

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121918\
 Data File : VU028802.D
 Acq On : 19 Dec 2018 18:33
 Operator : MD/SY
 Sample : J6449-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-17D_R1

Quant Time: Dec 20 03:22:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

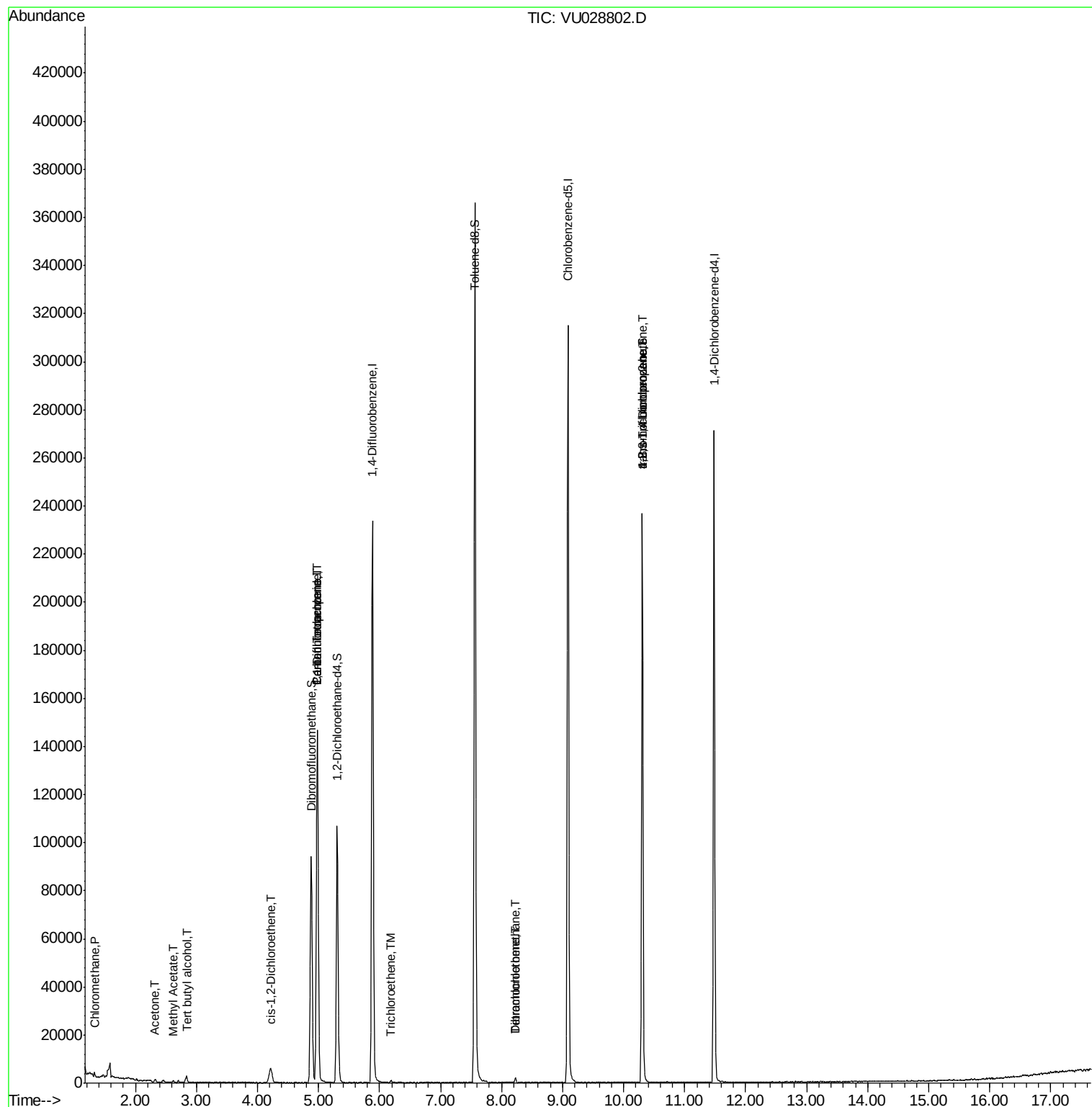
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	117604	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	203546	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	181347	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	72860	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	79955	44.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.10%	
35) Dibromofluoromethane	4.88	113	66533	51.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.88%	
50) Toluene-d8	7.57	98	258307	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
62) 4-Bromofluorobenzene	10.30	95	81570	43.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.14%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.33	50	1241	0.428	ug/l	100
11) Tert butyl alcohol	2.84	59	1786	4.467	ug/l #	73
16) Acetone	2.32	43	1303	1.113	ug/l	99
18) Methyl Acetate	2.62	43	993	0.327	ug/l #	81
27) cis-1,2-Dichloroethene	4.22	96	2369	1.420	ug/l	87
31) Cyclohexane	4.98	56	2129	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	9090	4.081	ug/l #	49
38) Carbon Tetrachloride	4.98	117	10626	5.919	ug/l #	15
44) Trichloroethene	6.19	130	402	0.276	ug/l	59
60) Dibromochloromethane	8.22	129	476	0.319	ug/l #	10
64) Tetrachloroethene	8.22	164	538	0.445	ug/l #	78
76) 1,2,3-Trichloropropane	10.30	75	38812	20.861	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.30	75	38812	51.277	ug/l #	100

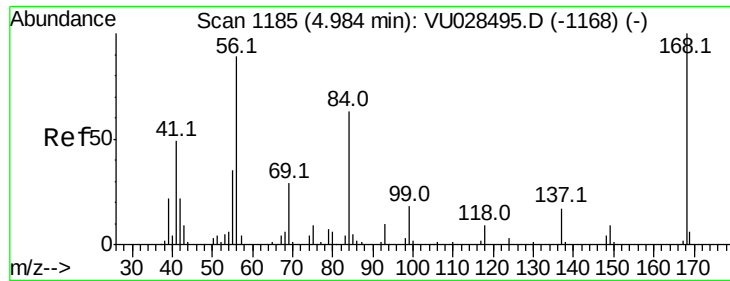
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 20 03:22:21 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028802.D

Acq: 19 Dec 2018 18:33

Instrument :

MSVOA_U

ClientSampleId :

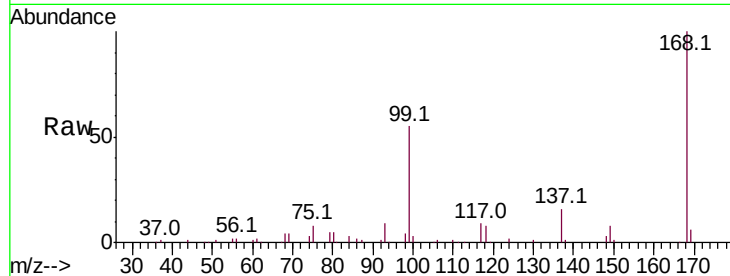
MW-17D_R1

Tot Ion:168 Resp: 117604

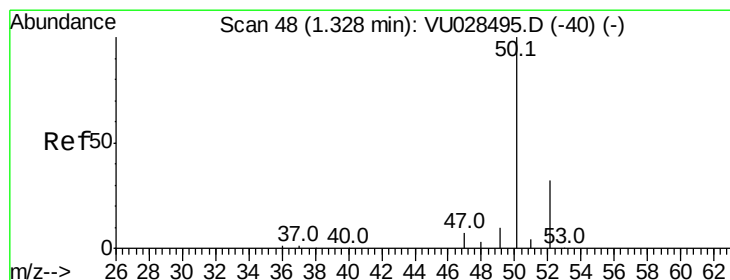
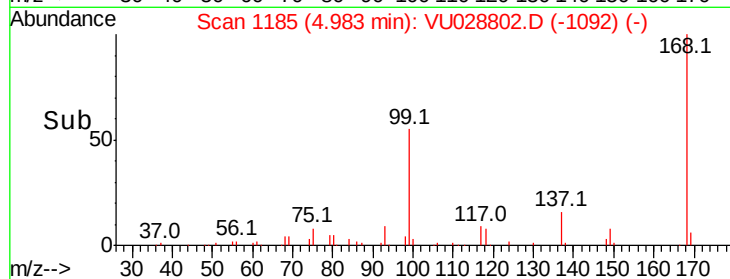
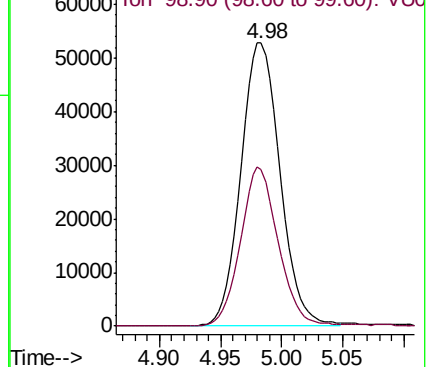
Ion Ratio Lower Upper

