

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112918\
 Data File : VU028401.D
 Acq On : 29 Nov 2018 18:06
 Operator : MD/SY
 Sample : J6134-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-8

Quant Time: Nov 30 07:05:37 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	253435	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	485633	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	451483	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	204588	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	225456	53.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.46%	
35) Dibromofluoromethane	4.88	113	161781	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
50) Toluene-d8	7.57	98	638644	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
62) 4-Bromofluorobenzene	10.31	95	230469	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	

Target Compounds

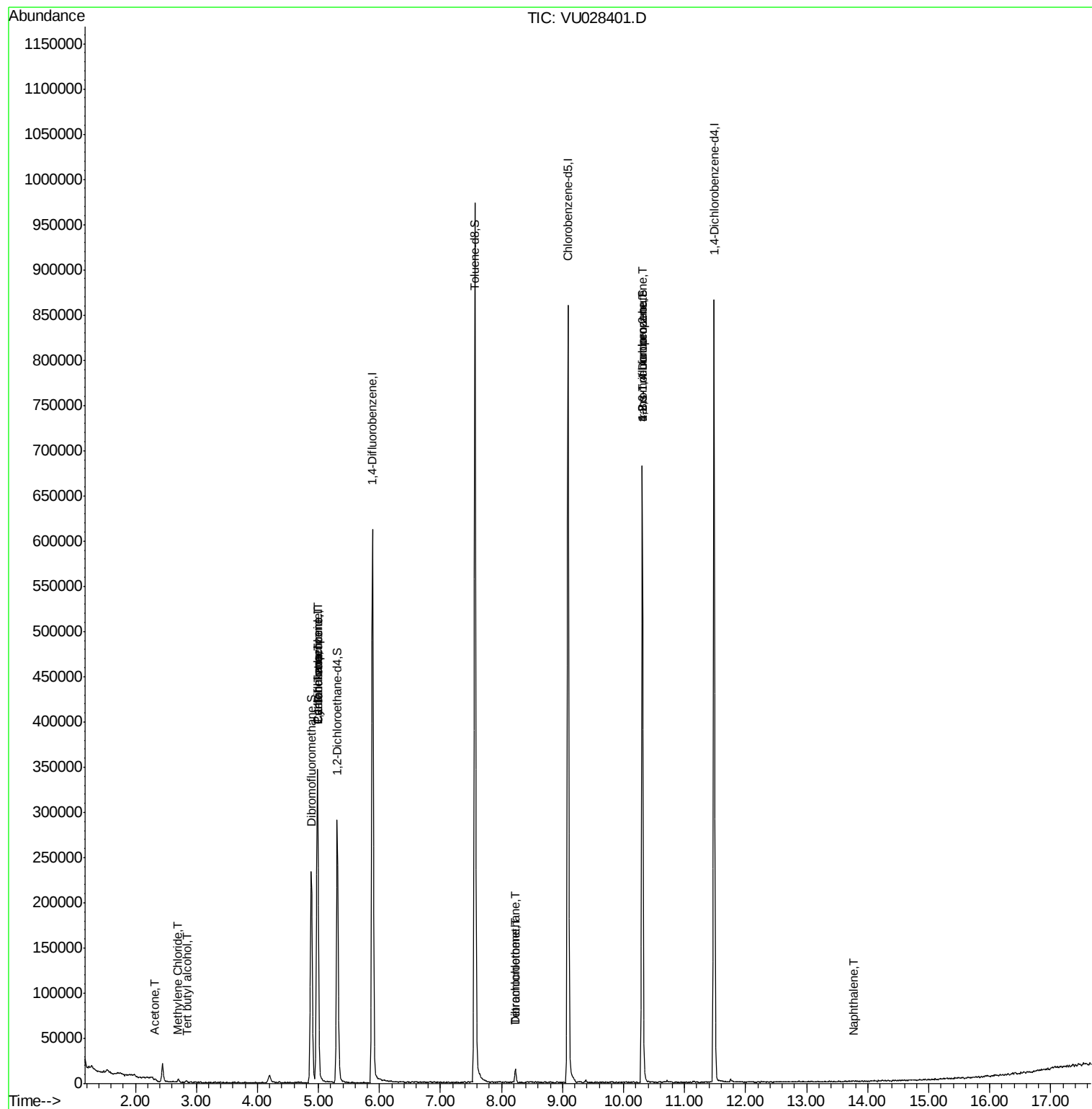
						Qvalue
11) Tert butyl alcohol	2.84	59	502	0.522	ug/l #	72
16) Acetone	2.32	43	2812	1.085	ug/l	95
20) Methylene Chloride	2.70	84	1593	0.362	ug/l	86
31) Cyclohexane	4.98	56	6655	0.563	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	23864	4.491	ug/l #	51
38) Carbon Tetrachloride	4.99	117	25952	5.947	ug/l #	15
60) Dibromochloromethane	8.22	129	2740	0.764	ug/l #	10
64) Tetrachloroethene	8.23	164	3077	1.036	ug/l	94
76) 1,2,3-Trichloropropane	10.31	75	123981	21.853	ug/l #	33
81) trans-1,4-Dichloro-2-buten	10.31	75	123981	58.009	ug/l #	100
95) Naphthalene	13.76	128	552	2.866	ug/l #	74

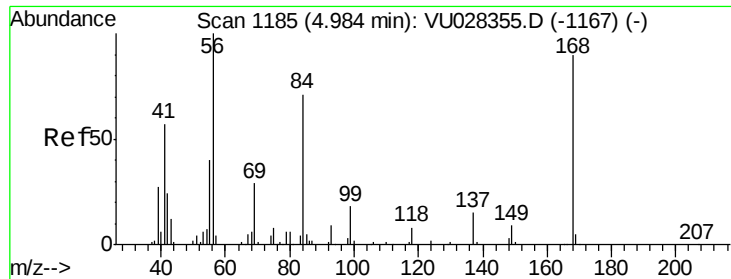
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU112918\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
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: VU028401.D

Acq: 29 Nov 2018 18:06

Instrument :

MSVOA_U

ClientSampleId :

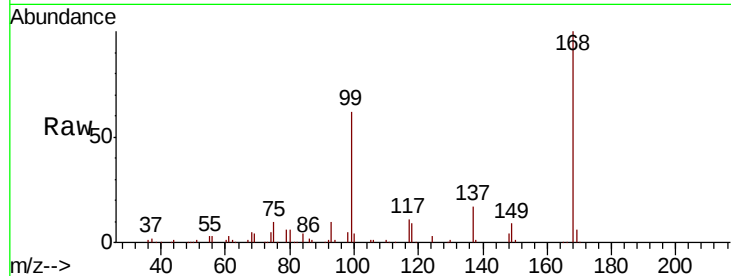
MW-8

Tot Ion:168 Resp: 253435

Ion Ratio Lower Upper

168 100

99 62.1 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

120000

100000

80000

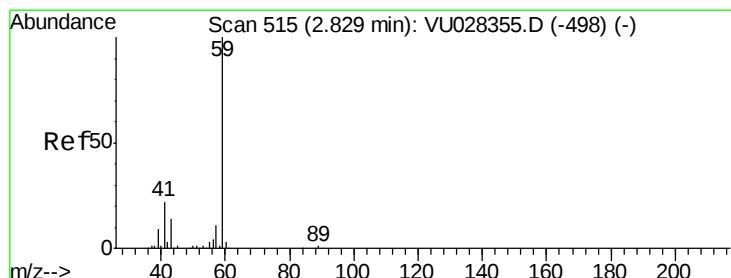
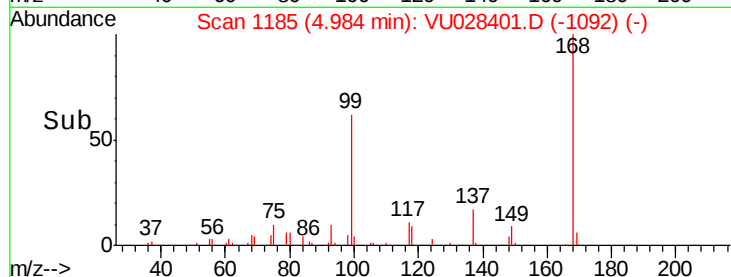
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.522 ug/l

