

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100418\
 Data File : VU027422.D
 Acq On : 04 Oct 2018 20:47
 Operator : MD/SY
 Sample : J5255-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-2

Quant Time: Oct 05 03:17:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	109538	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	189237	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	181390	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	98039	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	105402	57.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.26%	
35) Dibromofluoromethane	4.89	113	73660	56.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.60%	
50) Toluene-d8	7.57	98	285498	58.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.64%	
62) 4-Bromofluorobenzene	10.31	95	104383	57.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.74%	

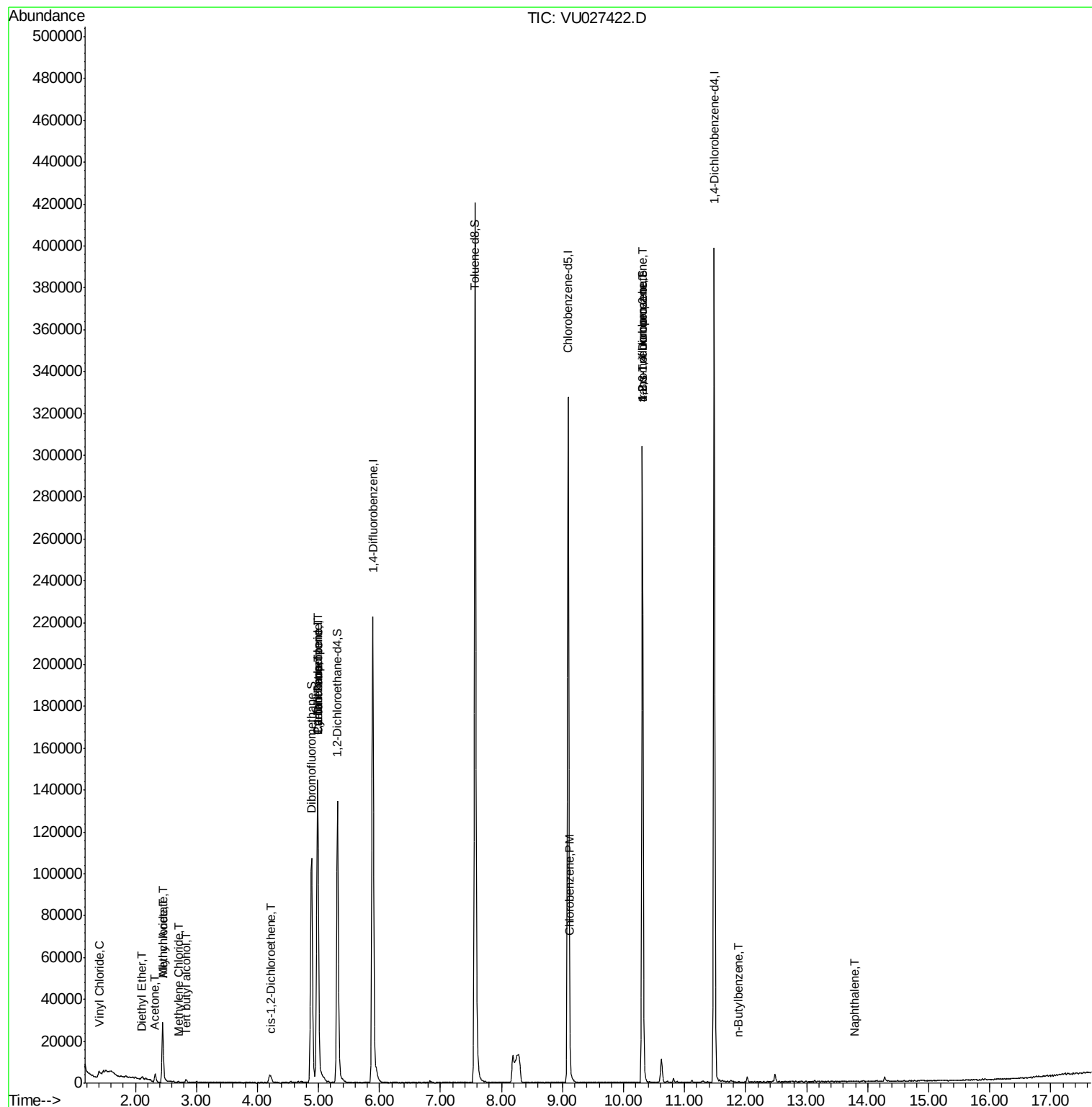
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	1273	0.633	ug/l #	68
8) Diethyl Ether	2.11	74	299	0.318	ug/l	63
11) Tert butyl alcohol	2.83	59	1469	3.814	ug/l #	75
14) Allyl chloride	2.45	41	2703	0.984	ug/l #	66
16) Acetone	2.32	43	4126	3.818	ug/l #	85
18) Methyl Acetate	2.45	43	7220	2.929	ug/l #	56
20) Methylene Chloride	2.71	84	355	0.236	ug/l #	81
27) cis-1,2-Dichloroethene	4.24	96	417	0.281	ug/l	78
31) Cyclohexane	4.99	56	2618	0.658	ug/l #	1
36) 1,1-Dichloropropene	4.99	75	10184	4.956	ug/l #	49
38) Carbon Tetrachloride	4.99	117	10864	5.853	ug/l #	19
65) Chlorobenzene	9.12	112	1069	0.280	ug/l	91
76) 1,2,3-Trichloropropane	10.31	75	54225	21.337	ug/l #	37
81) trans-1,4-Dichloro-2-buten	10.31	75	54225	55.840	ug/l #	100
89) n-Butylbenzene	11.89	91	44	1.956	ug/l #	33
95) Naphthalene	13.78	128	19	1.662	ug/l #	69

