

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112918\
 Data File : VU028384.D
 Acq On : 29 Nov 2018 11:32
 Operator : MD/SY
 Sample : J6117-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 30 07:00:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 29 01:04:49 2018
 Response via : Initial Calibration

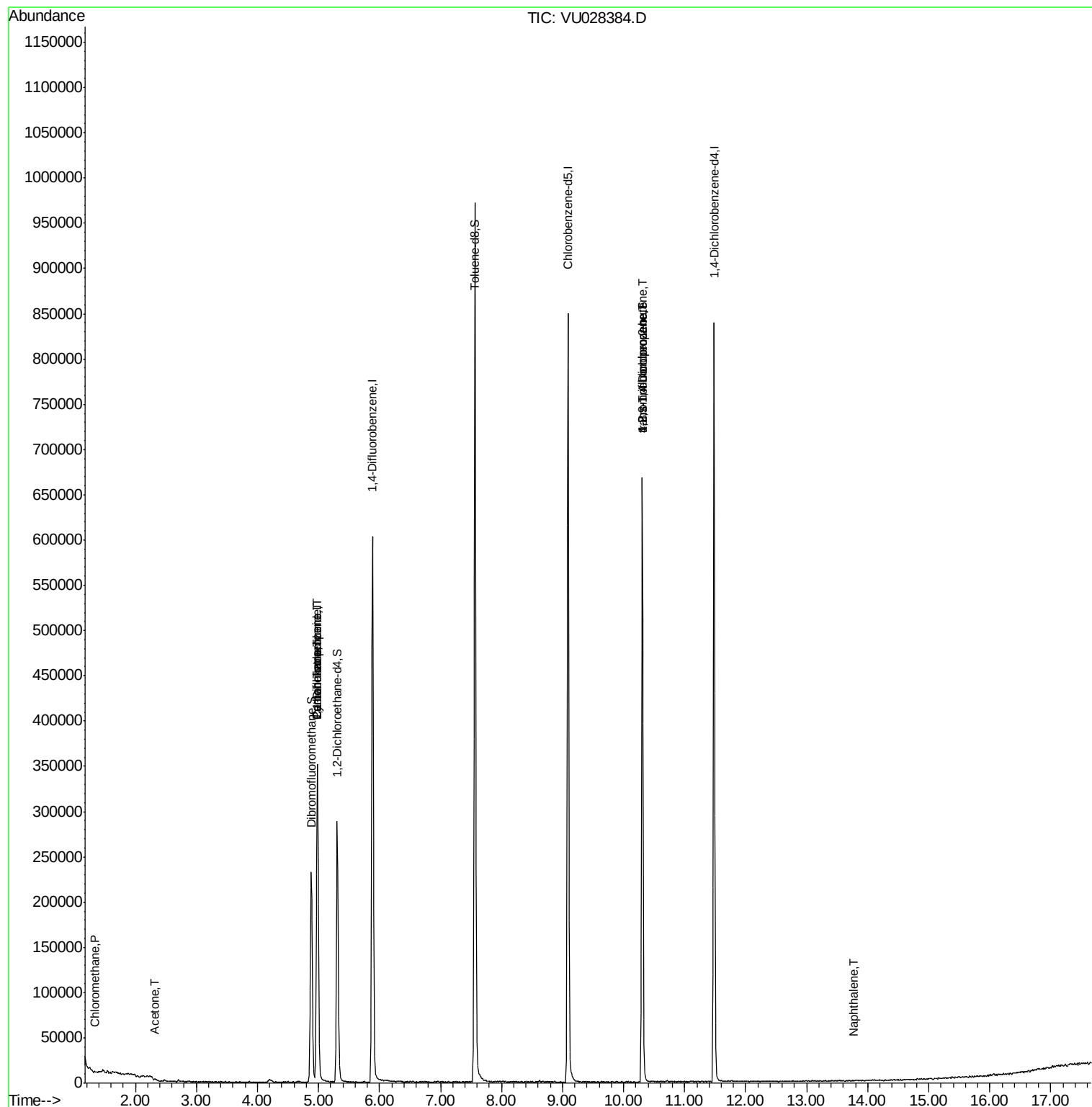
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	257626	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	479915	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	447691	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	197415	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	220256	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.32%	
35) Dibromofluoromethane	4.88	113	158590	49.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.40%	
50) Toluene-d8	7.57	98	632464	49.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.12%	
62) 4-Bromofluorobenzene	10.31	95	224850	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.76%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.33	50	1506	0.225	ug/l #	73
16) Acetone	2.32	43	1101	0.418	ug/l	98
31) Cyclohexane	4.98	56	6390	0.510	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	23577	4.489	ug/l #	47
38) Carbon Tetrachloride	4.98	117	25712	5.962	ug/l #	16
76) 1,2,3-Trichloropropane	10.31	75	117204	21.409	ug/l #	33
81) trans-1,4-Dichloro-2-buten	10.31	75	117204	56.830	ug/l #	100
95) Naphthalene	13.78	128	201	2.847	ug/l #	69

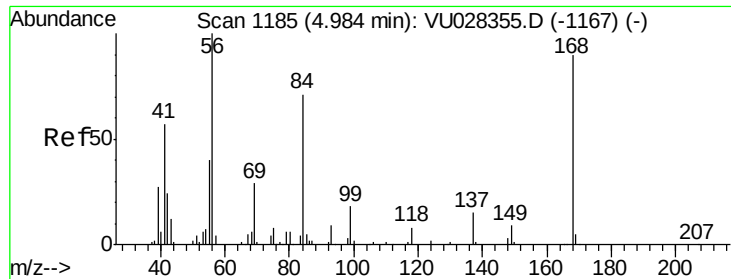
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Nov 29 01:04:49 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: VU028384.D