168 100

99 55.1 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)



#3

Chloromethane

Concen: 0.428 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU028802.D

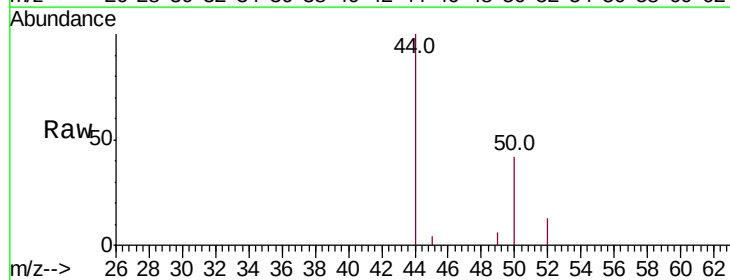
Acq: 19 Dec 2018 18:33

Tgt Ion: 50 Resp: 1241

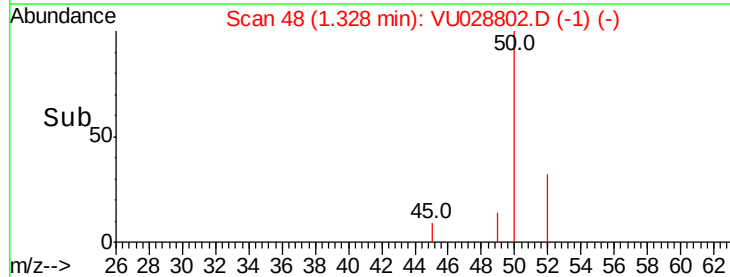
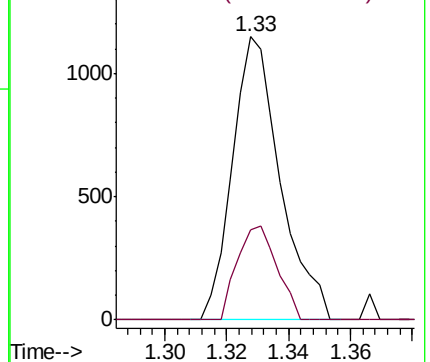
Ion Ratio Lower Upper

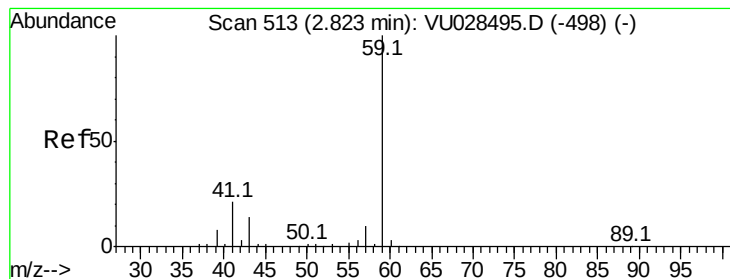
50 100

52 31.9 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VU028495.D (-40) (-)



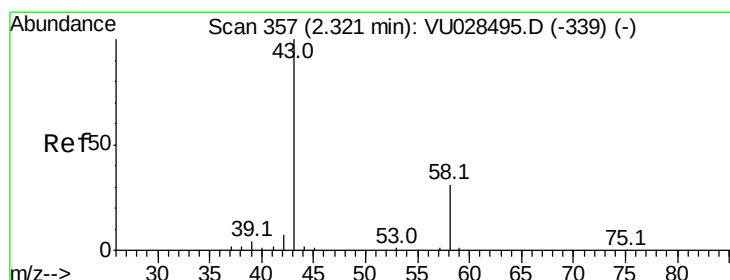
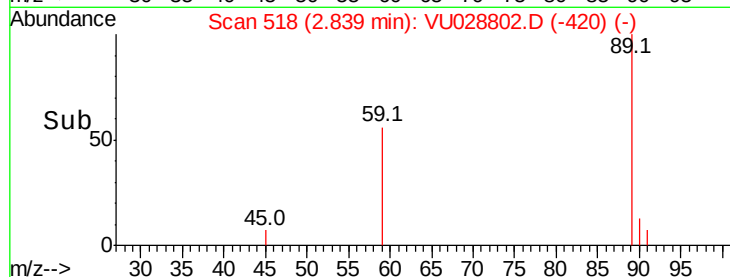
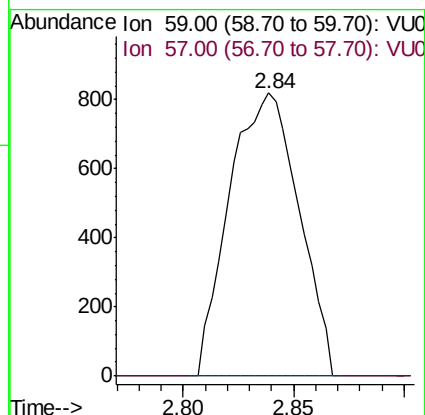
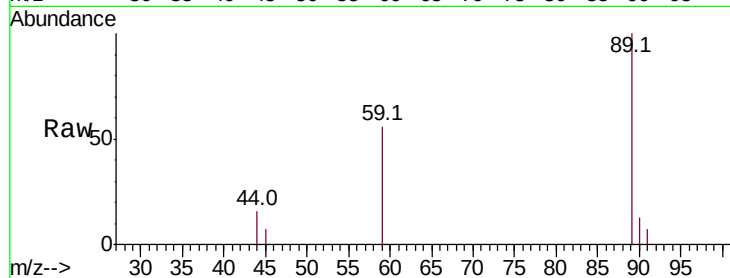


#11

Tert butyl alcohol
 Concen: 4.467 ug/l
 RT: 2.84 min Scan# 518
 Delta R.T. 0.02 min
 Lab File: VU028802.D
 Acq: 19 Dec 2018 18:33

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-17D_R1

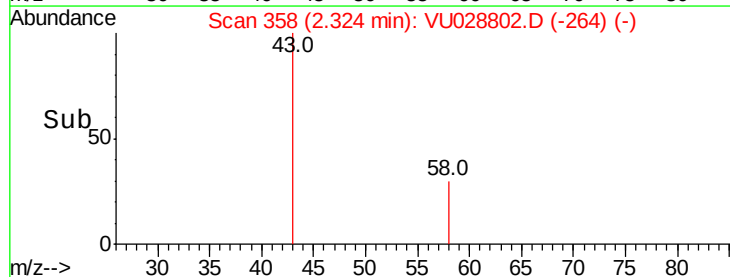
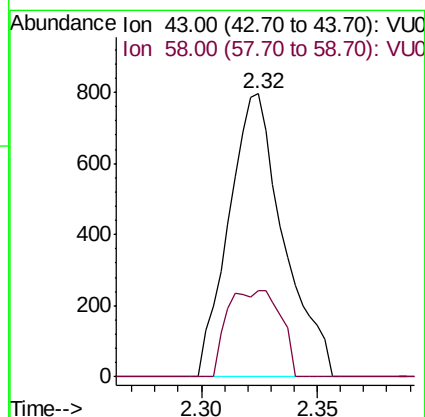
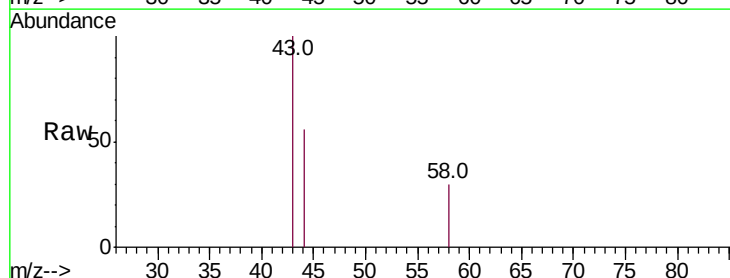
Tot Ion: 59 Resp: 1786
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.0 12.0#

