

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121118\
 Data File : VU028584.D
 Acq On : 11 Dec 2018 05:16
 Operator : MD/SY
 Sample : J6335-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-HN-MW24S-20181208

Quant Time: Dec 11 07:10:35 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

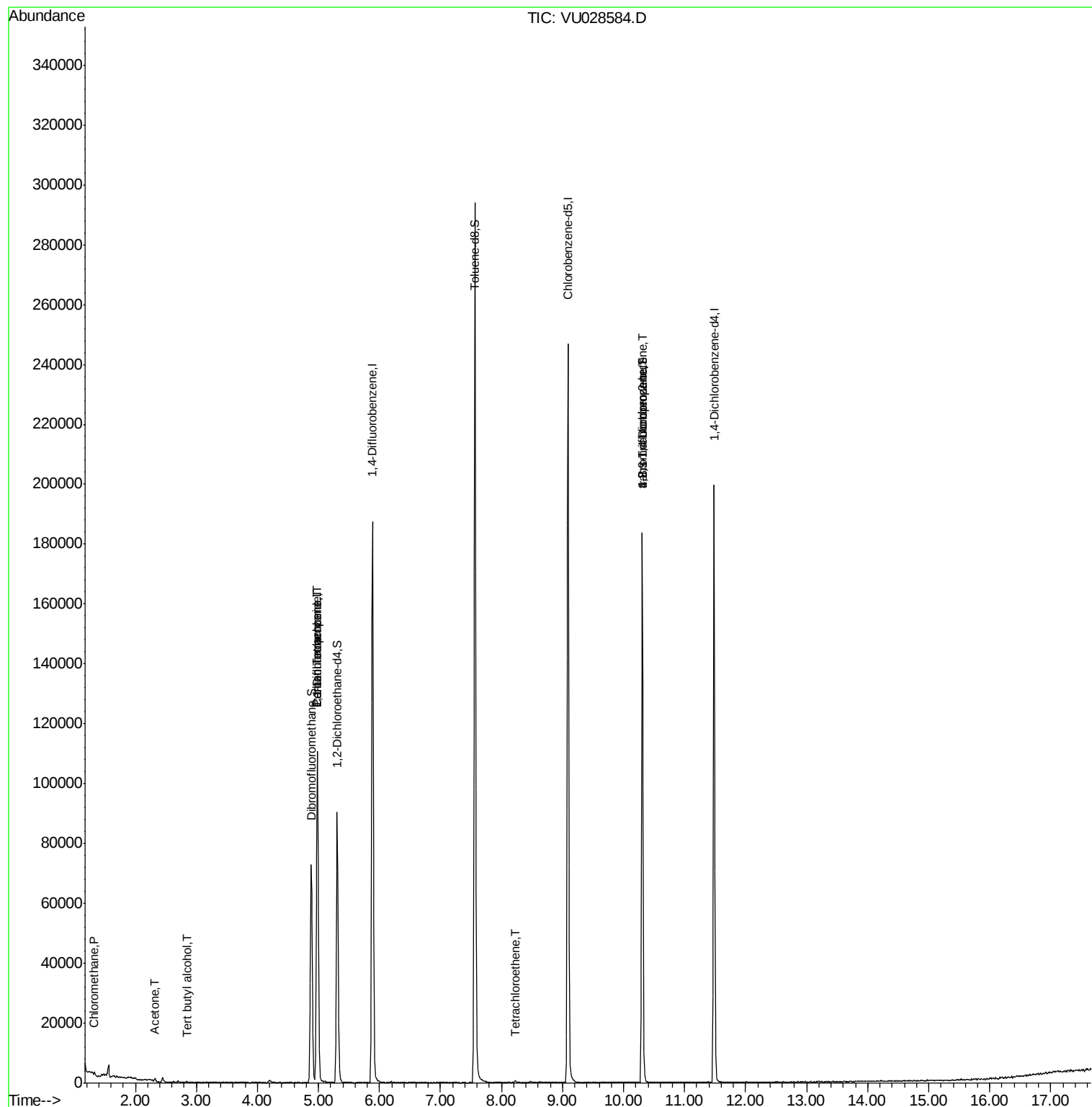
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	81172	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	150697	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	131294	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	49457	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	70158	56.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.28%	
35) Dibromofluoromethane	4.88	113	50068	52.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.60%	
50) Toluene-d8	7.57	98	194567	51.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.72%	
62) 4-Bromofluorobenzene	10.31	95	60895	43.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.86%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.33	50	1169	0.584	ug/l	95
11) Tert butyl alcohol	2.84	59	195	0.707	ug/l #	73
16) Acetone	2.32	43	1507	1.864	ug/l	97
31) Cyclohexane	4.98	56	2132	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	7135	4.327	ug/l #	50
38) Carbon Tetrachloride	4.98	117	7942	5.975	ug/l #	15
64) Tetrachloroethene	8.23	164	191	0.218	ug/l #	85
76) 1,2,3-Trichloropropane	10.31	75	32351	25.617	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	32351	62.847	ug/l #	100

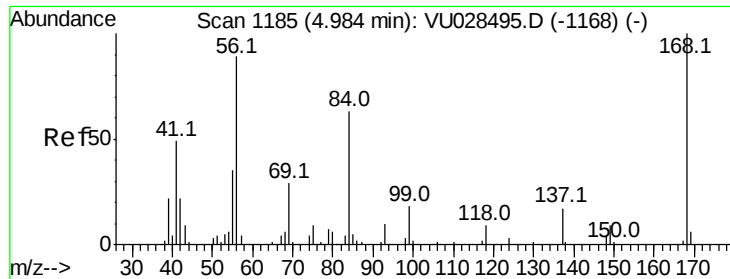
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU121118\
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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: VU028584.D

Acq: 11 Dec 2018 05:16

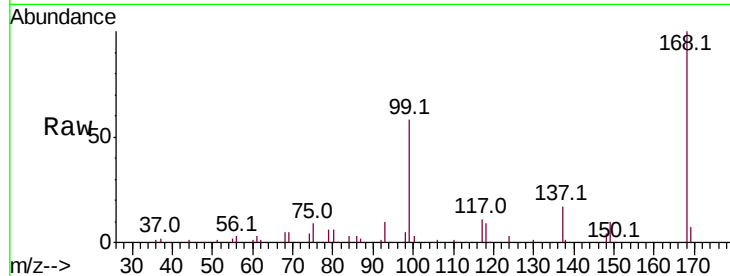
Instrument :
MSVOA_U
ClientSampleId :
BP-HN-MW24S-20181208

