

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121118\
 Data File : VU028581.D
 Acq On : 11 Dec 2018 04:04
 Operator : MD/SY
 Sample : J6314-24
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-EB02-20181207

Quant Time: Dec 11 07:10:03 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

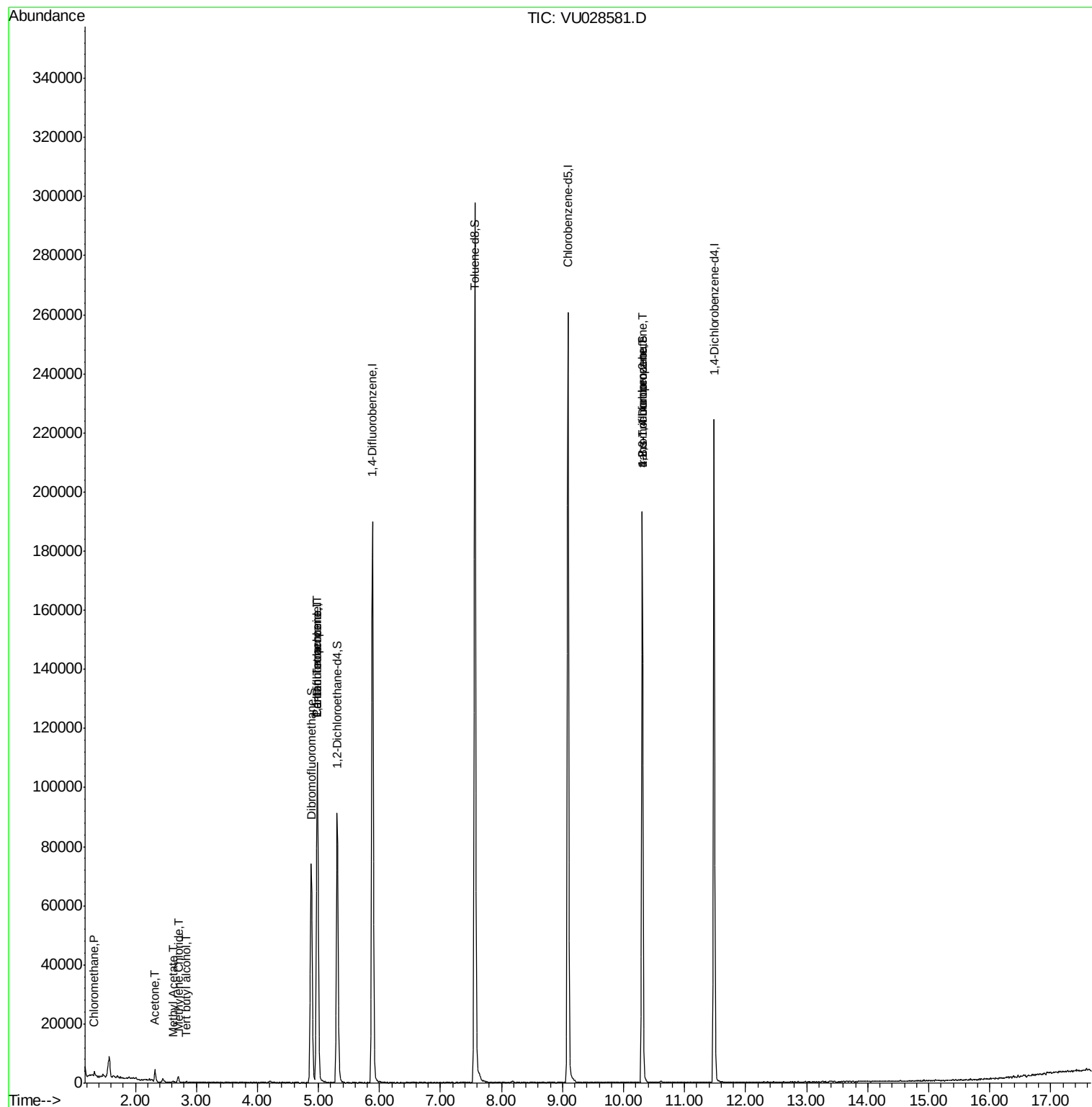
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	80731	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	150701	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	136816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	53129	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	69442	56.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.72%	
35) Dibromofluoromethane	4.88	113	51580	54.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.78%	
50) Toluene-d8	7.57	98	194936	51.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.92%	
62) 4-Bromofluorobenzene	10.30	95	64797	46.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.42%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.33	50	1483	0.745	ug/l	93
11) Tert butyl alcohol	2.83	59	203	0.740	ug/l #	73
16) Acetone	2.32	43	4235	5.268	ug/l	99
18) Methyl Acetate	2.62	43	542	0.260	ug/l #	56
20) Methylene Chloride	2.70	84	867	0.732	ug/l #	83
31) Cyclohexane	4.98	56	1953	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	7152	4.337	ug/l #	49
38) Carbon Tetrachloride	4.98	117	8249	6.206	ug/l #	15
76) 1,2,3-Trichloropropane	10.30	75	34792	25.645	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.30	75	34792	62.917	ug/l #	100

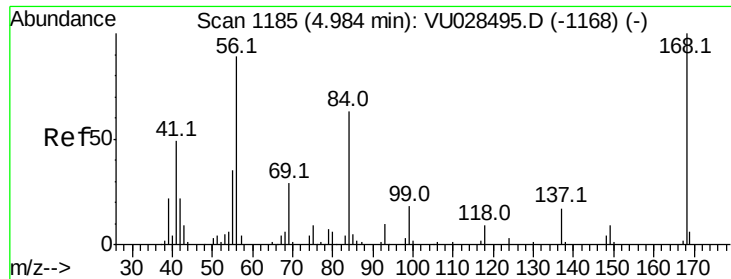
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 11 07:10:03 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: VU028581.D

Acq: 11 Dec 2018 04:04

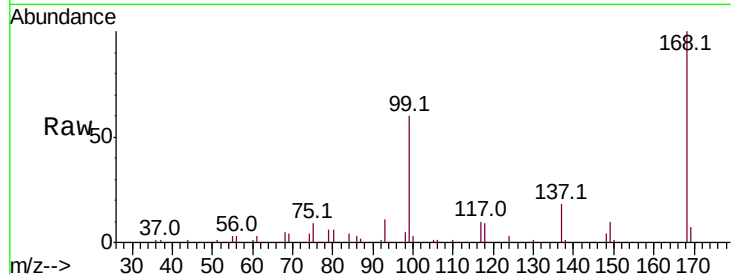
Instrument :
MSVOA_U
ClientSampleId :
BP-EB02-20181207

