

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120618\
 Data File : VU028499.D
 Acq On : 06 Dec 2018 14:40
 Operator : MD/SY
 Sample : VU1206WBL01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1206WBL01

Quant Time: Dec 07 06:14:47 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

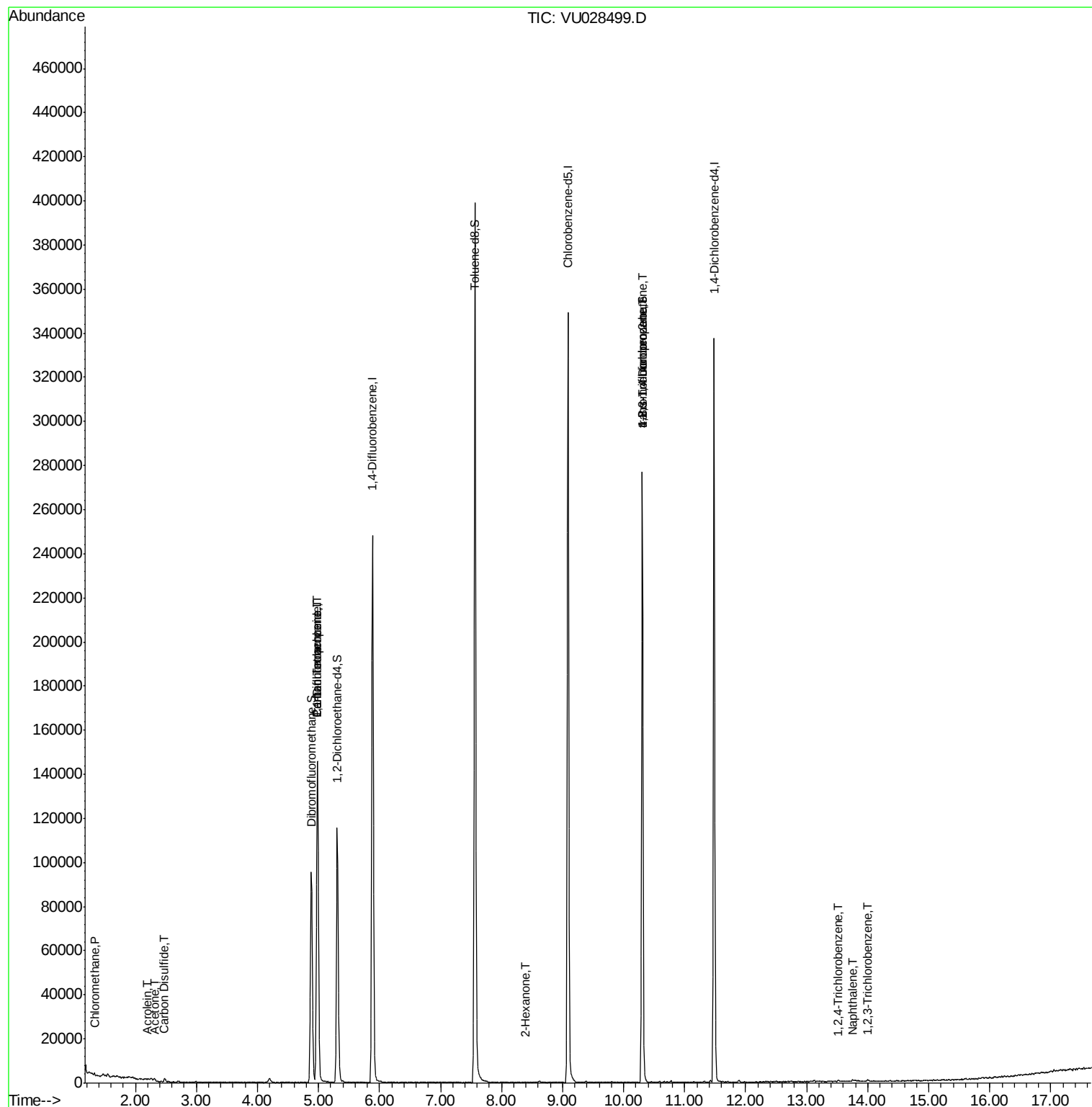
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	109606	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	203278	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	187435	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	82416	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	89562	53.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.08%	
35) Dibromofluoromethane	4.88	113	66635	52.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.18%	
50) Toluene-d8	7.57	98	263817	52.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.26%	
62) 4-Bromofluorobenzene	10.30	95	94443	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.86%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.33	50	747	0.277	ug/l #	80
13) Acrolein	2.20	56	87	0.293	ug/l #	14
16) Acetone	2.32	43	604	0.553	ug/l #	44
17) Carbon Disulfide	2.48	76	2090	0.475	ug/l #	82
31) Cyclohexane	4.99	56	2696	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	9681	4.352	ug/l #	49
38) Carbon Tetrachloride	4.99	117	10476	5.843	ug/l #	14
59) 2-Hexanone	8.39	43	548	0.241	ug/l #	26
76) 1,2,3-Trichloropropane	10.31	75	49075	23.319	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	49075	57.257	ug/l #	100
93) 1,2,4-Trichlorobenzene	13.52	180	485	1.092	ug/l #	42
95) Naphthalene	13.75	128	1873	0.279	ug/l #	71
96) 1,2,3-Trichlorobenzene	13.99	180	483	0.399	ug/l #	87

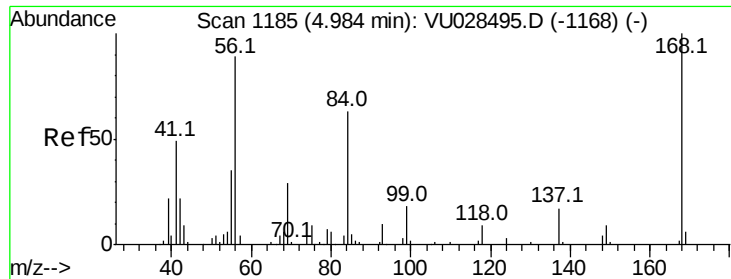
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU120618\
Data File : VU028499.D
Acq On : 06 Dec 2018 14:40
Operator : MD/SY
Sample : VU1206WBL01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU1206WBL01

Quant Time: Dec 07 06:14:47 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: VU028499.D

Acq: 06 Dec 2018 14:40

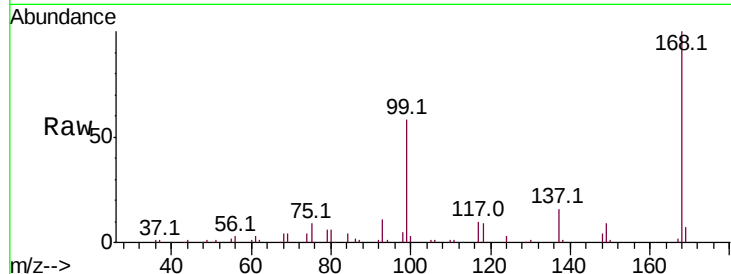
Instrument :
MSVOA_U
ClientSampleId :
VU1206WBL01