Acq: 29 Nov 2018 11:32

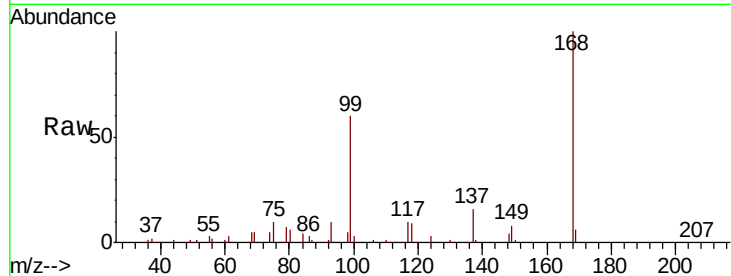
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:168 Resp: 257626

Ion Ratio Lower Upper

168 100

99 59.6 49.6 74.4



Abundance Ion 167.90 (167.60 to 168.60): VU028355.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028355.D (-1167) (-)

4.98

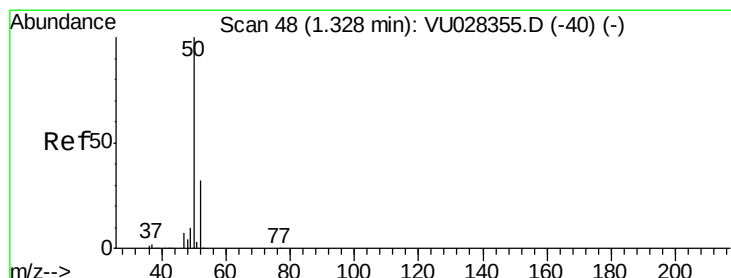
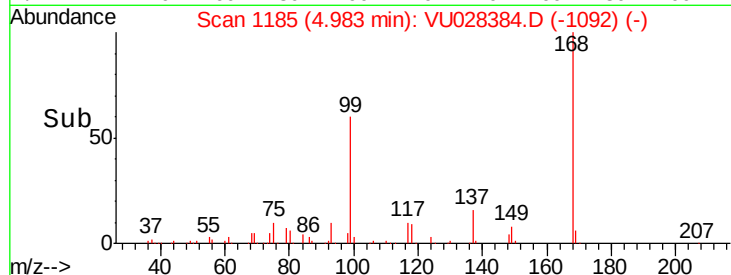
100000

50000

0

4.90 5.00 5.10

Time-->



#3

Chloromethane

Concen: 0.225 ug/l

RT: 1.33 min Scan# 49

Delta R.T. 0.00 min

Lab File: VU028384.D

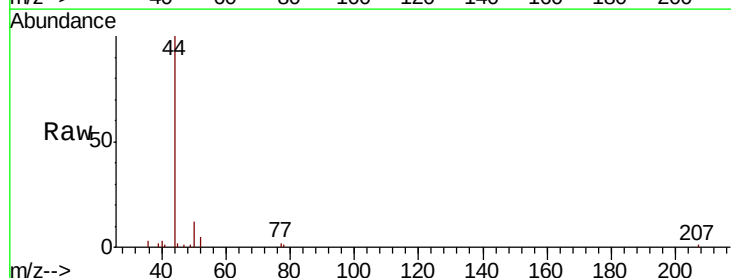
Acq: 29 Nov 2018 11:32

Tgt Ion: 50 Resp: 1506

Ion Ratio Lower Upper

50 100

52 46.7 25.4 38.2#



Abundance Ion 49.90 (49.60 to 50.60): VU028355.D (-40) (-)

Ion 51.90 (51.60 to 52.60): VU028355.D (-40) (-)

1.33

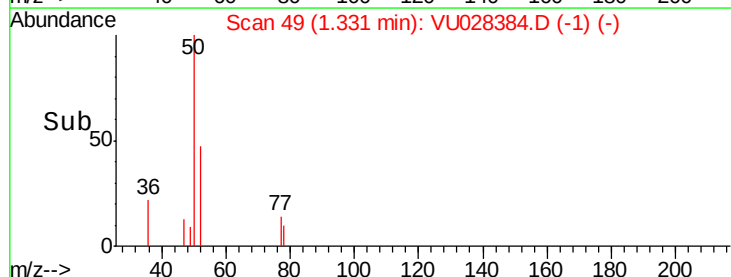
1000

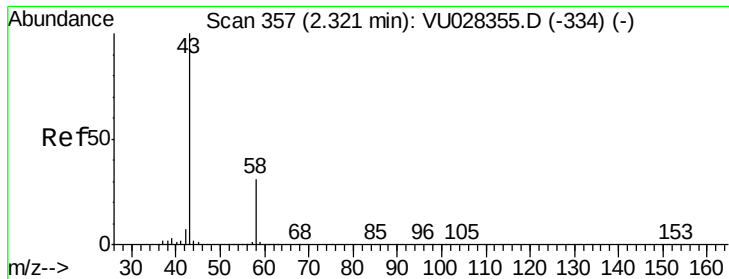
500

0

1.30 1.35

Time-->





#16

Acetone

Concen: 0.418 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028384.D

Acq: 29 Nov 2018 11:32

Instrument :