Tot Ion:168 Resp: 81172

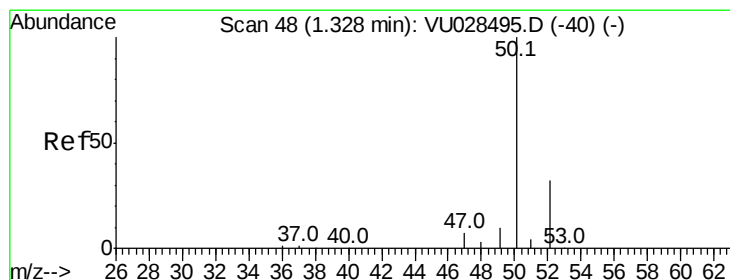
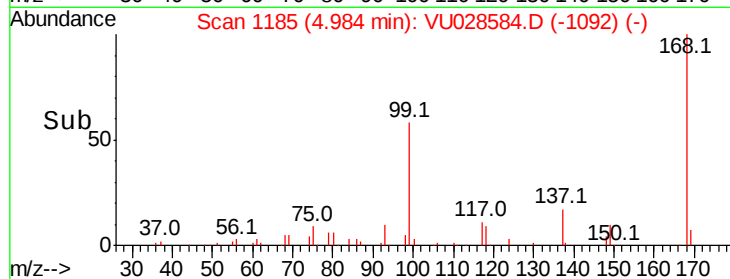
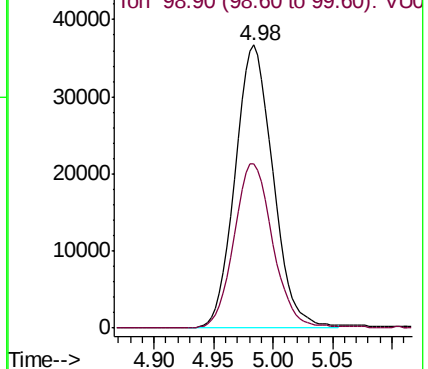
Ion Ratio Lower Upper

168 100

99 58.1 46.6 69.8



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



#3

Chloromethane

Concen: 0.584 ug/l

RT: 1.33 min Scan# 49

Delta R.T. 0.00 min

Lab File: VU028584.D

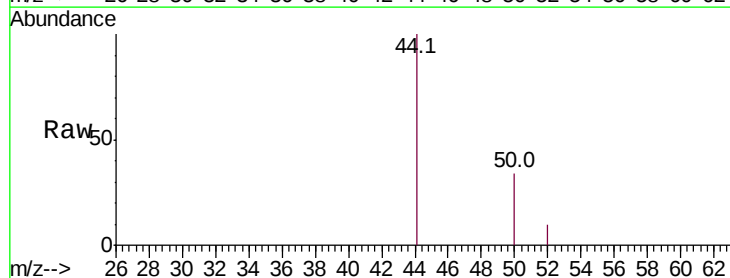
Acq: 11 Dec 2018 05:16

Tgt Ion: 50 Resp: 1169

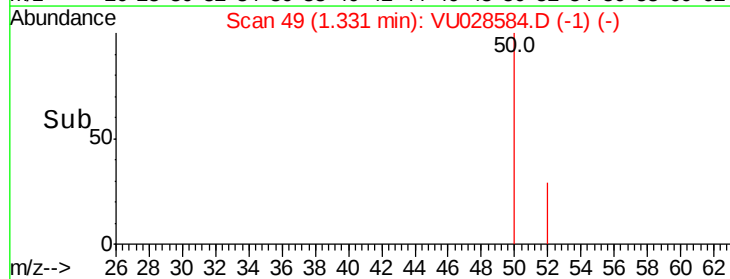
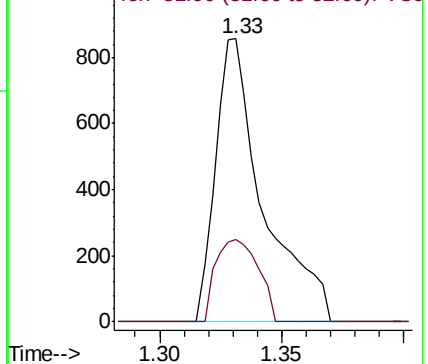
Ion Ratio Lower Upper