Tot Ion:168 Resp: 109606

Ion Ratio Lower Upper

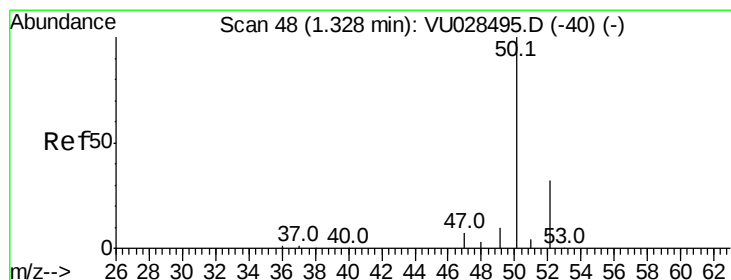
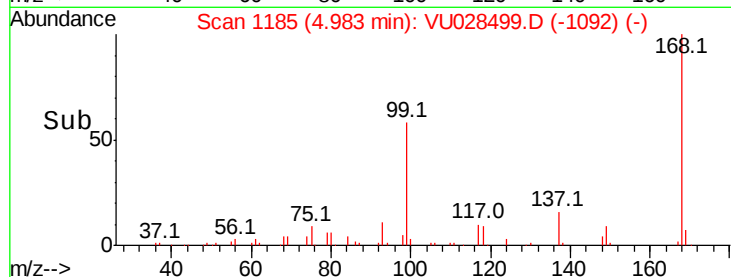
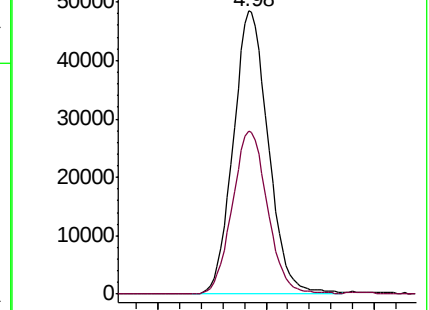
168 100

99 57.8 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) (-)



#3

Chloromethane

Concen: 0.277 ug/l

RT: 1.33 min Scan# 49

Delta R.T. 0.00 min

Lab File: VU028499.D

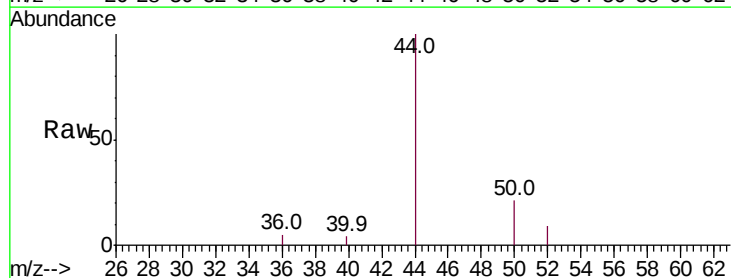
Acq: 06 Dec 2018 14:40

Tgt Ion: 50 Resp: 747

Ion Ratio Lower Upper

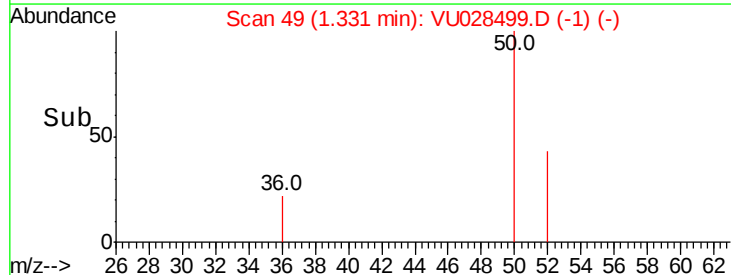
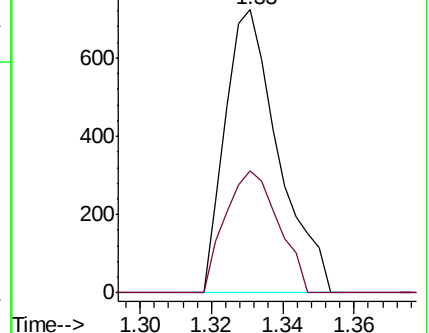
50 100

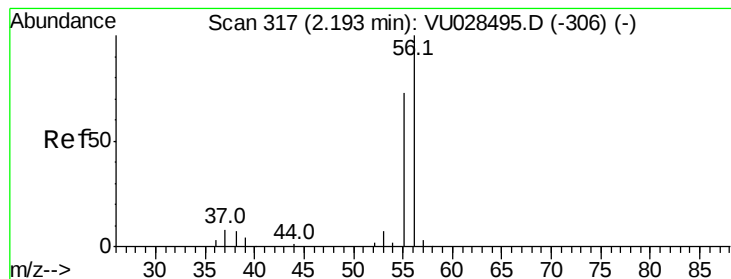
52 43.3 25.5 38.3#



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

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





#13

Acrolein

Concen: 0.293 ug/l

RT: 2.20 min Scan# 319

Delta R.T. 0.01 min

Lab File: VU028499.D

Acq: 06 Dec 2018 14:40

Instrument :

MSVOA_U

ClientSampleId :

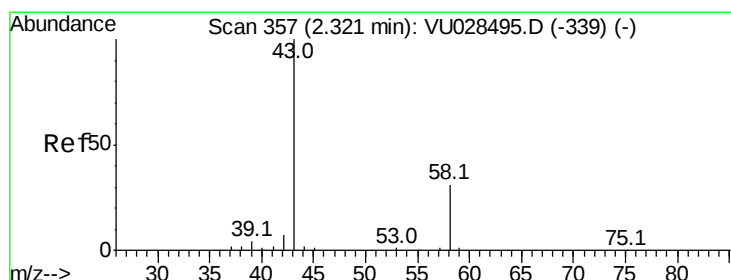
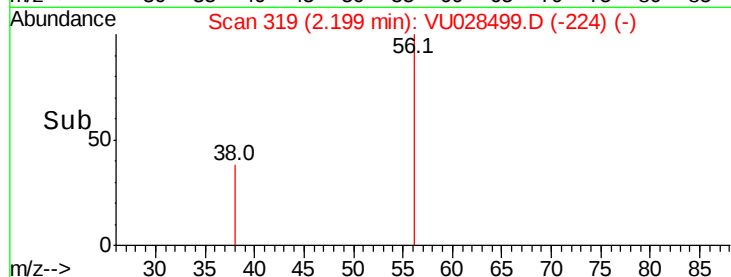
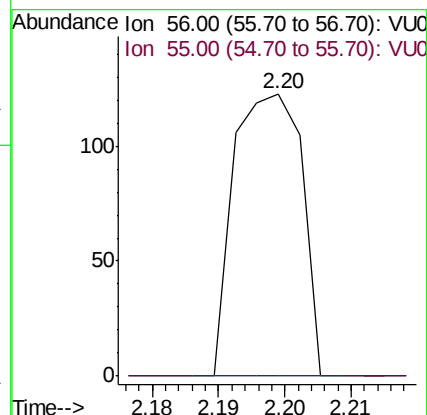
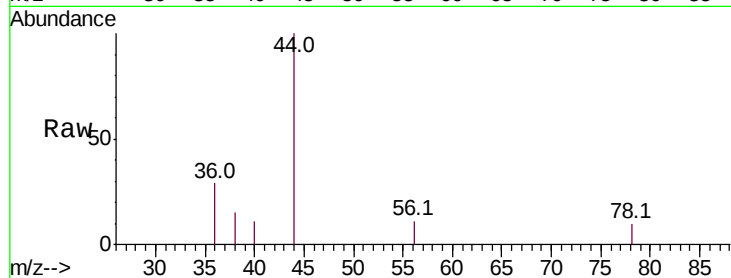
VU1206WBL01