MSVOA_U

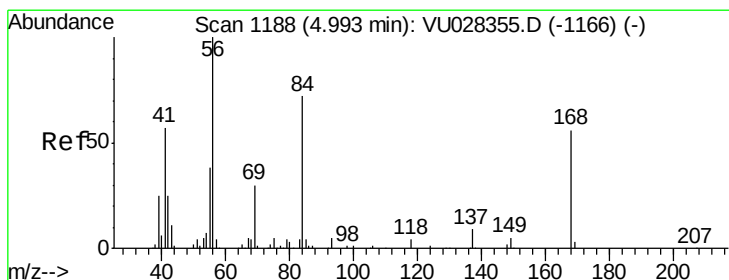
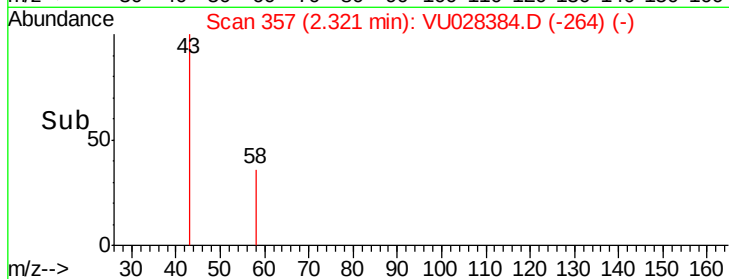
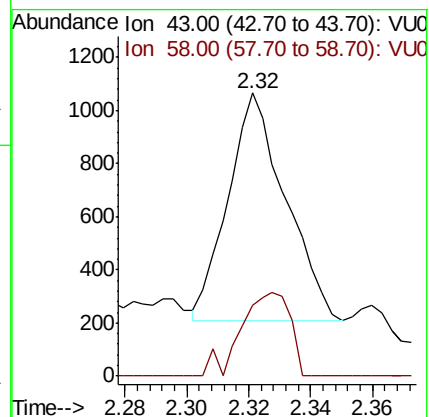
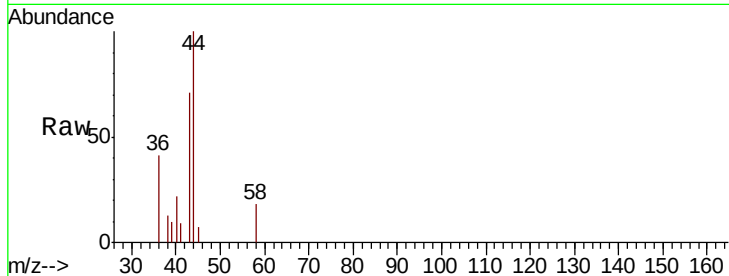
ClientSampleId :

Tot Ion: 43 Resp: 1101

Ion Ratio Lower Upper

43 100

58 31.5 24.4 36.6



#31

Cyclohexane

Concen: 0.510 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.01 min

Lab File: VU028384.D

Acq: 29 Nov 2018 11:32

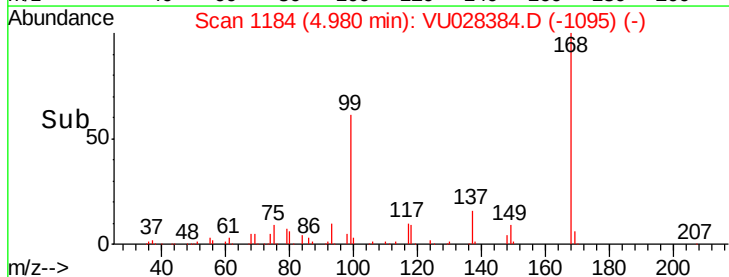
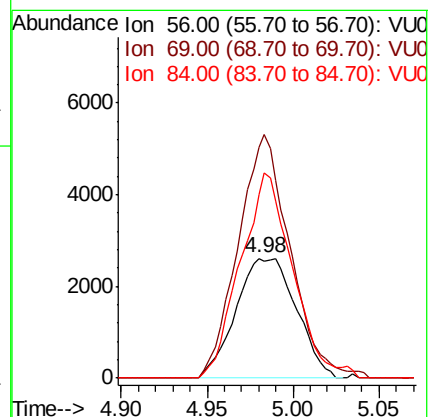
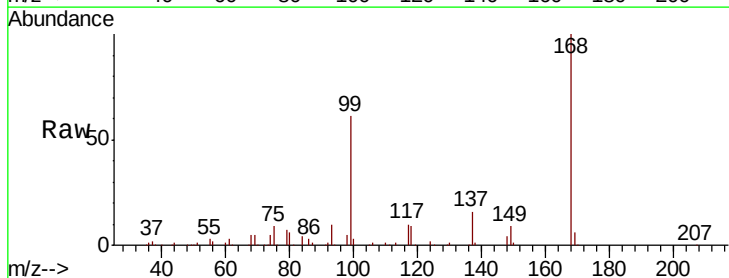
Tgt Ion: 56 Resp: 6390

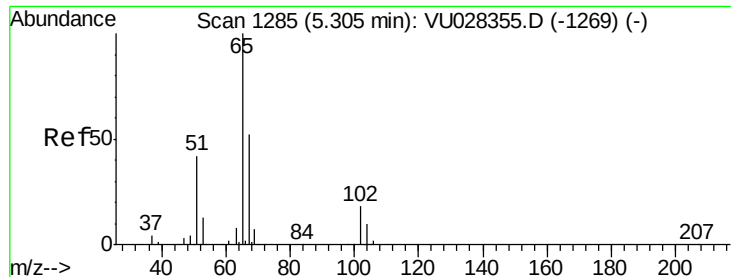
Ion Ratio Lower Upper

56 100

69 191.8 23.7 35.5#

84 152.8 57.3 85.9#

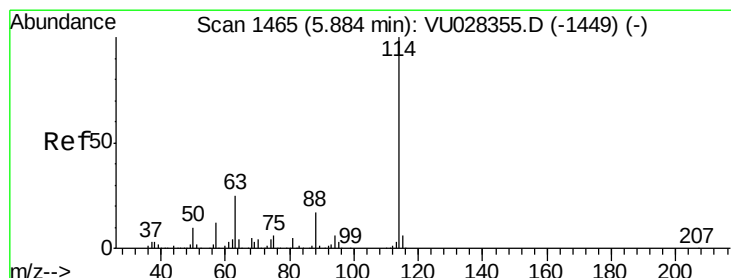
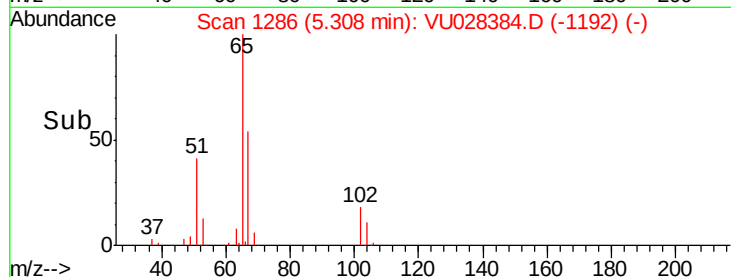
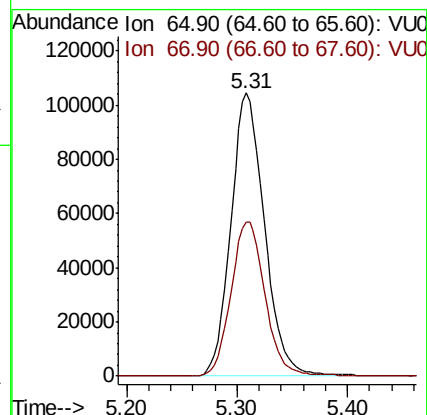
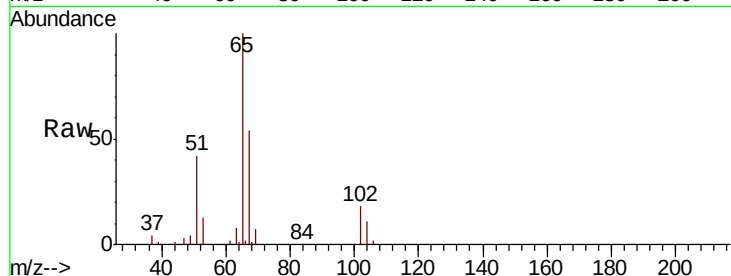