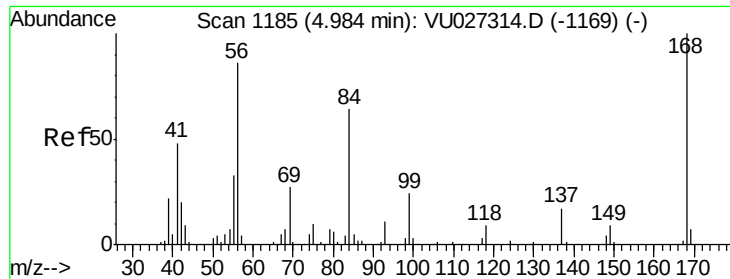
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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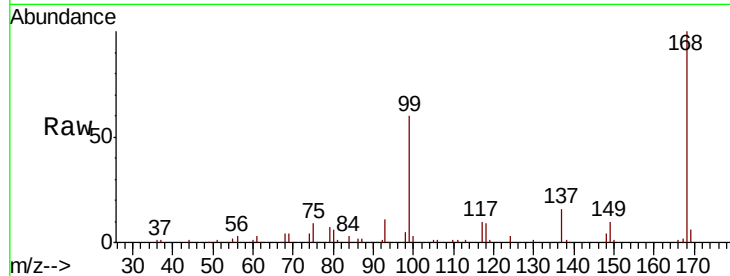




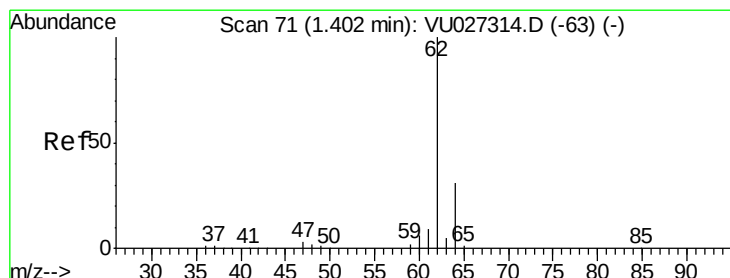
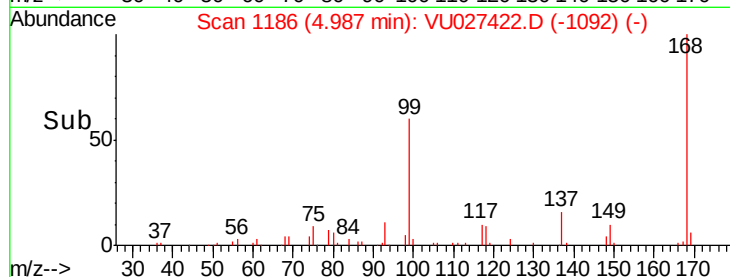
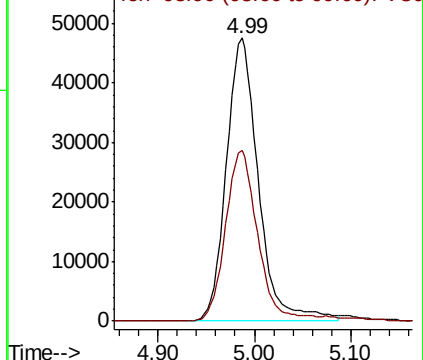
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. 0.00 min
Lab File: VU027422.D
Acq: 04 Oct 2018 20:47