Tot Ion: 56 Resp: 87

Ion Ratio Lower Upper

56 100

55 0.0 57.5 86.3#



#16

Acetone

Concen: 0.553 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU028499.D

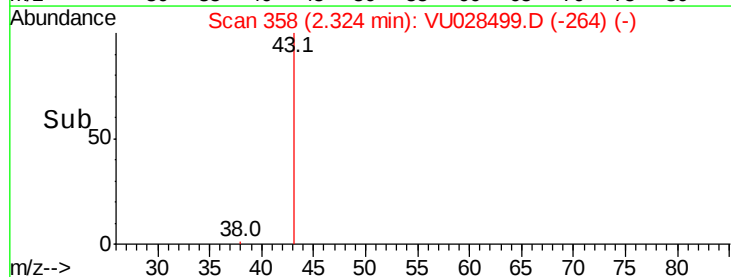
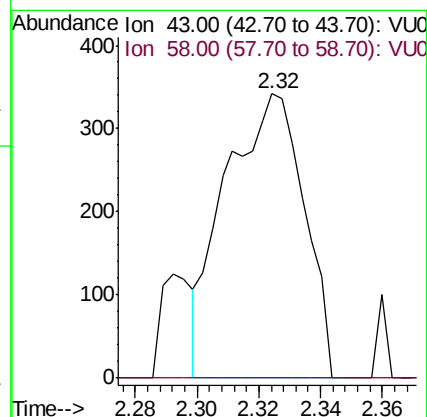
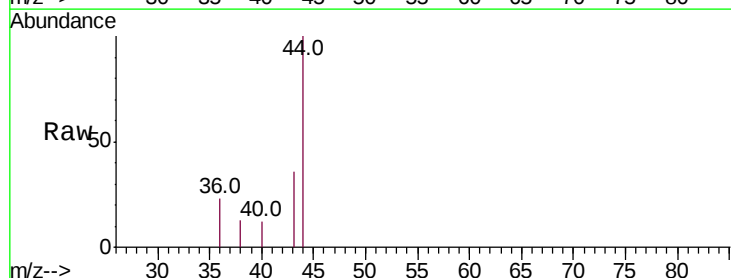
Acq: 06 Dec 2018 14:40

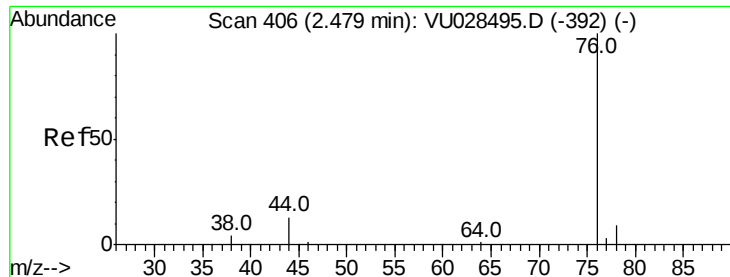
Tgt Ion: 43 Resp: 604

Ion Ratio Lower Upper

43 100

58 0.0 24.6 37.0#

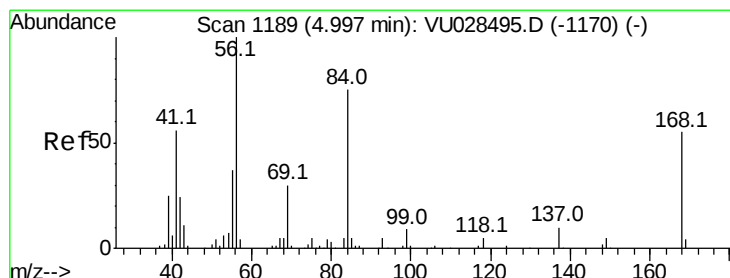
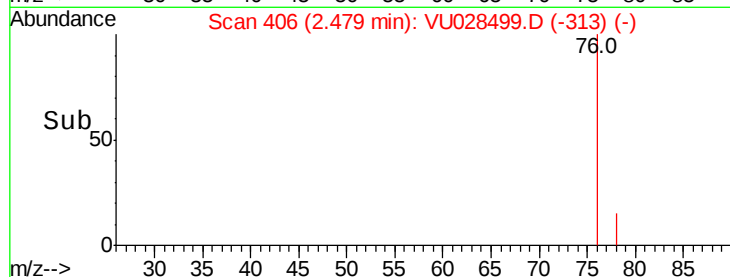
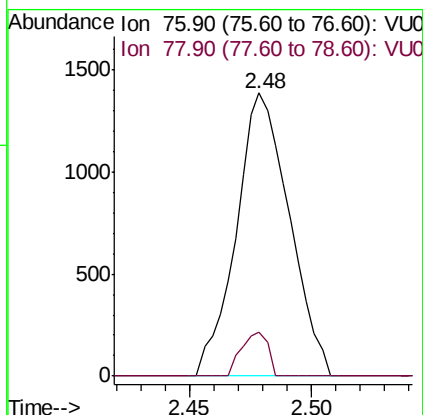
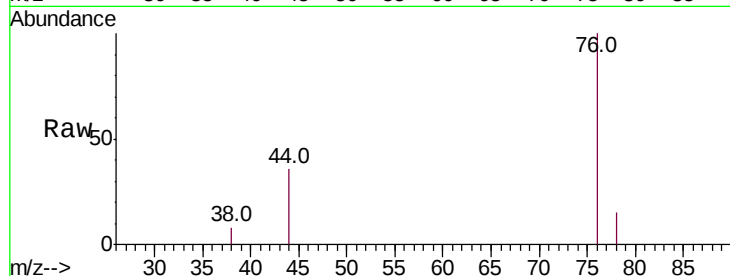




#17
Carbon Disulfide
Concen: 0.475 ug/l
RT: 2.48 min Scan# 406
Delta R.T. -0.00 min
Lab File: VU028499.D
Acq: 06 Dec 2018 14:40

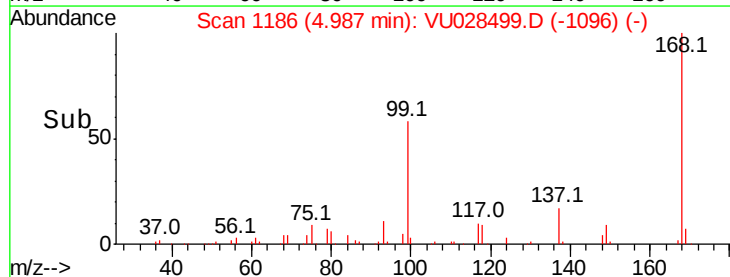
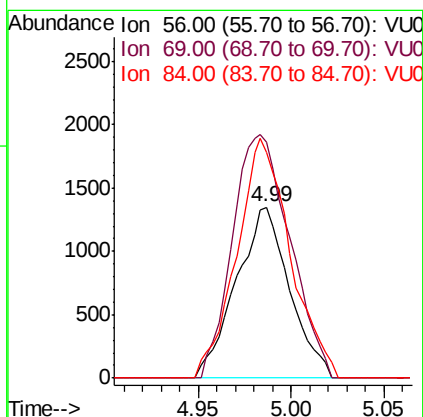
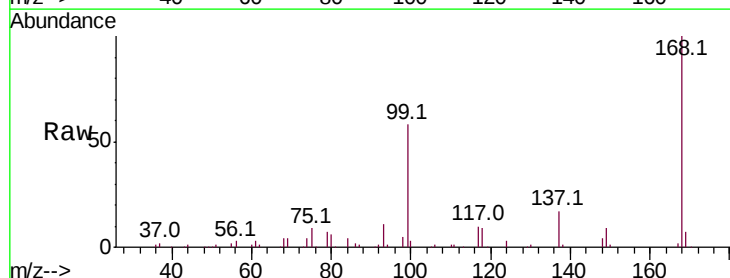
Instrument :
MSVOA_U
ClientSampleId :
VU1206WBL01

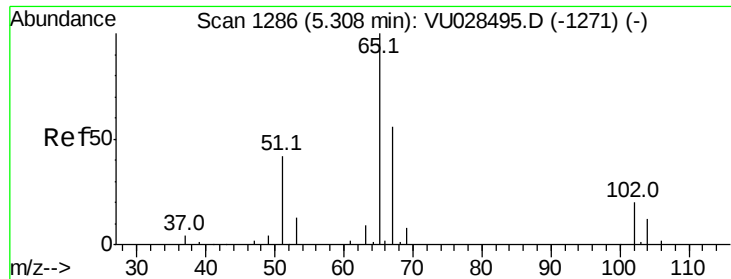
Tot Ion: 76 Resp: 2090
Ion Ratio Lower Upper
76 100
78 15.4 7.2 10.8#



#31
Cyclohexane
Concen: Below Cal
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU028499.D
Acq: 06 Dec 2018 14:40