Tot Ion:168 Resp: 80731

Ion Ratio Lower Upper

168 100

99 60.4 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

40000

30000

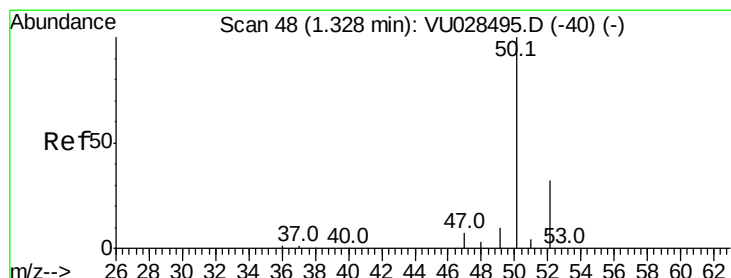
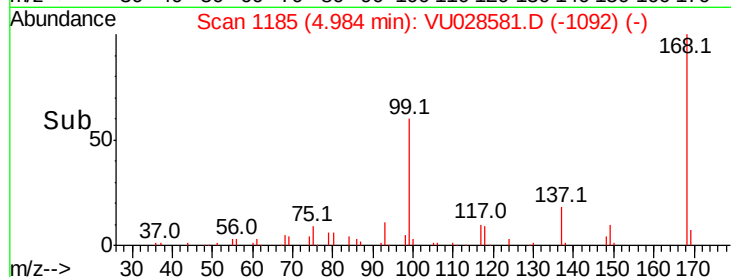
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#3

Chloromethane

Concen: 0.745 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU028581.D

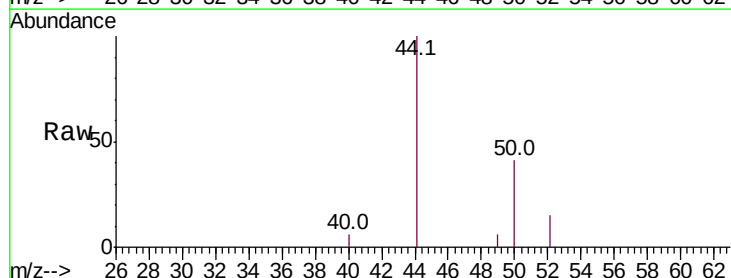
Acq: 11 Dec 2018 04:04

Tgt Ion: 50 Resp: 1483

Ion Ratio Lower Upper

50 100

52 35.9 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

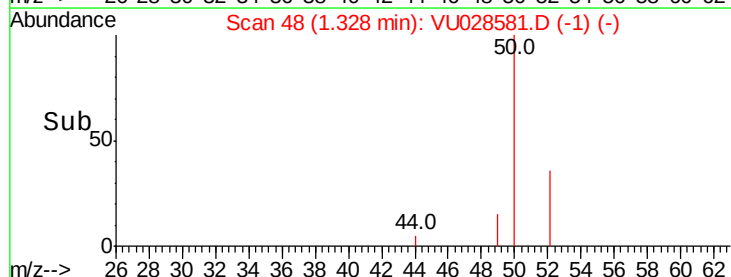
400

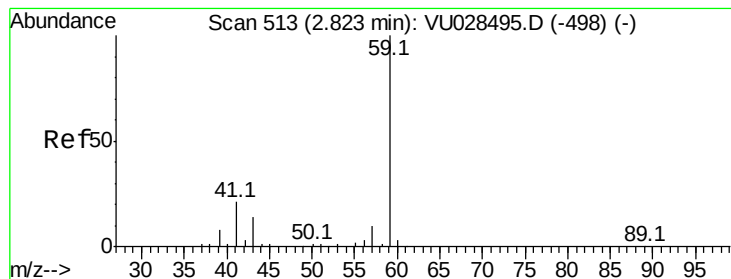
200

0

1.30 1.35 1.40

Time-->



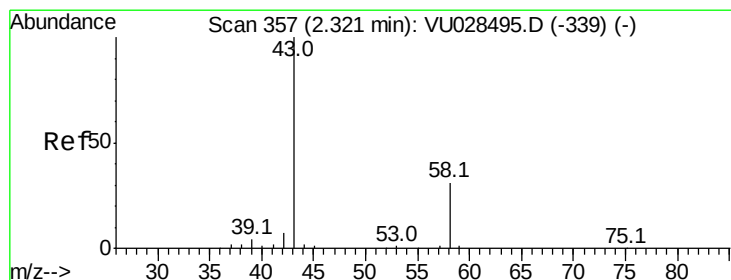
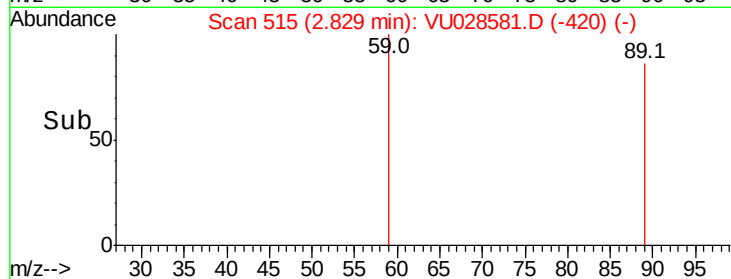
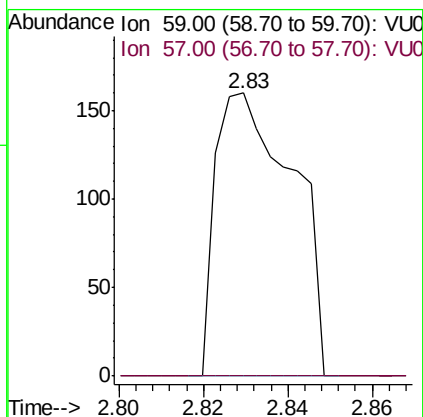
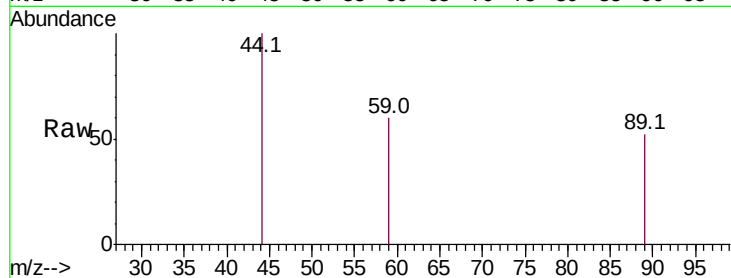