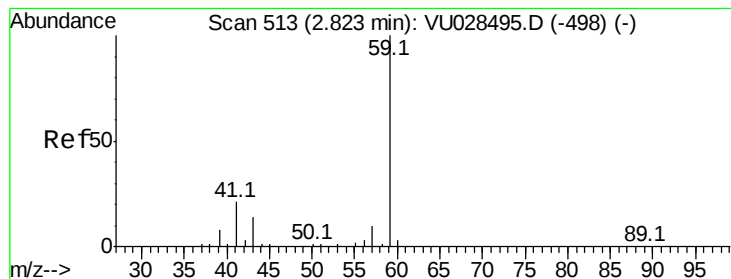
50 100

52 28.9 25.5 38.3



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



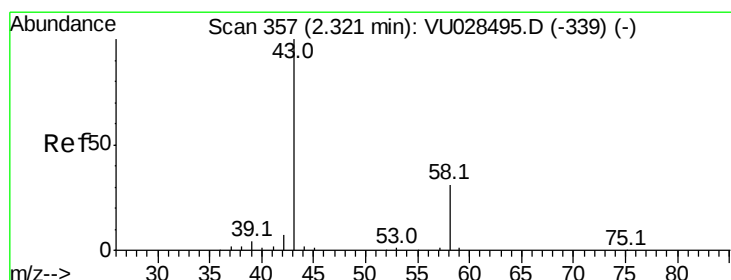
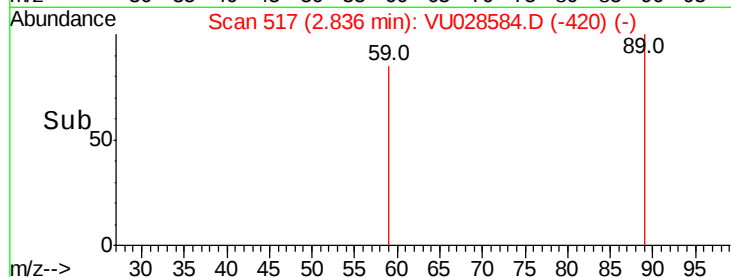
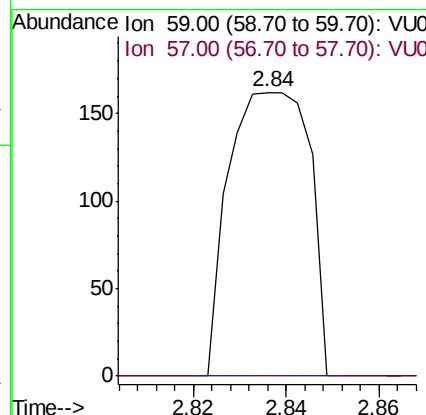
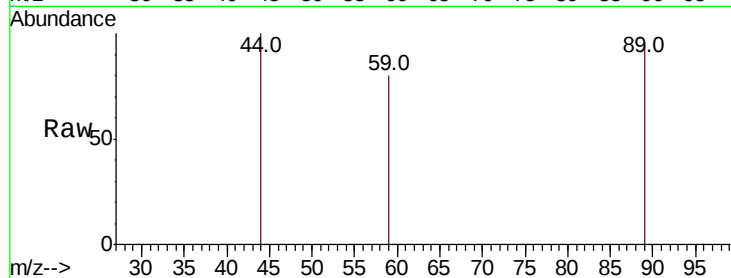


#11

Tert butyl alcohol
 Concen: 0.707 ug/l
 RT: 2.84 min Scan# 517
 Delta R.T. 0.01 min
 Lab File: VU028584.D
 Acq: 11 Dec 2018 05:16

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-HN-MW24S-20181208

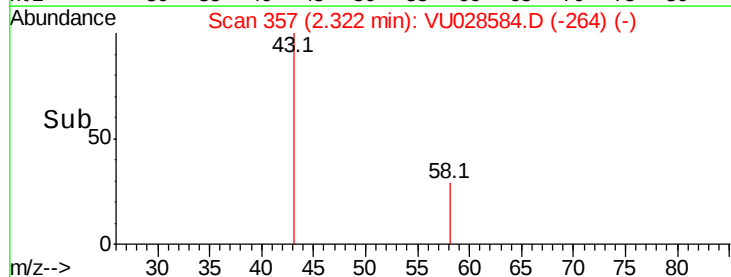
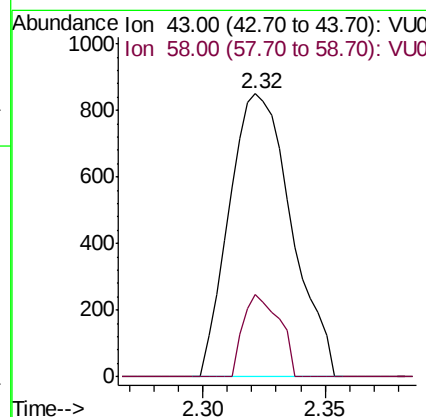
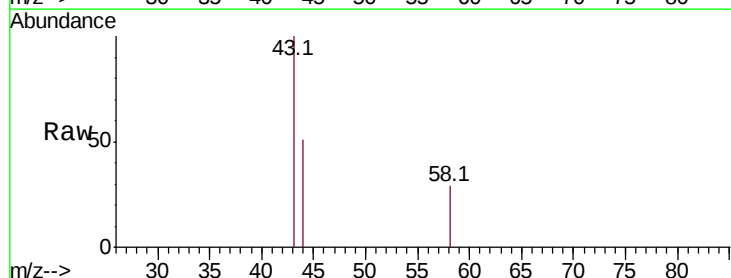
Tot Ion: 59 Resp: 195
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.0 12.0#

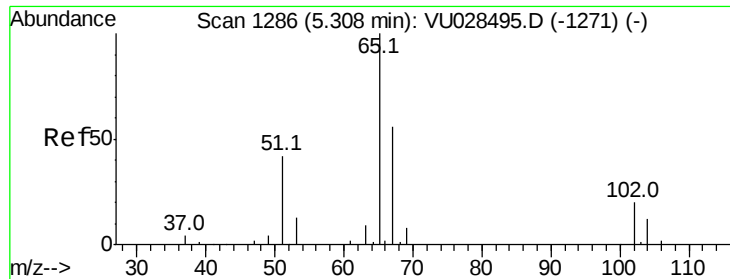


#16

Acetone
 Concen: 1.864 ug/l
 RT: 2.32 min Scan# 357
 Delta R.T. 0.00 min
 Lab File: VU028584.D
 Acq: 11 Dec 2018 05:16

Tgt Ion: 43 Resp: 1507
 Ion Ratio Lower Upper
 43 100
 58 29.1 24.6 37.0

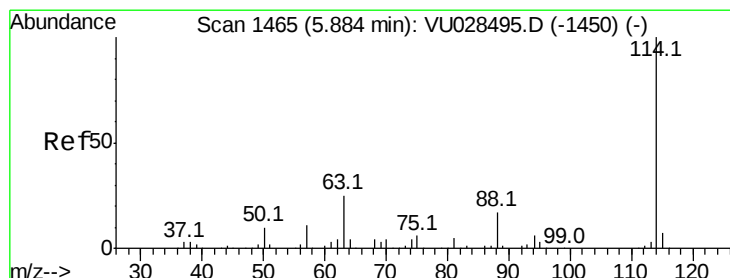
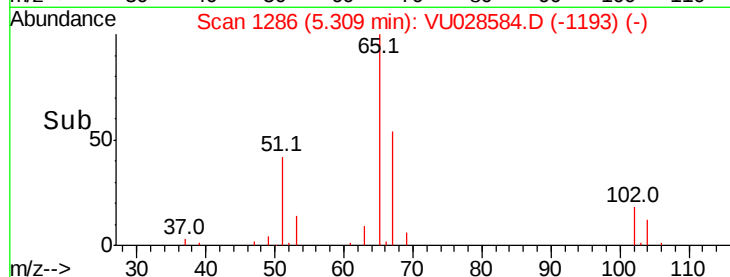
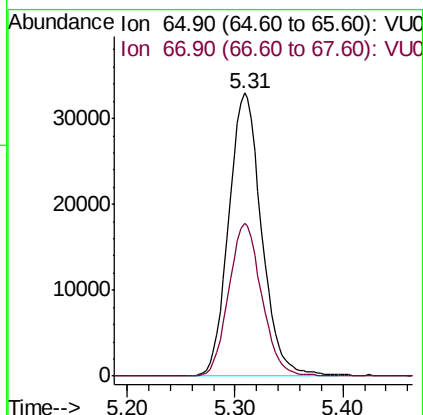
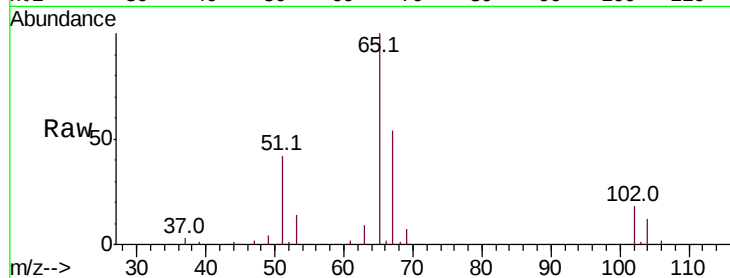