RT: 2.84 min Scan# 517

Delta R.T. 0.01 min

Lab File: VU028401.D

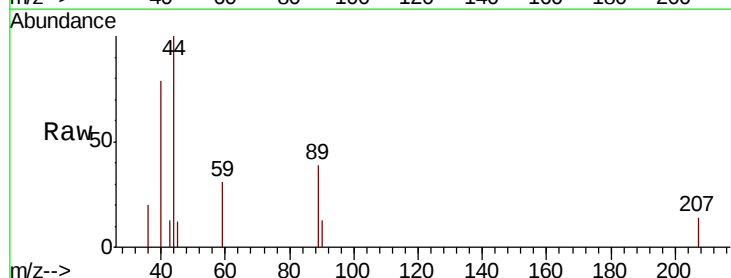
Acq: 29 Nov 2018 18:06

Tgt Ion: 59 Resp: 502

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VU028355.D (-498) (-)

Ion 57.00 (56.70 to 57.70): VU028355.D (-498) (-)

2.84

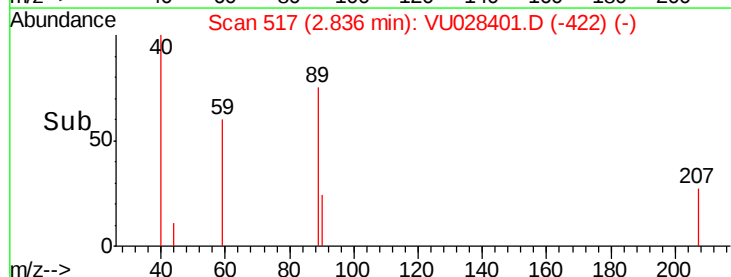
300

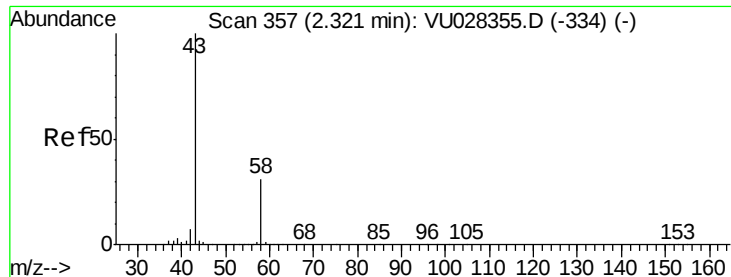
200

100

0

Time-->





#16

Acetone

Concen: 1.085 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU028401.D

Acq: 29 Nov 2018 18:06

Instrument :

MSVOA_U

ClientSampled :

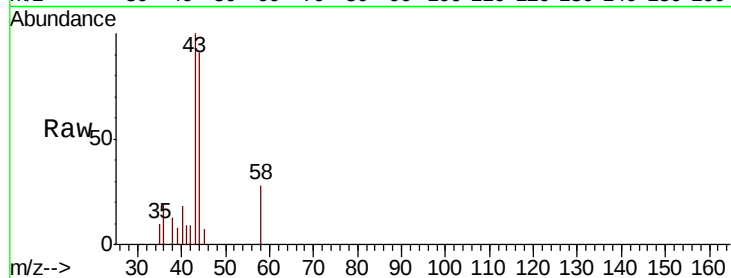
MW-8

Tot Ion: 43 Resp: 2812

Ion Ratio Lower Upper

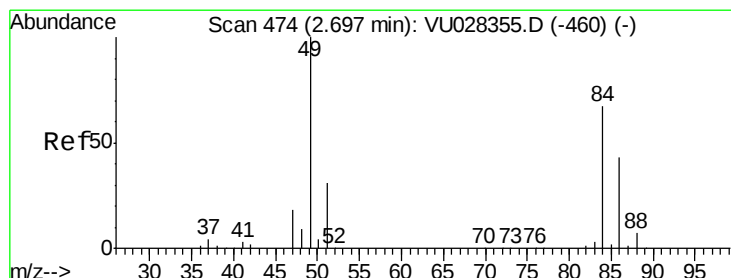
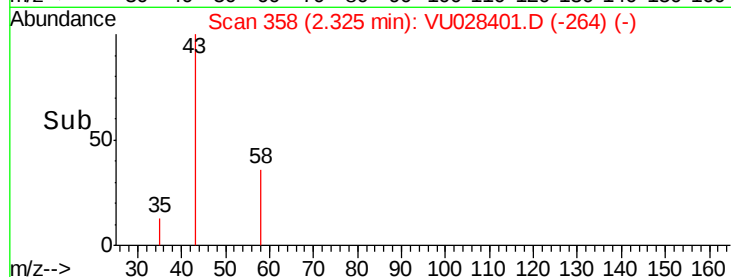
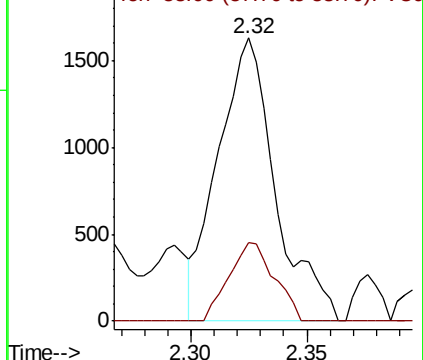
43 100

58 27.7 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#20

Methylene Chloride

Concen: 0.362 ug/l

RT: 2.70 min Scan# 476

Delta R.T. 0.01 min

Lab File: VU028401.D

Acq: 29 Nov 2018 18:06

Tgt Ion: 84 Resp: 1593

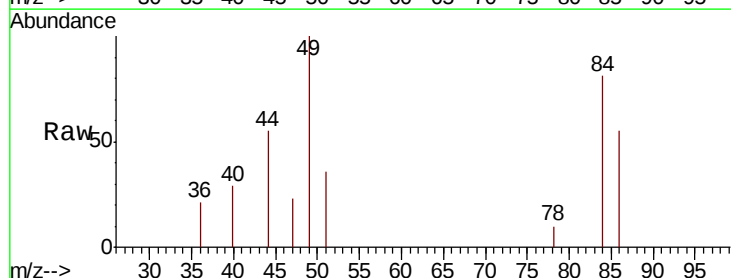
Ion Ratio Lower Upper

84 100

49 124.1 120.0 180.0

51 44.7 36.9 55.3

86 68.5 51.1 76.7

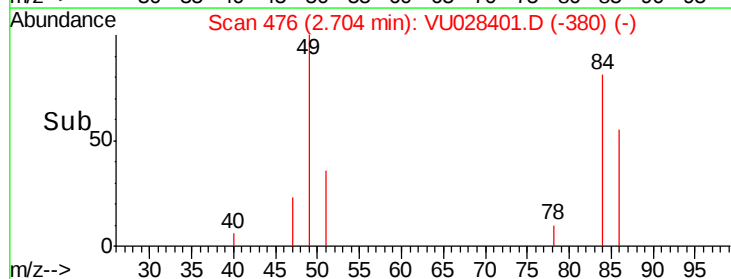
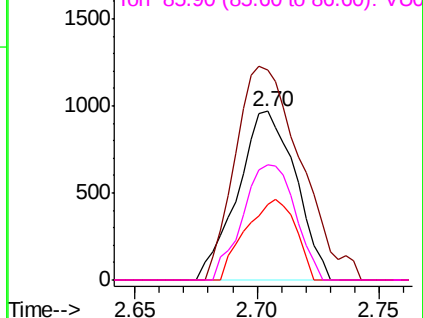