Tgt Ion: 56 Resp: 2696
Ion Ratio Lower Upper
56 100
69 137.8 24.0 36.0#
84 132.0 59.7 89.5#

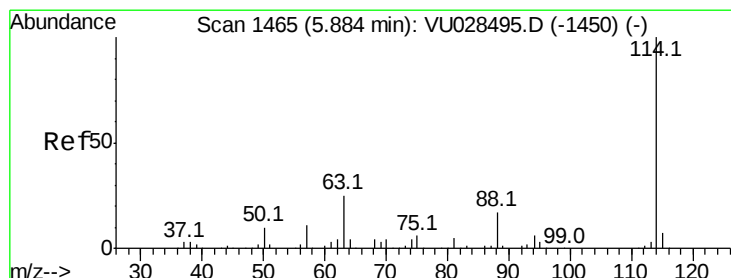
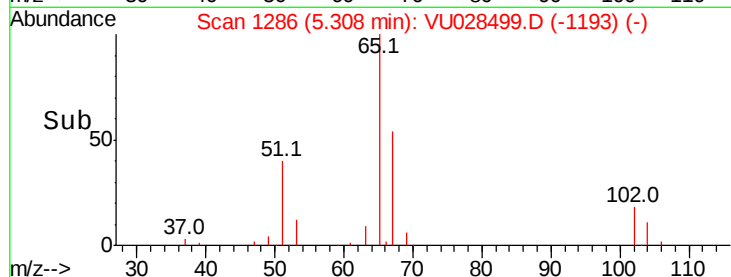
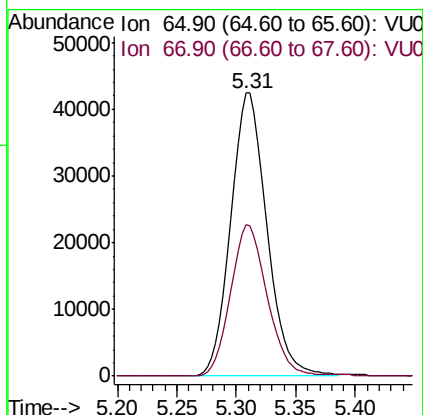
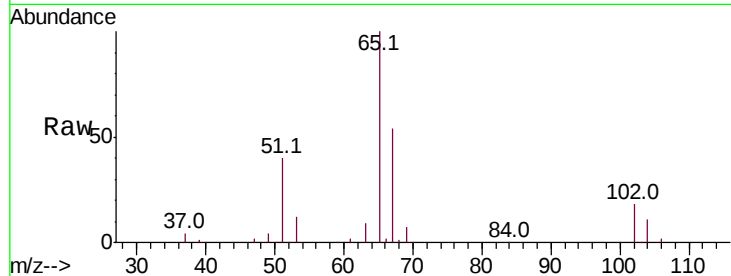




#33
 1,2-Dichloroethane-d4
 Concen: 53.545 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU028499.D
 Acq: 06 Dec 2018 14:40

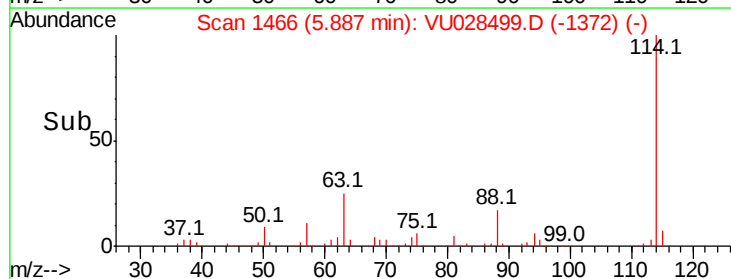
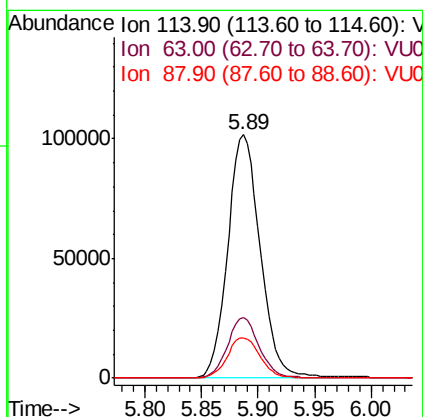
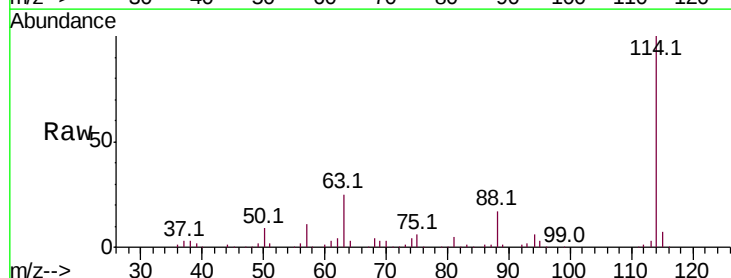
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1206WBL01

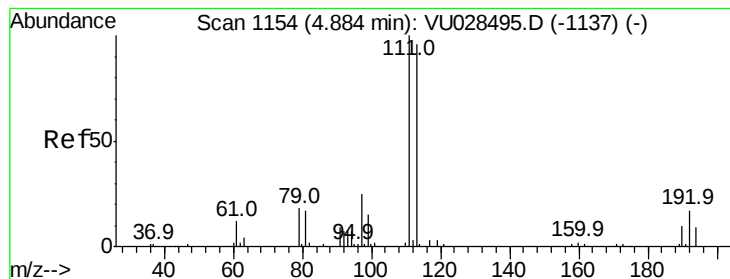
Tot Ion: 65 Resp: 89562
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028499.D
 Acq: 06 Dec 2018 14:40

Tgt Ion: 114 Resp: 203278
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 49.2
 88 16.5 0.0 33.4





#35

Dibromofluoromethane

Concen: 52.089 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. -0.00 min

Lab File: VU028499.D

Acq: 06 Dec 2018 14:40

Instrument :

MSVOA_U

ClientSampleId :

VU1206WBL01

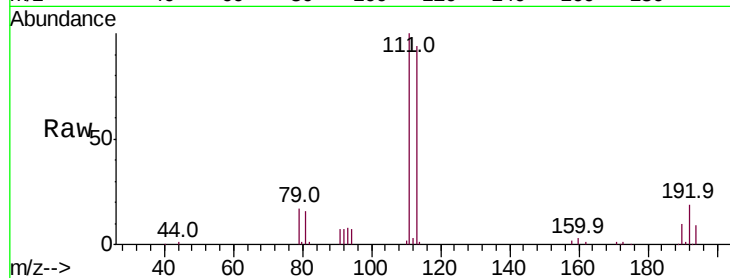
Tot Ion:113 Resp: 66635

Ion Ratio Lower Upper

113 100

111 103.2 83.4 125.0

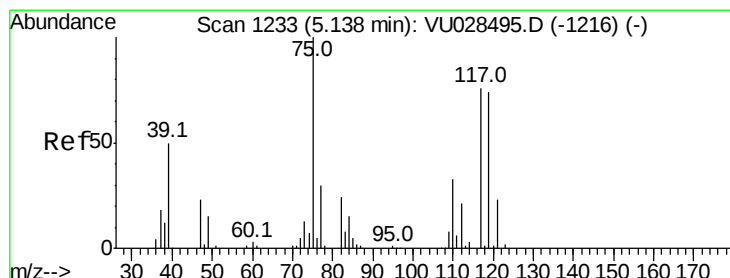
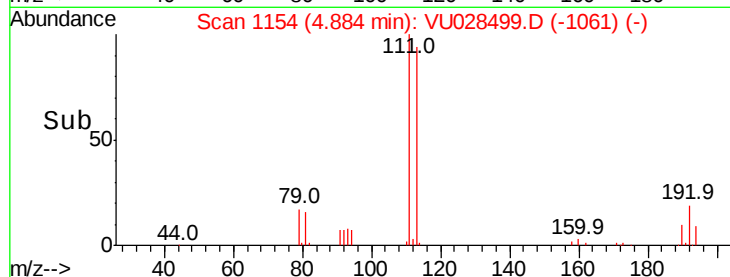
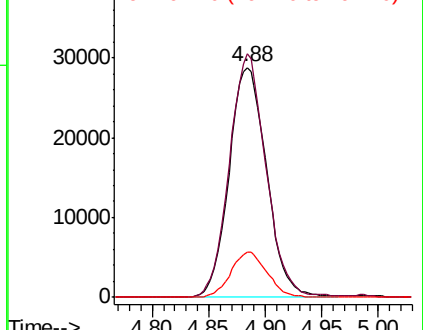
192 18.9 14.8 22.2