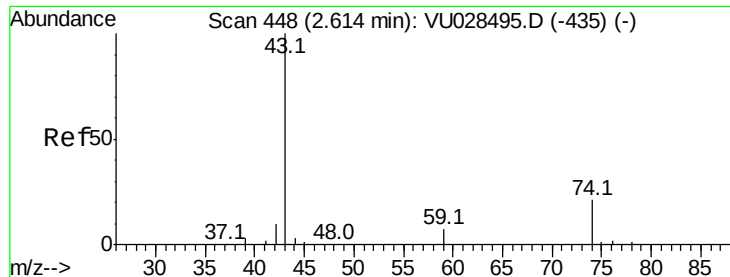


#16

Acetone
 Concen: 1.113 ug/l
 RT: 2.32 min Scan# 358
 Delta R.T. 0.00 min
 Lab File: VU028802.D
 Acq: 19 Dec 2018 18:33

Tgt Ion: 43 Resp: 1303
 Ion Ratio Lower Upper
 43 100
 58 30.4 24.6 37.0

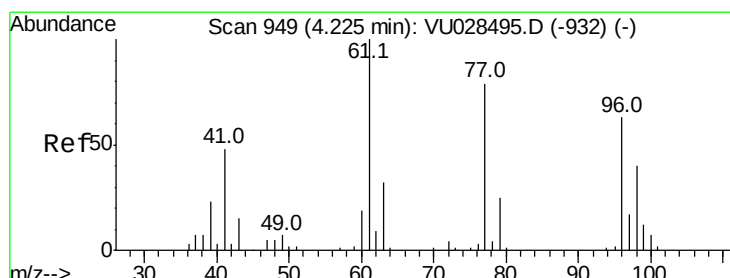
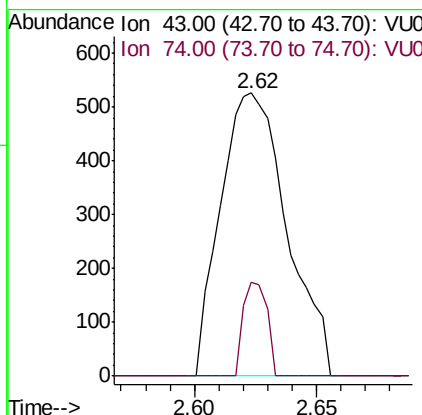
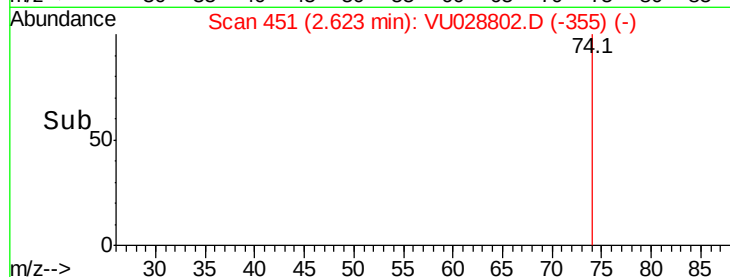
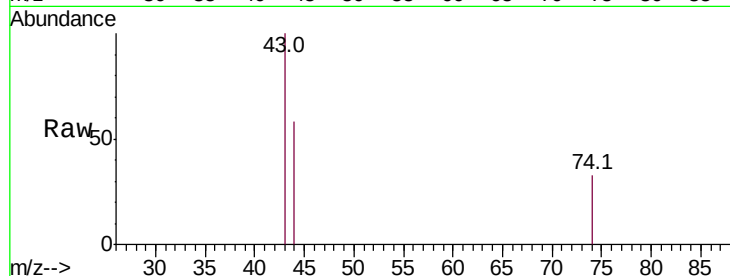




#18
Methvl Acetate
Concen: 0.327 ug/l
RT: 2.62 min Scan# 451
Delta R.T. 0.01 min
Lab File: VU028802.D
Acq: 19 Dec 2018 18:33

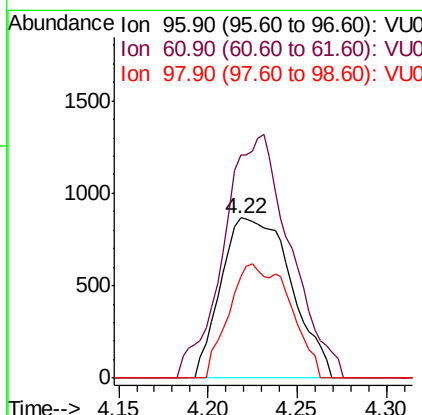
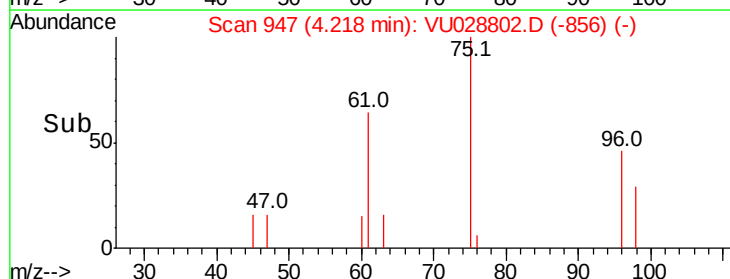
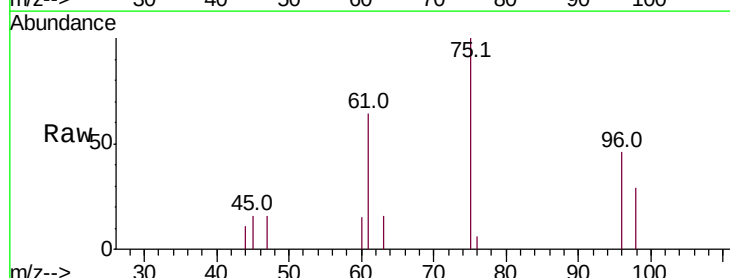
Instrument :
MSVOA_U
ClientSampleId :
MW-17D_R1

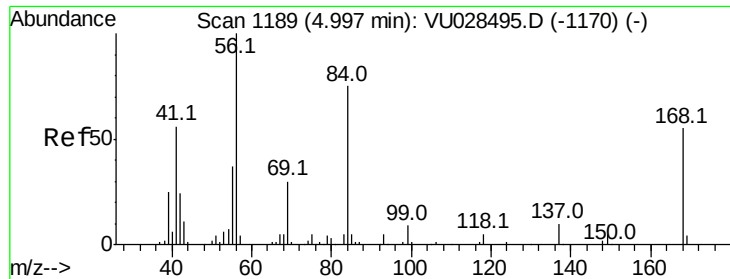
Tot Ion: 43 Resp: 993
Ion Ratio Lower Upper
43 100
74 11.7 16.4 24.6#



#27
cis-1,2-Dichloroethene
Concen: 1.420 ug/l
RT: 4.22 min Scan# 947
Delta R.T. -0.01 min
Lab File: VU028802.D
Acq: 19 Dec 2018 18:33

Tgt Ion: 96 Resp: 2369
Ion Ratio Lower Upper
96 100
61 143.9 0.0 332.4
98 61.9 0.0 129.0