Instrument :
MSVOA_U
ClientSampleId :
MW-2

Tgt Ion: 168 Resp: 109538
Ion Ratio Lower Upper
168 100
99 60.3 50.8 76.2

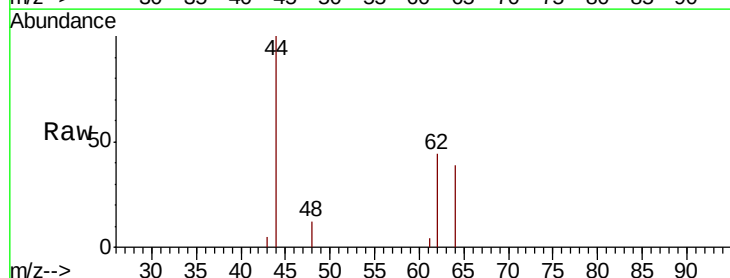


Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)
Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)

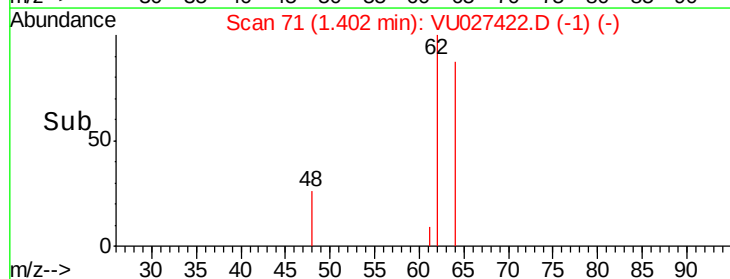
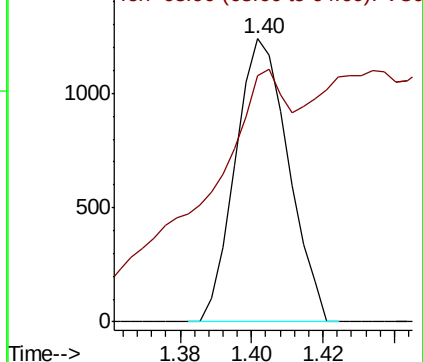


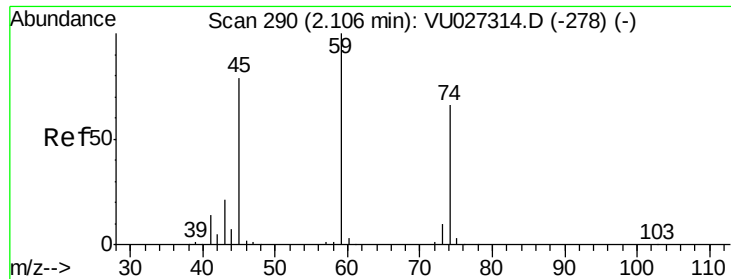
#4
Vinyl Chloride
Concen: 0.633 ug/l
RT: 1.40 min Scan# 71
Delta R.T. -0.00 min
Lab File: VU027422.D
Acq: 04 Oct 2018 20:47

Tgt Ion: 62 Resp: 1273
Ion Ratio Lower Upper
62 100
64 48.9 24.9 37.3#



Abundance Ion 61.90 (61.60 to 62.60): VU027314.D (-63) (-)
Ion 63.90 (63.60 to 64.60): VU027314.D (-63) (-)





#8

Diethyl Ether

Concen: 0.318 ug/l

RT: 2.11 min Scan# 290

Delta R.T. -0.00 min

Lab File: VU027422.D

Acq: 04 Oct 2018 20:47

Instrument :

MSVOA_U

ClientSampled :