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: 4.352 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.16 min

Lab File: VU028499.D

Acq: 06 Dec 2018 14:40

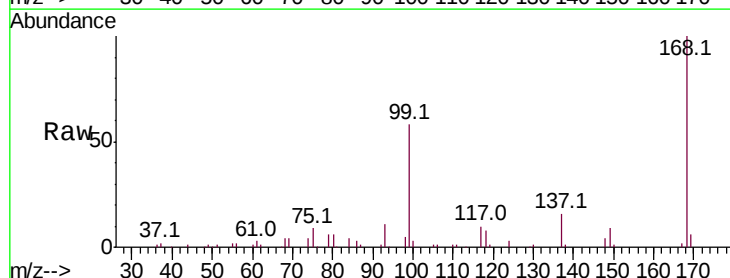
Tgt Ion: 75 Resp: 9681

Ion Ratio Lower Upper

75 100

110 6.8 16.1 48.2#

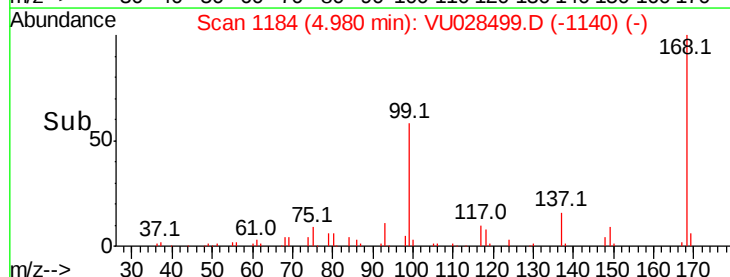
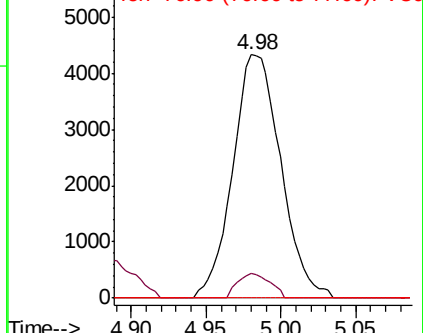
77 0.0 24.5 36.7#

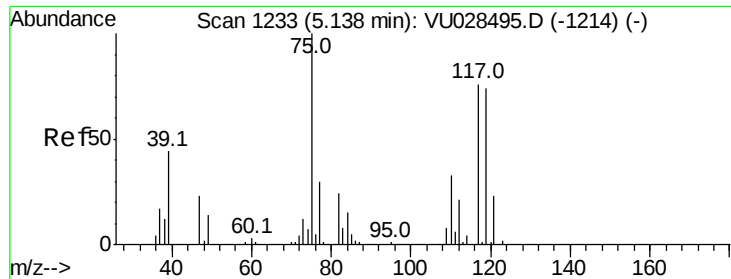


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

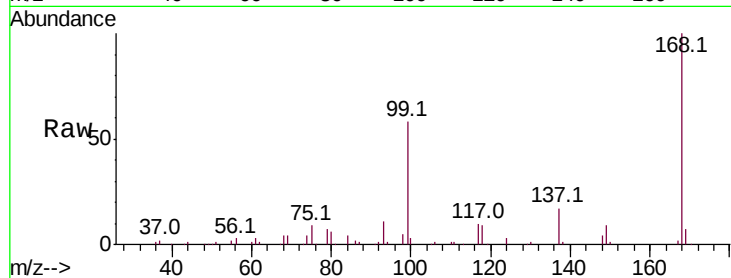




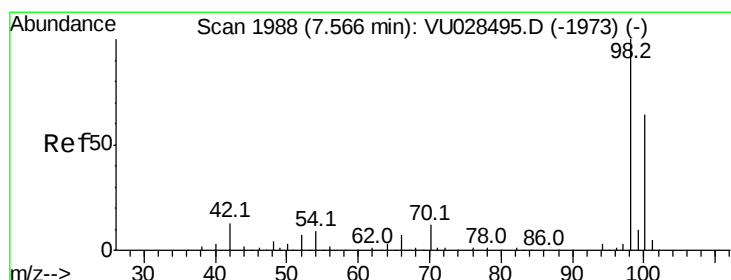
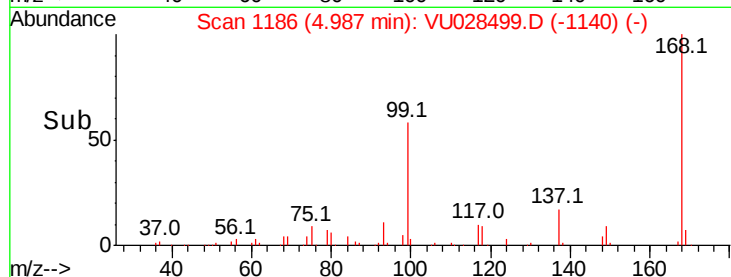
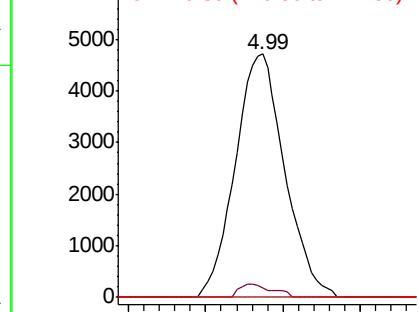
#38
Carbon Tetrachloride
Concen: 5.843 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.15 min
Lab File: VU028499.D
Acq: 06 Dec 2018 14:40

Instrument :
MSVOA_U
ClientSampleId :
VU1206WBL01

Tot Ion:117 Resp: 10476
Ion Ratio Lower Upper
117 100
119 3.8 77.6 116.4#
121 0.0 24.6 36.8#

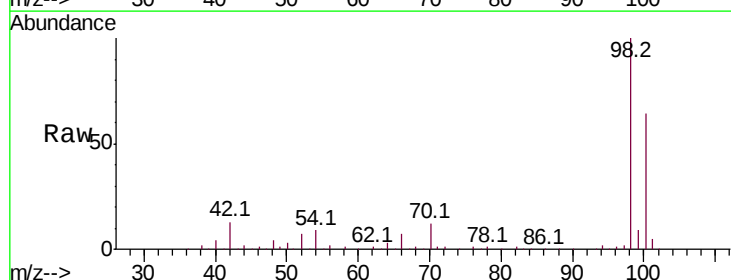


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

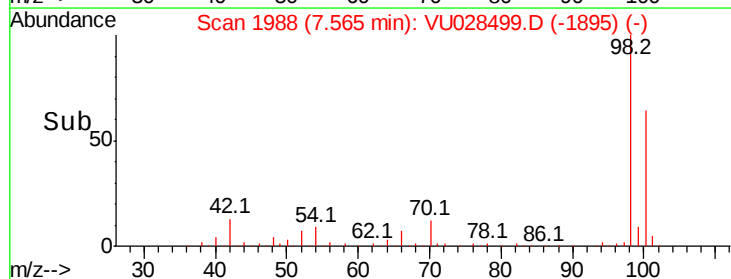
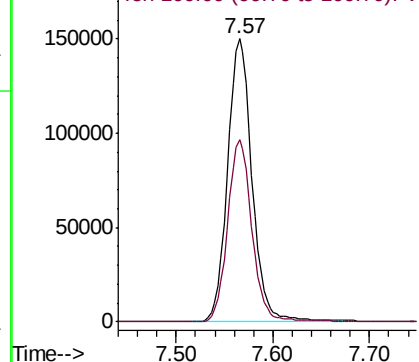