#33
 1,2-Dichloroethane-d4
 Concen: 56.637 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: VU028584.D
 Acq: 11 Dec 2018 05:16

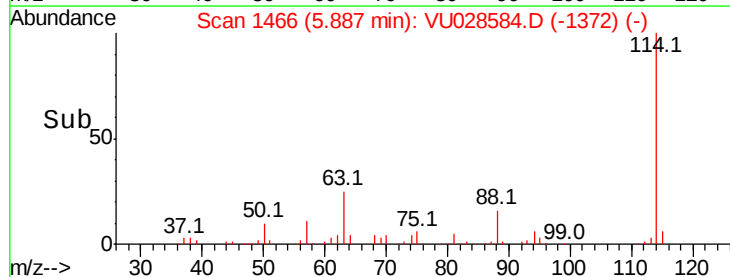
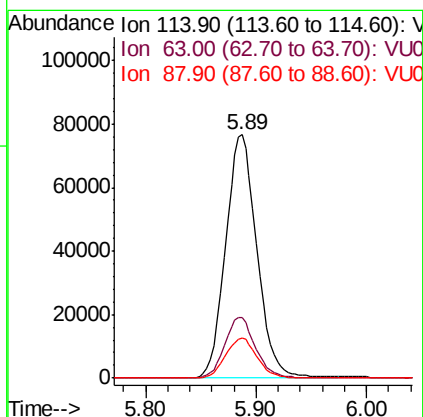
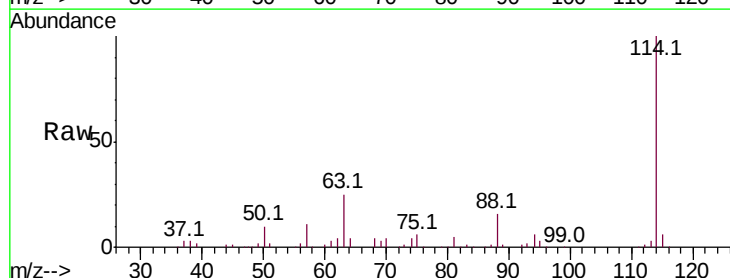
Instrument :
 MSVOA_U
 ClientSampleId :
 BP-HN-MW24S-20181208

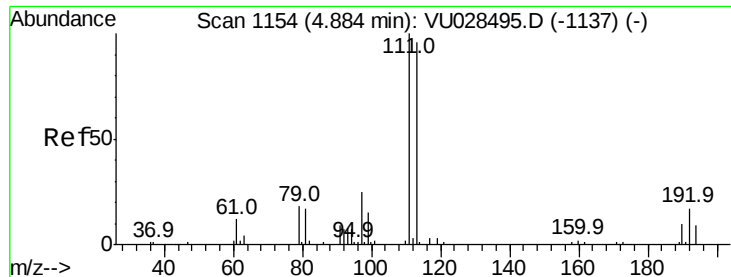
Tot Ion: 65 Resp: 70158
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028584.D
 Acq: 11 Dec 2018 05:16

Tgt Ion: 114 Resp: 150697
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 49.2
 88 16.4 0.0 33.4

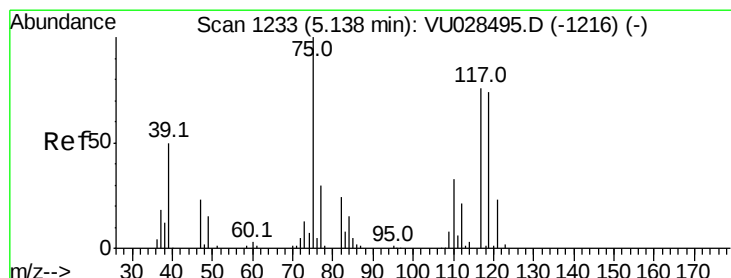
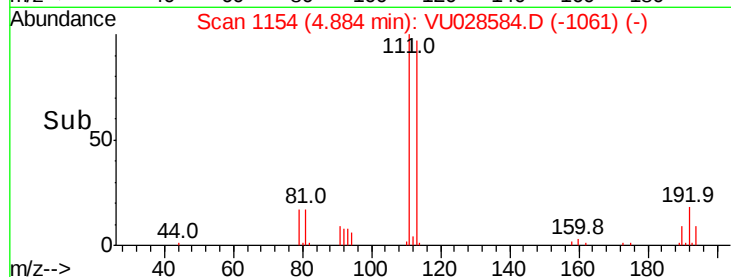
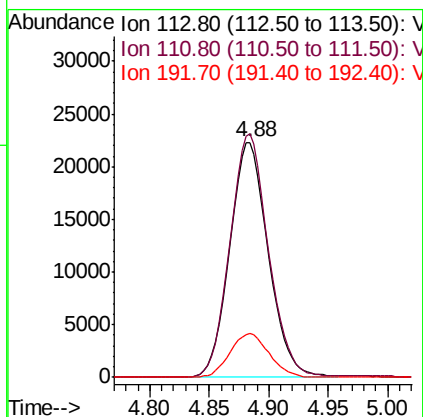
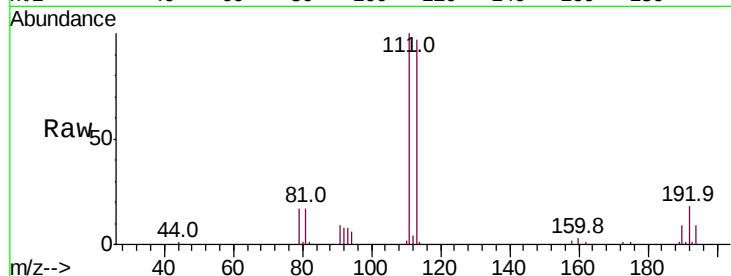