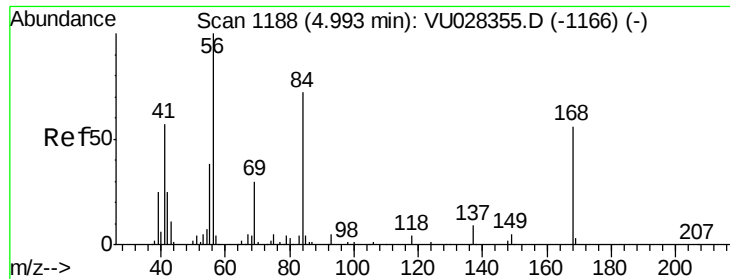
Abundance Ion 83.90 (83.60 to 84.60): VU0

Ion 48.90 (48.60 to 49.60): VU0

Ion 50.90 (50.60 to 51.60): VU0

Ion 85.90 (85.60 to 86.60): VU0

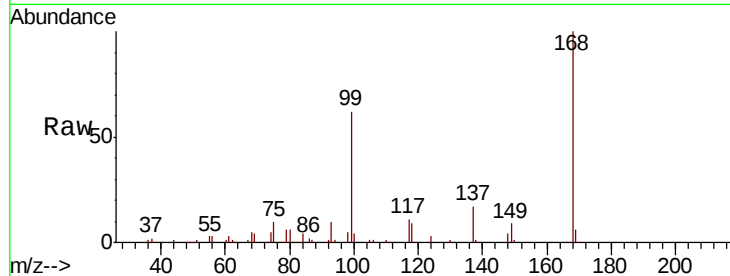




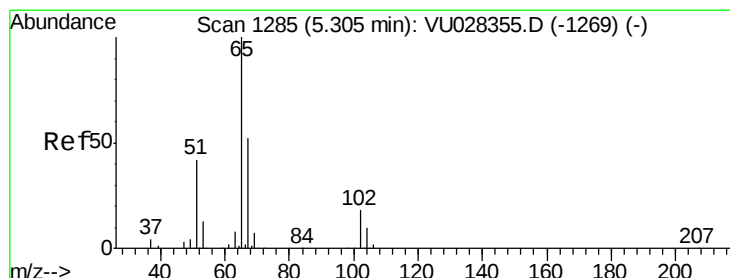
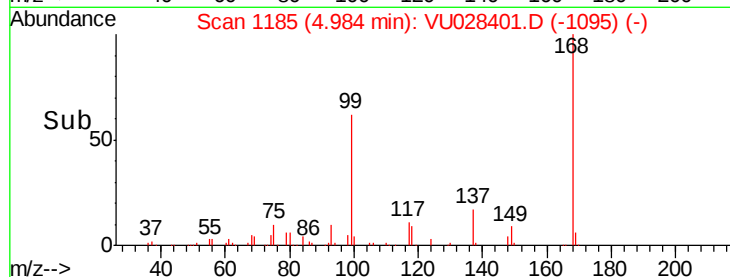
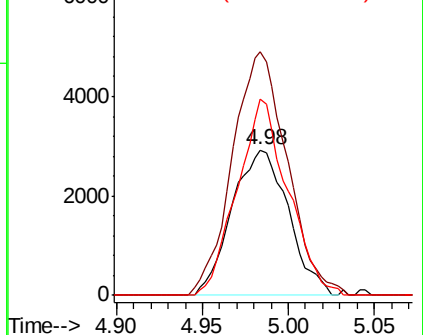
#31
Cyclohexane
Concen: 0.563 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.01 min
Lab File: VU028401.D
Acq: 29 Nov 2018 18:06

Instrument :
MSVOA_U
ClientSampled :
MW-8

Tot Ion: 56 Resp: 6655
Ion Ratio Lower Upper
56 100
69 167.9 23.7 35.5#
84 135.3 57.3 85.9#

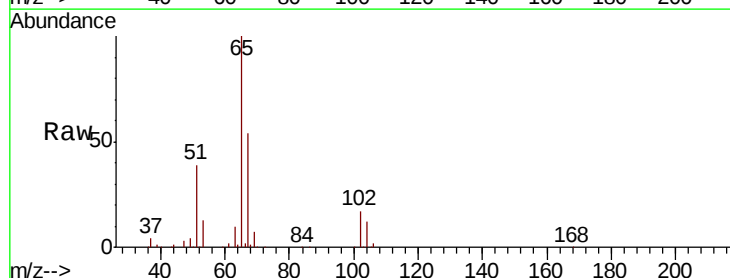


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

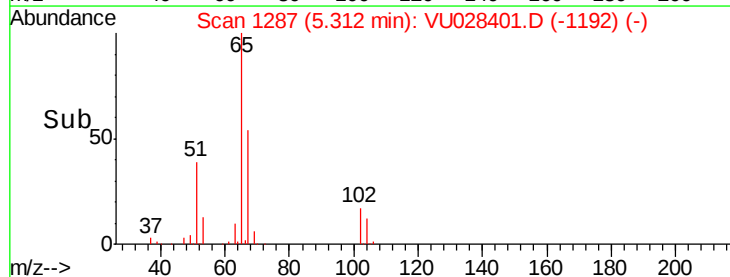
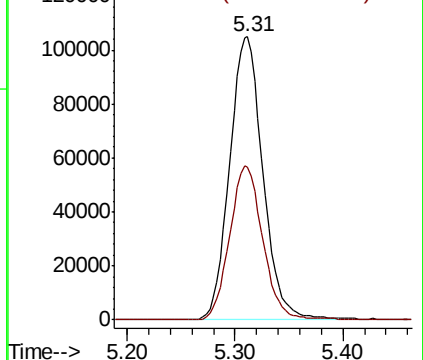


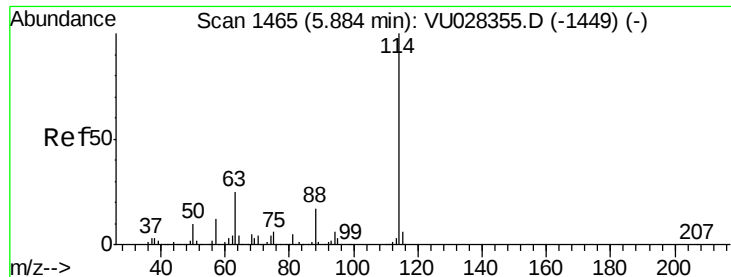
#33
1,2-Dichloroethane-d4
Concen: 53.230 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.01 min
Lab File: VU028401.D
Acq: 29 Nov 2018 18:06