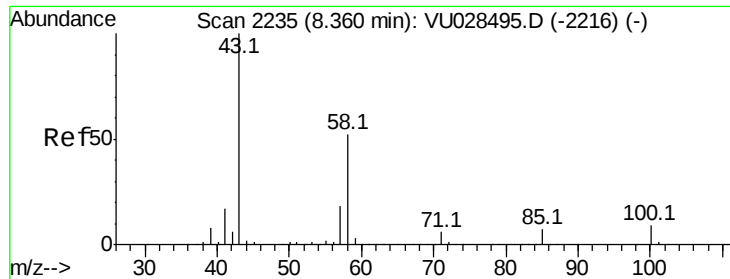
#50
Toluene-d8
Concen: 52.133 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU028499.D
Acq: 06 Dec 2018 14:40

Tgt Ion: 98 Resp: 263817
Ion Ratio Lower Upper
98 100
100 64.5 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU





#59

2-Hexanone

Concen: 0.241 ug/l

RT: 8.39 min Scan# 2243

Delta R.T. 0.03 min

Lab File: VU028499.D

Acq: 06 Dec 2018 14:40

Instrument :

MSVOA_U

ClientSampleId :

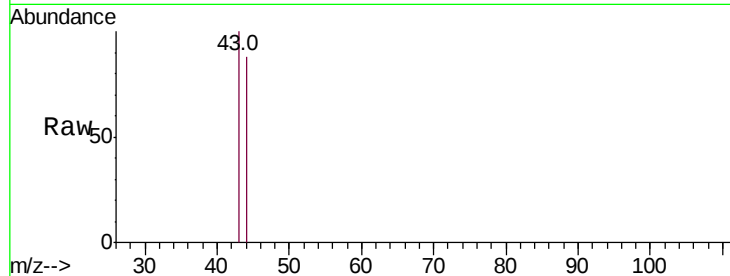
VU1206WBL01

Tot Ion: 43 Resp: 548

Ion Ratio Lower Upper

43 100

58 0.0 25.9 77.6#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

8.39

250

200

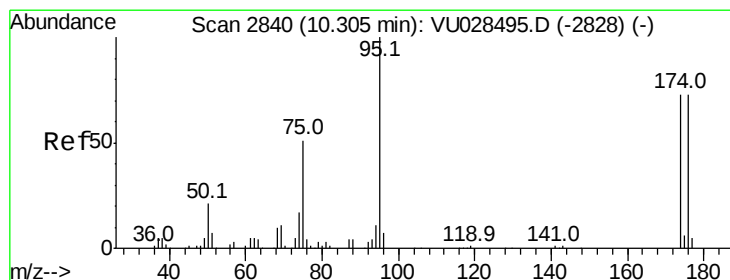
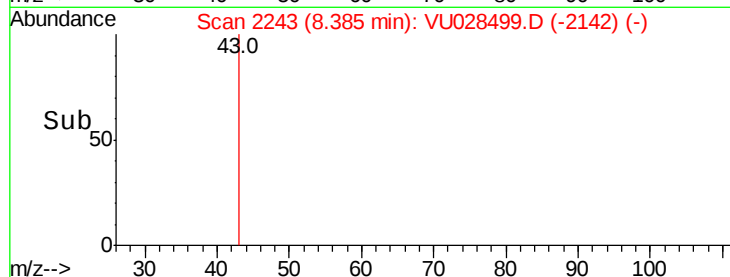
150

100

50

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.932 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028499.D

Acq: 06 Dec 2018 14:40

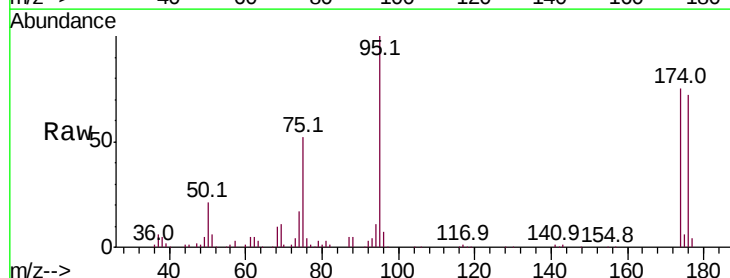
Tgt Ion: 95 Resp: 94443

Ion Ratio Lower Upper

95 100

174 74.8 0.0 150.4

176 72.0 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

80000

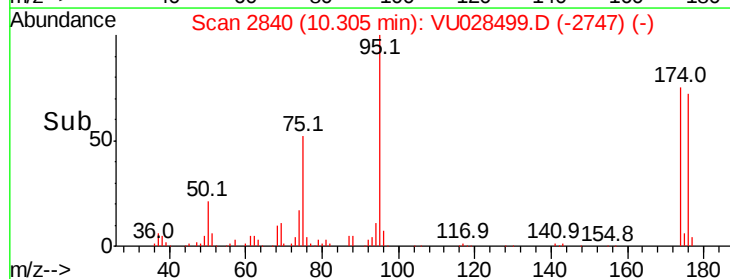
60000

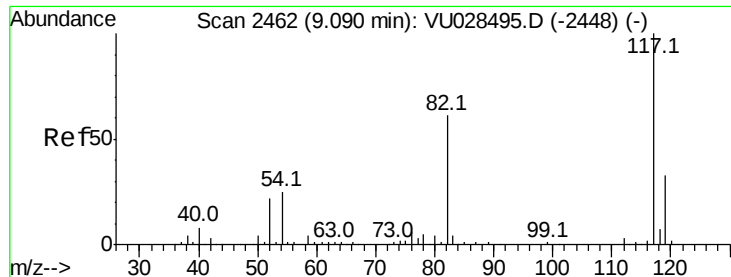
40000

20000

0

Time-->

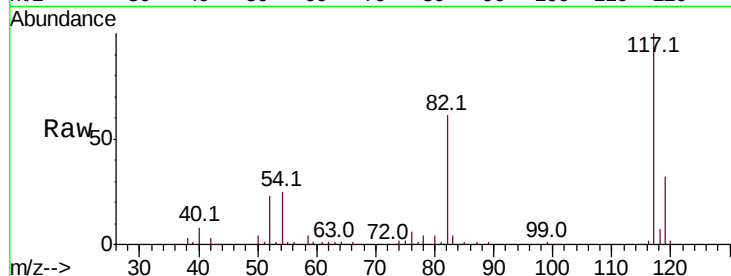




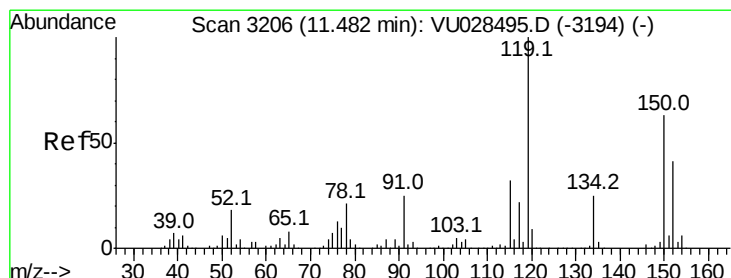
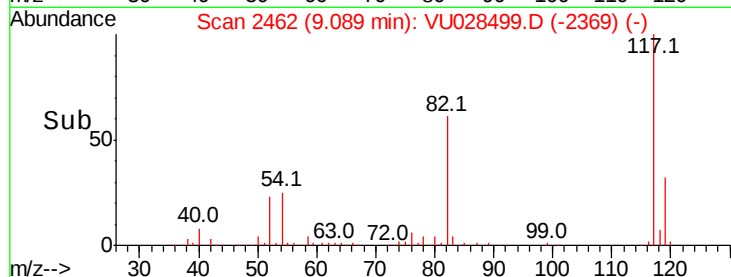
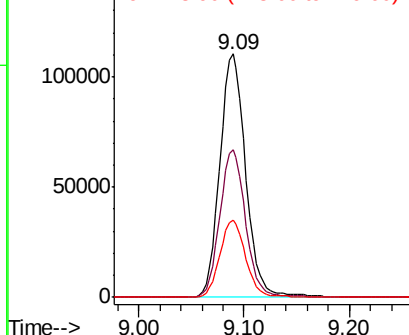
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028499.D
Acq: 06 Dec 2018 14:40