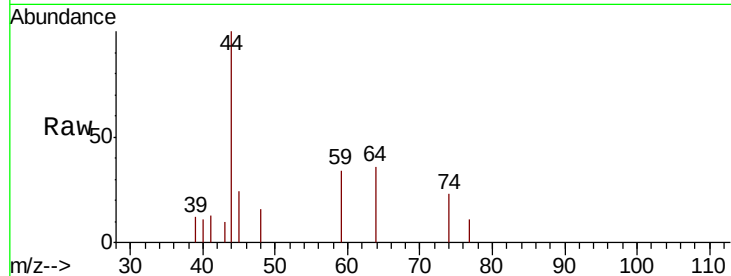
MW-2

Tgt Ion: 74 Resp: 299

Ion Ratio Lower Upper

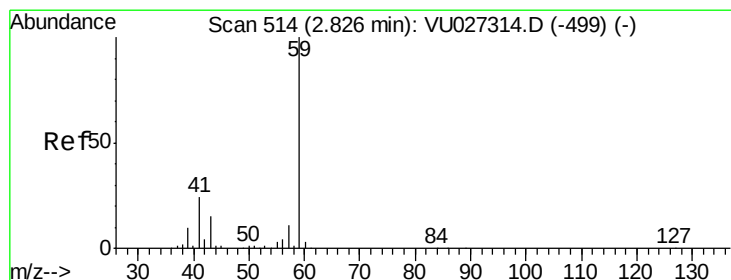
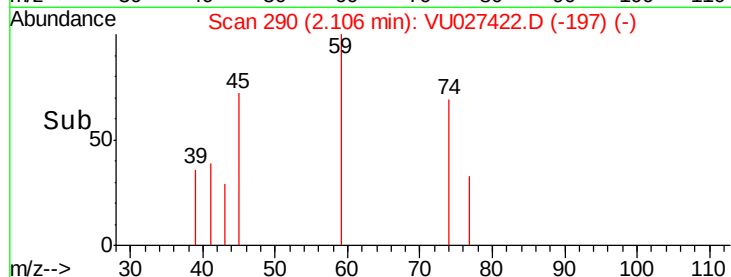
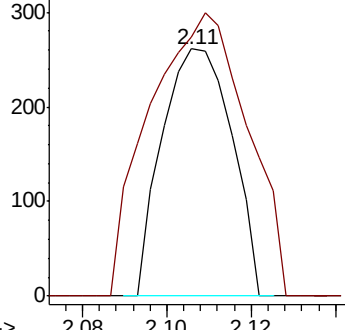
74 100

45 161.5 60.4 181.1



Abundance Ion 74.00 (73.70 to 74.70): VU0

Ion 45.00 (44.70 to 45.70): VU0



#11

Tert butyl alcohol

Concen: 3.814 ug/l

RT: 2.83 min Scan# 515

Delta R.T. 0.00 min

Lab File: VU027422.D

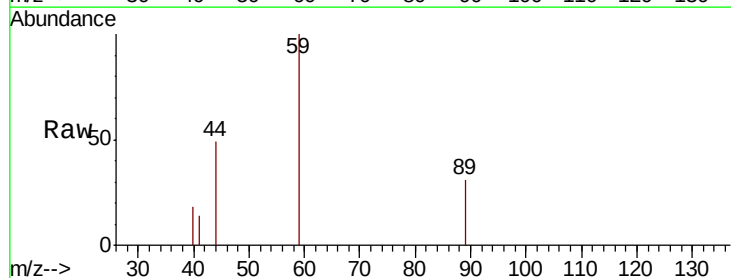
Acq: 04 Oct 2018 20:47

Tgt Ion: 59 Resp: 1469

Ion Ratio Lower Upper

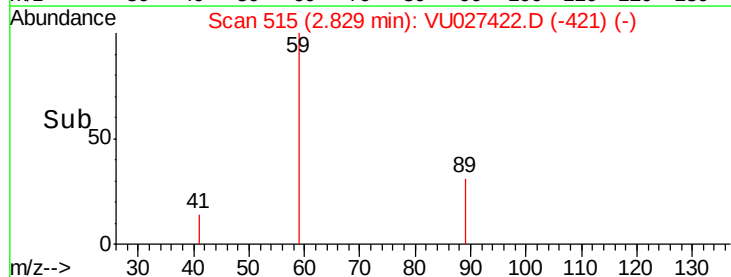
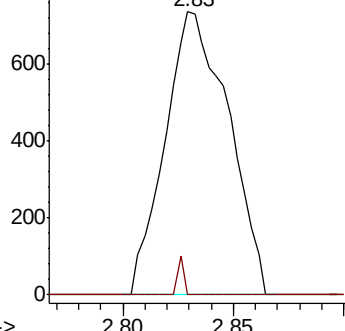
59 100

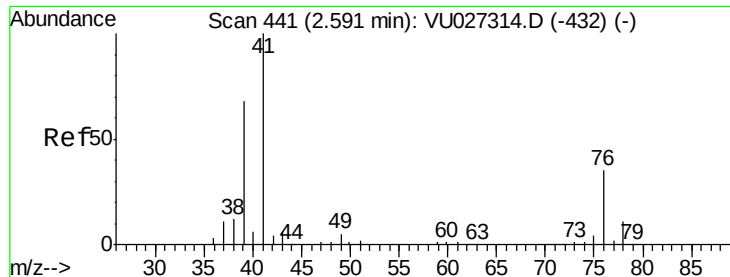
57 1.3 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