Tgt Ion: 65 Resp: 225456
Ion Ratio Lower Upper
65 100
67 53.9 0.0 106.8



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

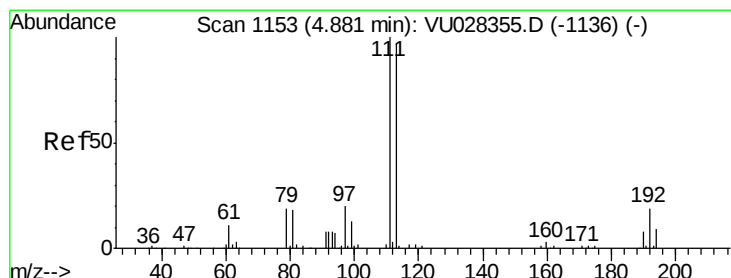
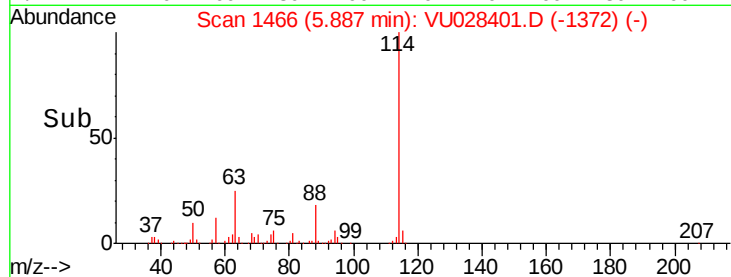
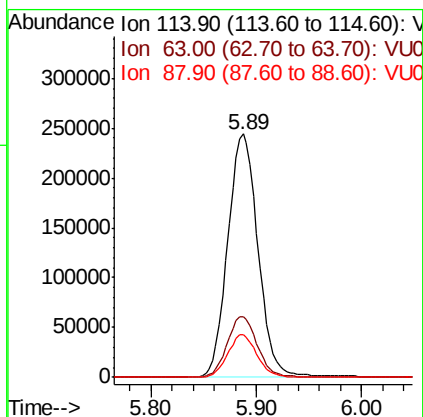
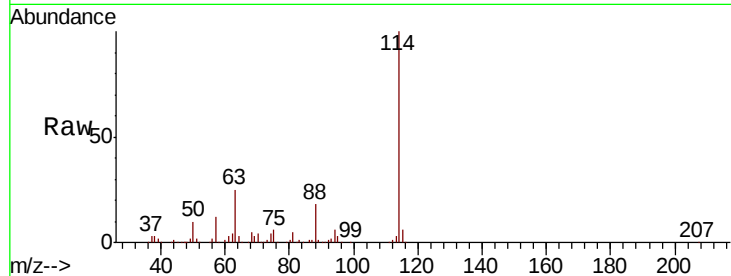




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028401.D
 Acq: 29 Nov 2018 18:06

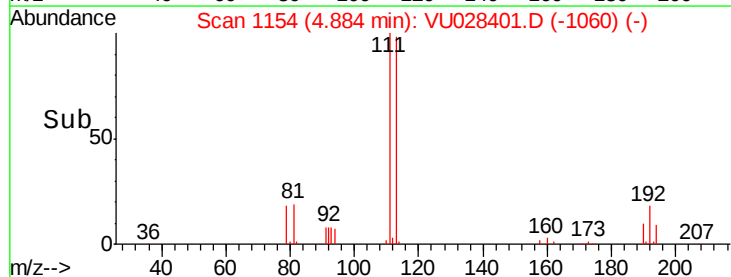
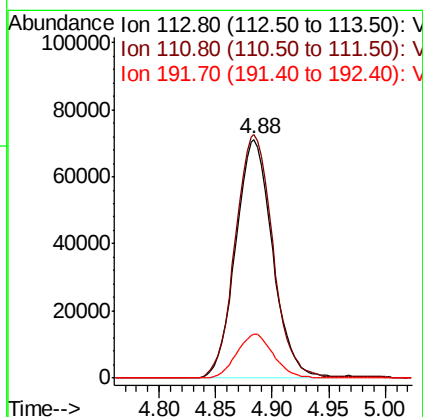
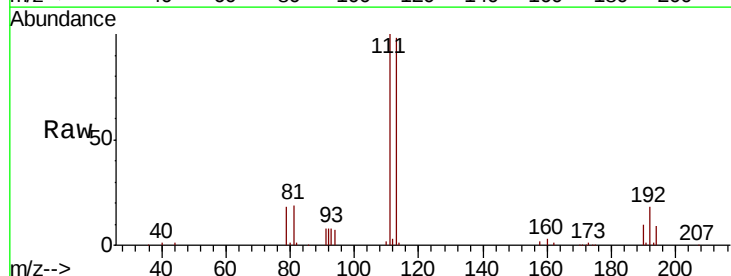
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-8

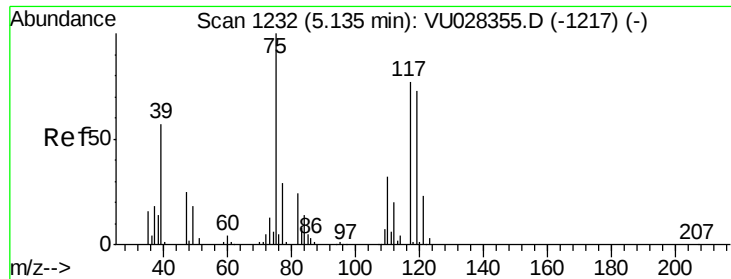
Tot Ion:114 Resp: 485633
 Ion Ratio Lower Upper
 114 100
 63 25.1 0.0 50.0
 88 17.7 0.0 34.4



#35
 Dibromofluoromethane
 Concen: 50.098 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU028401.D
 Acq: 29 Nov 2018 18:06

Tgt Ion:113 Resp: 161781
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.9 124.3
 192 18.2 15.4 23.0

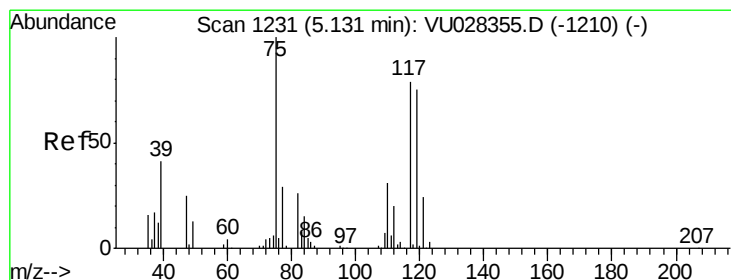
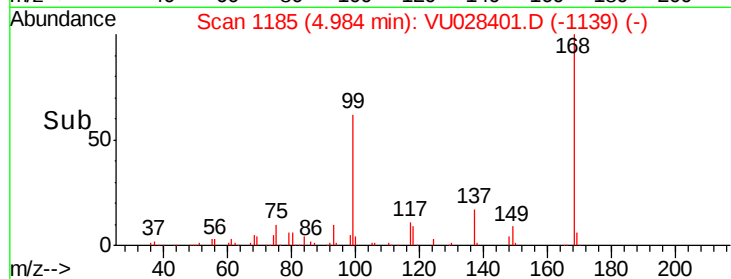
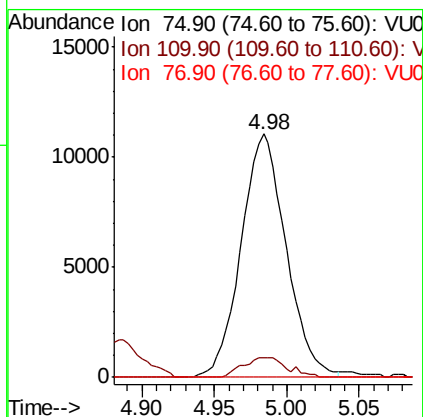
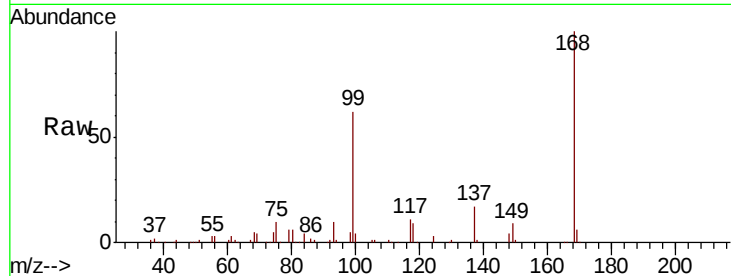