Instrument :
MSVOA_U
ClientSampleId :
VU1206WBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.9	48.9	73.3
119	31.8	26.2	39.4

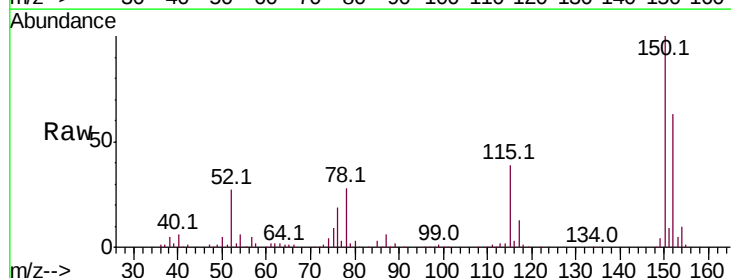


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

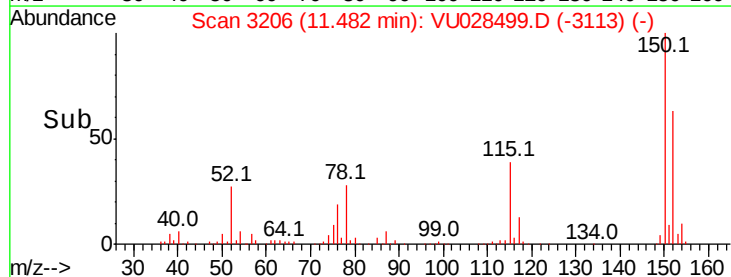
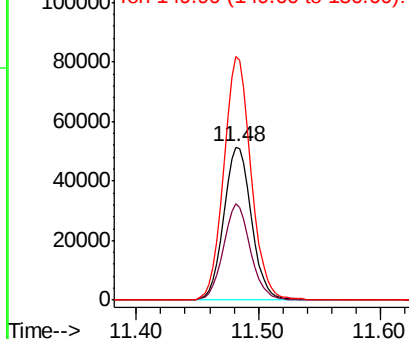


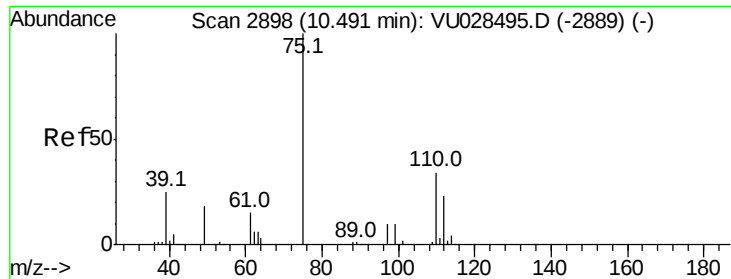
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028499.D
Acq: 06 Dec 2018 14:40

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.2	42.7	128.1
150	156.4	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: 23.319 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.18 min

Lab File: VU028499.D

Acq: 06 Dec 2018 14:40

Instrument :

MSVOA_U

ClientSampleId :

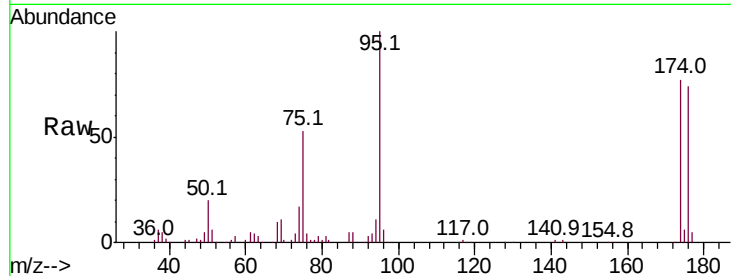
VU1206WBL01

Tot Ion: 75 Resp: 49075

Ion Ratio Lower Upper

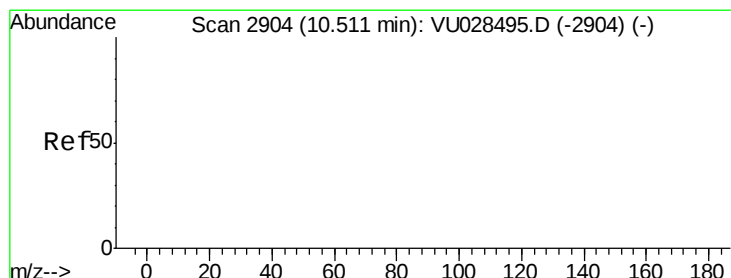
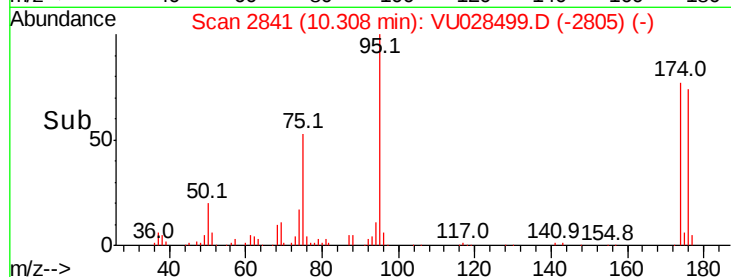
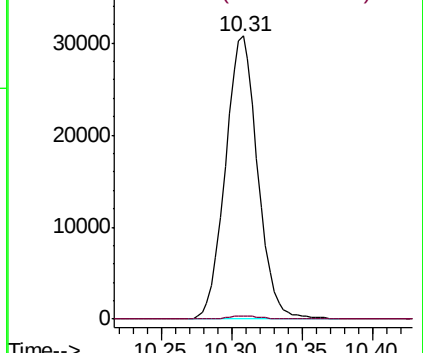
75 100

77 1.0 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: 57.257 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.20 min

Lab File: VU028499.D

Acq: 06 Dec 2018 14:40

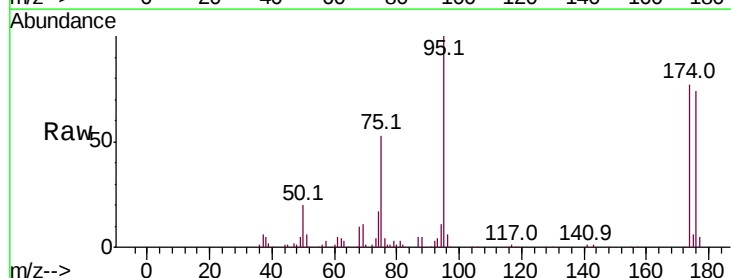
Tgt Ion: 75 Resp: 49075

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

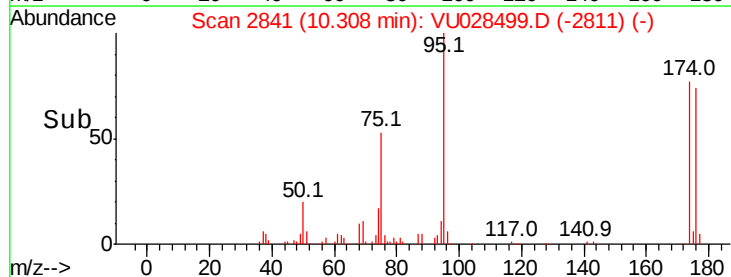
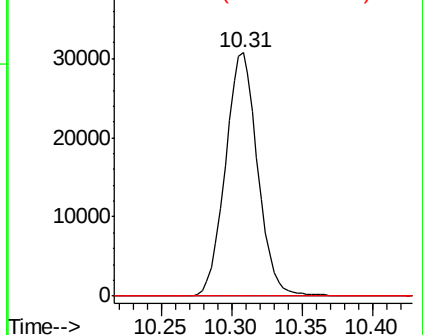
89 0.0 0.0 0.0

