

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121918\
 Data File : VU028804.D
 Acq On : 19 Dec 2018 19:22
 Operator : MD/SY
 Sample : J6449-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-13B_R1

Quant Time: Dec 20 03:22:38 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	119199	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	204802	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	184867	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	73911	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	79239	43.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.12%	
35) Dibromofluoromethane	4.88	113	68367	53.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.10%	
50) Toluene-d8	7.56	98	259613	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.84%	
62) 4-Bromofluorobenzene	10.30	95	81878	42.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.94%	

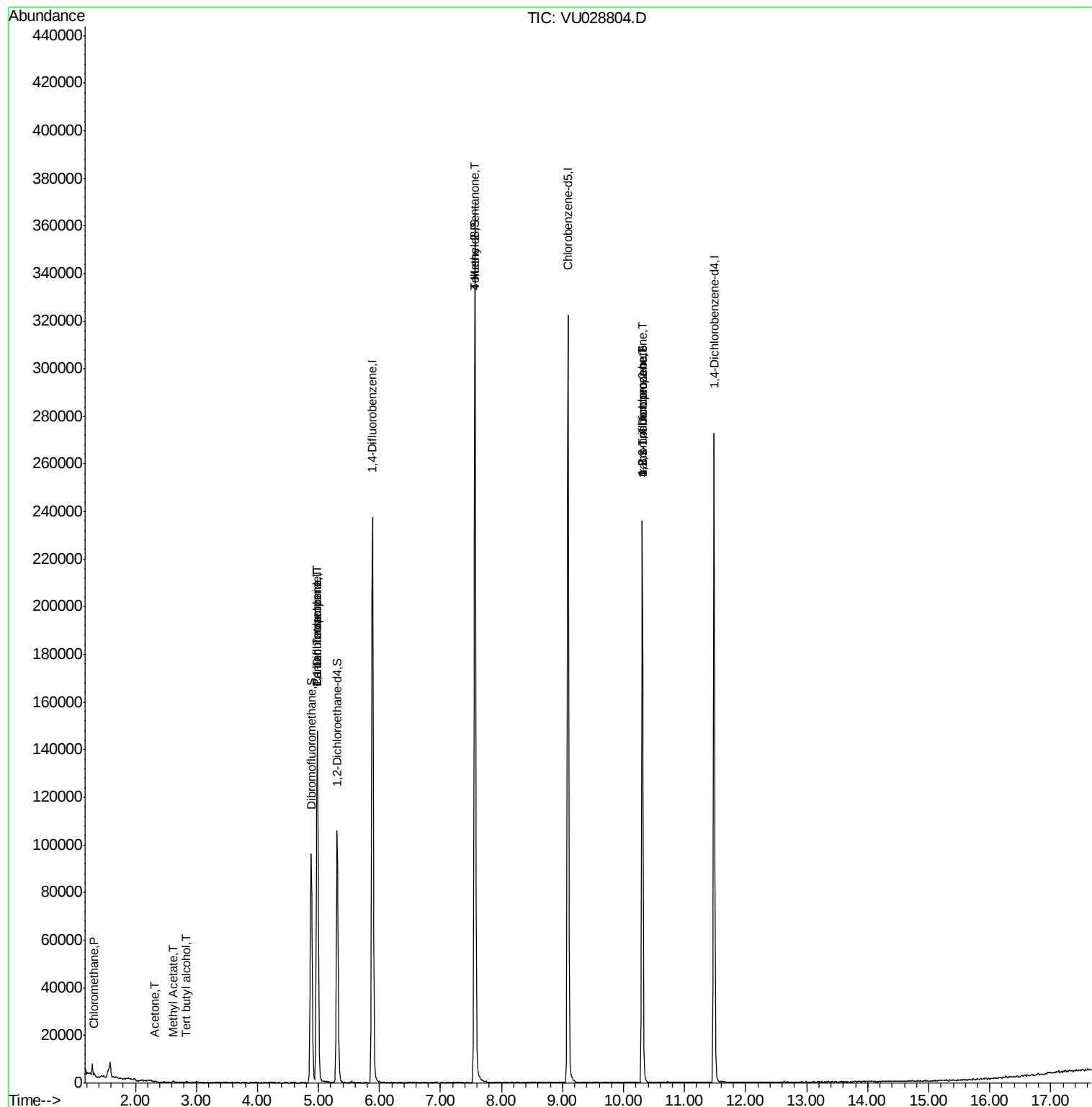
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	1129	0.384	ug/l	98
11) Tert butyl alcohol	2.84	59	261	0.644	ug/l #	73
16) Acetone	2.32	43	325	0.274	ug/l #	44
18) Methyl Acetate	2.63	43	975	0.317	ug/l #	56
31) Cyclohexane	4.98	56	2215	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	9183	4.098	ug/l #	48
38) Carbon Tetrachloride	4.98	117	10746	5.949	ug/l #	16
51) 4-Methyl-2-Pentanone	7.56	43	946	0.327	ug/l #	1
76) 1,2,3-Trichloropropane	10.30	75	39211	20.776	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.30	75	39211	51.070	ug/l #	100

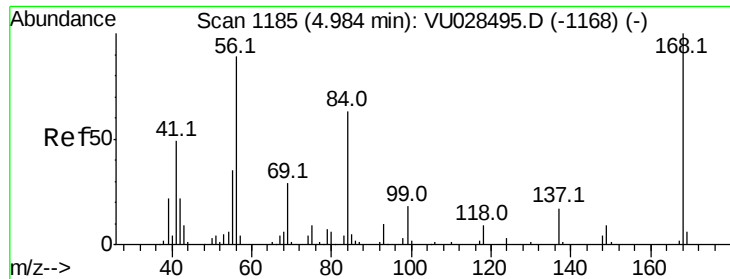
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU121918\
Data File : VU028804.D
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Misc : 5.0mL/MSVOA U/WATER
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Quant Time: Dec 20 03:22:38 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: VU028804.D

Acq: 19 Dec 2018 19:22

Instrument :

MSVOA_U

ClientSampleId :

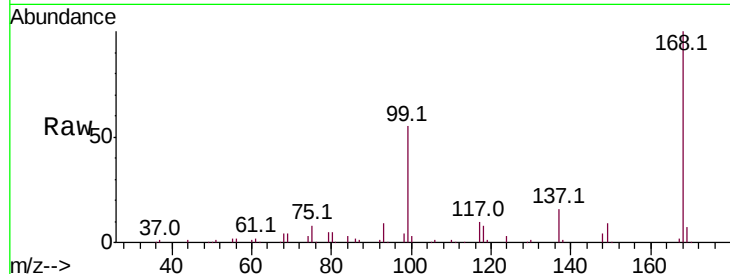
MW-13B_R1

Tot Ion:168 Resp: 119199

Ion Ratio Lower Upper

168 100

99 54.8 46.6 69.8



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

Ion 98.90 (98.60 to 99.60): VU028495.D (-1168) (-)