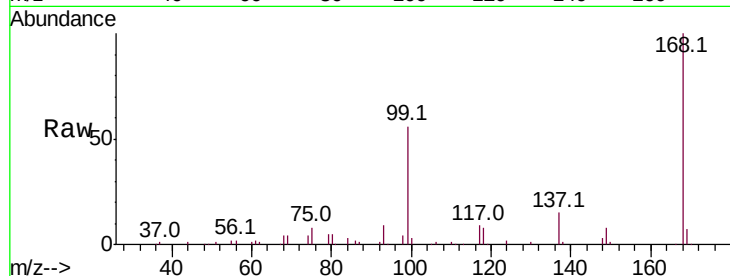




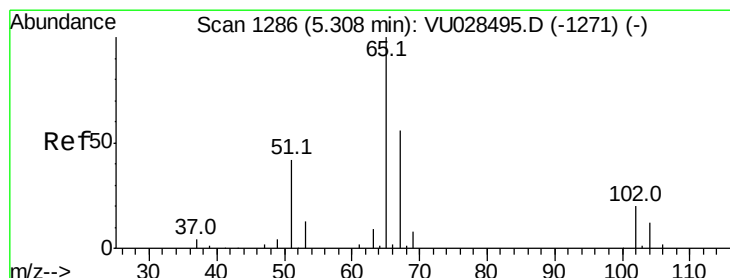
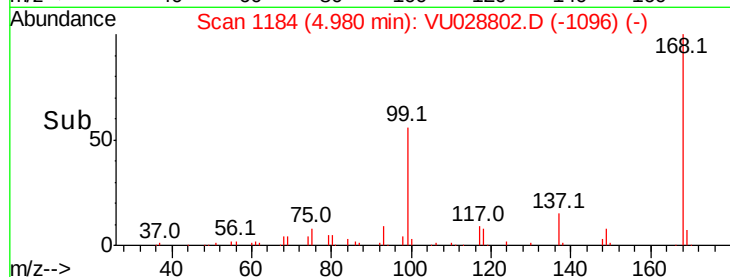
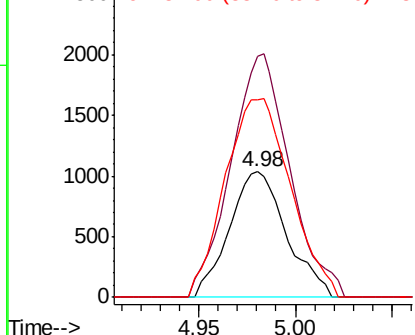
#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1184
Delta R.T. -0.02 min
Lab File: VU028802.D
Acq: 19 Dec 2018 18:33

Instrument :
MSVOA_U
ClientSampleId :
MW-17D_R1

Tot Ion: 56 Resp: 2129
Ion Ratio Lower Upper
56 100
69 192.0 24.0 36.0#
84 157.3 59.7 89.5#

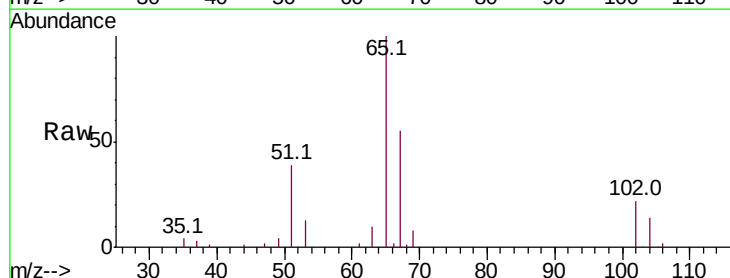


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

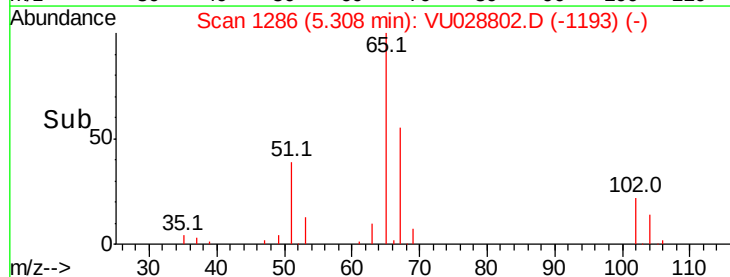
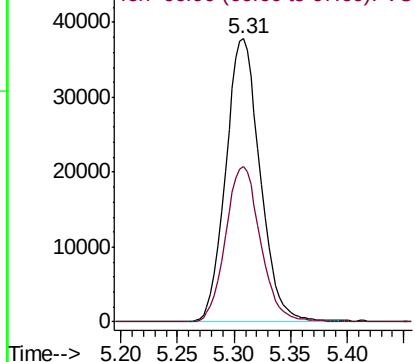


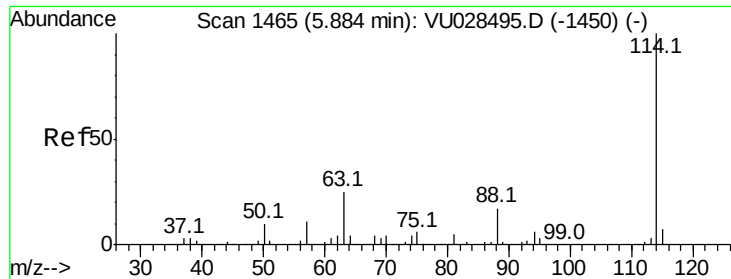
#33
1,2-Dichloroethane-d4
Concen: 44.550 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. -0.00 min
Lab File: VU028802.D
Acq: 19 Dec 2018 18:33

Tgt Ion: 65 Resp: 79955
Ion Ratio Lower Upper
65 100
67 55.8 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU0
Ion 66.90 (66.60 to 67.60): VU0

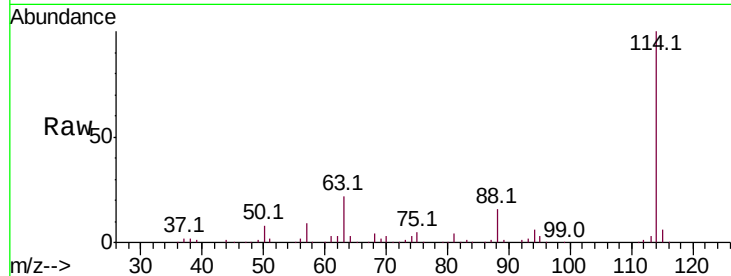




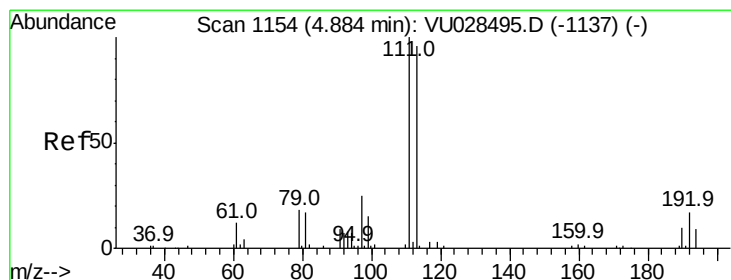
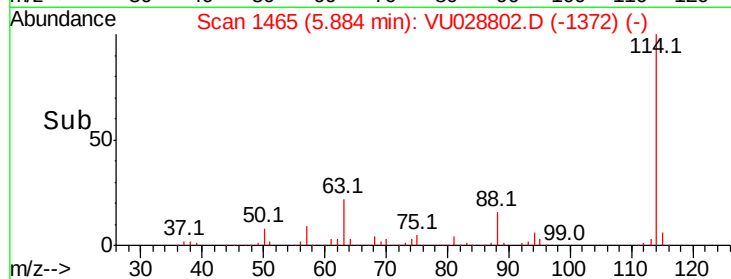
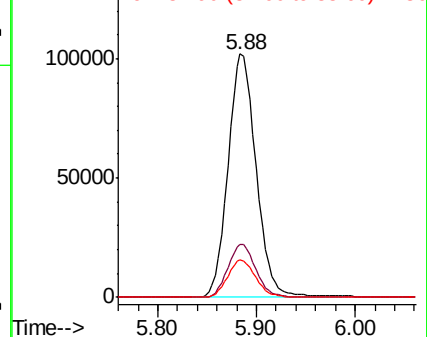
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028802.D
 Acq: 19 Dec 2018 18:33