#35
 Dibromofluoromethane
 Concen: 52.795 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU028584.D
 Acq: 11 Dec 2018 05:16

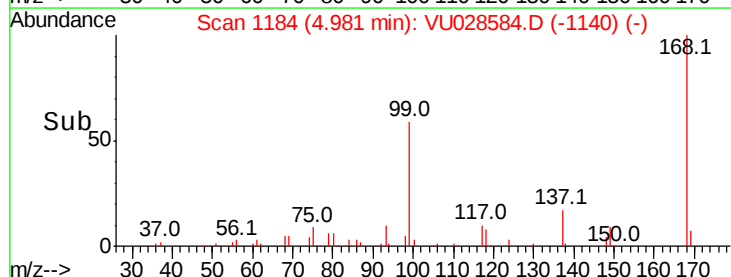
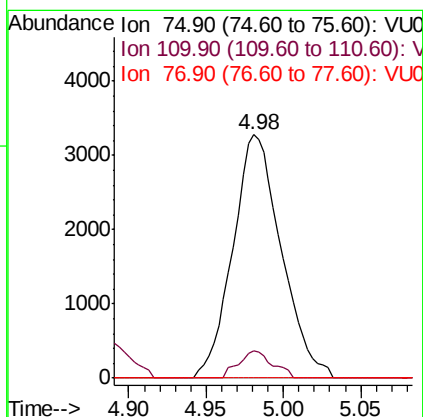
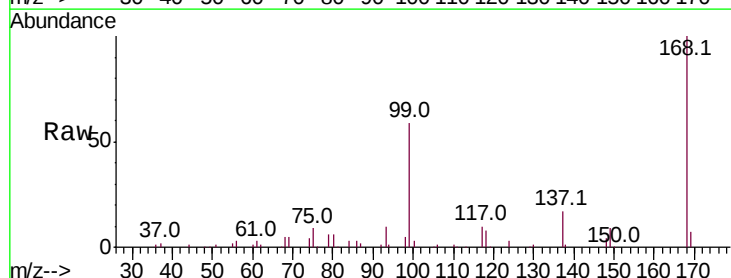
Instrument :
 MSVOA_U
 ClientSampleId :
 BP-HN-MW24S-20181208

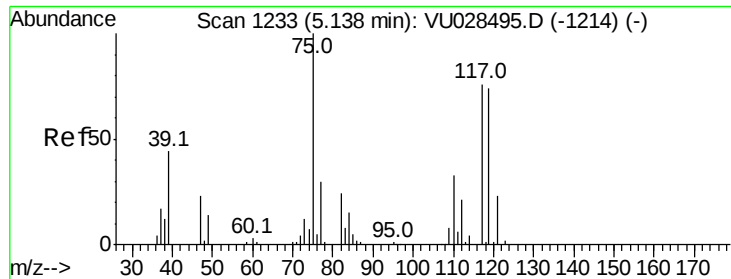
Tot Ion:113 Resp: 50068
 Ion Ratio Lower Upper
 113 100
 111 103.2 83.4 125.0
 192 18.6 14.8 22.2



#36
 1,1-Dichloropropene
 Concen: 4.327 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.16 min
 Lab File: VU028584.D
 Acq: 11 Dec 2018 05:16

Tgt Ion: 75 Resp: 7135
 Ion Ratio Lower Upper
 75 100
 110 7.7 16.1 48.2#
 77 0.0 24.5 36.7#





#38

Carbon Tetrachloride

Concen: 5.975 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU028584.D

Acq: 11 Dec 2018 05:16

Instrument :

MSVOA_U

ClientSampleId :

BP-HN-MW24S-20181208

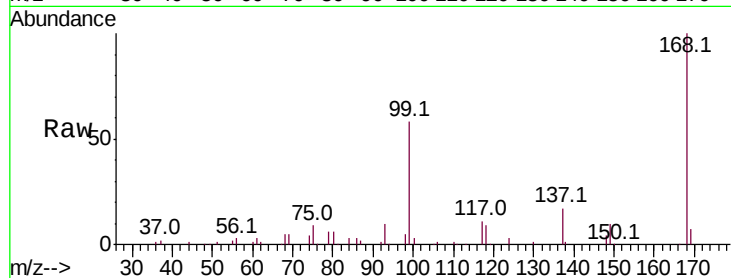
Tot Ion:117 Resp: 7942

Ion Ratio Lower Upper

117 100

119 4.3 77.6 116.4#

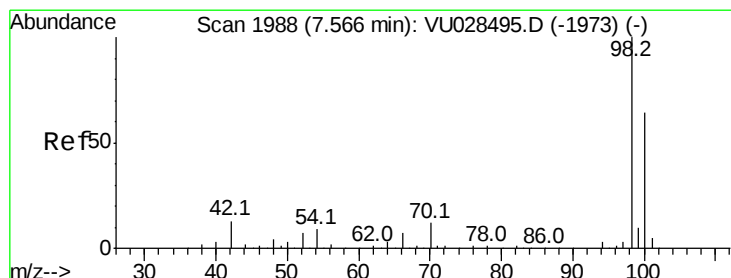
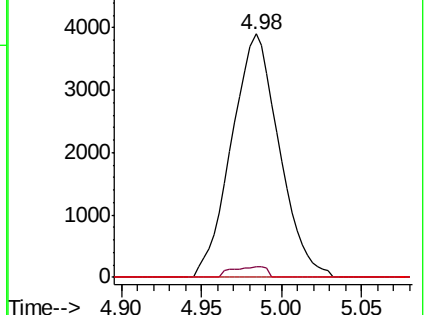
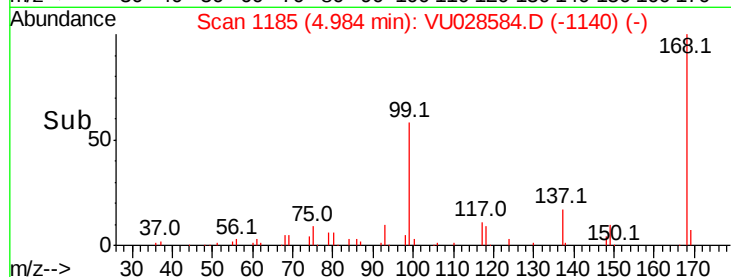
121 0.0 24.6 36.8#