4.98

60000

50000

40000

30000

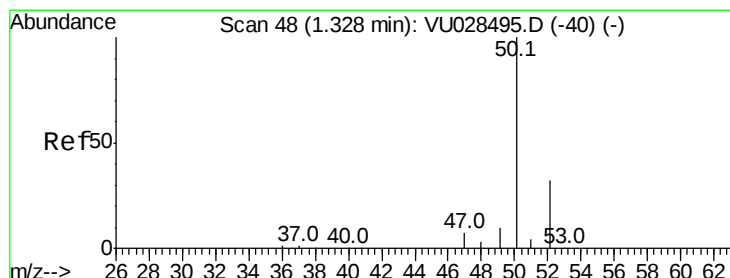
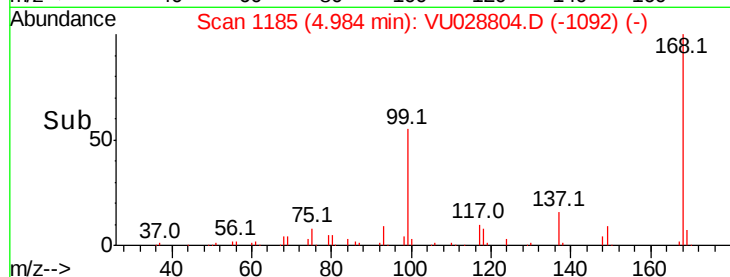
20000

10000

0

Time-->

4.90 5.00 5.10



#3

Chloromethane

Concen: 0.384 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU028804.D

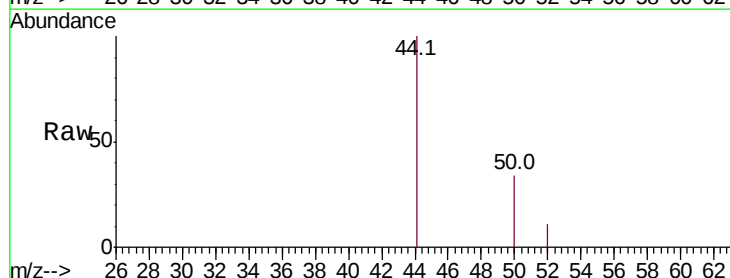
Acq: 19 Dec 2018 19:22

Tgt Ion: 50 Resp: 1129

Ion Ratio Lower Upper

50 100

52 32.8 25.5 38.3



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

Ion 51.90 (51.60 to 52.60): VU028495.D (-40) (-)

1.33

1000

800

600

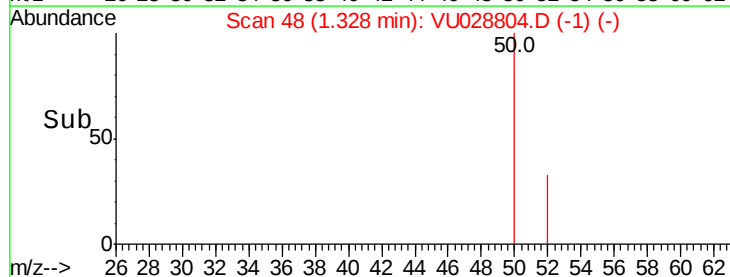
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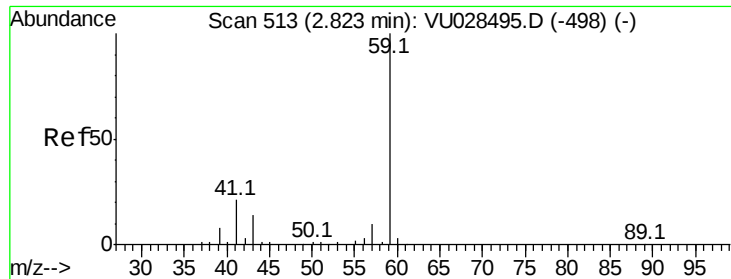
200

0

Time-->

1.30 1.32 1.34 1.36



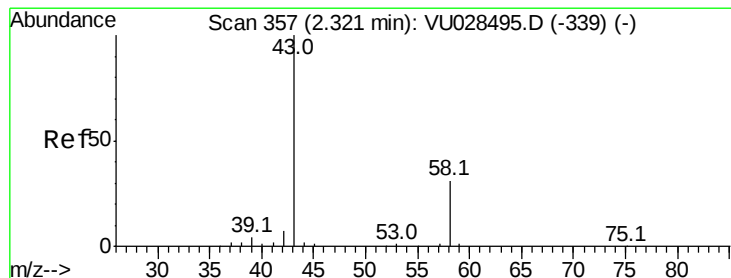
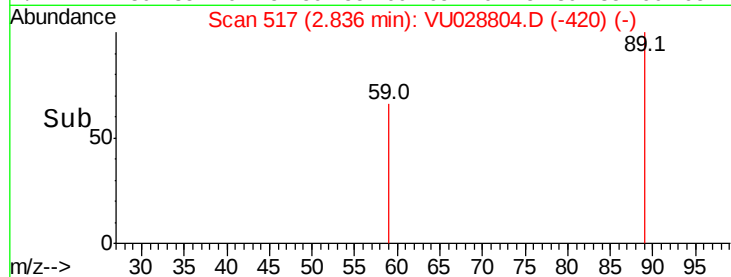
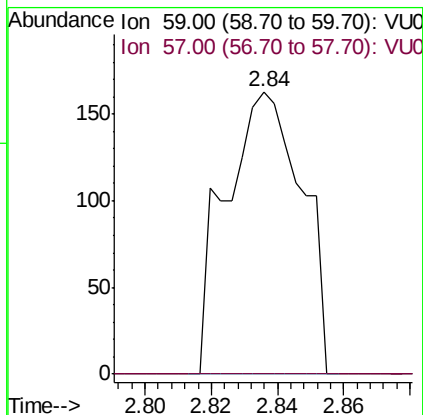
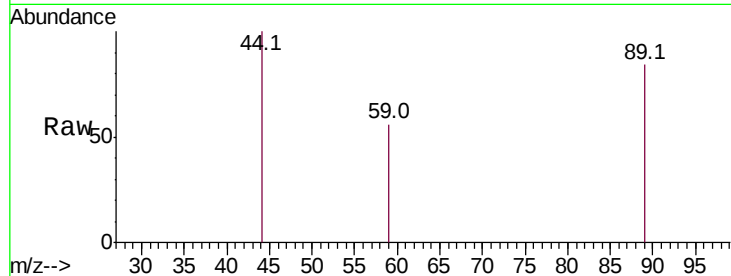