#36
 1,1-Dichloropropene
 Concen: 4.491 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU028401.D
 Acq: 29 Nov 2018 18:06

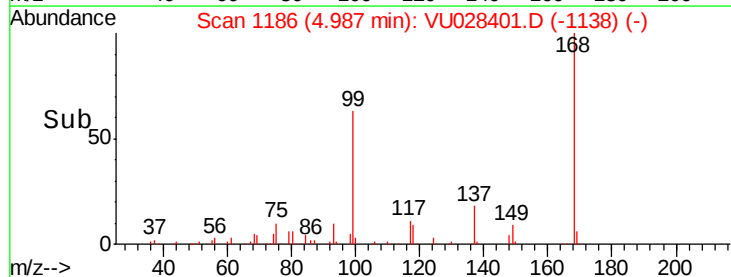
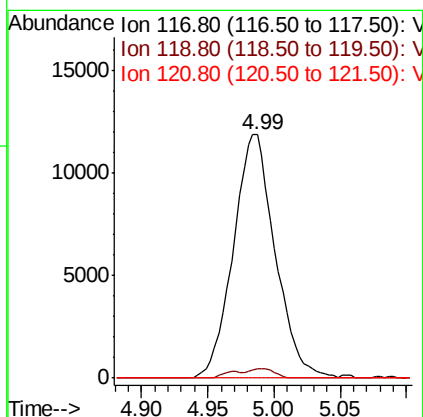
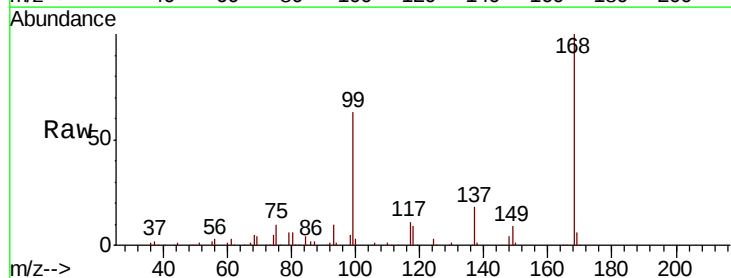
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-8

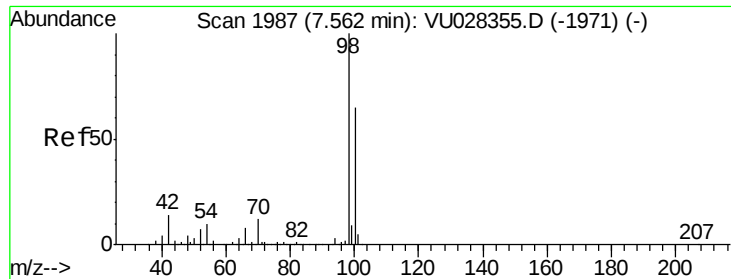
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.0	15.8	47.4#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 5.947 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.14 min
 Lab File: VU028401.D
 Acq: 29 Nov 2018 18:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.0	76.3	114.5#
121	0.0	24.7	37.1#





#50

Toluene-d8

Concen: 49.451 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU028401.D

Acq: 29 Nov 2018 18:06

Instrument :

MSVOA_U

ClientSampleId :

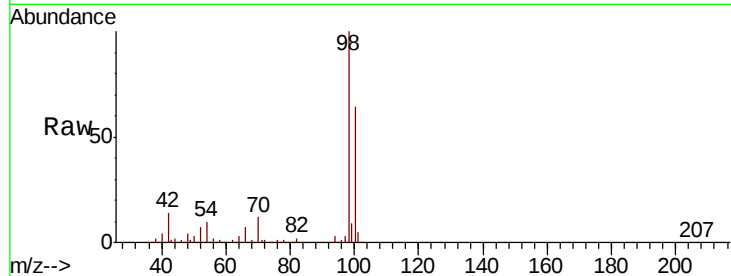
MW-8

Tot Ion: 98 Resp: 638644

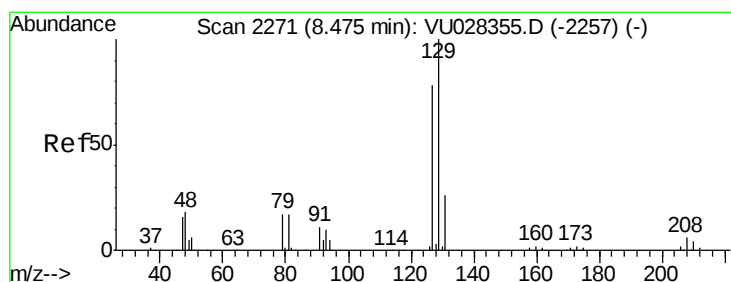
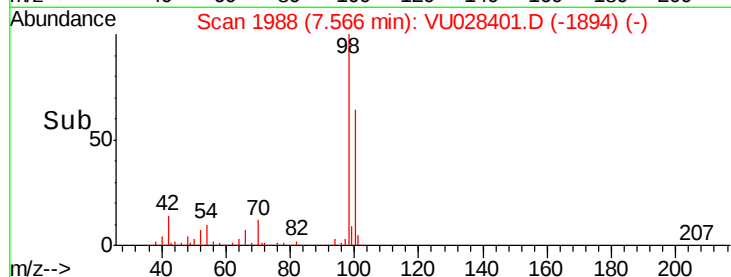
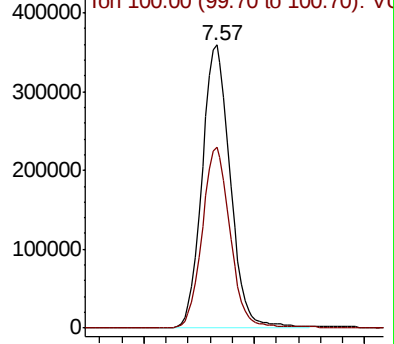
Ion Ratio Lower Upper

98 100

100 63.6 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VU028355.D (-1971) (-)