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: 51.864 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU028584.D

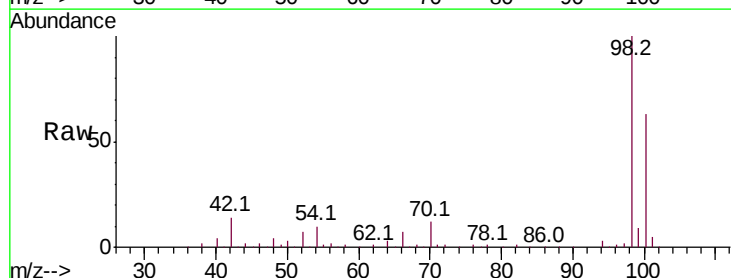
Acq: 11 Dec 2018 05:16

Tgt Ion: 98 Resp: 194567

Ion Ratio Lower Upper

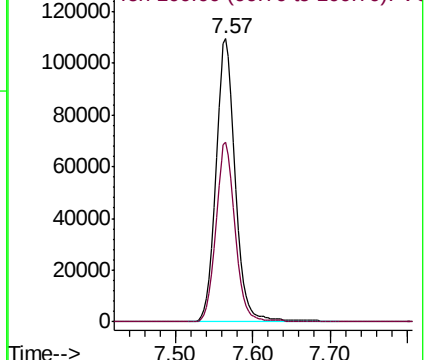
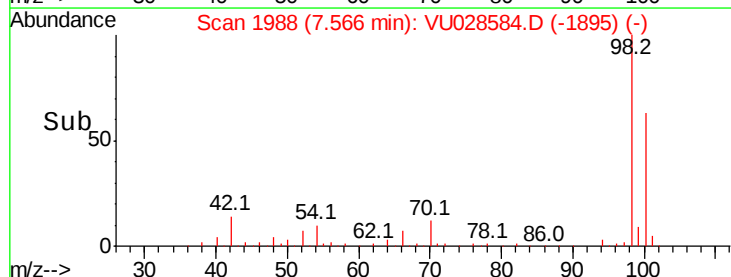
98 100

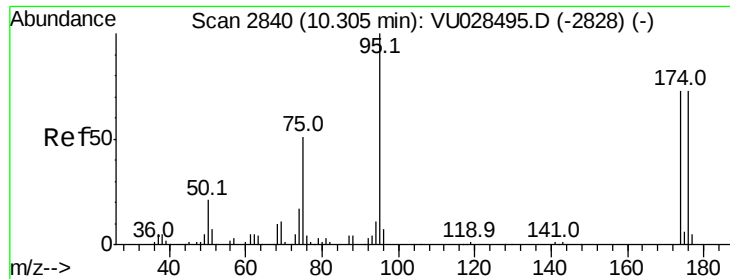
100 62.8 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU





#62

4-Bromofluorobenzene

Concen: 43.429 ug/l

RT: 10.31 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU028584.D

Acq: 11 Dec 2018 05:16

Instrument :

MSVOA_U

ClientSampleId :

BP-HN-MW24S-20181208

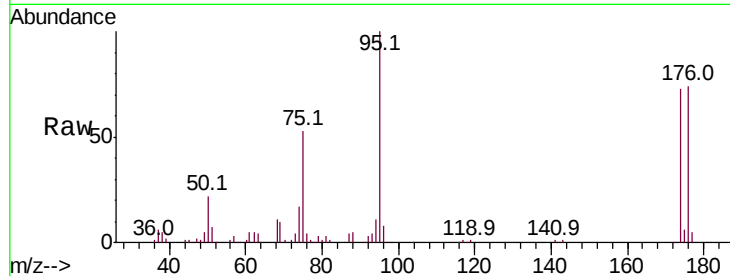
Tot Ion: 95 Resp: 60895

Ion	Ratio	Lower	Upper
95	100		
174	74.8	0.0	150.4
176	73.6	0.0	145.2

95 100

174 74.8 0.0 150.4

176 73.6 0.0 145.2

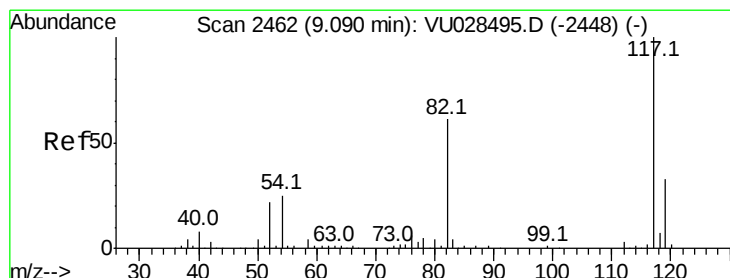
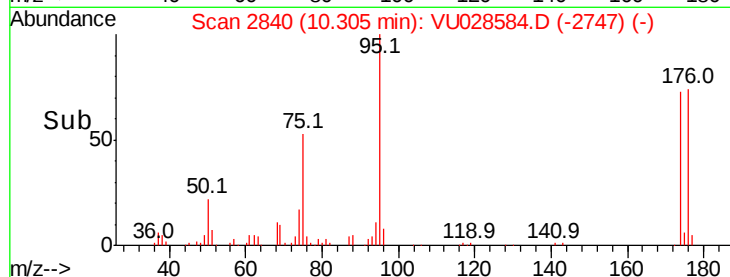
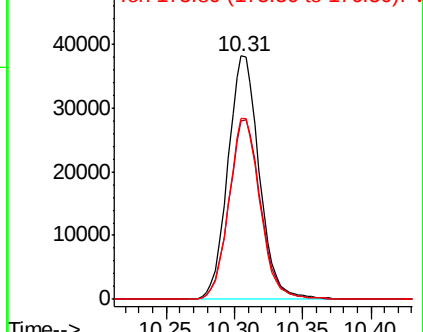