#11

Tert butyl alcohol
 Concen: 0.644 ug/l
 RT: 2.84 min Scan# 517
 Delta R.T. 0.01 min
 Lab File: VU028804.D
 Acq: 19 Dec 2018 19:22

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-13B_R1

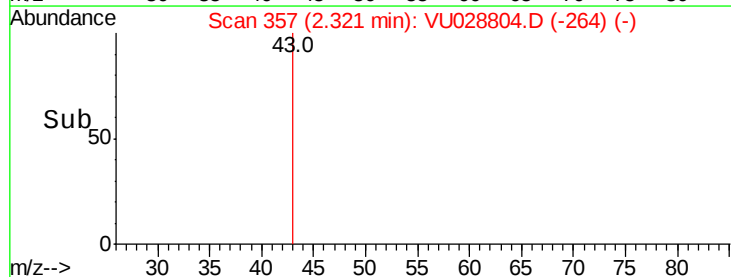
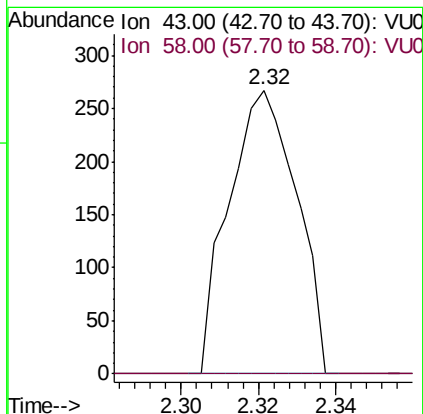
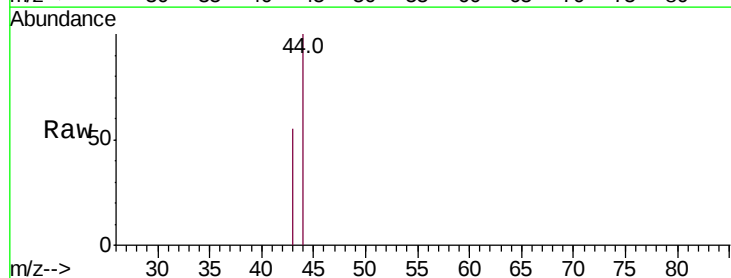
Tot Ion: 59 Resp: 261
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.0 12.0#

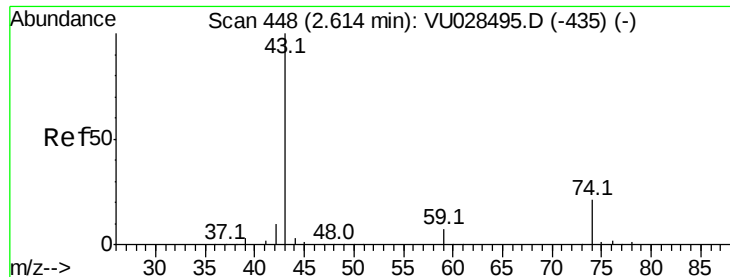


#16

Acetone
 Concen: 0.274 ug/l
 RT: 2.32 min Scan# 357
 Delta R.T. -0.00 min
 Lab File: VU028804.D
 Acq: 19 Dec 2018 19:22

Tgt Ion: 43 Resp: 325
 Ion Ratio Lower Upper
 43 100
 58 0.0 24.6 37.0#





#18

Methvl Acetate

Concen: 0.317 ug/l

RT: 2.63 min Scan# 452

Delta R.T. 0.01 min

Lab File: VU028804.D

Acq: 19 Dec 2018 19:22

Instrument :

MSVOA_U

ClientSampleId :

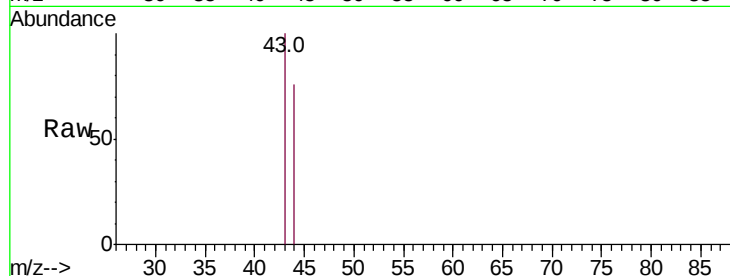
MW-13B_R1

Tot Ion: 43 Resp: 975

Ion Ratio Lower Upper

43 100

74 0.0 16.4 24.6#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

2.63

400

300

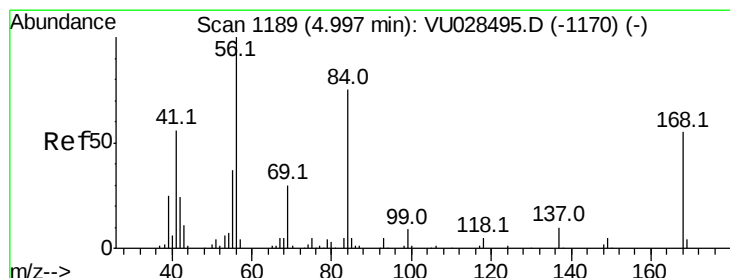
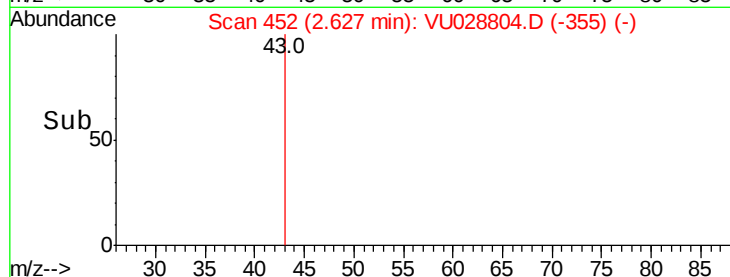
200