#33
 1,2-Dichloroethane-d4
 Concen: 51.156 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: VU028384.D
 Acq: 29 Nov 2018 11:32

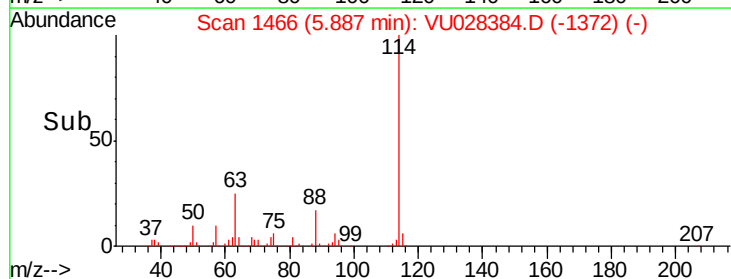
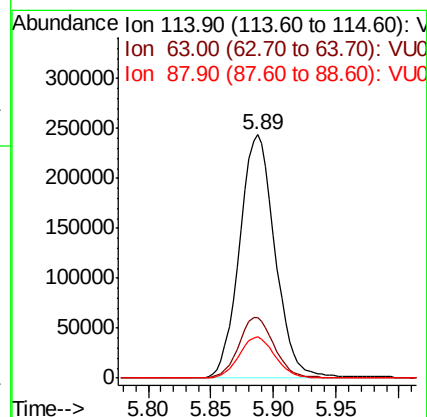
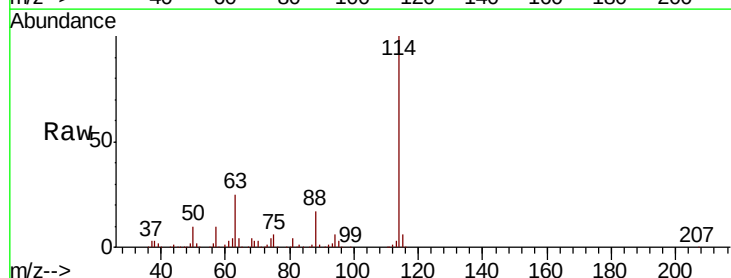
Instrument :
 MSVOA_U
 ClientSampled :

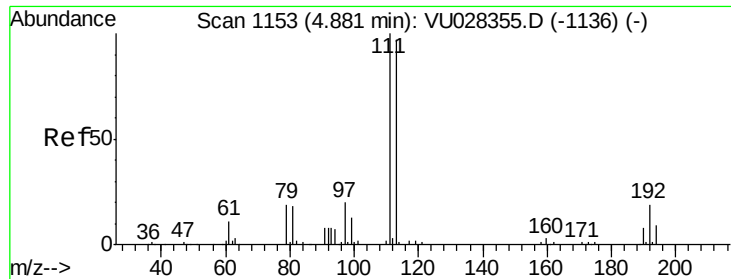
Tot Ion: 65 Resp: 220256
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028384.D
 Acq: 29 Nov 2018 11:32

Tgt Ion: 114 Resp: 479915
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 50.0
 88 16.7 0.0 34.4

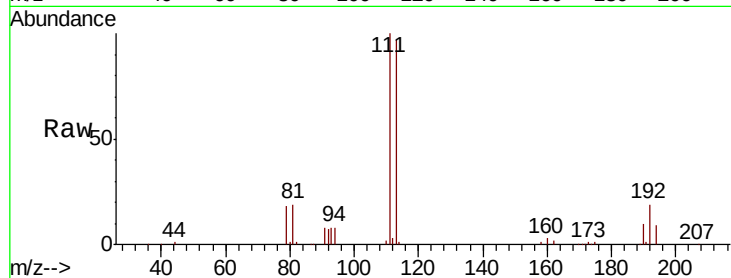




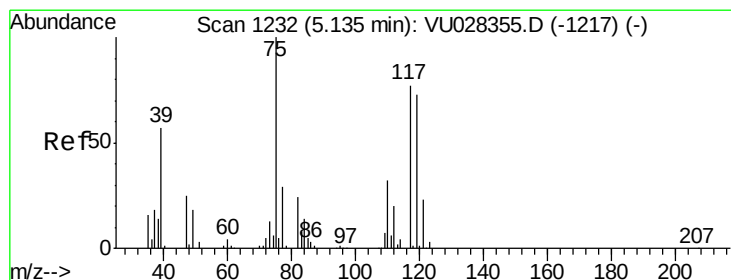
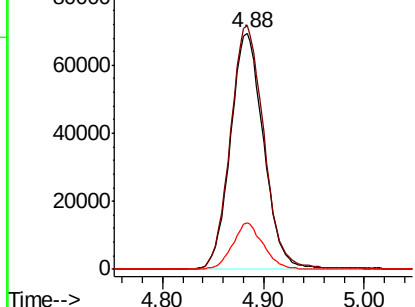
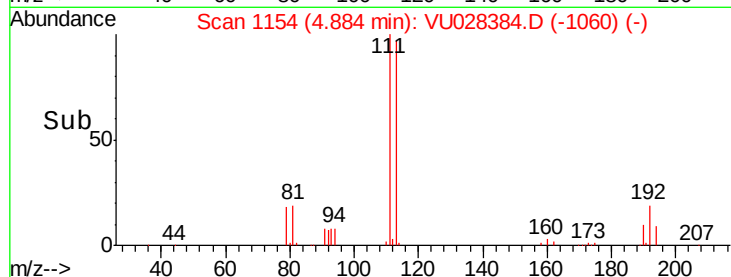
#35
 Dibromofluoromethane
 Concen: 49.695 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU028384.D
 Acq: 29 Nov 2018 11:32