#11

Tert butyl alcohol
 Concen: 0.740 ug/l
 RT: 2.83 min Scan# 515
 Delta R.T. 0.01 min
 Lab File: VU028581.D
 Acq: 11 Dec 2018 04:04

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-EB02-20181207

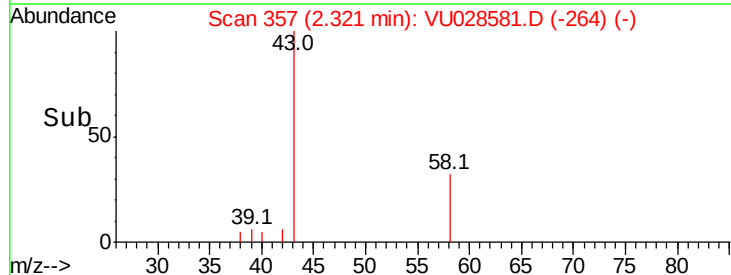
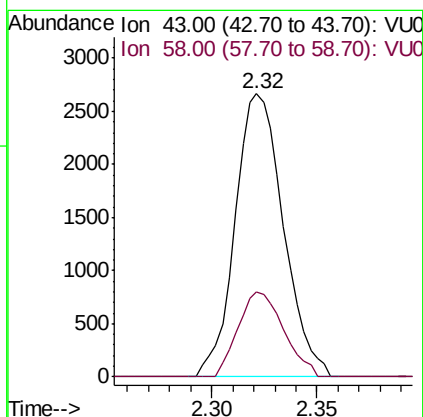
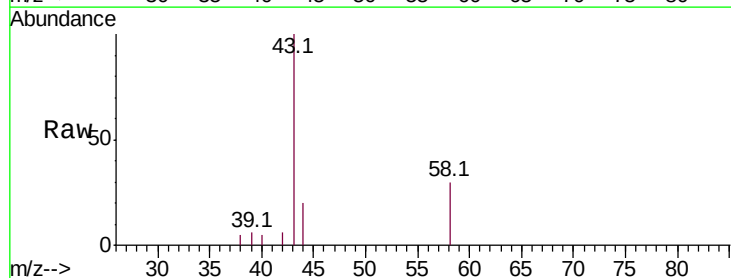
Tot Ion: 59 Resp: 203
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.0 12.0#

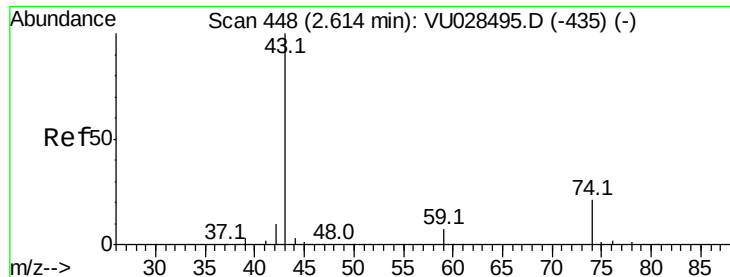


#16

Acetone
 Concen: 5.268 ug/l
 RT: 2.32 min Scan# 357
 Delta R.T. -0.00 min
 Lab File: VU028581.D
 Acq: 11 Dec 2018 04:04

Tgt Ion: 43 Resp: 4235
 Ion Ratio Lower Upper
 43 100
 58 30.2 24.6 37.0

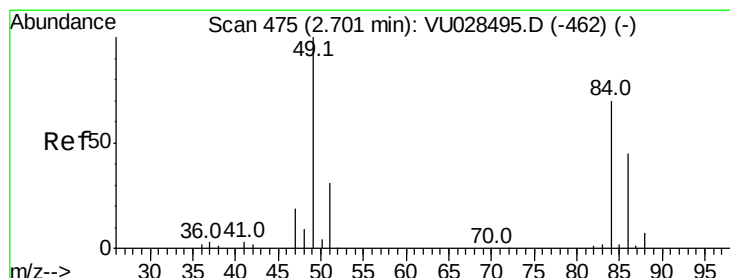
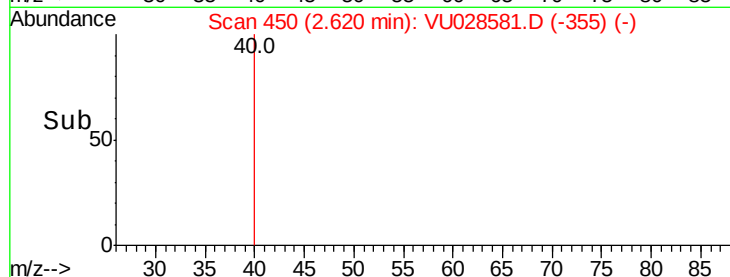
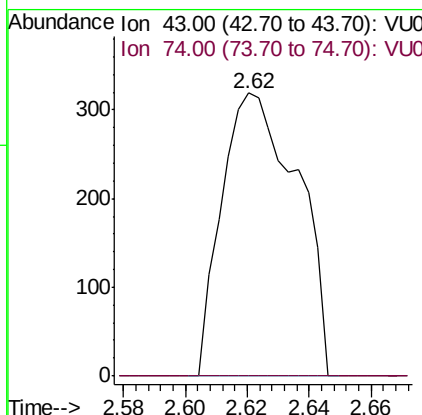
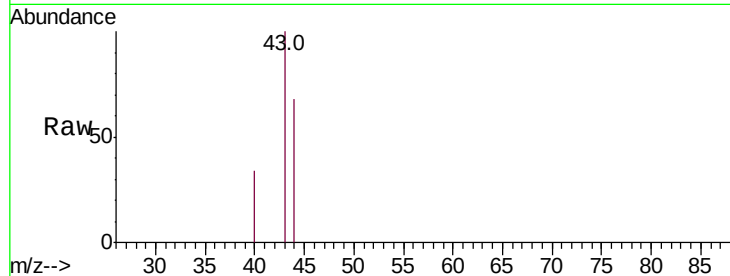




#18
Methvl Acetate
Concen: 0.260 ug/l
RT: 2.62 min Scan# 450
Delta R.T. 0.01 min
Lab File: VU028581.D
Acq: 11 Dec 2018 04:04