#60

Dibromochloromethane

Concen: 0.764 ug/l

RT: 8.22 min Scan# 2193

Delta R.T. -0.25 min

Lab File: VU028401.D

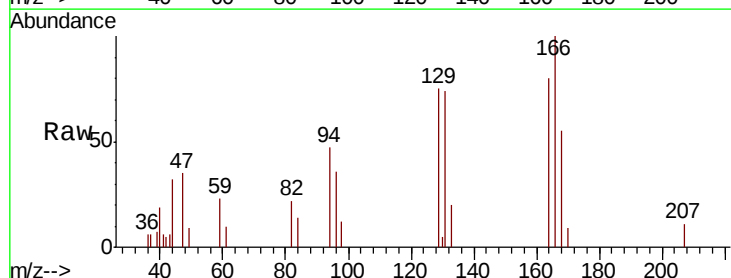
Acq: 29 Nov 2018 18:06

Tgt Ion: 129 Resp: 2740

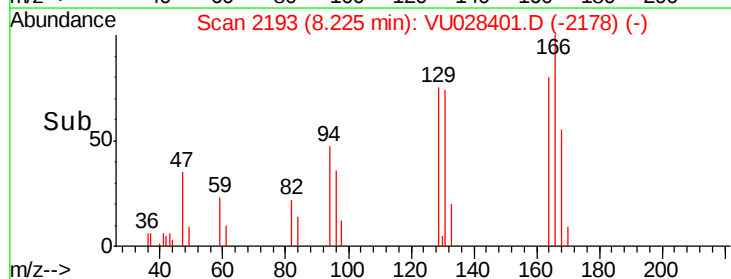
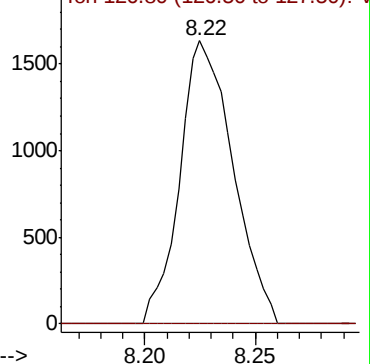
Ion Ratio Lower Upper

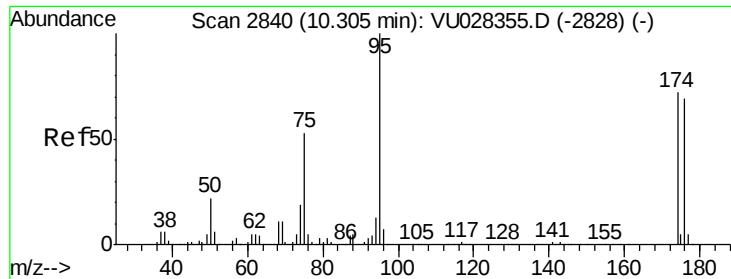
129 100

127 0.0 38.9 116.7#



Abundance Ion 128.80 (128.50 to 129.50): VU028355.D (-2257) (-)

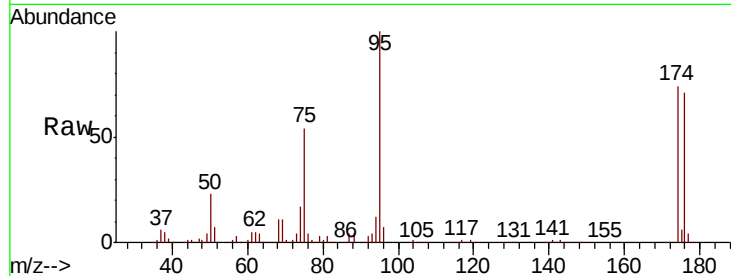




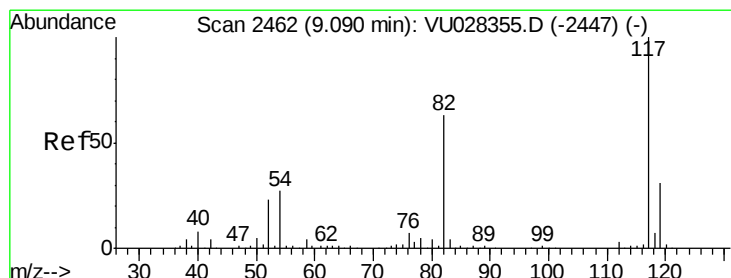
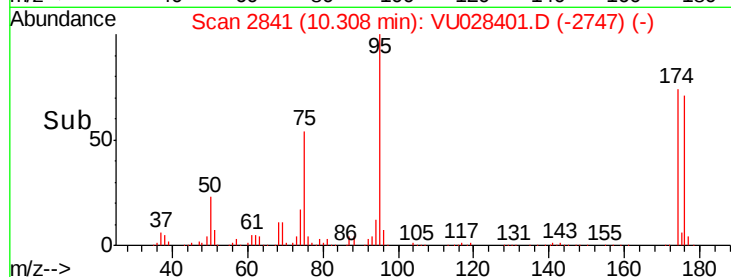
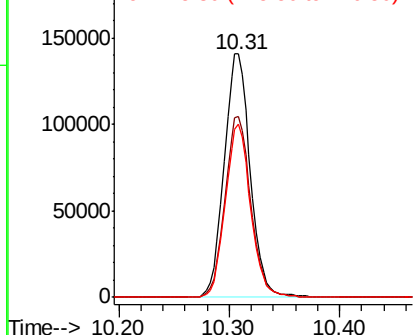
#62
 4-Bromofluorobenzene
 Concen: 49.512 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU028401.D
 Acq: 29 Nov 2018 18:06

Instrument :
 MSVOA_U
 ClientSampled :
 MW-8

Tot Ion: 95 Resp: 230469
 Ion Ratio Lower Upper
 95 100
 174 73.6 0.0 145.4
 176 69.5 0.0 140.8

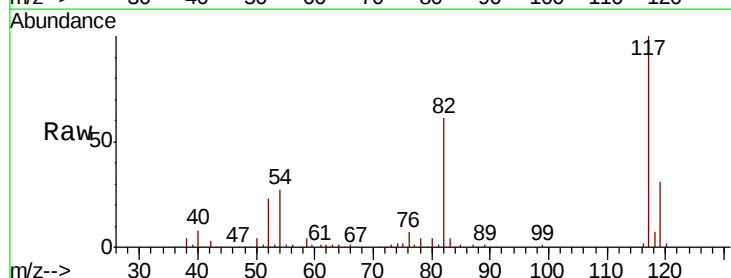


Abundance Ion 94.90 (94.60 to 95.60): VU0
 Ion 173.80 (173.50 to 174.50): V
 Ion 175.80 (175.50 to 176.50): V

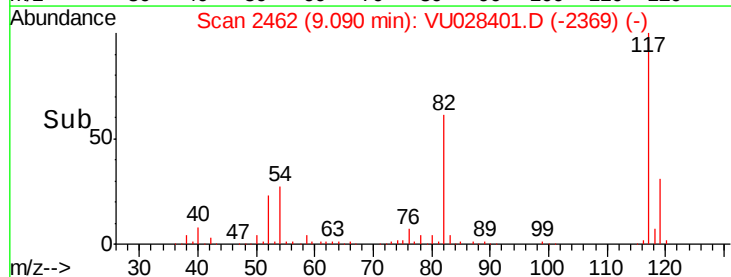
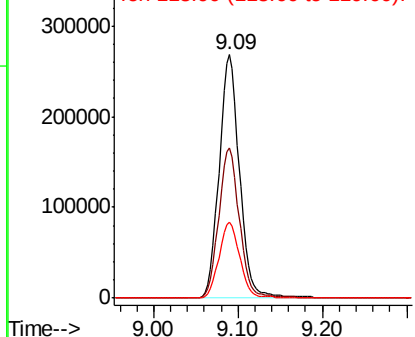