100

0

2.60 2.65

Time-->



#31

Cyclohexane

Concen: Below Cal

RT: 4.98 min Scan# 1183

Delta R.T. -0.02 min

Lab File: VU028804.D

Acq: 19 Dec 2018 19:22

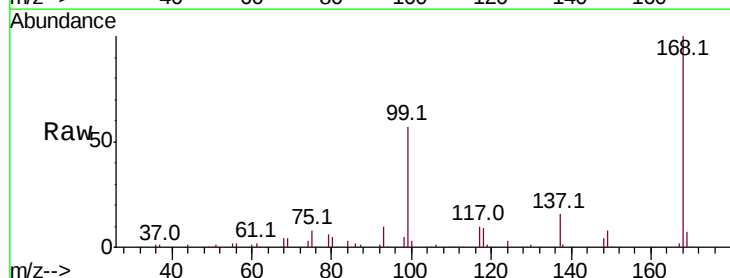
Tgt Ion: 56 Resp: 2215

Ion Ratio Lower Upper

56 100

69 202.8 24.0 36.0#

84 156.9 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

3000

2500

2000

1500

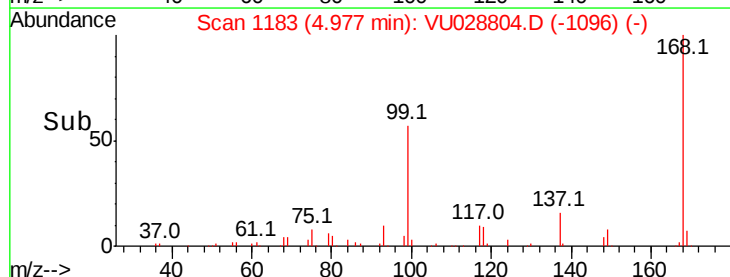
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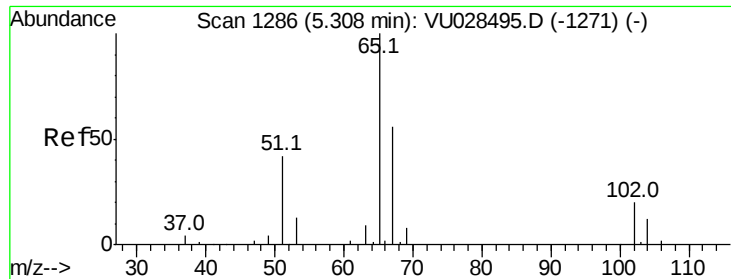
500

0

4.95 5.00

Time-->

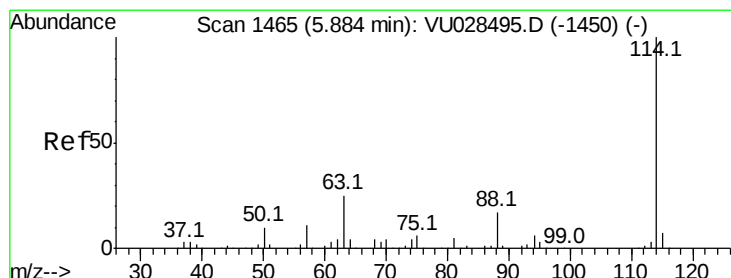
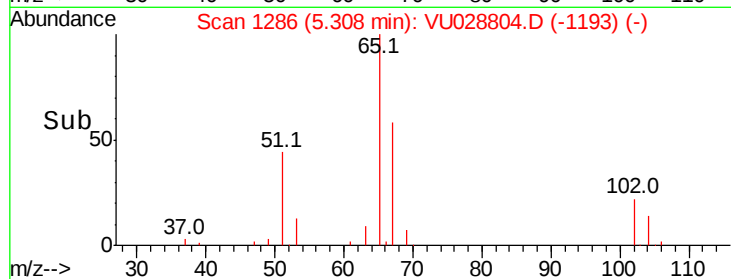
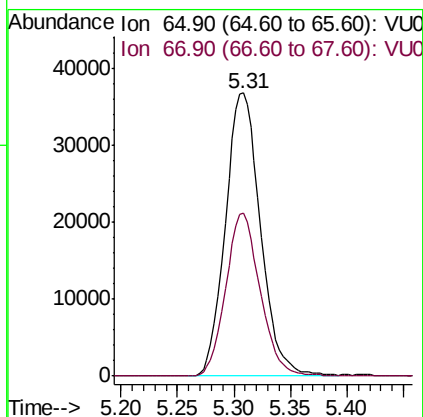
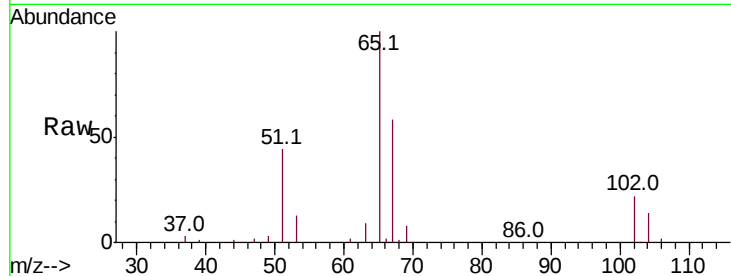




#33
 1,2-Dichloroethane-d4
 Concen: 43.561 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU028804.D
 Acq: 19 Dec 2018 19:22

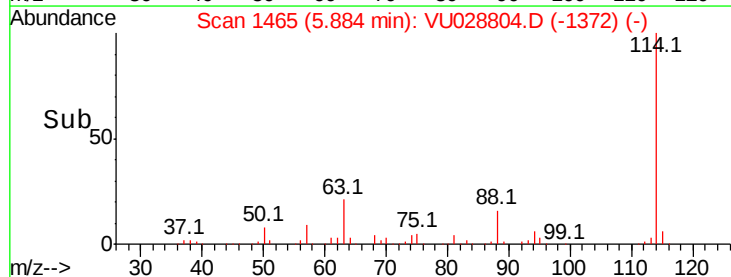
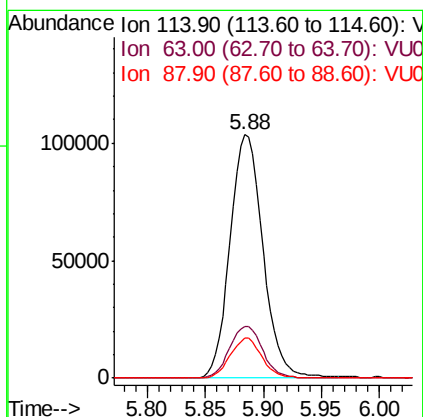
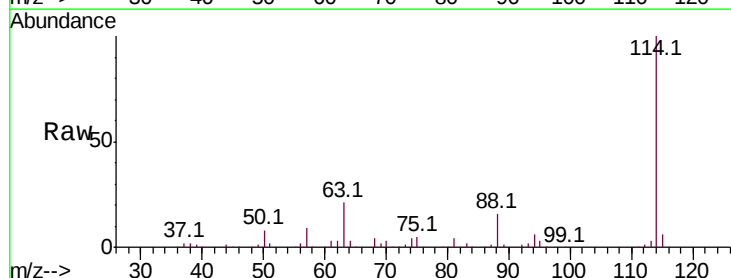
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-13B_R1

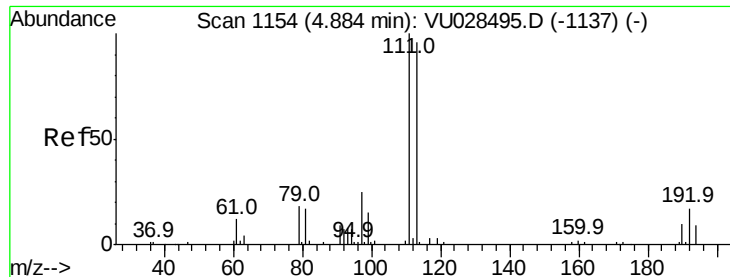
Tot Ion: 65 Resp: 79239
 Ion Ratio Lower Upper
 65 100
 67 56.4 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028804.D
 Acq: 19 Dec 2018 19:22