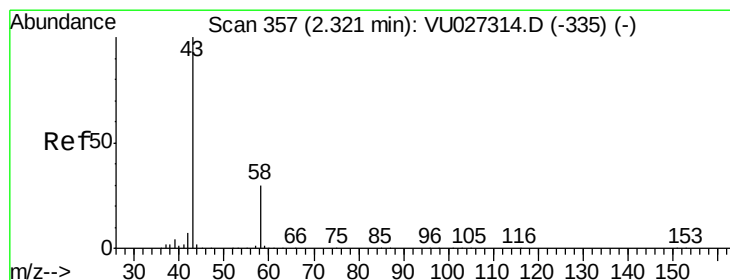
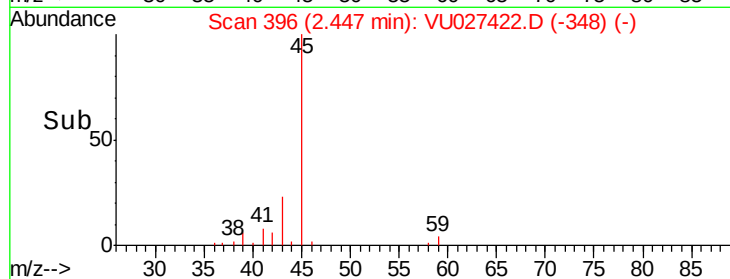
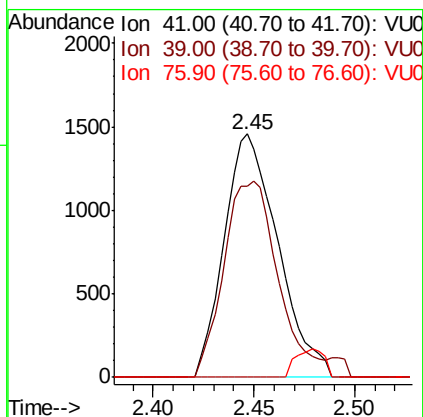
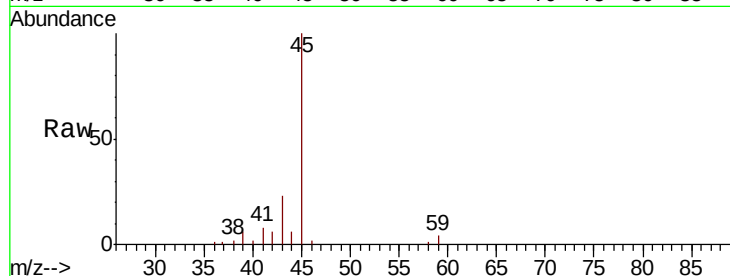




#14
 Allyl chloride
 Concen: 0.984 ug/l
 RT: 2.45 min Scan# 396
 Delta R.T. -0.14 min
 Lab File: VU027422.D
 Acq: 04 Oct 2018 20:47

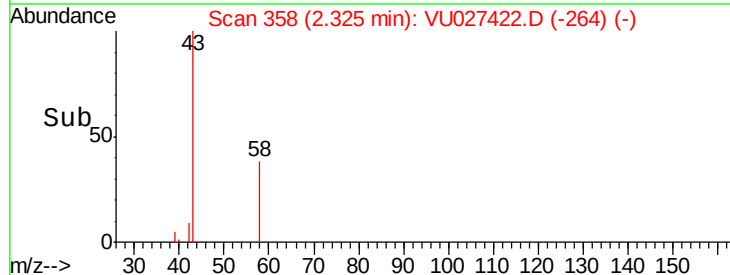
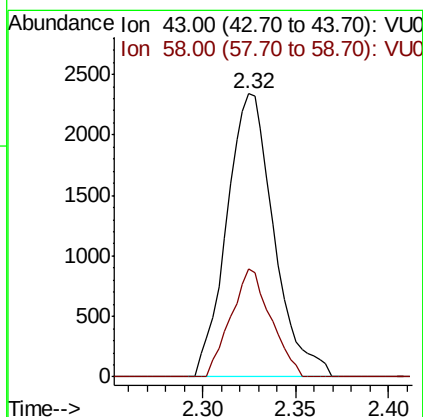
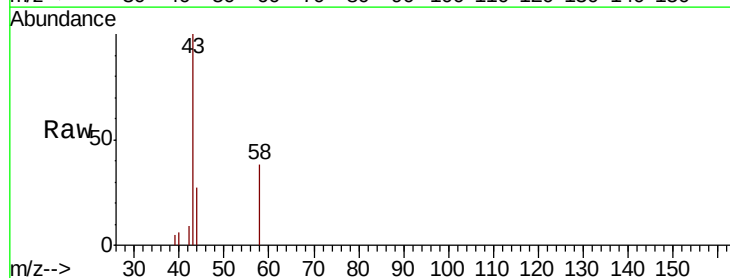
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-2