Abundance

Ion 94.90 (94.60 to 95.60): VU028495.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU028495.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU028495.D (-2828) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VU028584.D

Acq: 11 Dec 2018 05:16

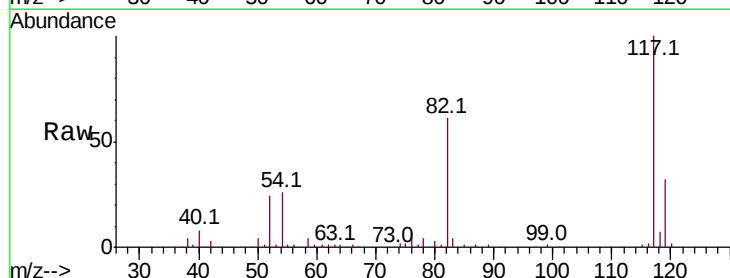
Tgt Ion: 117 Resp: 131294

Ion	Ratio	Lower	Upper
117	100		
82	61.5	48.9	73.3
119	32.3	26.2	39.4

117 100

82 61.5 48.9 73.3

119 32.3 26.2 39.4

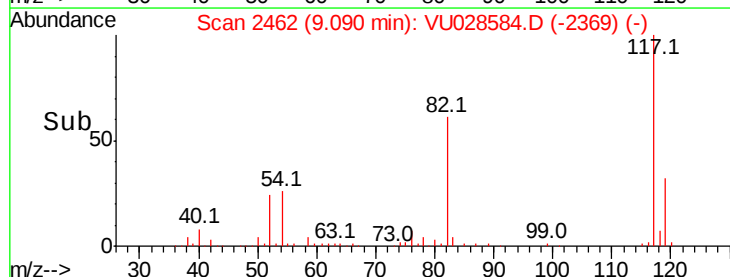
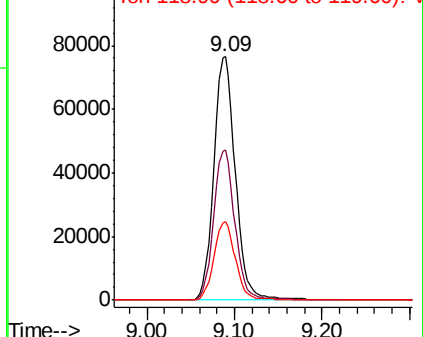


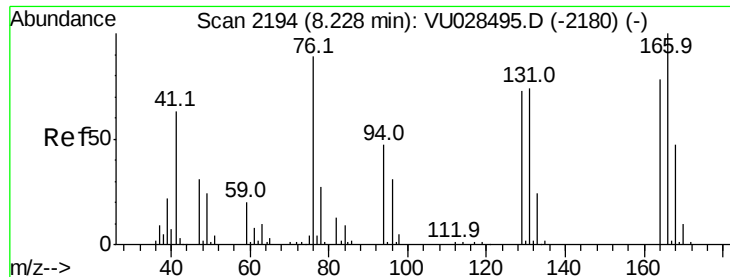
Abundance

Ion 116.90 (116.60 to 117.60): VU028495.D (-2448) (-)

Ion 82.00 (81.70 to 82.70): VU028495.D (-2448) (-)

Ion 118.90 (118.60 to 119.60): VU028495.D (-2448) (-)





#64

Tetrachloroethene

Concen: 0.218 ug/l

RT: 8.23 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VU028584.D

Acq: 11 Dec 2018 05:16

Instrument :

MSVOA_U

ClientSampleId :

BP-HN-MW24S-20181208

Tot Ion:164 Resp: 191

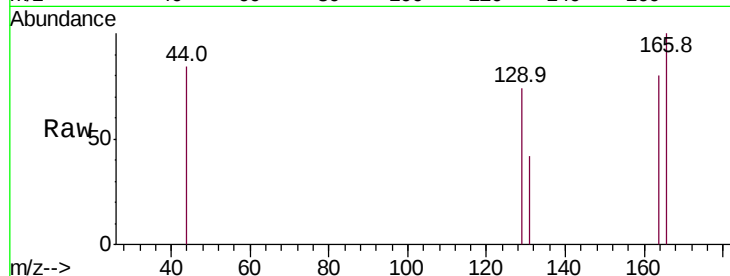
Ion Ratio Lower Upper

164 100

166 124.6 101.9 152.9

129 91.6 74.9 112.3

131 52.2 75.4 113.0#

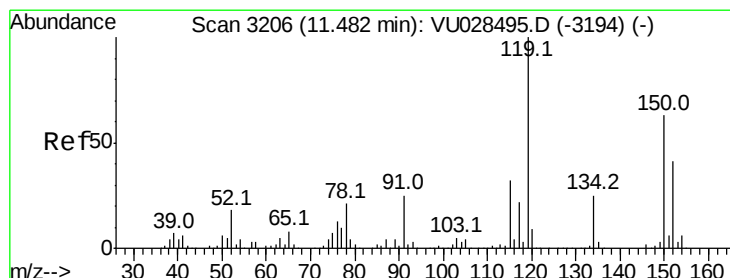
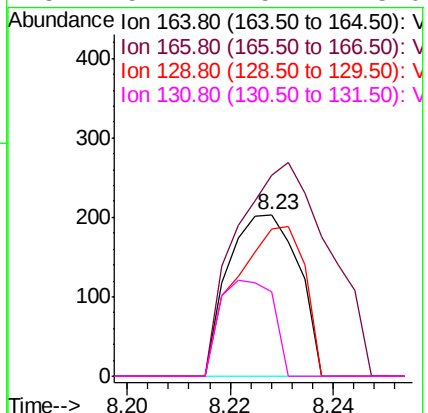
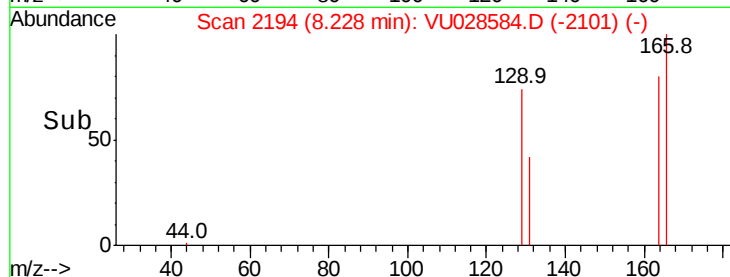