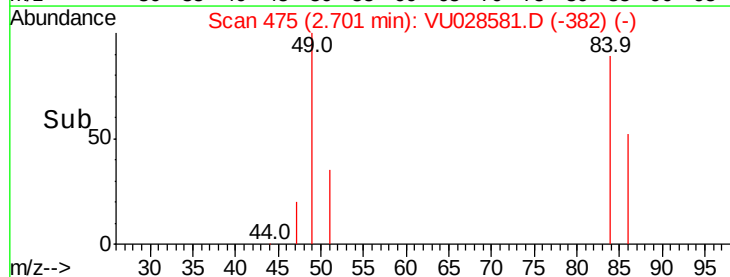
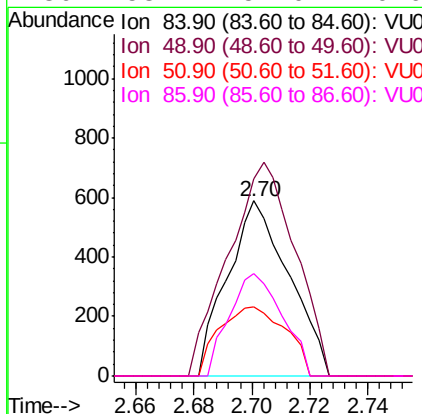
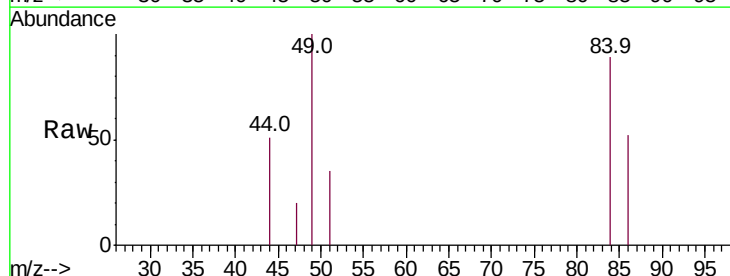
Instrument :
MSVOA_U
ClientSampleId :
BP-EB02-20181207

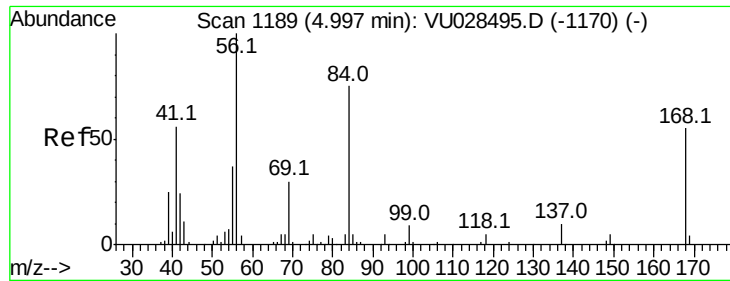
Tot Ion: 43 Resp: 542
Ion Ratio Lower Upper
43 100
74 0.0 16.4 24.6#



#20
Methylene Chloride
Concen: 0.732 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU028581.D
Acq: 11 Dec 2018 04:04

Tgt Ion: 84 Resp: 867
Ion Ratio Lower Upper
84 100
49 112.7 114.0 171.0#
51 39.4 35.1 52.7
86 58.2 51.0 76.6

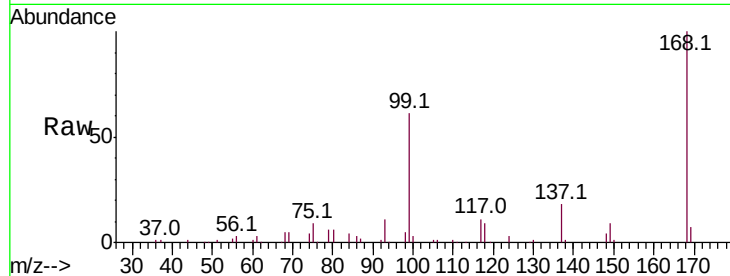




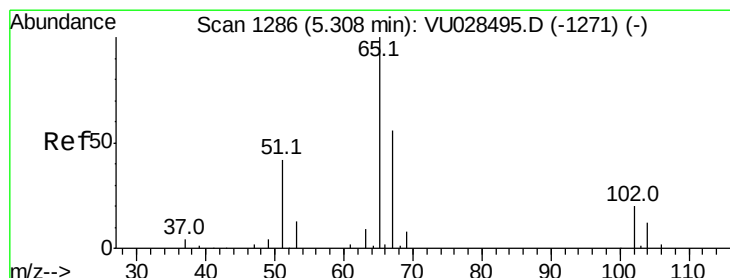
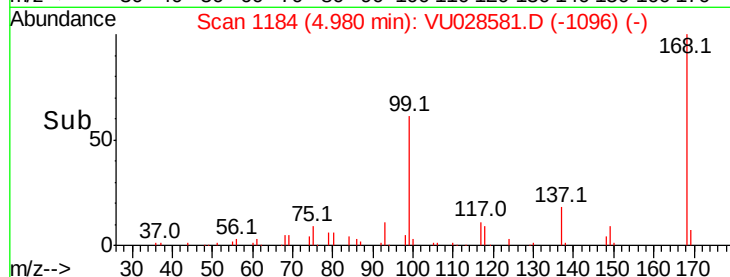
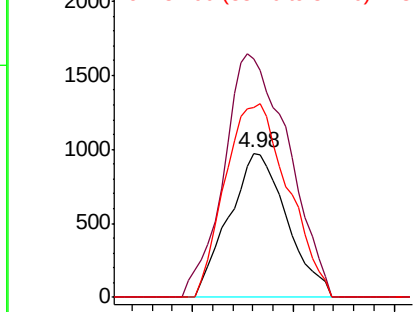
#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1184
Delta R.T. -0.02 min
Lab File: VU028581.D
Acq: 11 Dec 2018 04:04

Instrument :
MSVOA_U
ClientSampleId :
BP-EB02-20181207

Tot Ion: 56 Resp: 1953
Ion Ratio Lower Upper
56 100
69 165.5 24.0 36.0#
84 132.0 59.7 89.5#

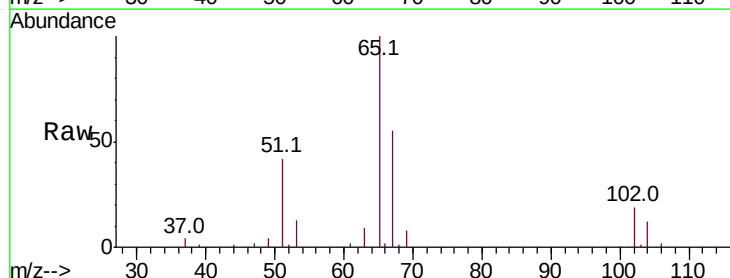


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

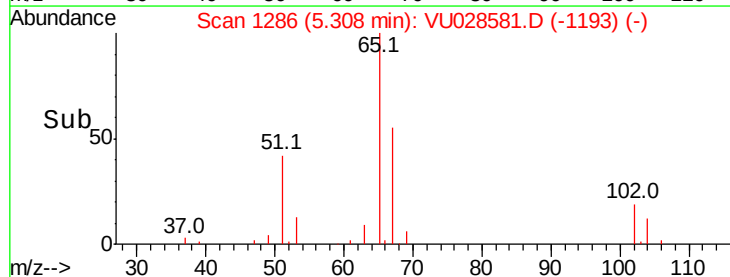
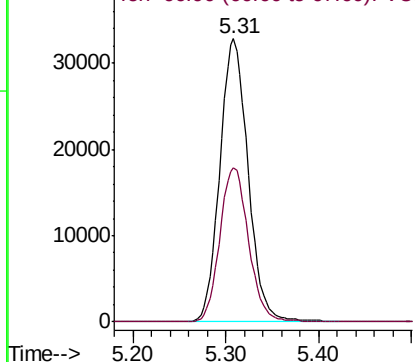