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.7	82.9	124.3
192	18.3	15.4	23.0

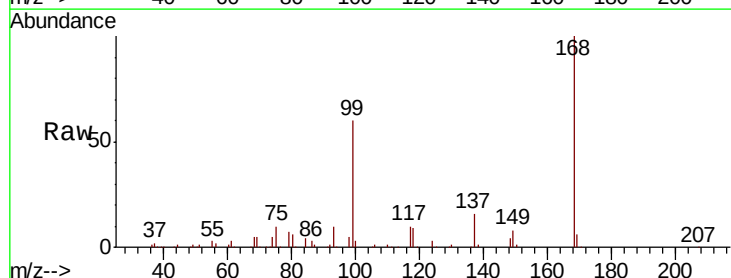


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

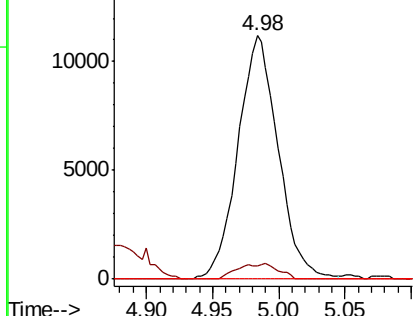
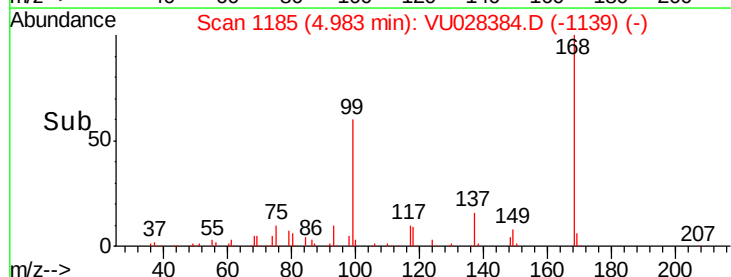


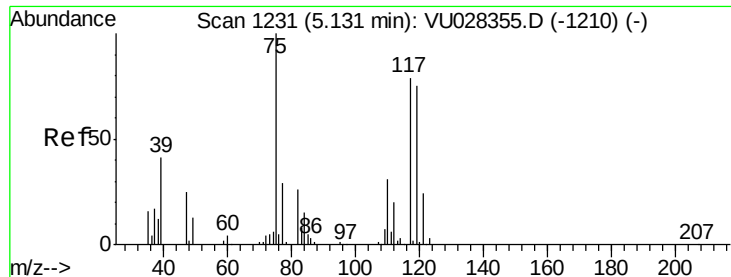
#36
 1,1-Dichloropropene
 Concen: 4.489 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU028384.D
 Acq: 29 Nov 2018 11:32

Tgt Ion	Ratio	Lower	Upper
75	100		
110	3.4	15.8	47.4#
77	0.0	24.6	36.8#



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: 5.962 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU028384.D

Acq: 29 Nov 2018 11:32

Instrument :

MSVOA_U

ClientSampled :

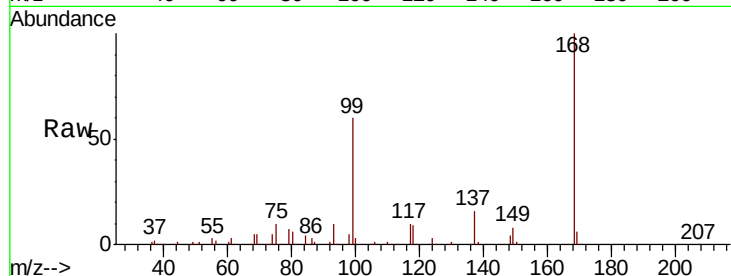
Tot Ion:117 Resp: 25712

Ion Ratio Lower Upper

117 100

119 4.9 76.3 114.5#

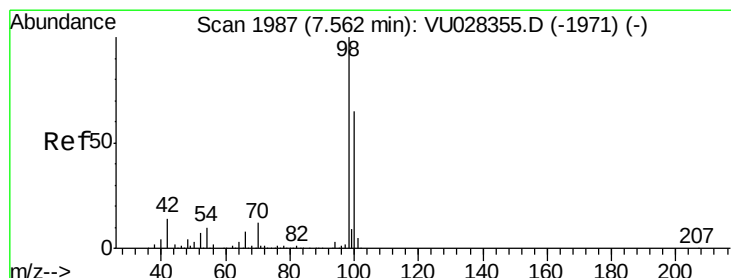
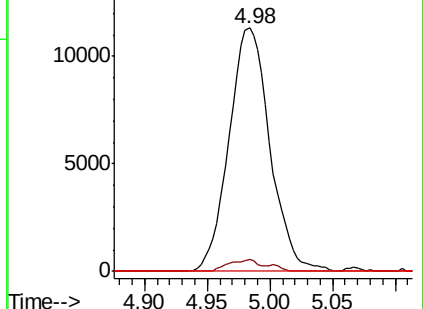
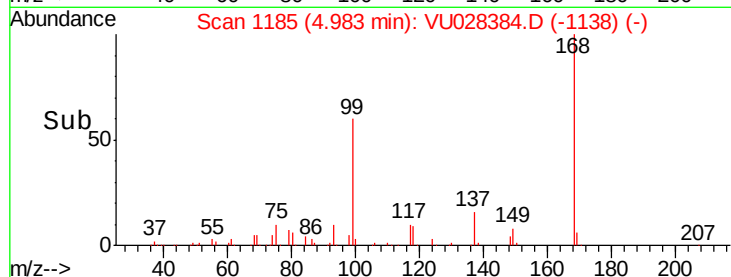
121 0.0 24.7 37.1#