Abundance Ion 163.80 (163.50 to 164.50): V

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: VU028584.D

Acq: 11 Dec 2018 05:16

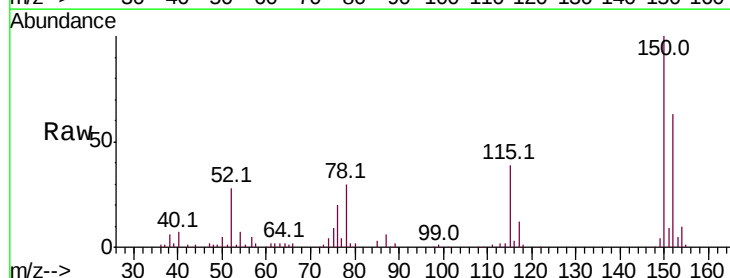
Tgt Ion:152 Resp: 49457

Ion Ratio Lower Upper

152 100

115 60.8 42.7 128.1

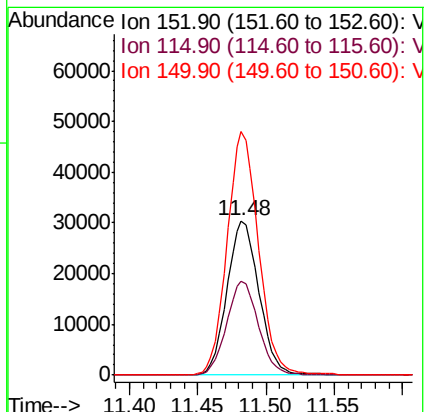
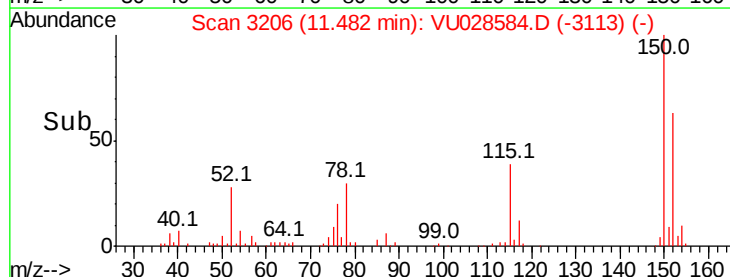
150 155.0 0.0 346.0

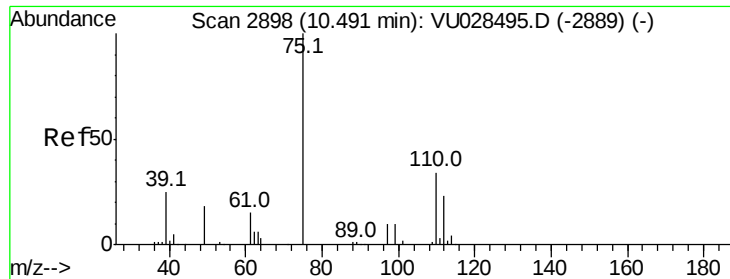


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

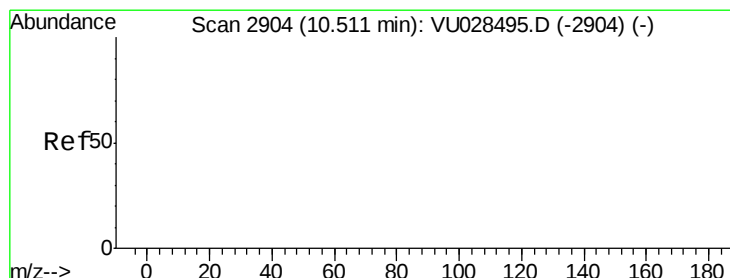
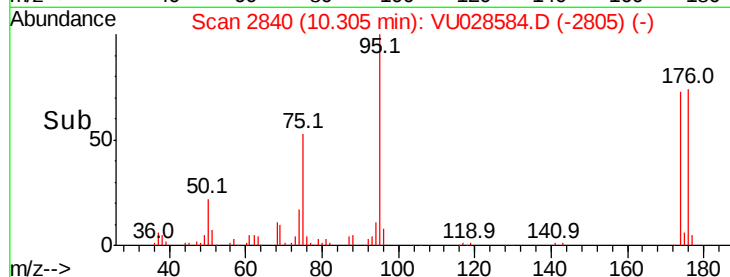
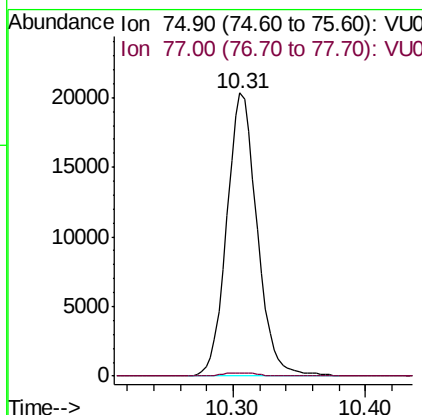
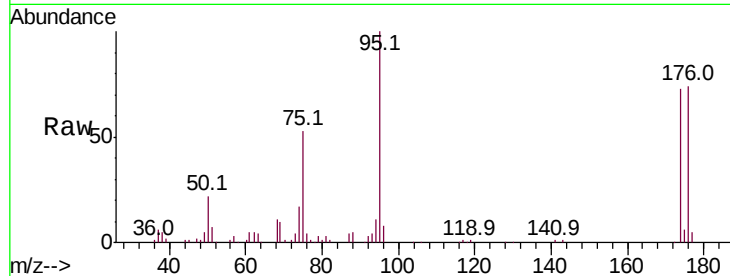




#76
 1,2,3-Trichloropropane
 Concen: 25.617 ug/l
 RT: 10.31 min Scan# 2840
 Delta R.T. -0.19 min
 Lab File: VU028584.D
 Acq: 11 Dec 2018 05:16

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-HN-MW24S-20181208

Tot Ion: 75 Resp: 32351
 Ion Ratio Lower Upper
 75 100
 77 1.3 20.8 62.4#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.847 ug/l
 RT: 10.31 min Scan# 2840
 Delta R.T. -0.20 min
 Lab File: VU028584.D
 Acq: 11 Dec 2018 05:16

Tgt Ion: 75 Resp: 32351
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0