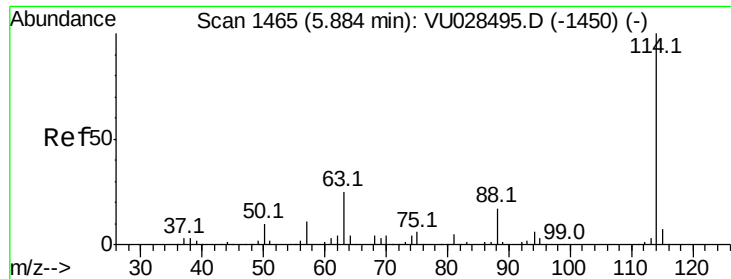
#33
1,2-Dichloroethane-d4
Concen: 56.365 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. -0.00 min
Lab File: VU028581.D
Acq: 11 Dec 2018 04:04

Tgt Ion: 65 Resp: 69442
Ion Ratio Lower Upper
65 100
67 55.2 0.0 110.6



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

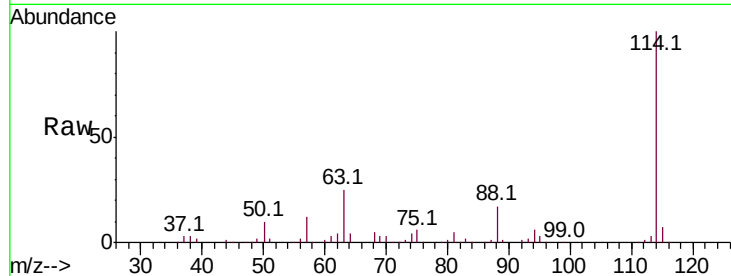




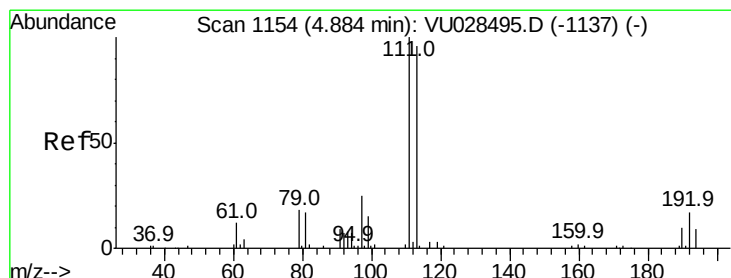
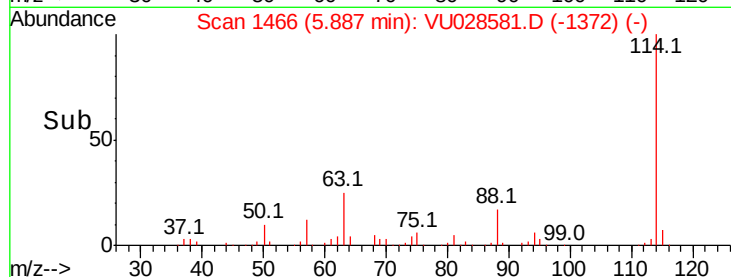
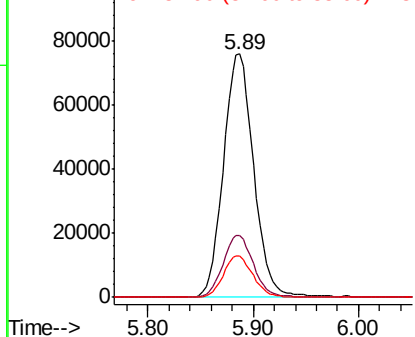
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028581.D
 Acq: 11 Dec 2018 04:04

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-EB02-20181207

Tot Ion	Ratio	Lower	Upper
114	100		
63	25.3	0.0	49.2
88	16.8	0.0	33.4

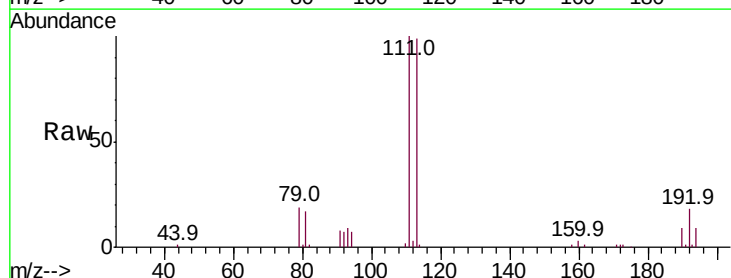


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

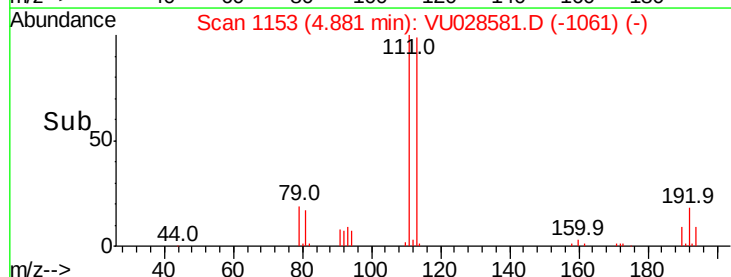
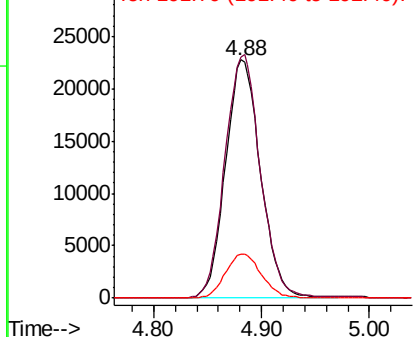