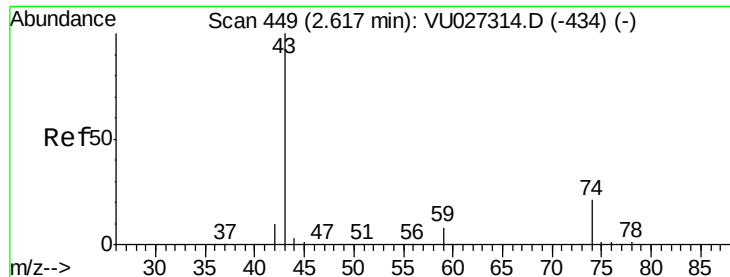
Tgt Ion: 41 Resp: 2703
 Ion Ratio Lower Upper
 41 100
 39 81.8 51.8 77.8#
 76 0.0 25.9 38.9#



#16
 Acetone
 Concen: 3.818 ug/l
 RT: 2.32 min Scan# 358
 Delta R.T. 0.00 min
 Lab File: VU027422.D
 Acq: 04 Oct 2018 20:47

Tgt Ion: 43 Resp: 4126
 Ion Ratio Lower Upper
 43 100
 58 38.3 24.2 36.4#

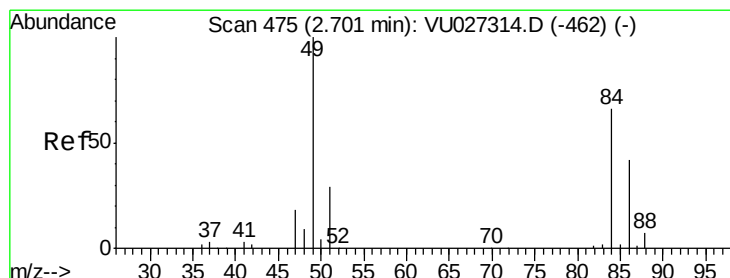
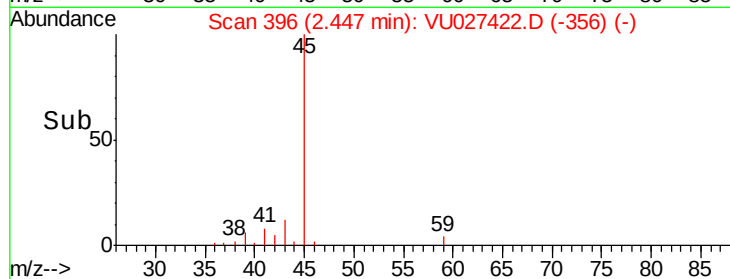
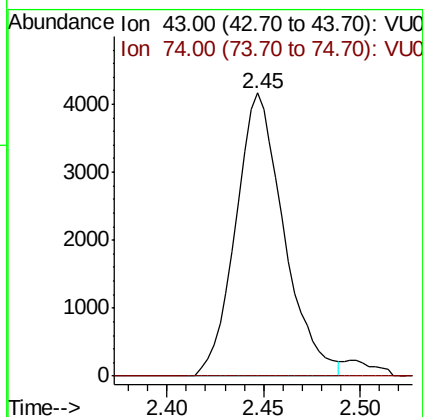
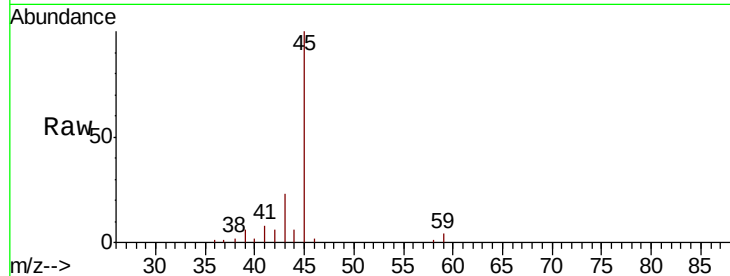




#18
Methyl Acetate
Concen: 2.929 ug/l
RT: 2.45 min Scan# 396
Delta R.T. -0.17 min
Lab File: VU027422.D
Acq: 04 Oct 2018 20:47