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-17D_R1

Tot Ion:	114	Resp:	203546
Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	49.2
88	15.5	0.0	33.4

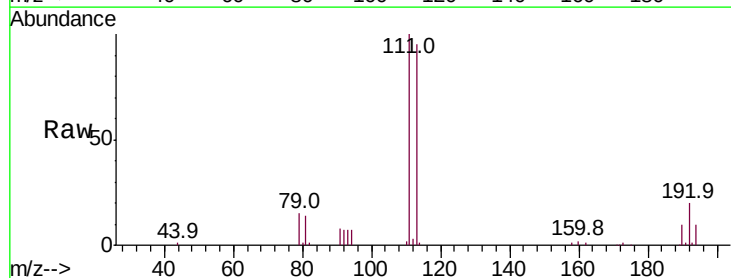


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

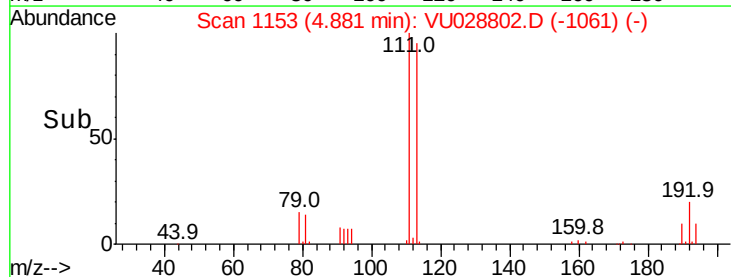
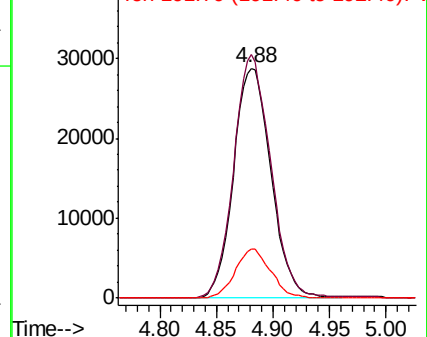


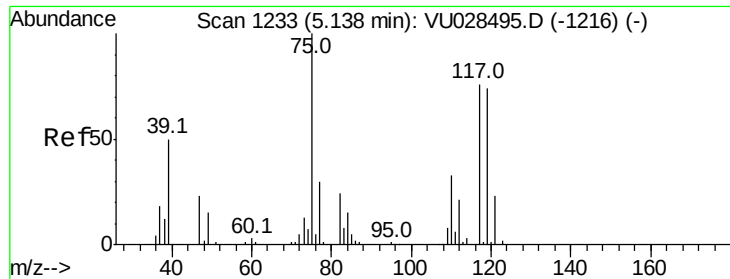
#35
 Dibromofluoromethane
 Concen: 51.941 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028802.D
 Acq: 19 Dec 2018 18:33

Tgt Ion:	113	Resp:	66533
Ion	Ratio	Lower	Upper
113	100		
111	104.1	83.4	125.0
192	20.1	14.8	22.2



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: 4.081 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.16 min

Lab File: VU028802.D

Acq: 19 Dec 2018 18:33

Instrument :

MSVOA_U

ClientSampleId :

MW-17D_R1

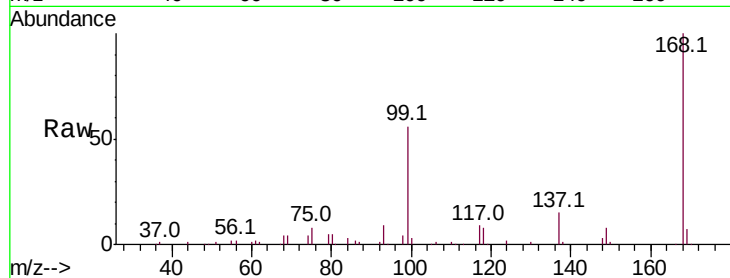
Tot Ion: 75 Resp: 9090

Ion Ratio Lower Upper

75 100

110 6.8 16.1 48.2#

77 0.0 24.5 36.7#

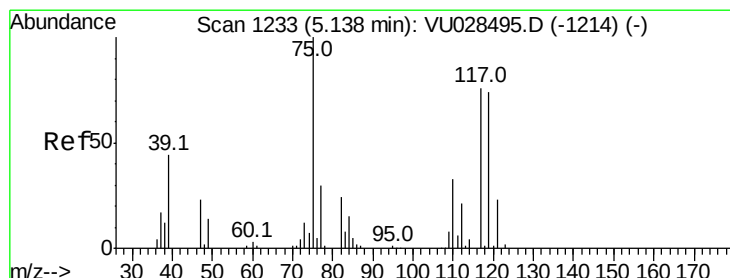
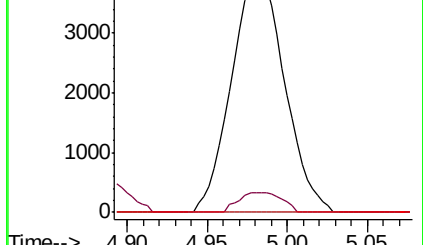
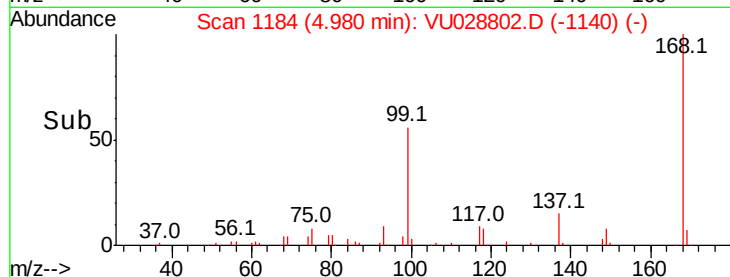


Abundance Ion 74.90 (74.60 to 75.60): VU028802.D (-1140) (-)

Ion 109.90 (109.60 to 110.60): VU028802.D (-1140) (-)

Ion 76.90 (76.60 to 77.60): VU028802.D (-1140) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 5.919 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU028802.D

Acq: 19 Dec 2018 18:33

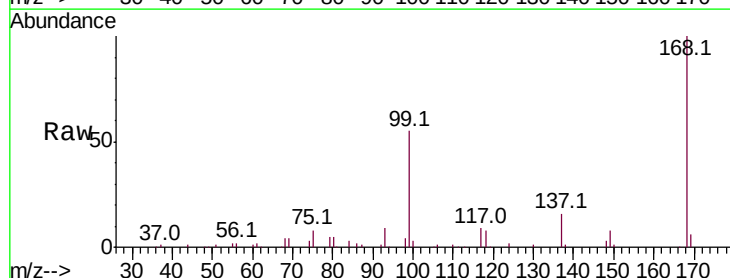
Tgt Ion: 117 Resp: 10626

Ion Ratio Lower Upper

117 100

119 3.9 77.6 116.4#

121 0.0 24.6 36.8#

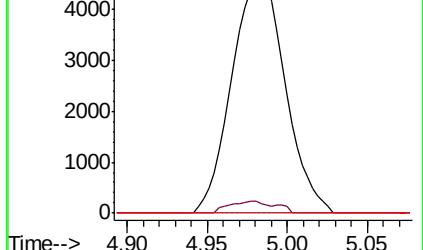
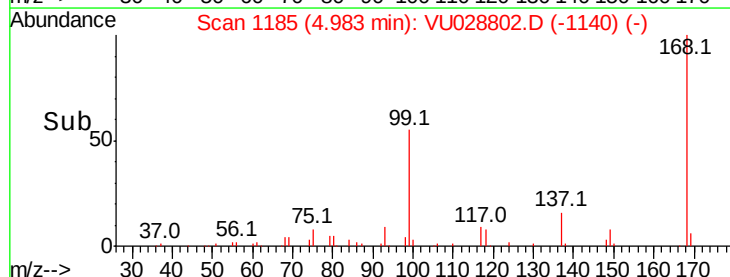