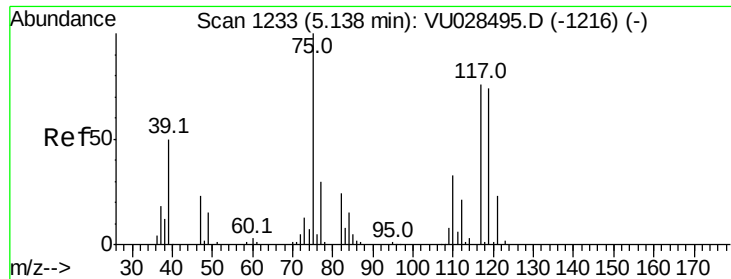
#35
 Dibromofluoromethane
 Concen: 54.388 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028581.D
 Acq: 11 Dec 2018 04:04

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.4	125.0
192	18.8	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: 4.337 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU028581.D

Acq: 11 Dec 2018 04:04

Instrument :
MSVOA_U
ClientSampleId :
BP-EB02-20181207

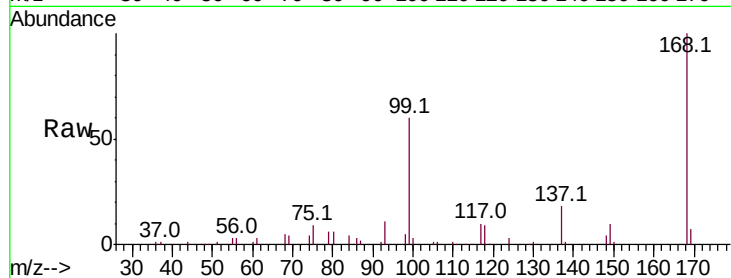
Tot Ion: 75 Resp: 7152

Ion Ratio Lower Upper

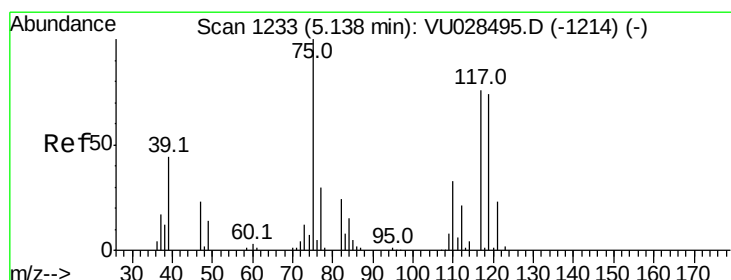
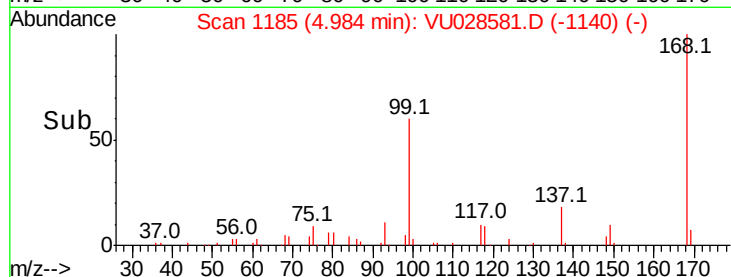
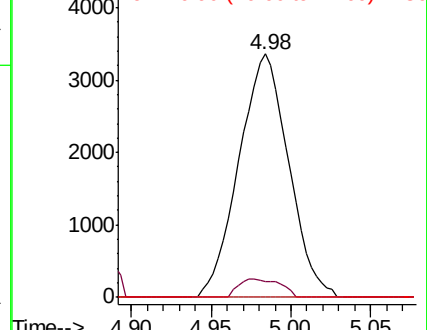
75 100

110 6.3 16.1 48.2#

77 0.0 24.5 36.7#



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



#38

Carbon Tetrachloride

Concen: 6.206 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.16 min

Lab File: VU028581.D

Acq: 11 Dec 2018 04:04

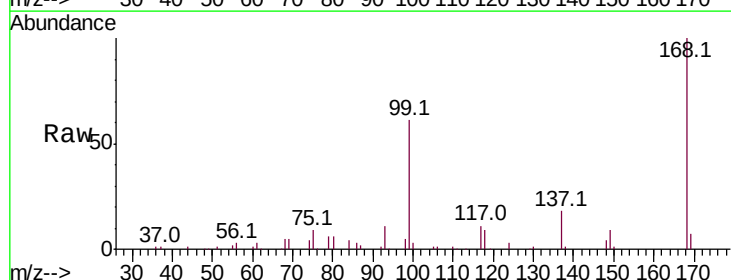
Tgt Ion: 117 Resp: 8249

Ion Ratio Lower Upper

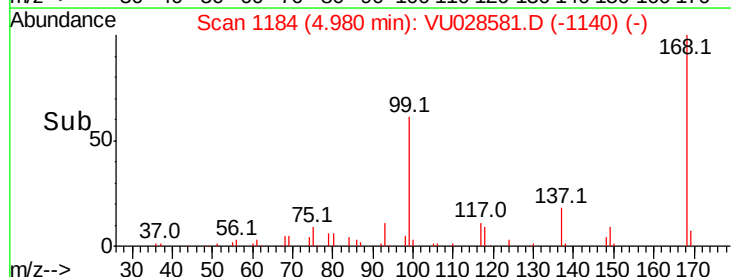
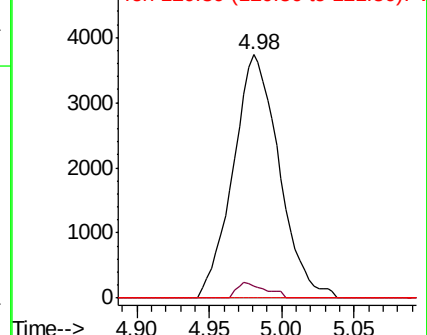
117 100

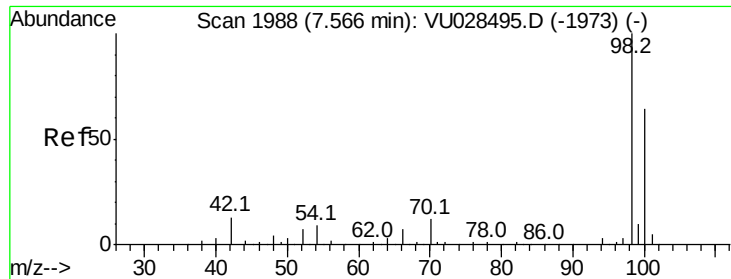
119 4.7 77.6 116.4#

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: 51.961 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028581.D

Acq: 11 Dec 2018 04:04

Instrument :

MSVOA_U

ClientSampleId :