Tgt Ion: 114 Resp: 204802
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 49.2
 88 16.4 0.0 33.4

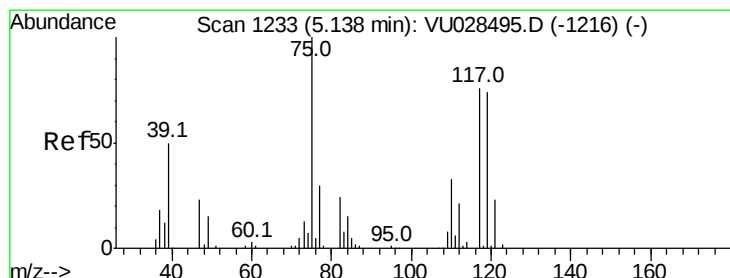
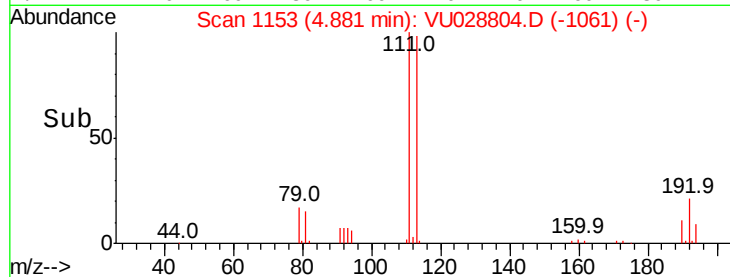
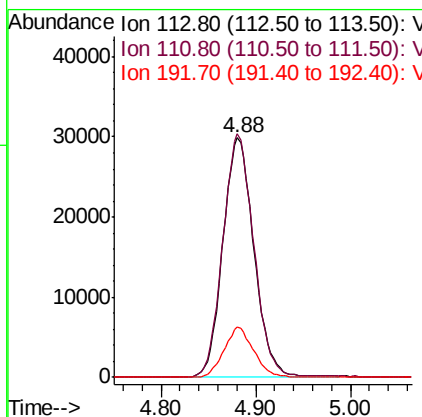
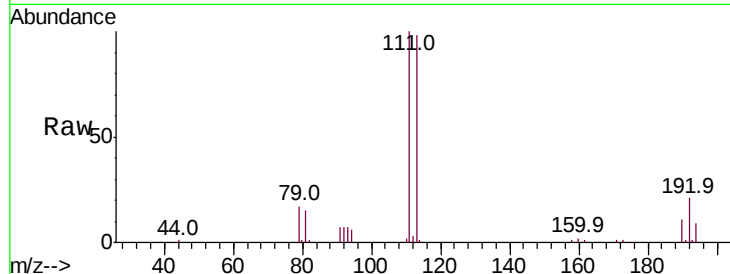




#35
 Dibromofluoromethane
 Concen: 53.046 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028804.D
 Acq: 19 Dec 2018 19:22

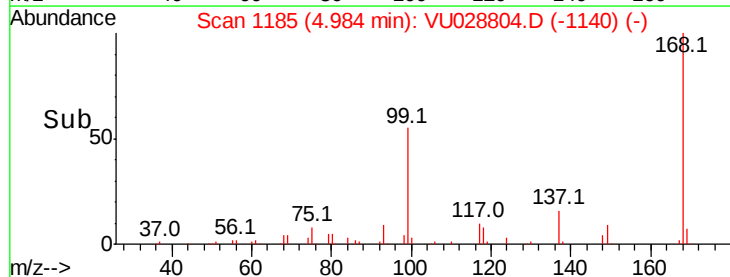
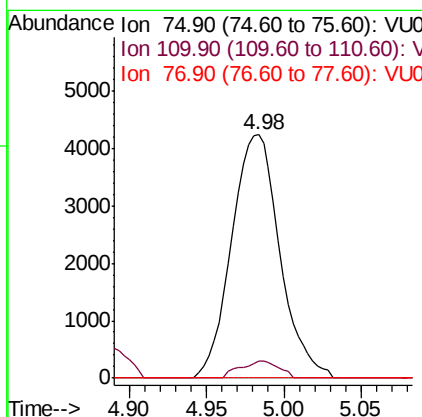
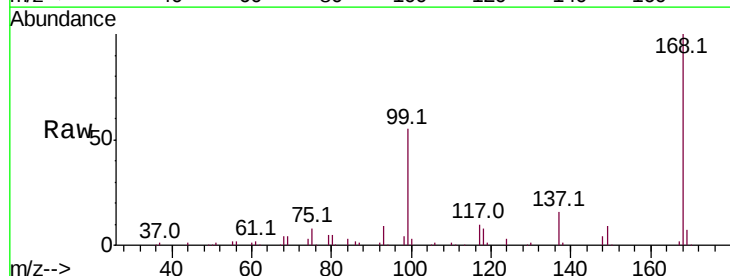
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-13B_R1

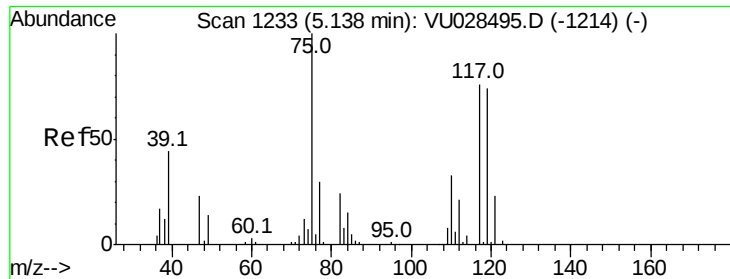
Tot Ion:113 Resp: 68367
 Ion Ratio Lower Upper
 113 100
 111 100.5 83.4 125.0
 192 19.9 14.8 22.2



#36
 1,1-Dichloropropene
 Concen: 4.098 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU028804.D
 Acq: 19 Dec 2018 19:22

Tgt Ion: 75 Resp: 9183
 Ion Ratio Lower Upper
 75 100
 110 5.6 16.1 48.2#
 77 0.0 24.5 36.7#





#38

Carbon Tetrachloride

Concen: 5.949 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.16 min

Lab File: VU028804.D

Acq: 19 Dec 2018 19:22

Instrument :

MSVOA_U

ClientSampleId :