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: 49.556 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU028384.D

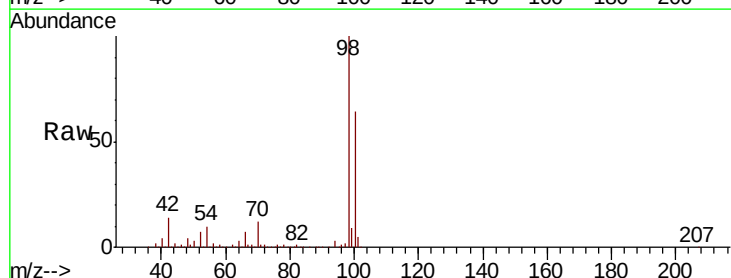
Acq: 29 Nov 2018 11:32

Tgt Ion: 98 Resp: 632464

Ion Ratio Lower Upper

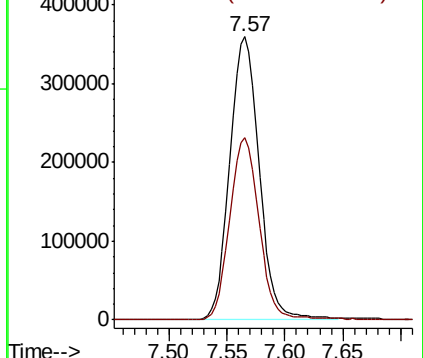
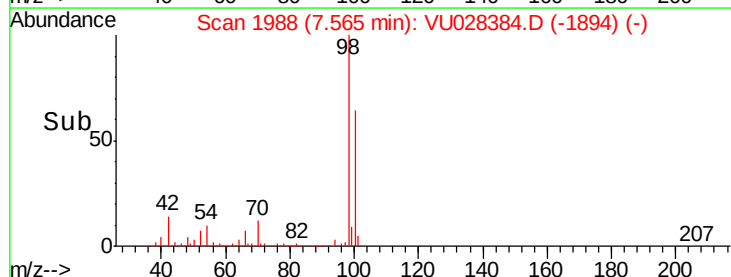
98 100

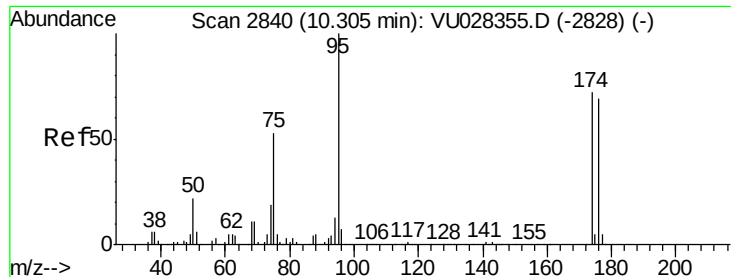
100 64.1 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU





#62

4-Bromofluorobenzene

Concen: 48.880 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU028384.D

Acq: 29 Nov 2018 11:32

Instrument :

MSVOA_U

ClientSampleId :

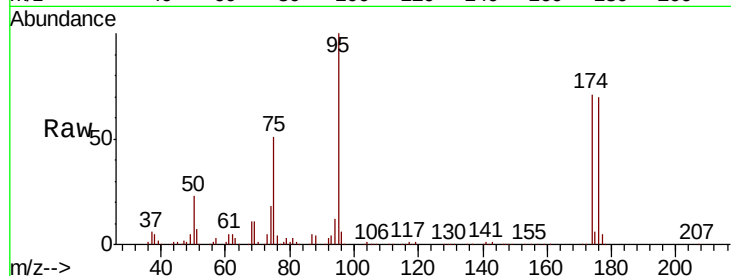
Tot Ion: 95 Resp: 224850

Ion Ratio Lower Upper

95 100

174 73.1 0.0 145.4

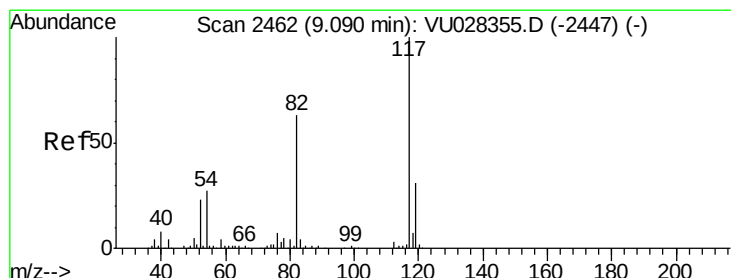
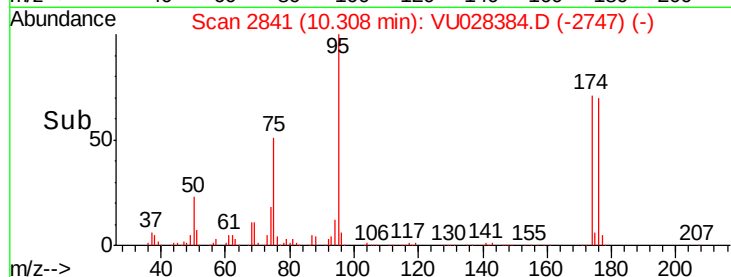
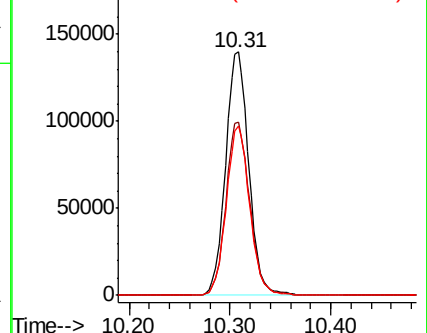
176 70.2 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU028355.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU028355.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU028355.D (-2828) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU028384.D