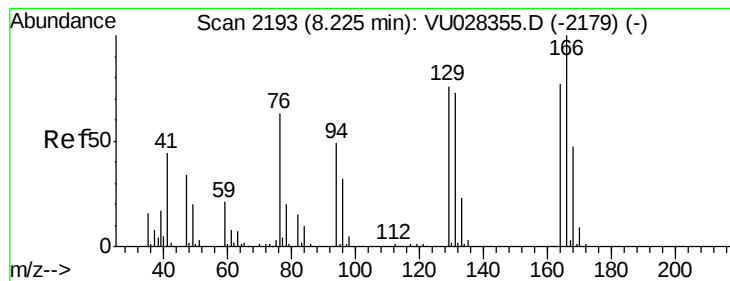
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2462
 Delta R.T. 0.00 min
 Lab File: VU028401.D
 Acq: 29 Nov 2018 18:06

Tgt Ion: 117 Resp: 451483
 Ion Ratio Lower Upper
 117 100
 82 61.4 50.3 75.5
 119 31.0 24.8 37.2



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





#64

Tetrachloroethene

Concen: 1.036 ug/l

RT: 8.23 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VU028401.D

Acq: 29 Nov 2018 18:06

Instrument :

MSVOA_U

ClientSampleId :

MW-8

Tot Ion:164 Resp: 3077

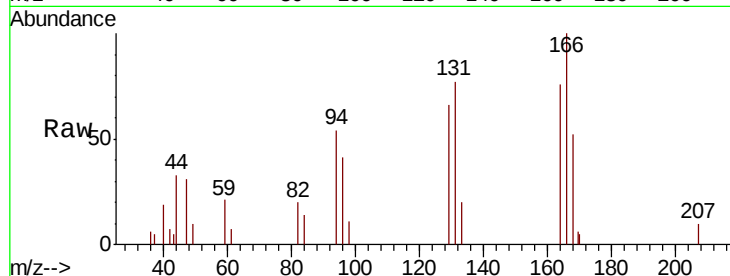
Ion Ratio Lower Upper

164 100

166 130.9 104.0 156.0

129 86.6 79.2 118.8

131 100.3 75.7 113.5

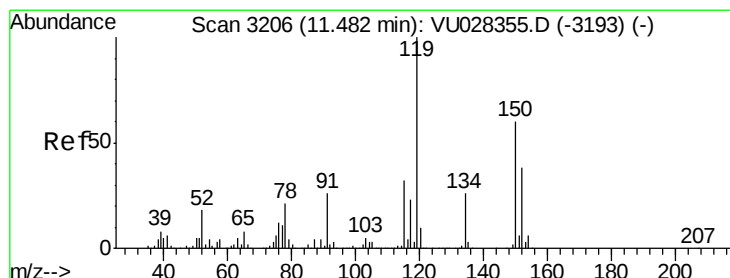
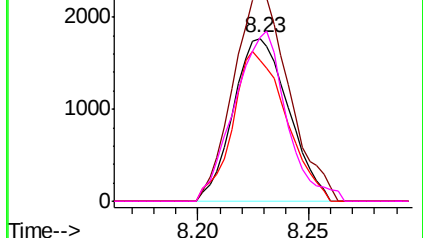
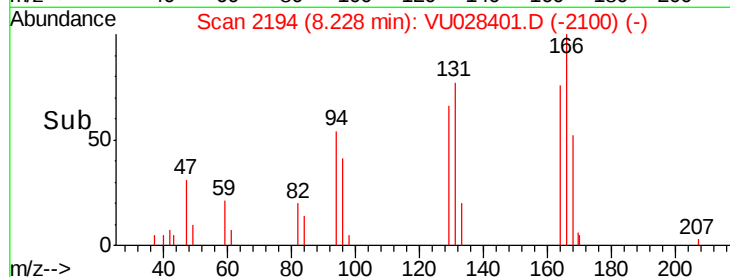


Abundance Ion 163.80 (163.50 to 164.50): V

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: VU028401.D

Acq: 29 Nov 2018 18:06

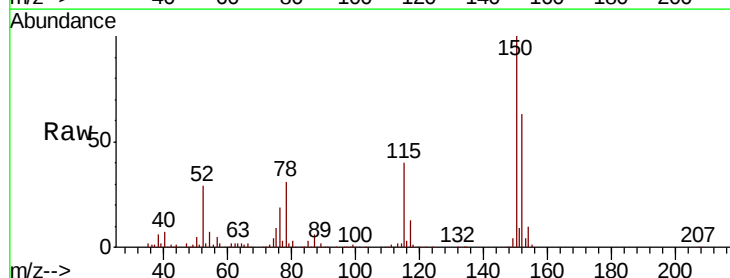
Tgt Ion:152 Resp: 204588

Ion Ratio Lower Upper

152 100

115 62.9 45.0 134.8

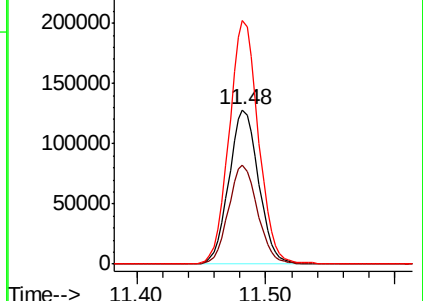
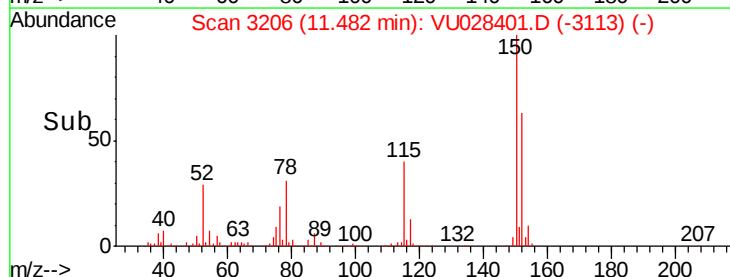
150 155.7 0.0 349.2

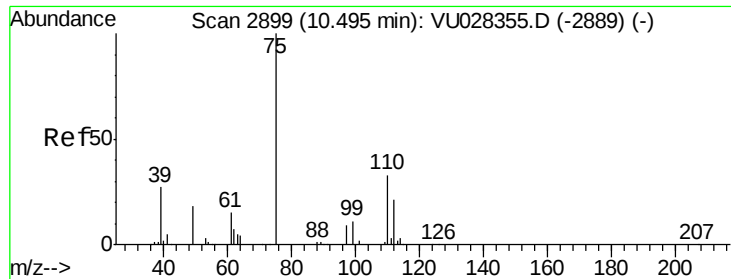


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 21.853 ug/l

RT: 10.31 min Scan# 2840

Delta R.T. -0.19 min

Lab File: VU028401.D

Acq: 29 Nov 2018 18:06

Instrument :

MSVOA_U

ClientSampled :