MW-13B_R1

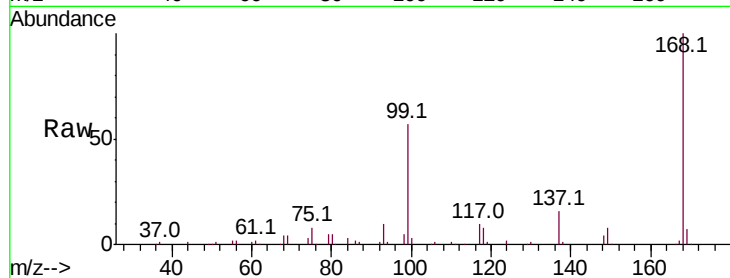
Tot Ion:117 Resp: 10746

Ion Ratio Lower Upper

117 100

119 5.8 77.6 116.4#

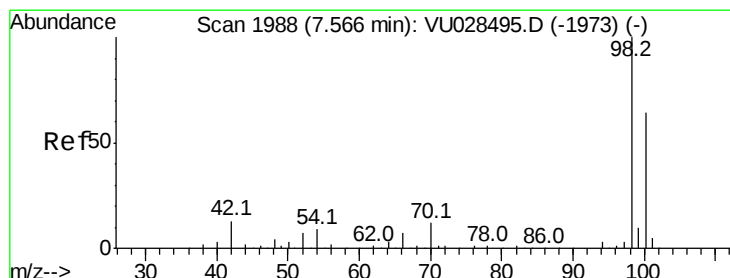
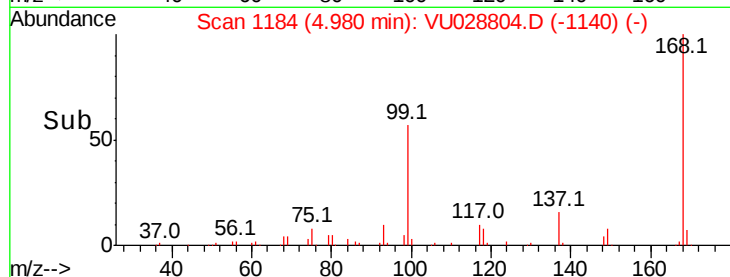
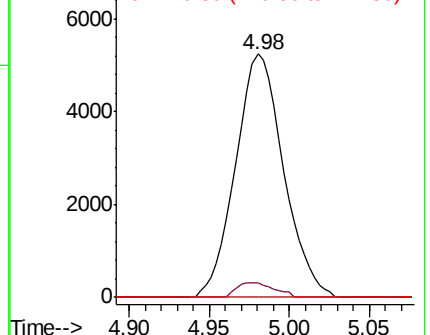
121 0.0 24.6 36.8#



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: 50.921 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VU028804.D

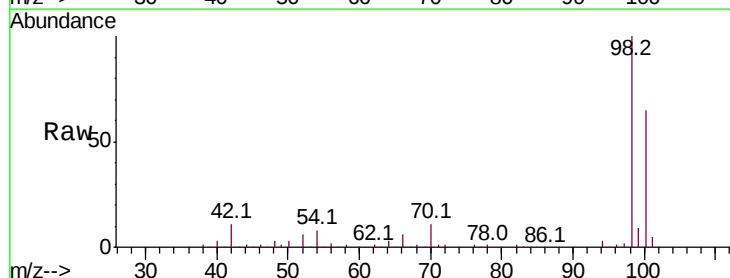
Acq: 19 Dec 2018 19:22

Tgt Ion: 98 Resp: 259613

Ion Ratio Lower Upper

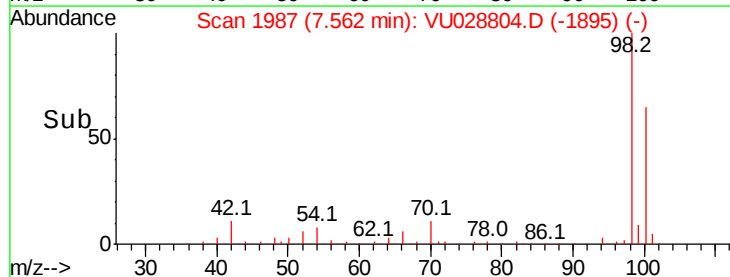
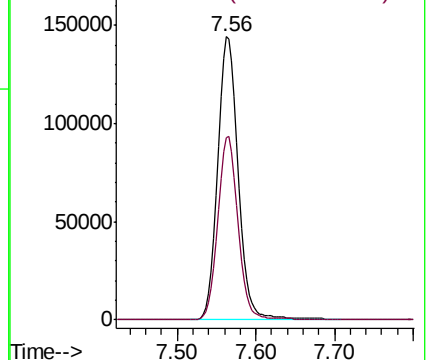
98 100

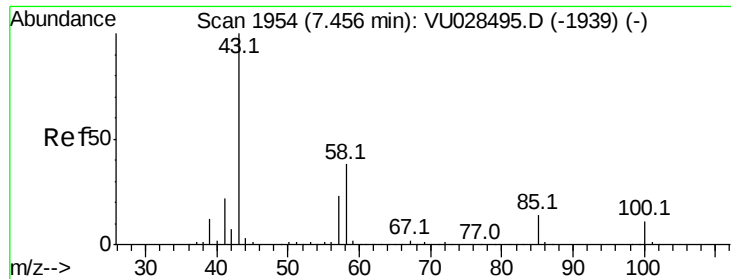
100 63.2 51.0 76.6



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: 0.327 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.11 min

Lab File: VU028804.D

Acq: 19 Dec 2018 19:22

Instrument :

MSVOA_U

ClientSampleId :