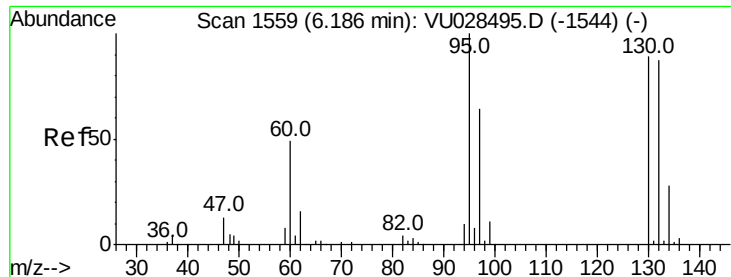
Abundance Ion 116.80 (116.50 to 117.50): VU028802.D (-1140) (-)

Ion 118.80 (118.50 to 119.50): VU028802.D (-1140) (-)

Ion 120.80 (120.50 to 121.50): VU028802.D (-1140) (-)

Time-->





#44

Trichloroethene

Concen: 0.276 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU028802.D

Acq: 19 Dec 2018 18:33

Instrument :

MSVOA_U

ClientSampleId :

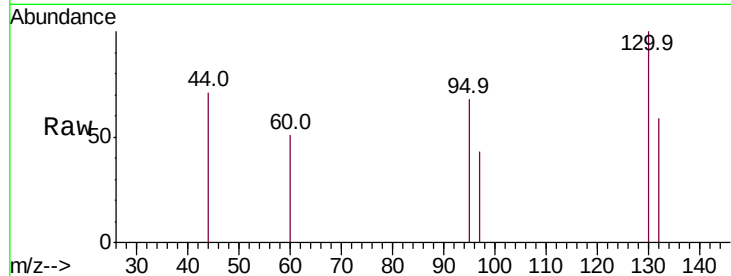
MW-17D_R1

Tot Ion:130 Resp: 402

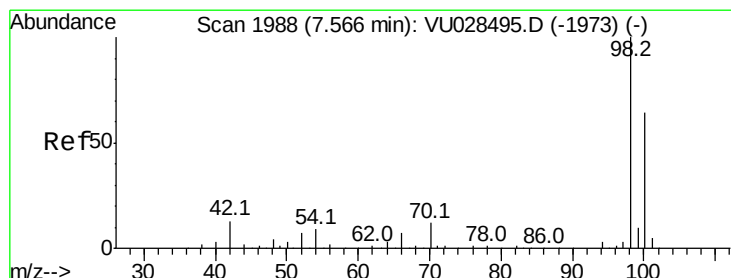
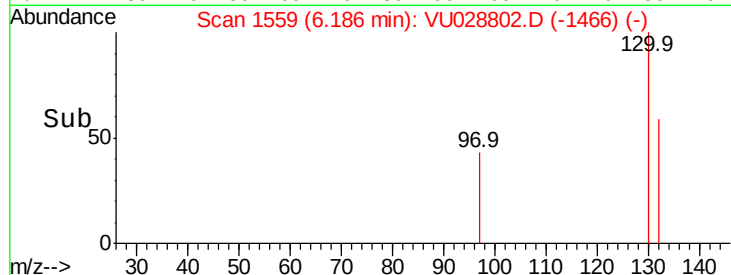
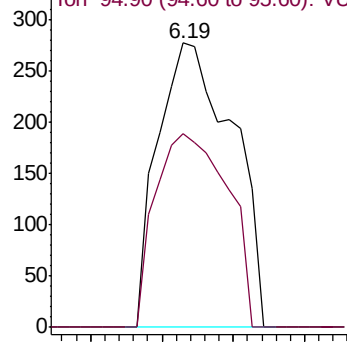
Ion Ratio Lower Upper

130 100

95 67.9 0.0 224.0



Abundance Ion 129.80 (129.50 to 130.50): VU028495.D (-1544) (-)



#50

Toluene-d8

Concen: 50.977 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028802.D

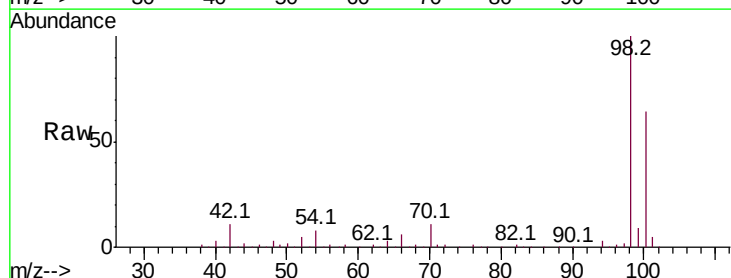
Acq: 19 Dec 2018 18:33

Tgt Ion: 98 Resp: 258307

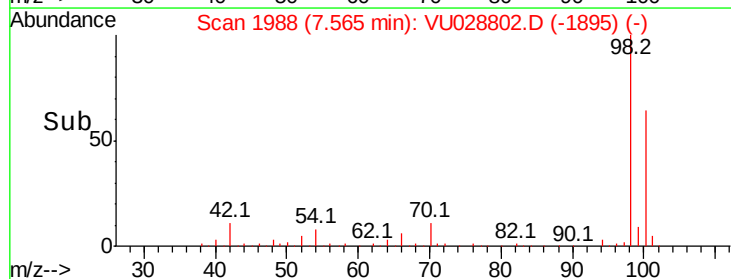
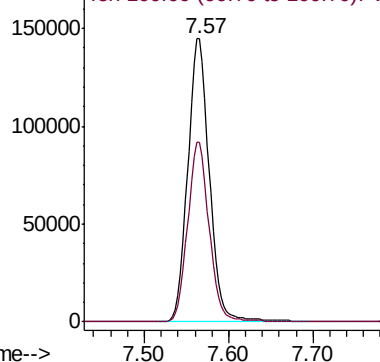
Ion Ratio Lower Upper

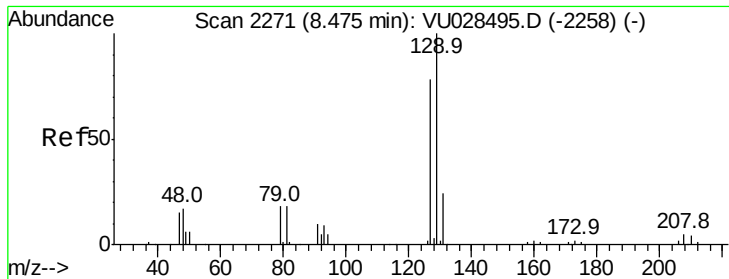
98 100

100 62.9 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU028495.D (-1973) (-)





#60

Dibromochloromethane

Concen: 0.319 ug/l

RT: 8.22 min Scan# 2193

Delta R.T. -0.25 min

Lab File: VU028802.D

Acq: 19 Dec 2018 18:33

Instrument :

MSVOA_U

ClientSampleId :