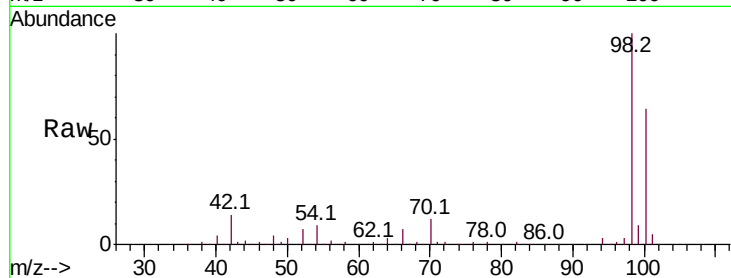
BP-EB02-20181207

Tot Ion: 98 Resp: 194936

Ion Ratio Lower Upper

98 100

100 63.8 51.0 76.6



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

Ion 100.00 (99.70 to 100.70): VU028495.D (-1973) (-)

7.57

120000

100000

80000

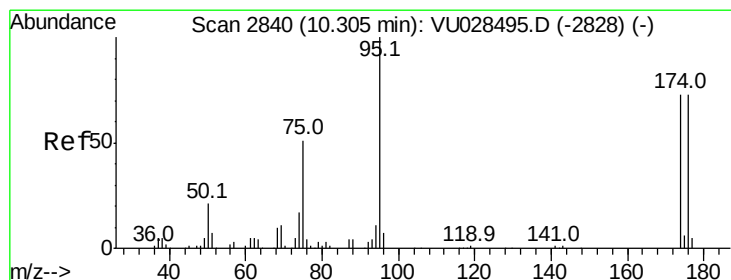
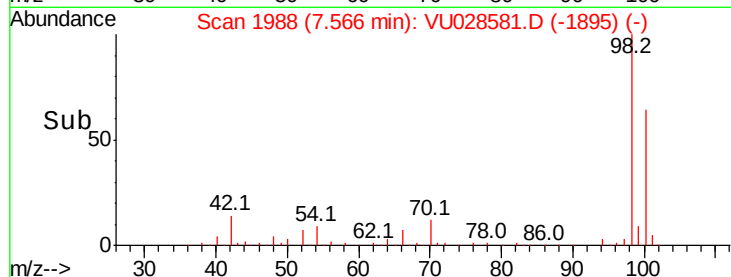
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.211 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028581.D

Acq: 11 Dec 2018 04:04

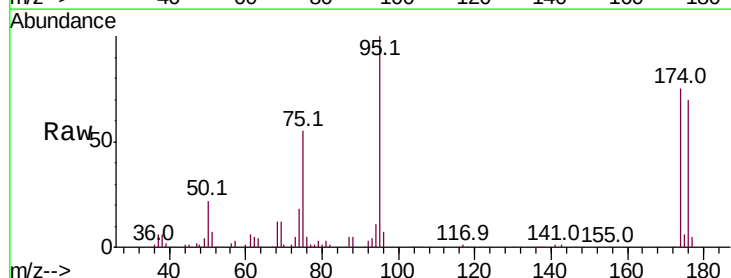
Tgt Ion: 95 Resp: 64797

Ion Ratio Lower Upper

95 100

174 75.1 0.0 150.4

176 70.6 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) (-)

10.30

50000

40000

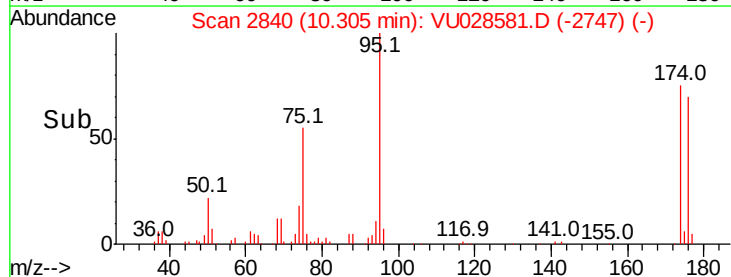
30000

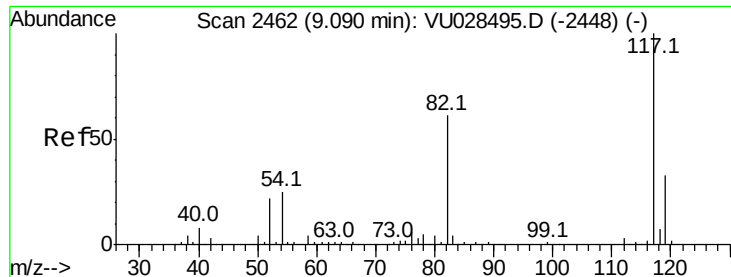
20000

10000

0

Time-->

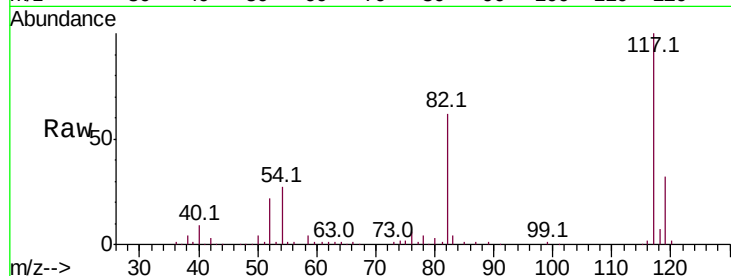




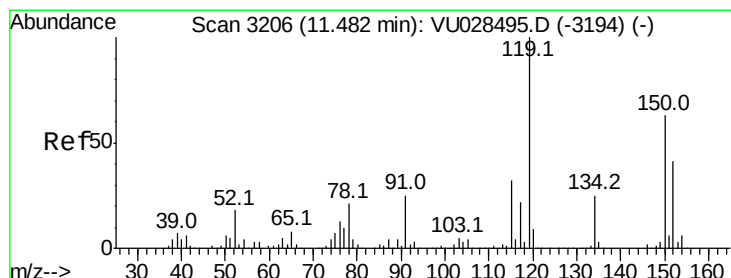
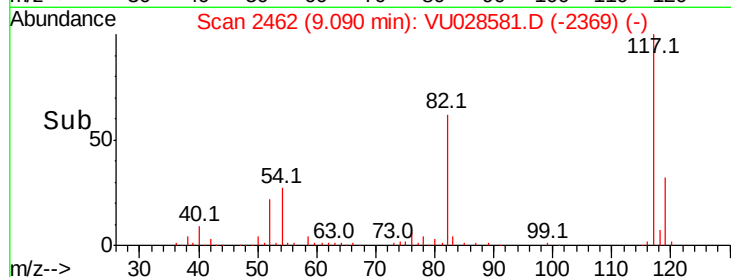
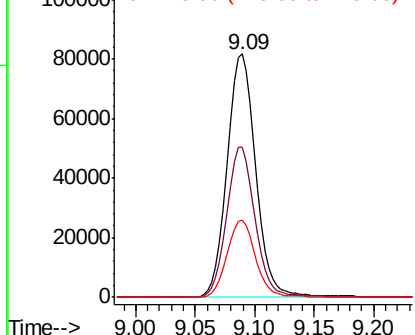
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028581.D
Acq: 11 Dec 2018 04:04