Acq: 29 Nov 2018 11:32

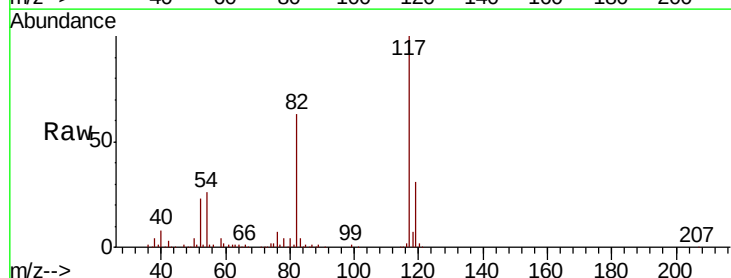
Tgt Ion: 117 Resp: 447691

Ion Ratio Lower Upper

117 100

82 63.3 50.3 75.5

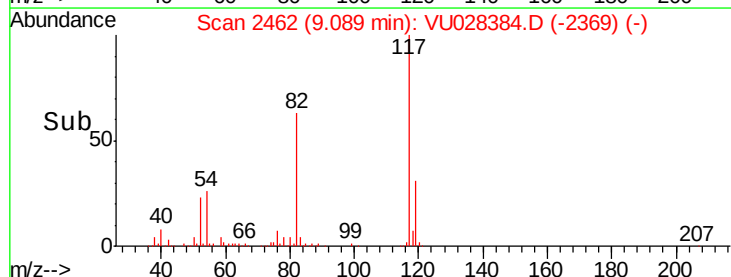
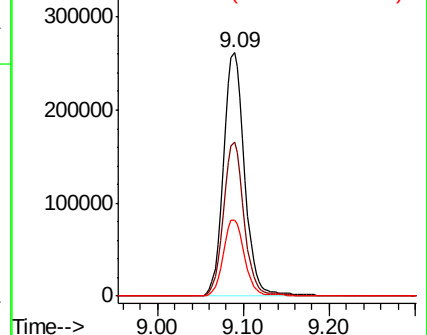
119 31.3 24.8 37.2

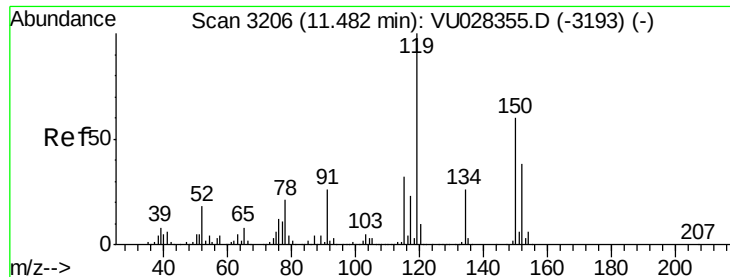


Abundance Ion 116.90 (116.60 to 117.60): VU028355.D (-2447) (-)

Ion 82.00 (81.70 to 82.70): VU028355.D (-2447) (-)

Ion 118.90 (118.60 to 119.60): VU028355.D (-2447) (-)



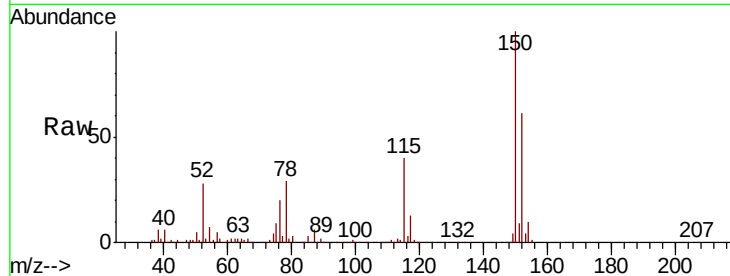


#72

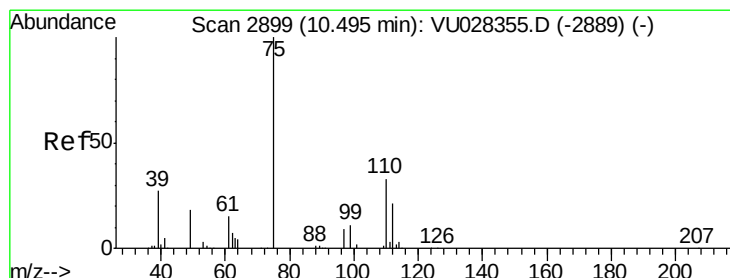
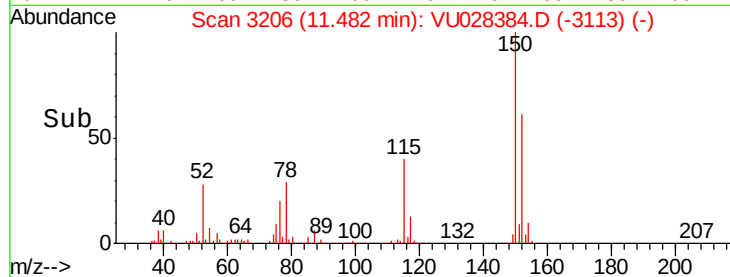
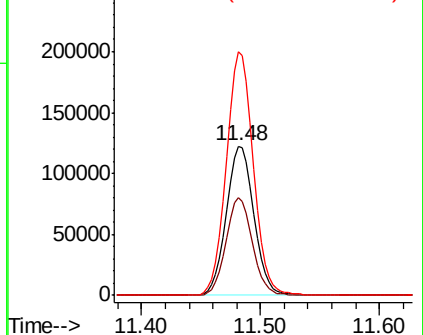
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028384.D
Acq: 29 Nov 2018 11:32

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:152 Resp: 197415
Ion Ratio Lower Upper
152 100
115 62.5 45.0 134.8
150 159.3 0.0 349.2



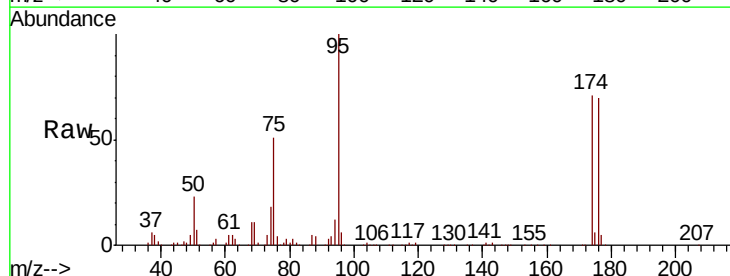
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