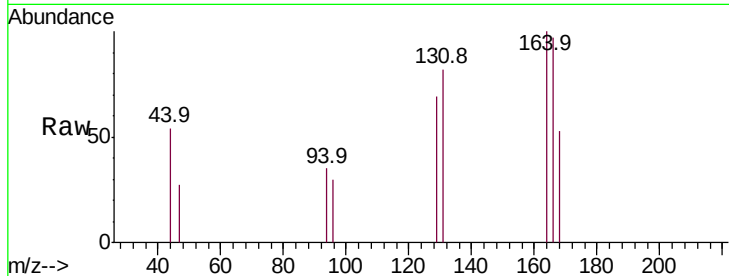
MW-17D_R1

Tot Ion:129 Resp: 476

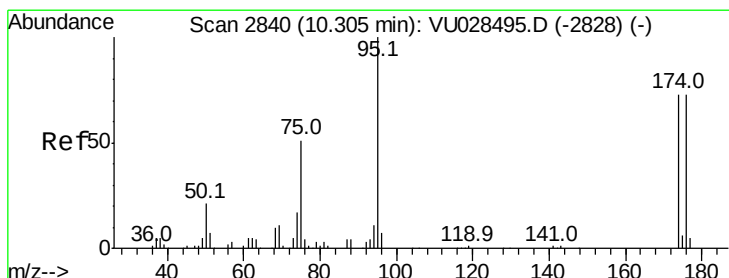
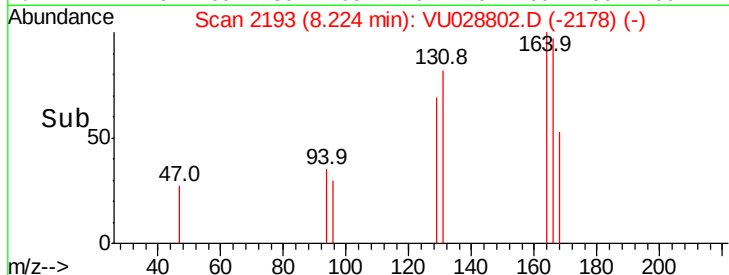
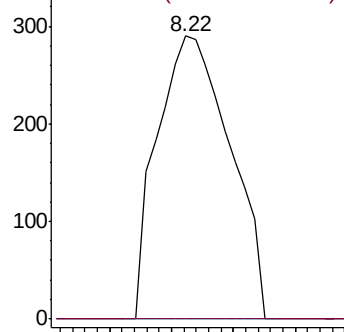
Ion Ratio Lower Upper

129 100

127 0.0 39.1 117.3#



Abundance Ion 128.80 (128.50 to 129.50): V



#62

4-Bromofluorobenzene

Concen: 43.070 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028802.D

Acq: 19 Dec 2018 18:33

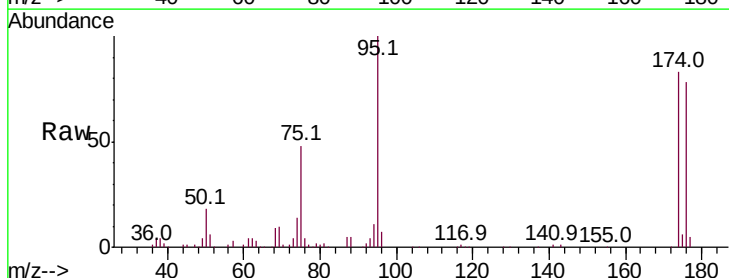
Tgt Ion: 95 Resp: 81570

Ion Ratio Lower Upper

95 100

174 82.5 0.0 150.4

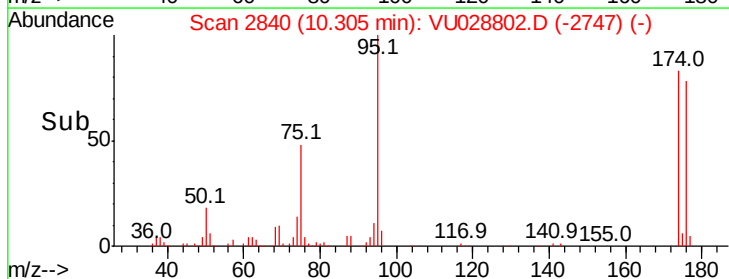
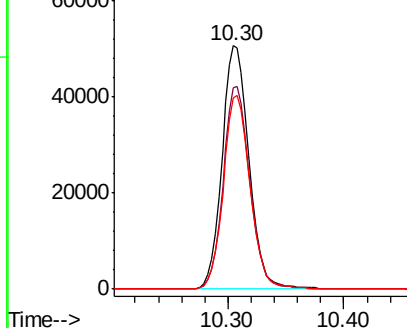
176 78.9 0.0 145.2

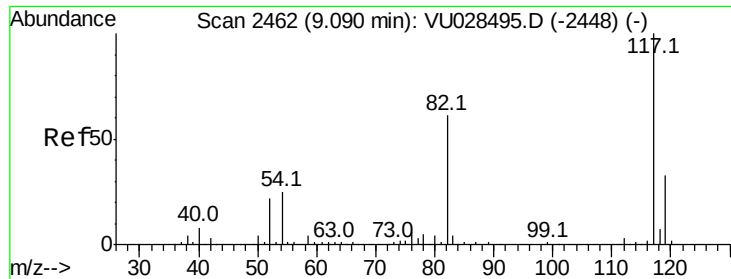


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

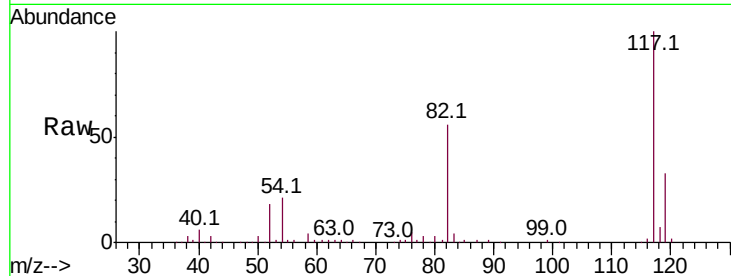




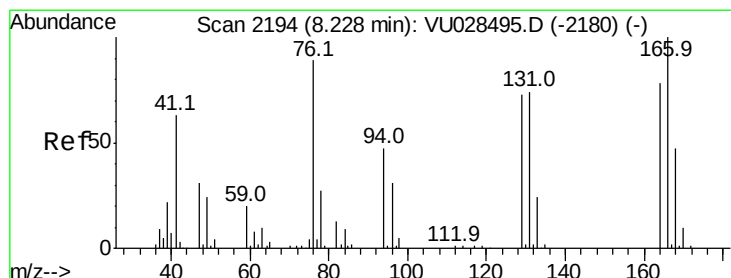
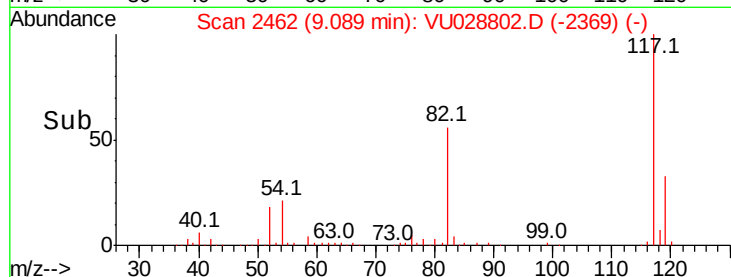
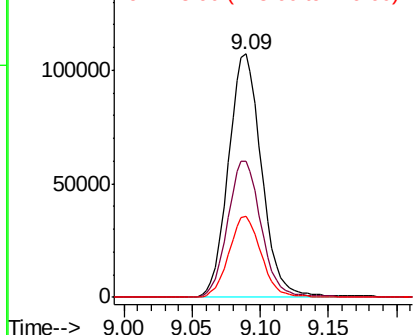
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028802.D
Acq: 19 Dec 2018 18:33

Instrument :
MSVOA_U
ClientSampleId :
MW-17D_R1

Tot Ion:117 Resp: 181347
Ion Ratio Lower Upper
117 100
82 55.9 48.9 73.3
119 33.1 26.2 39.4