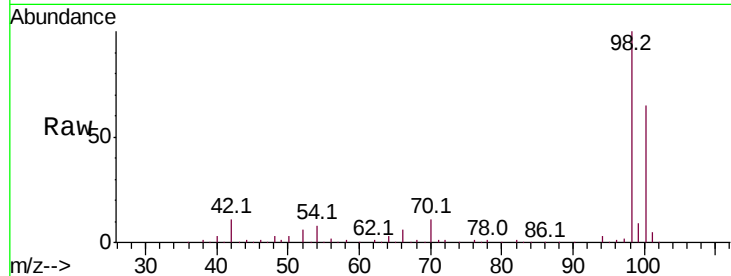
MW-13B_R1

Tot Ion: 43 Resp: 946

Ion Ratio Lower Upper

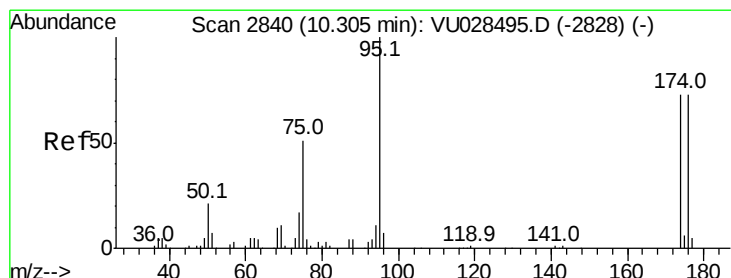
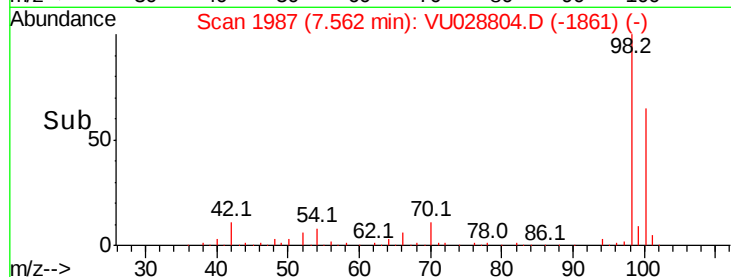
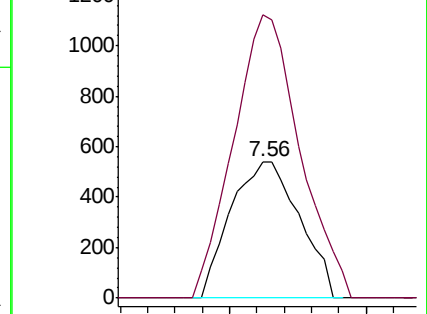
43 100

58 200.1 30.2 45.2#



Abundance Ion 43.00 (42.70 to 43.70): VU028804.D (-1939) (-)

Ion 58.00 (57.70 to 58.70): VU028804.D (-1939) (-)



#62

4-Bromofluorobenzene

Concen: 42.967 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028804.D

Acq: 19 Dec 2018 19:22

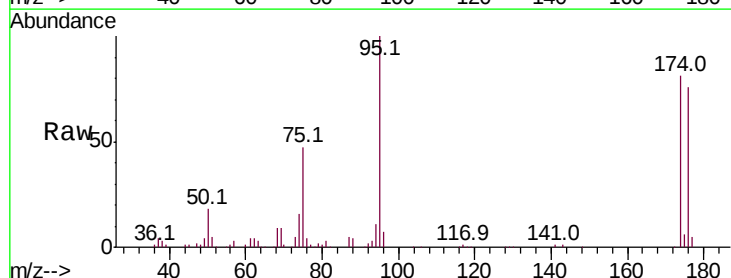
Tgt Ion: 95 Resp: 81878

Ion Ratio Lower Upper

95 100

174 81.5 0.0 150.4

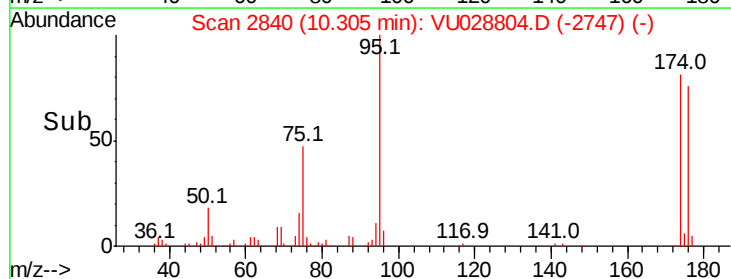
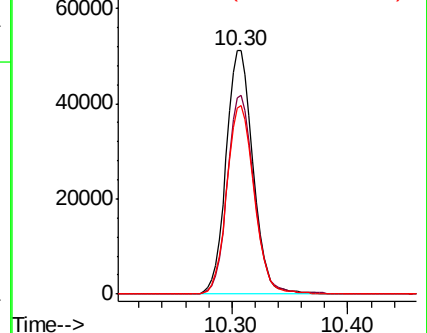
176 78.5 0.0 145.2

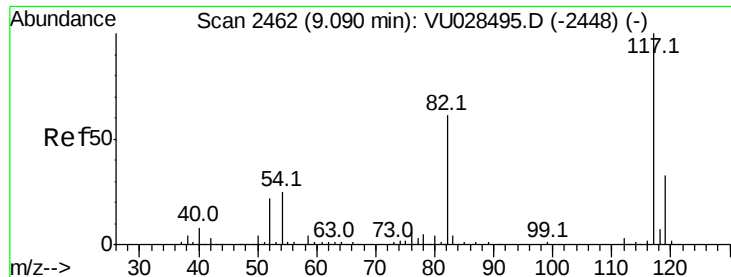


Abundance Ion 94.90 (94.60 to 95.60): VU028804.D (-2747) (-)

Ion 173.80 (173.50 to 174.50): VU028804.D (-2747) (-)

Ion 175.80 (175.50 to 176.50): VU028804.D (-2747) (-)

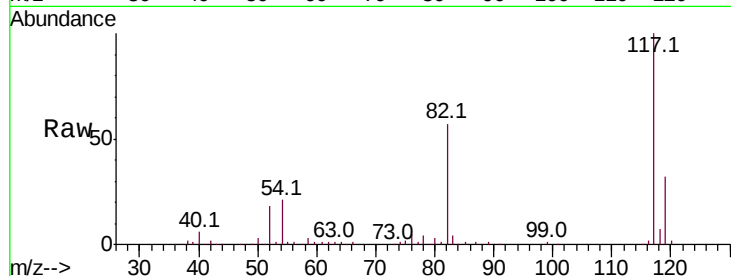




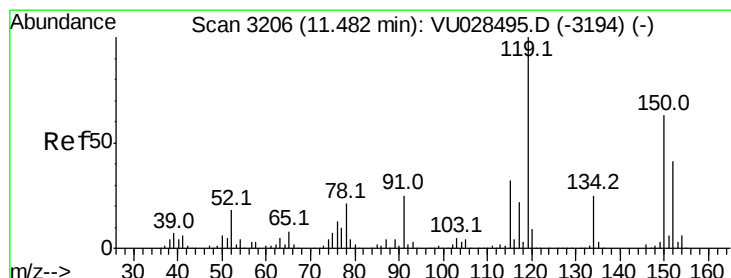
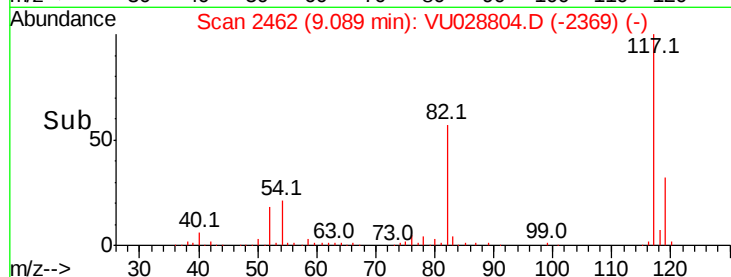
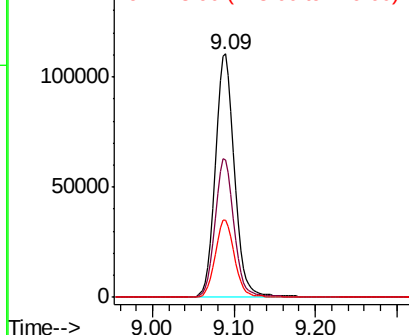
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028804.D
Acq: 19 Dec 2018 19:22