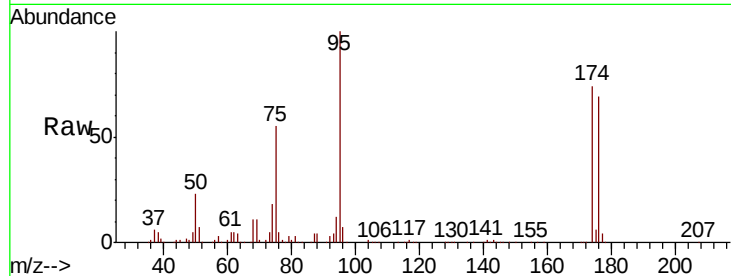
MW-8

Tot Ion: 75 Resp: 123981

Ion Ratio Lower Upper

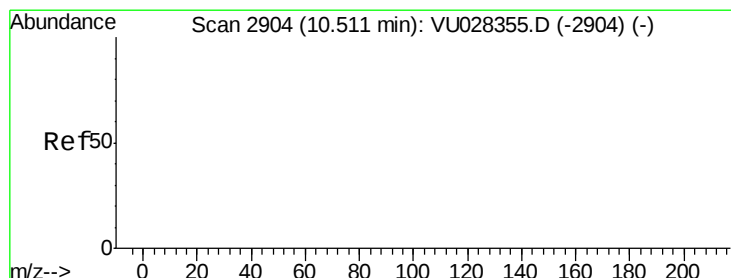
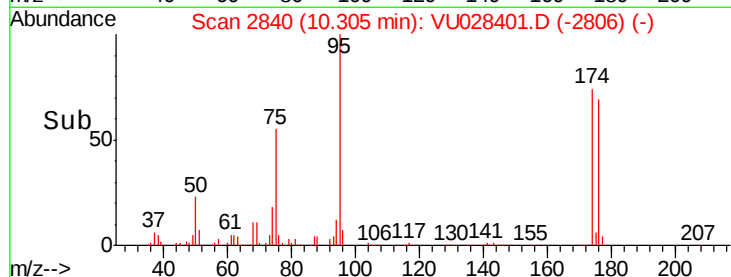
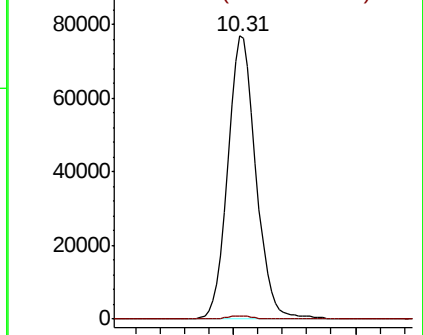
75 100

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: 58.009 ug/l

RT: 10.31 min Scan# 2840

Delta R.T. -0.20 min

Lab File: VU028401.D

Acq: 29 Nov 2018 18:06

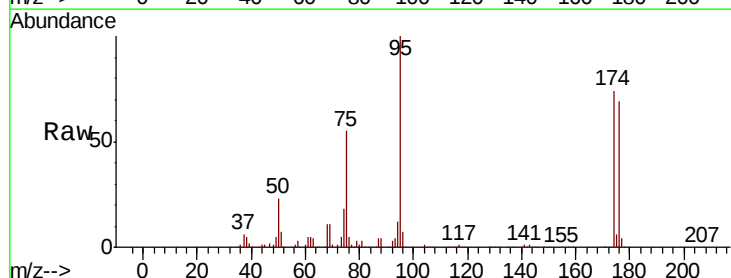
Tgt Ion: 75 Resp: 123981

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

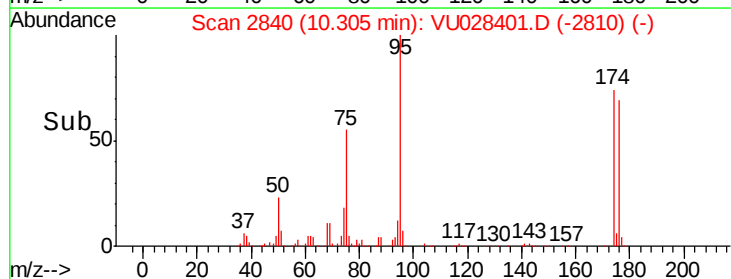
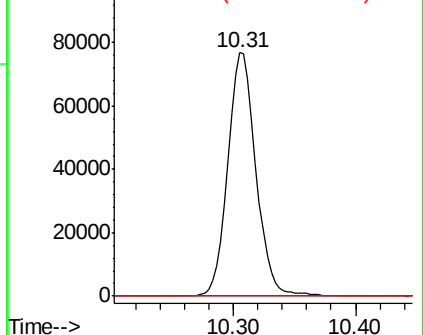
89 0.0 0.0 0.0

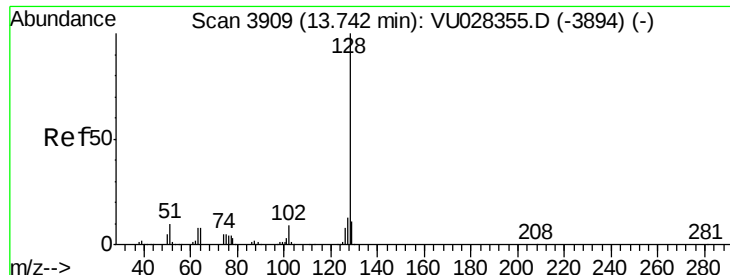


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0





#95

Napthalene

Concen: 2.866 ug/l

RT: 13.76 min Scan# 3914

Delta R.T. 0.02 min

Lab File: VU028401.D

Acq: 29 Nov 2018 18:06

Instrument :

MSVOA_U

ClientSampleId :

MW-8

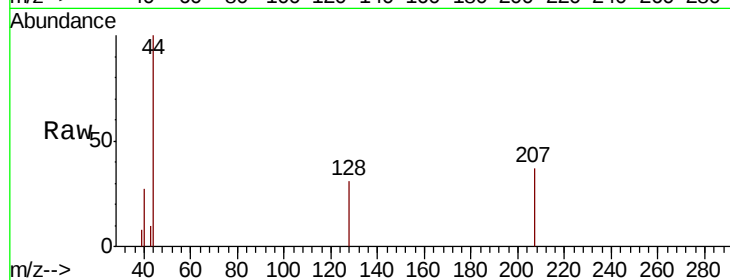
Tot Ion:128 Resp: 552

Ion Ratio Lower Upper

128 100

127 0.0 10.6 15.8#

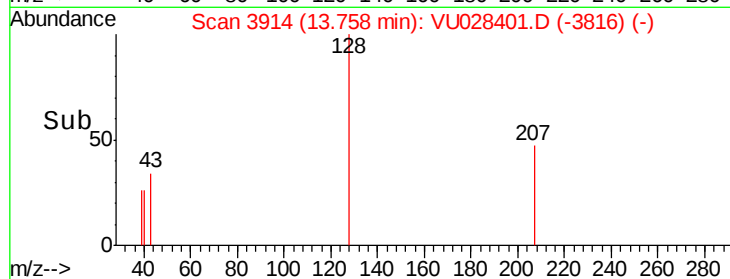
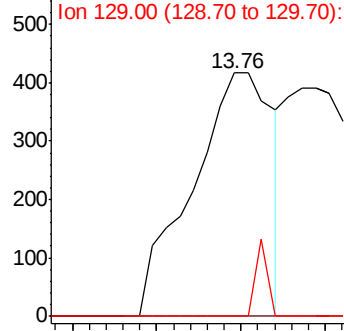
129 4.5 8.6 12.8#



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



Time-->