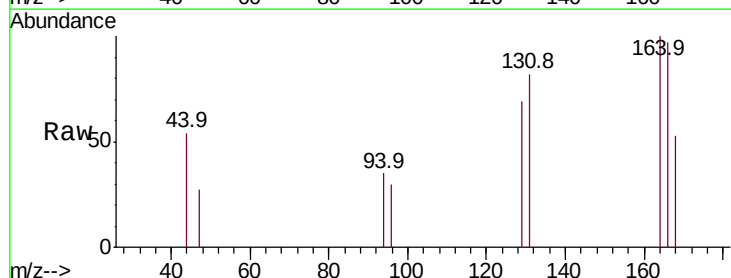


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

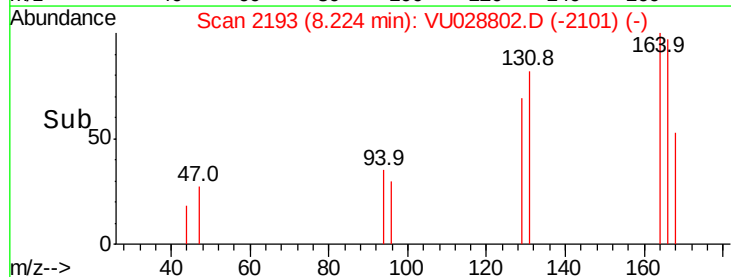
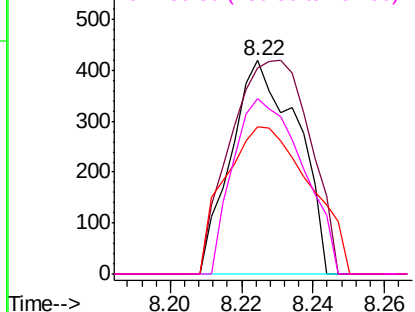


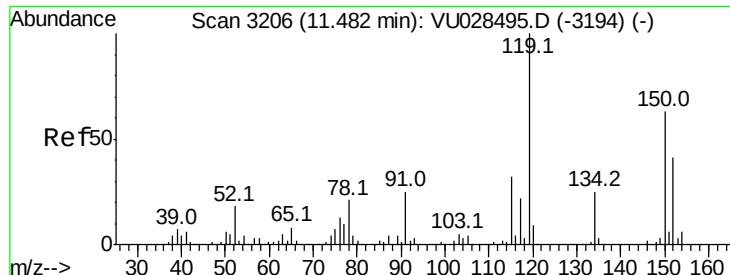
#64
Tetrachloroethene
Concen: 0.445 ug/l
RT: 8.22 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU028802.D
Acq: 19 Dec 2018 18:33

Tgt Ion:164 Resp: 538
Ion Ratio Lower Upper
164 100
166 96.9 101.9 152.9#
129 69.2 74.9 112.3#
131 82.3 75.4 113.0



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



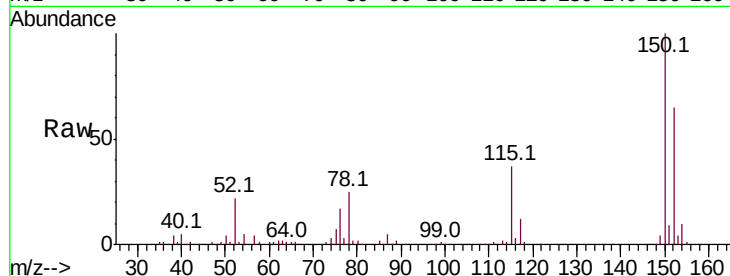


#72

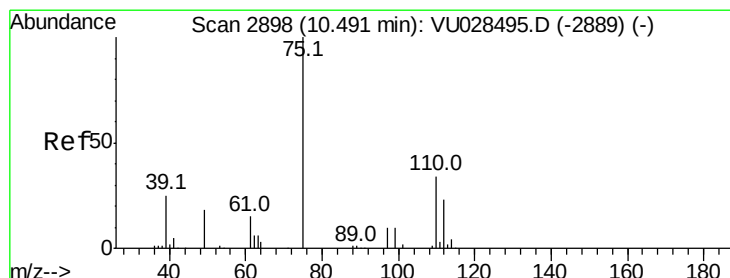
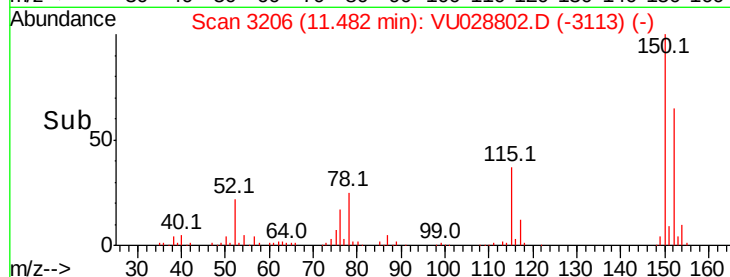
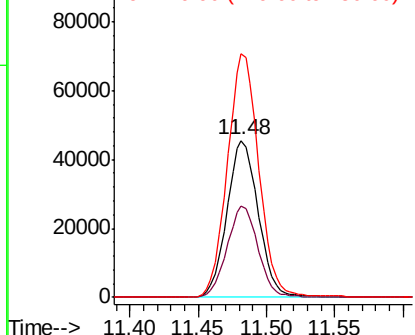
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028802.D
Acq: 19 Dec 2018 18:33

Instrument :
MSVOA_U
ClientSampleId :
MW-17D_R1

Tot Ion:152 Resp: 72860
Ion Ratio Lower Upper
152 100
115 57.7 42.7 128.1
150 155.7 0.0 346.0



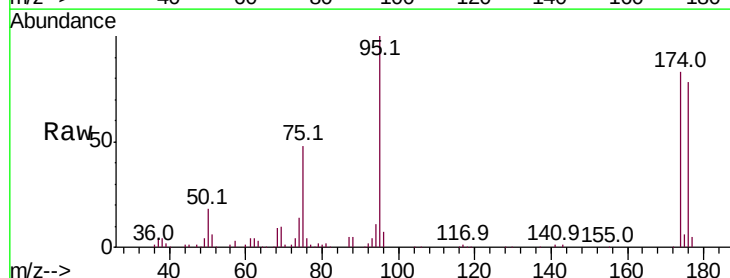
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



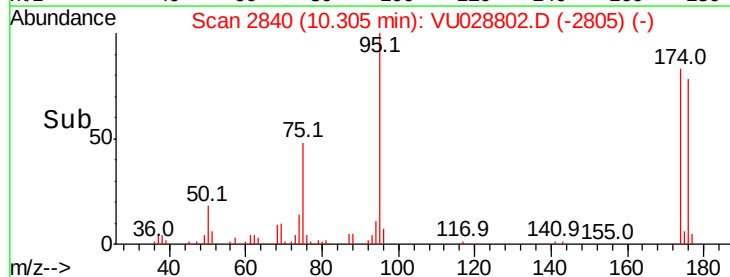
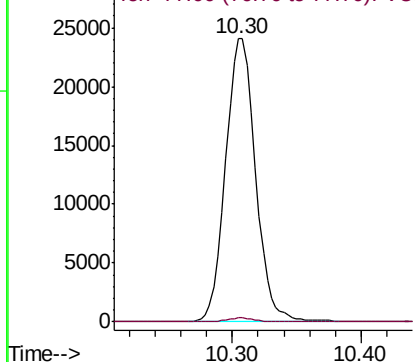
#76

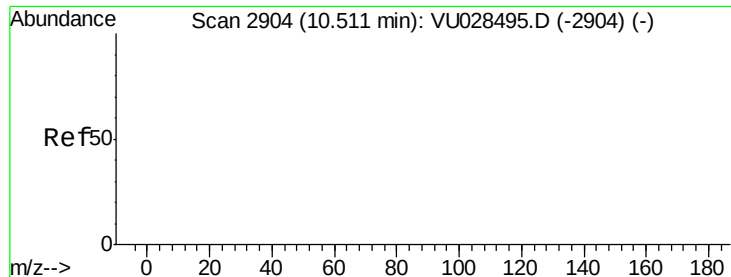
1,2,3-Trichloropropane
Concen: 20.861 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.19 min
Lab File: VU028802.D
Acq: 19 Dec 2018 18:33

Tgt Ion: 75 Resp: 38812
Ion Ratio Lower Upper
75 100
77 1.1 20.8 62.4#



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: 51.277 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.21 min

Lab File: VU028802.D

Acq: 19 Dec 2018 18:33

Instrument :

MSVOA_U

ClientSampleId :

MW-17D_R1

Tot Ion: 75 Resp: 38812

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0