Instrument :
MSVOA_U
ClientSampleId :
MW-13B_R1

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.5	48.9	73.3
119	31.6	26.2	39.4

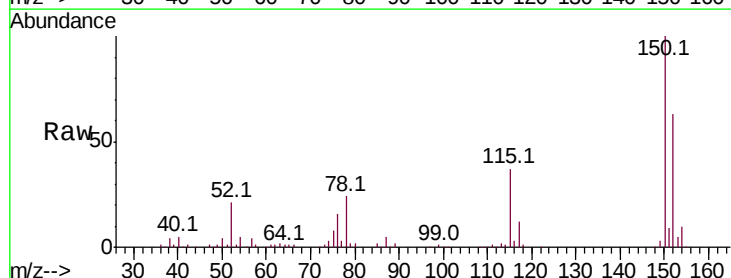


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

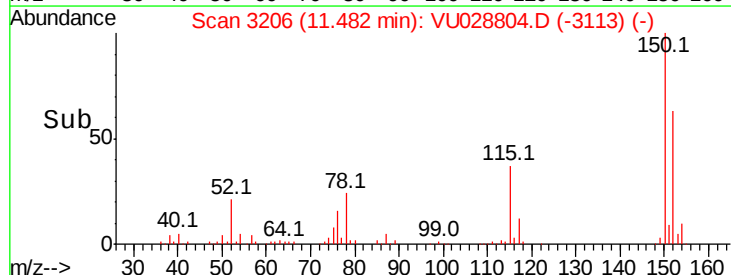
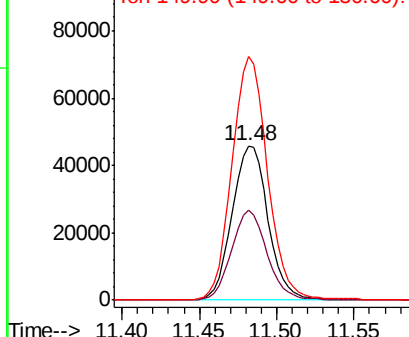


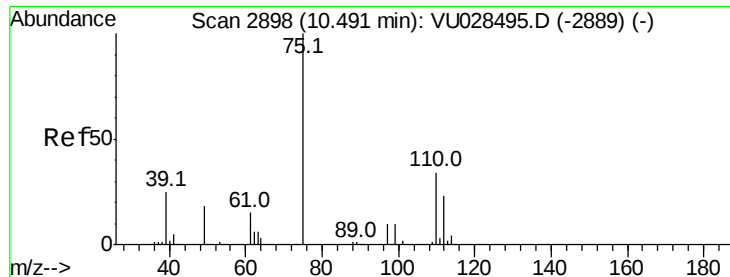
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028804.D
Acq: 19 Dec 2018 19:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.6	42.7	128.1
150	157.1	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: 20.776 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.19 min

Lab File: VU028804.D

Acq: 19 Dec 2018 19:22

Instrument :

MSVOA_U

ClientSampled :

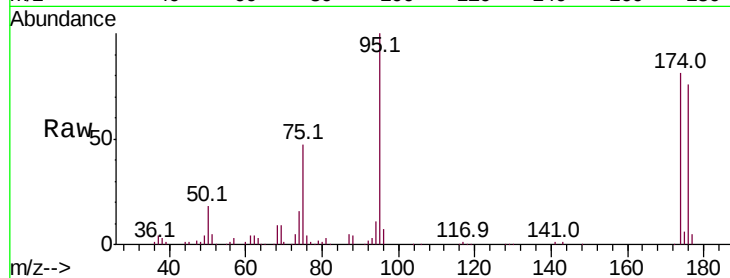
MW-13B_R1

Tot Ion: 75 Resp: 39211

Ion Ratio Lower Upper

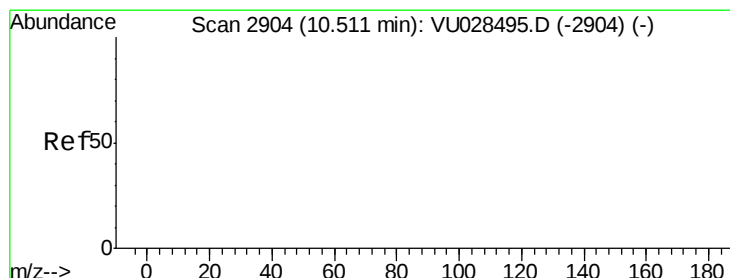
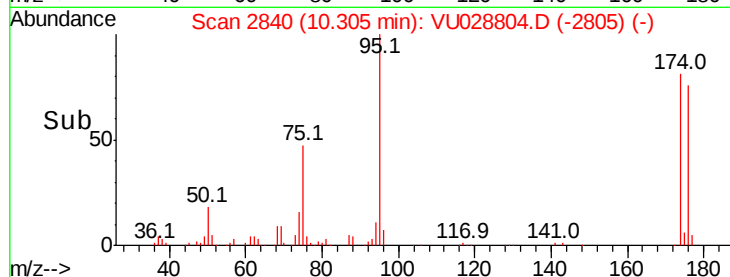
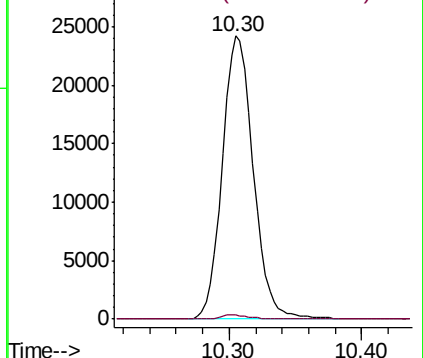
75 100

77 1.2 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: 51.070 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.21 min

Lab File: VU028804.D

Acq: 19 Dec 2018 19:22

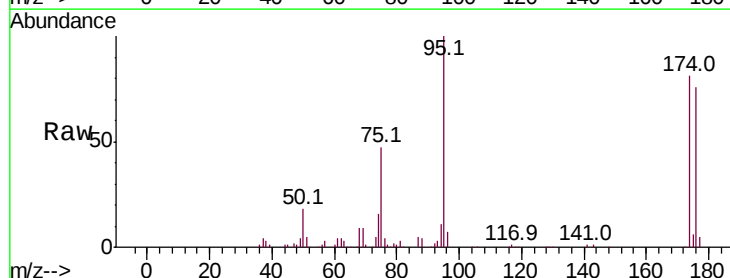
Tgt Ion: 75 Resp: 39211

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

