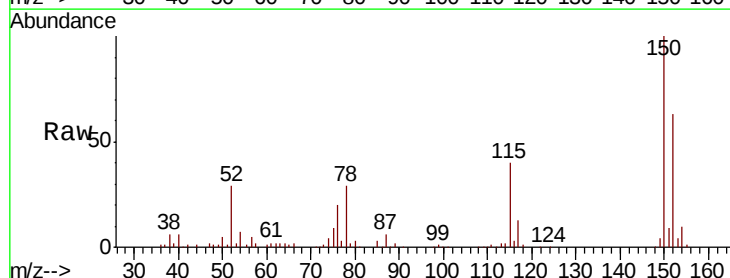


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): VU0
 Ion 118.90 (118.60 to 119.60): V

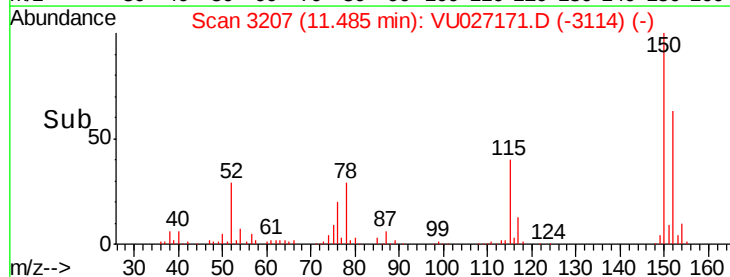
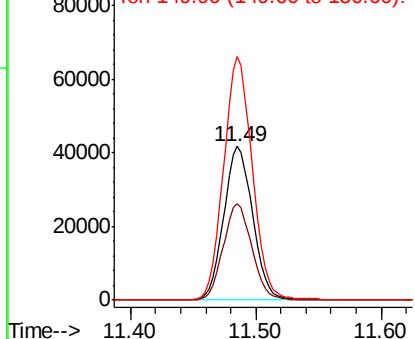


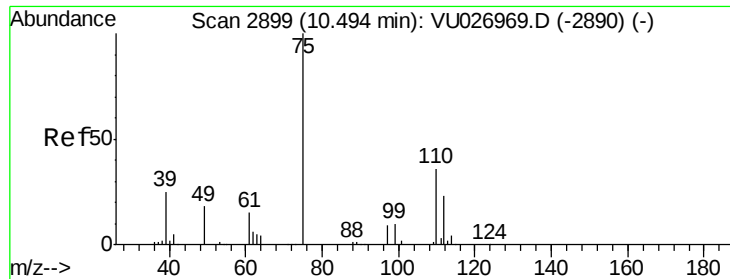
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.49 min Scan# 3207
 Delta R.T. 0.00 min
 Lab File: VU027171.D
 Acq: 26 Sep 2018 12:43

Tgt Ion:152 Resp: 66883
 Ion Ratio Lower Upper
 152 100
 115 61.8 44.9 134.5
 150 156.9 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

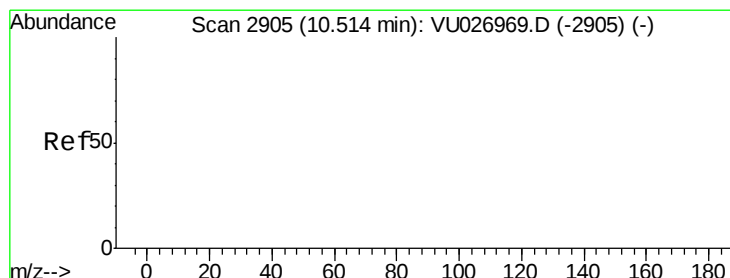
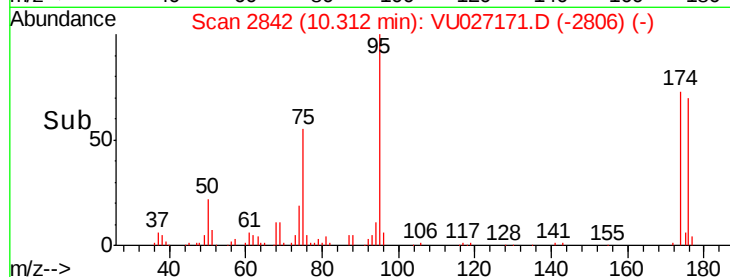
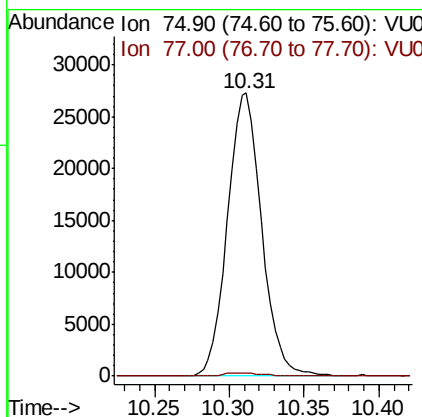
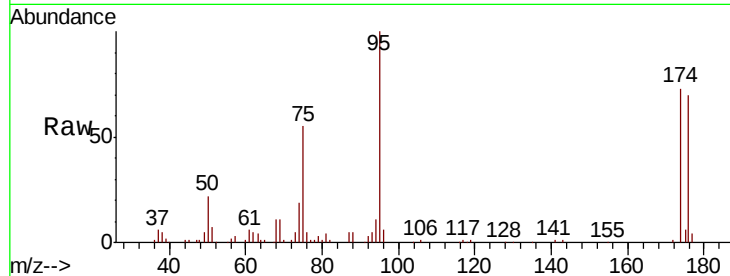




#76
 1,2,3-Trichloropropane
 Concen: 21.359 ug/l
 RT: 10.31 min Scan# 2842
 Delta R.T. -0.18 min
 Lab File: VU027171.D
 Acq: 26 Sep 2018 12:43

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-11S-092018

Tgt Ion: 75 Resp: 43400
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.9 62.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.354 ug/l
 RT: 10.31 min Scan# 2842
 Delta R.T. -0.20 min
 Lab File: VU027171.D
 Acq: 26 Sep 2018 12:43

Tgt Ion: 75 Resp: 43400
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0