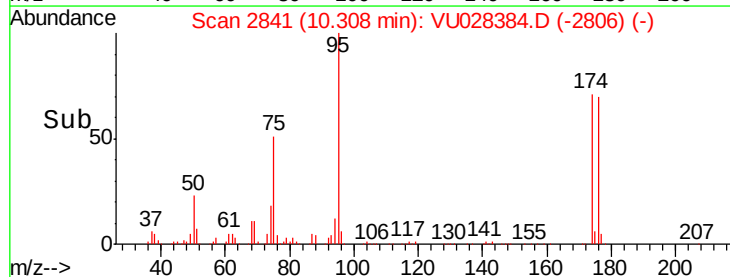
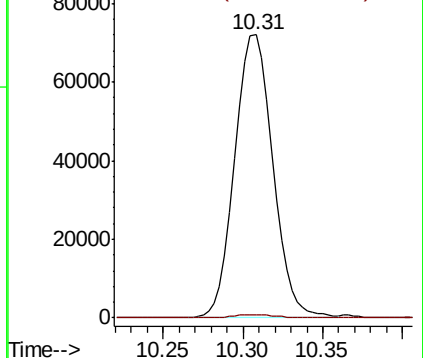
#76

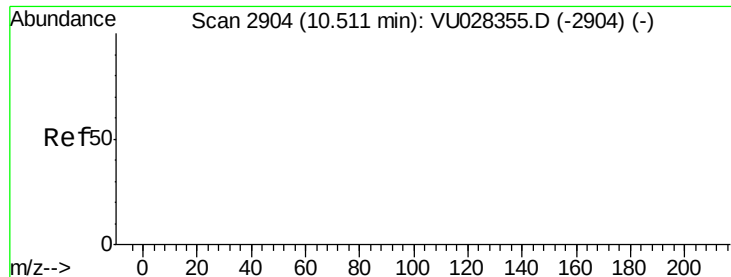
1,2,3-Trichloropropane
Concen: 21.409 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.19 min
Lab File: VU028384.D
Acq: 29 Nov 2018 11:32

Tgt Ion: 75 Resp: 117204
Ion Ratio Lower Upper
75 100
77 1.1 22.4 67.0#



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: 56.830 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.20 min

Lab File: VU028384.D

Acq: 29 Nov 2018 11:32

Instrument :

MSVOA_U

ClientSampleId :

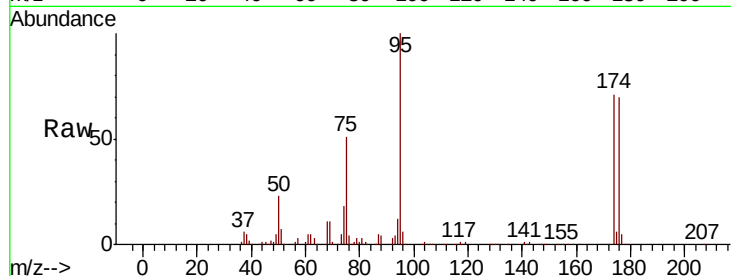
Tot Ion: 75 Resp: 117204

Ion Ratio Lower Upper

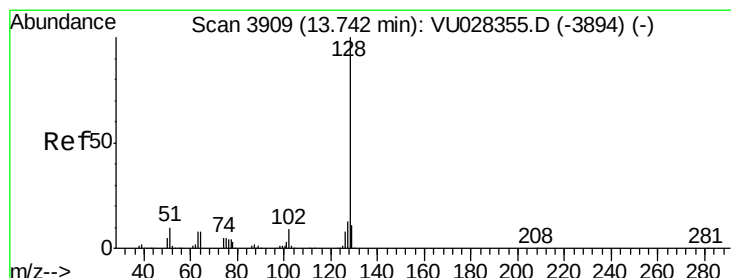
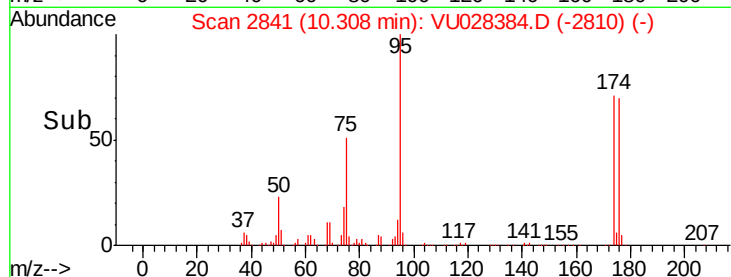
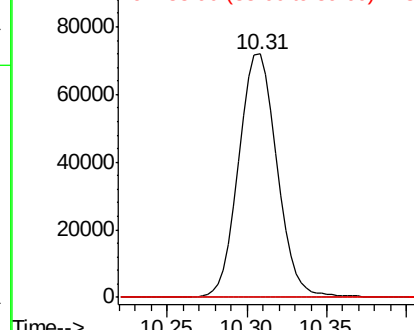
75 100

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



#95

Naphthalene

Concen: 2.847 ug/l

RT: 13.78 min Scan# 3920

Delta R.T. 0.04 min

Lab File: VU028384.D

Acq: 29 Nov 2018 11:32

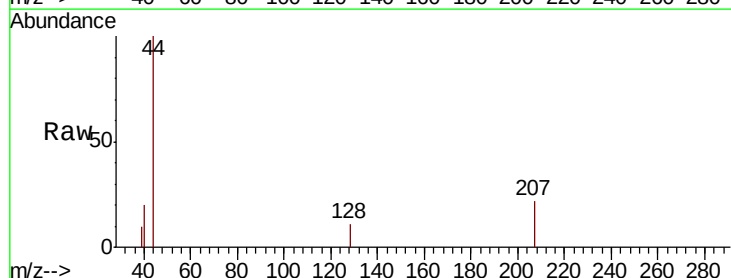
Tgt Ion:128 Resp: 201

Ion Ratio Lower Upper

128 100

127 0.0 10.6 15.8#

129 0.0 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