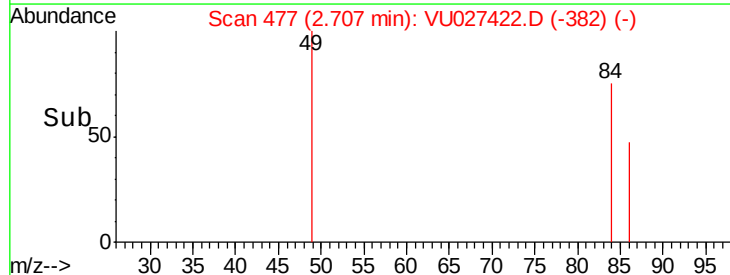
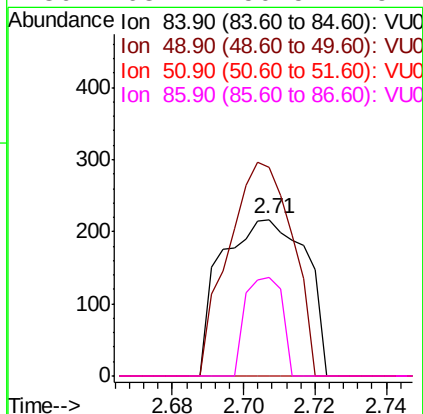
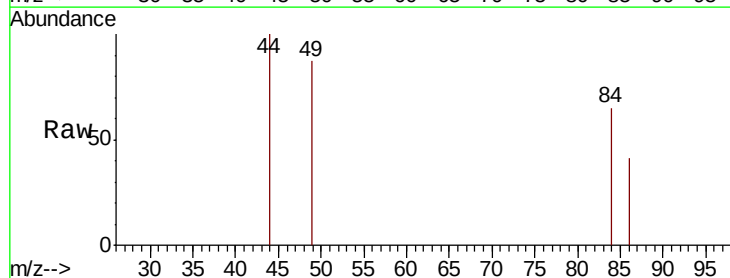
Instrument :
MSVOA_U
ClientSampleId :
MW-2

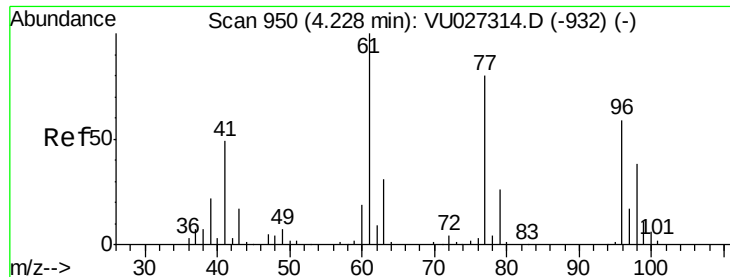
Tgt Ion: 43 Resp: 7220
Ion Ratio Lower Upper
43 100
74 0.0 16.5 24.7#



#20
Methylene Chloride
Concen: 0.236 ug/l
RT: 2.71 min Scan# 477
Delta R.T. 0.01 min
Lab File: VU027422.D
Acq: 04 Oct 2018 20:47

Tgt Ion: 84 Resp: 355
Ion Ratio Lower Upper
84 100
49 133.6 120.5 180.7
51 0.0 35.1 52.7#
86 63.1 50.5 75.7



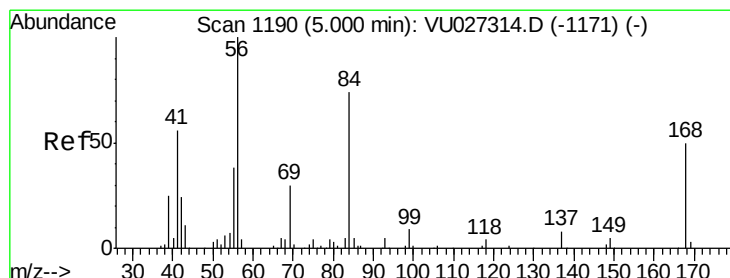
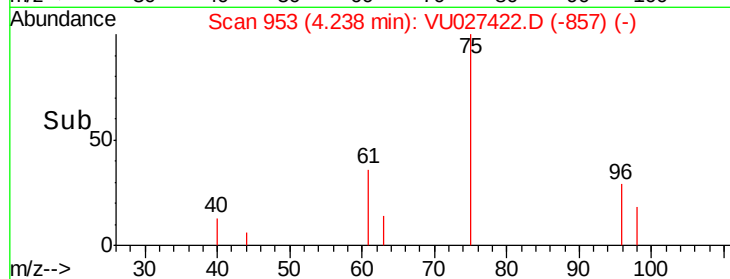
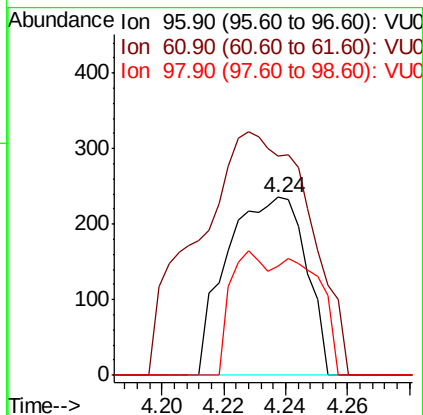
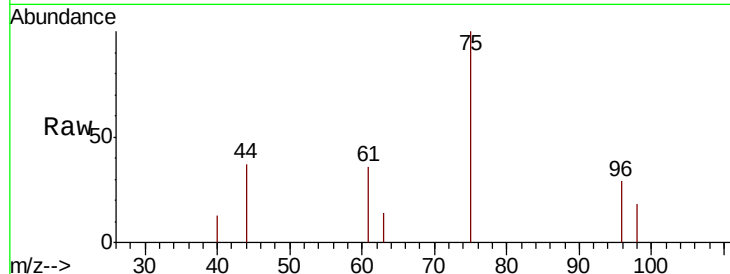