Instrument :
MSVOA_U
ClientSampleId :
BP-EB02-20181207

Tot Ion:117 Resp: 136816
Ion Ratio Lower Upper
117 100
82 61.6 48.9 73.3
119 31.7 26.2 39.4

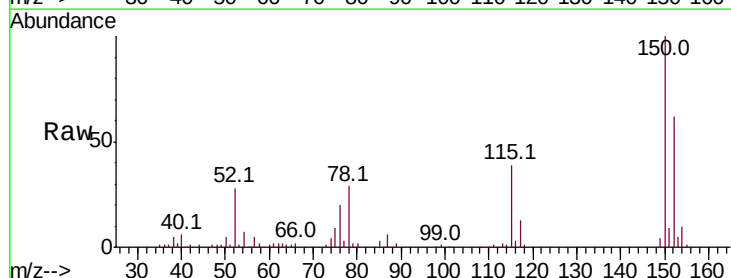


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

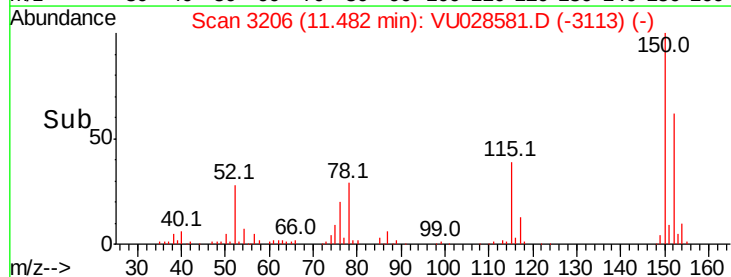
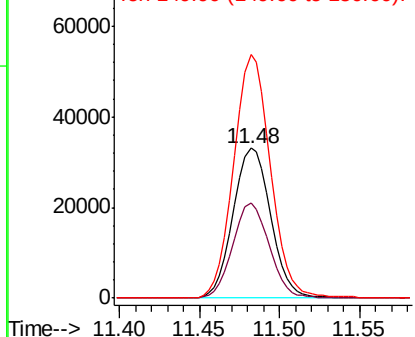


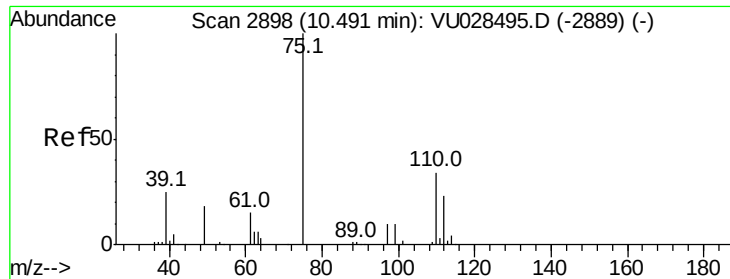
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028581.D
Acq: 11 Dec 2018 04:04

Tgt Ion:152 Resp: 53129
Ion Ratio Lower Upper
152 100
115 61.3 42.7 128.1
150 159.0 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

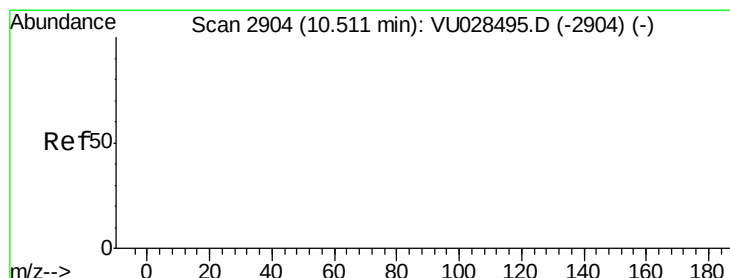
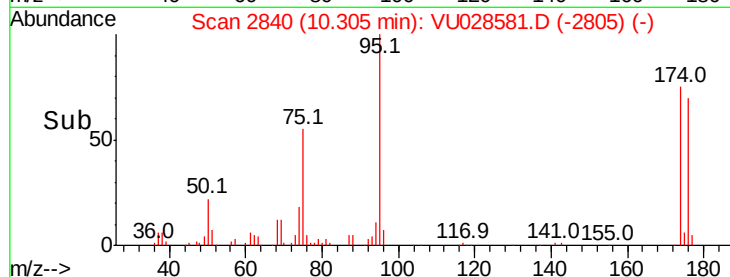
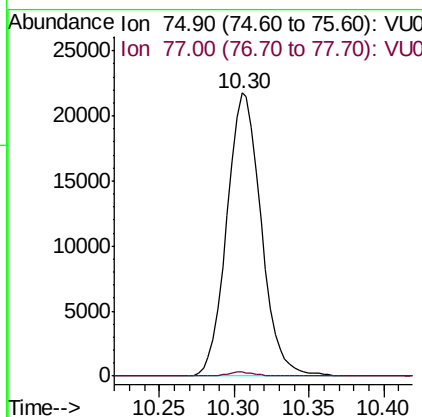
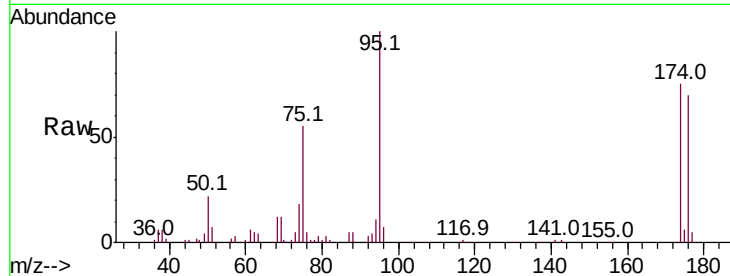




#76
 1,2,3-Trichloropropane
 Concen: 25.645 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. -0.19 min
 Lab File: VU028581.D
 Acq: 11 Dec 2018 04:04

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-EB02-20181207

Tot Ion: 75 Resp: 34792
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.8 62.4#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.917 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. -0.21 min
 Lab File: VU028581.D
 Acq: 11 Dec 2018 04:04

Tgt Ion: 75 Resp: 34792
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0