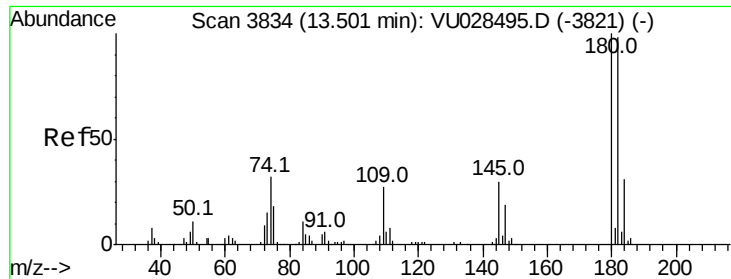


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0

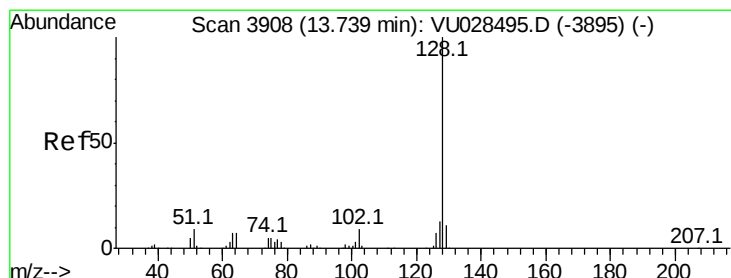
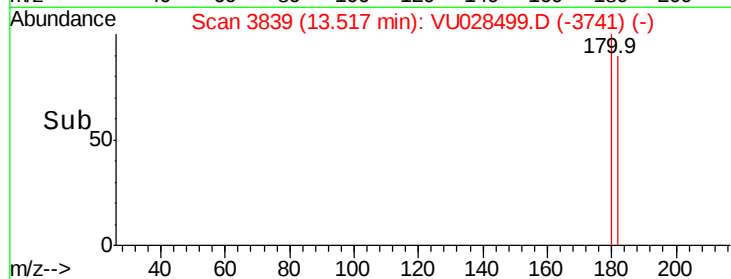
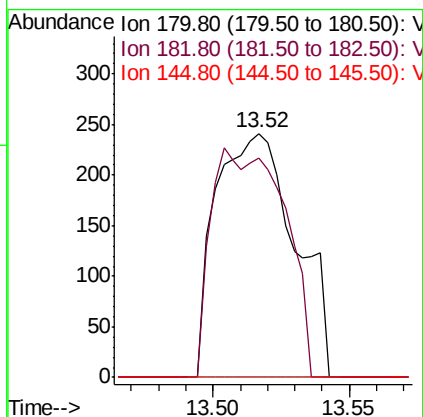
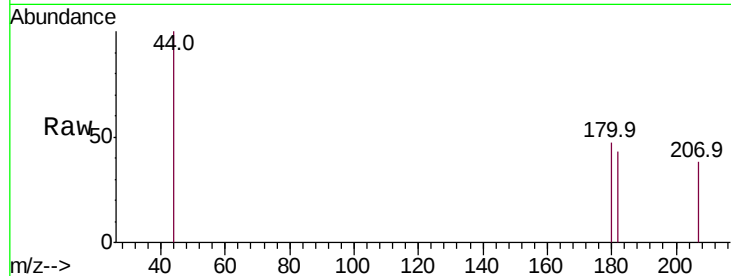




#93
 1,2,4-Trichlorobenzene
 Concen: 1.092 ug/l
 RT: 13.52 min Scan# 3839
 Delta R.T. 0.02 min
 Lab File: VU028499.D
 Acq: 06 Dec 2018 14:40

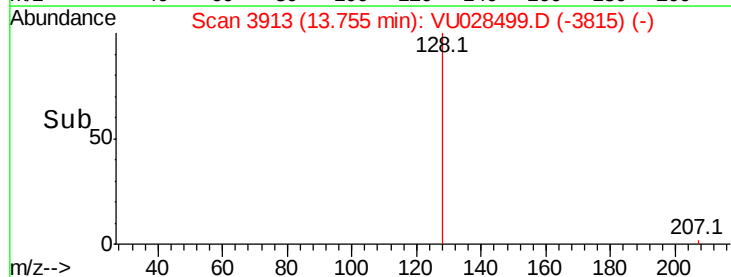
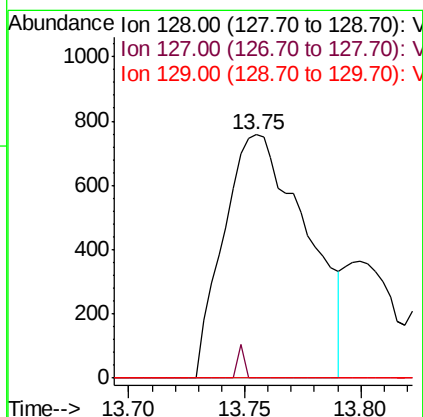
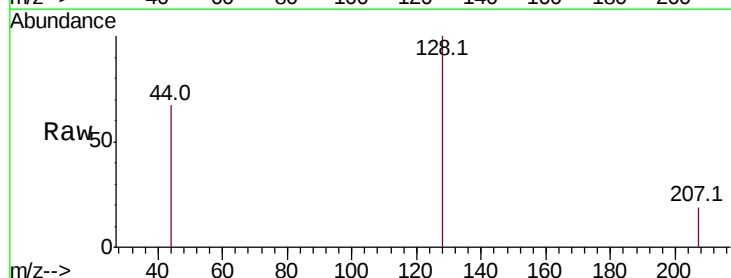
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1206WBL01

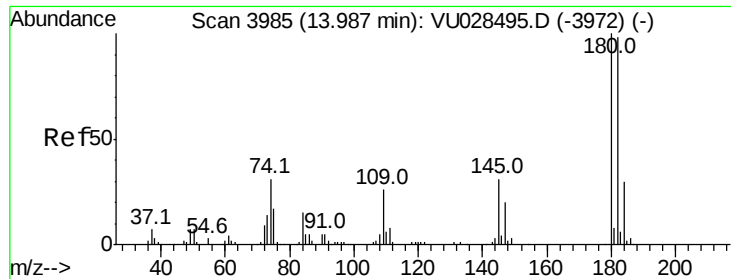
Tot Ion:180 Resp: 485
 Ion Ratio Lower Upper
 180 100
 182 38.6 47.9 143.8#
 145 0.0 15.0 45.1#



#95
 Naphthalene
 Concen: 0.279 ug/l
 RT: 13.75 min Scan# 3913
 Delta R.T. 0.02 min
 Lab File: VU028499.D
 Acq: 06 Dec 2018 14:40

Tgt Ion:128 Resp: 1873
 Ion Ratio Lower Upper
 128 100
 127 1.1 10.4 15.6#
 129 0.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.399 ug/l
 RT: 13.99 min Scan# 3987
 Delta R.T. 0.01 min
 Lab File: VU028499.D
 Acq: 06 Dec 2018 14:40

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1206WBL01

Tot Ion:180 Resp: 483
 Ion Ratio Lower Upper
 180 100
 182 90.7 48.2 144.6
 145 13.3 15.8 47.3#