#27

cis-1,2-Dichloroethene
 Concen: 0.281 ug/l
 RT: 4.24 min Scan# 953
 Delta R.T. 0.01 min
 Lab File: VU027422.D
 Acq: 04 Oct 2018 20:47

Instrument :
 MSVOA_U
 ClientSampled :
 MW-2

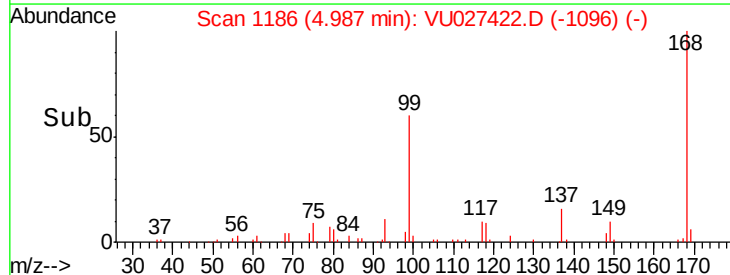
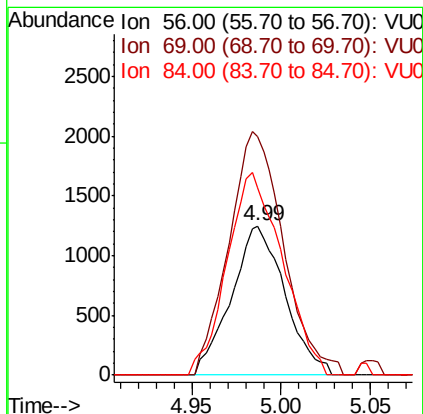
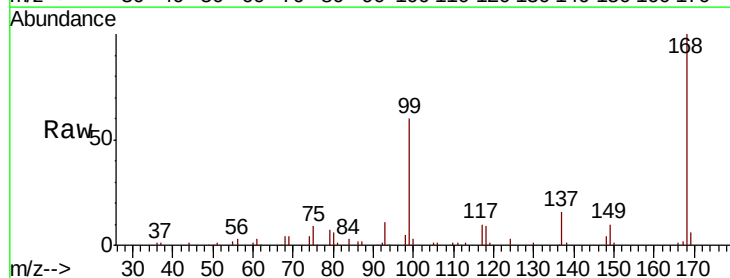
Tgt Ion: 96 Resp: 417
 Ion Ratio Lower Upper
 96 100
 61 193.8 0.0 343.8
 98 33.3 0.0 129.0

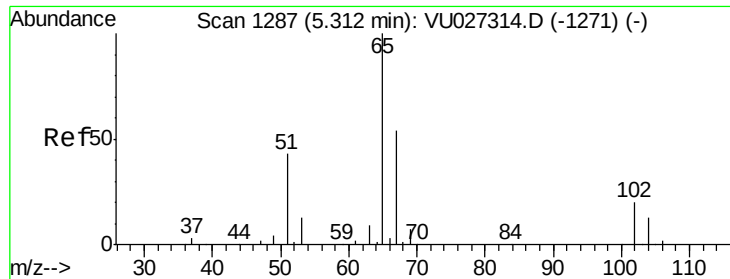


#31

Cyclohexane
 Concen: 0.658 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: VU027422.D
 Acq: 04 Oct 2018 20:47

Tgt Ion: 56 Resp: 2618
 Ion Ratio Lower Upper
 56 100
 69 159.8 24.1 36.1#
 84 125.6 59.1 88.7#

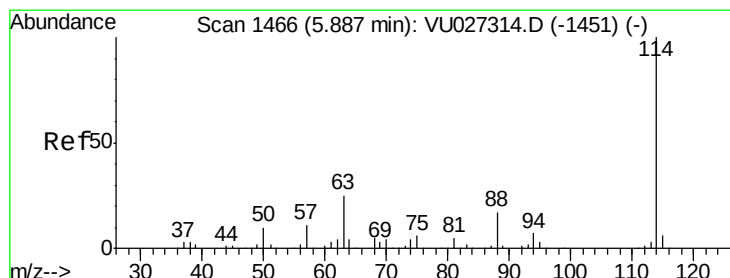
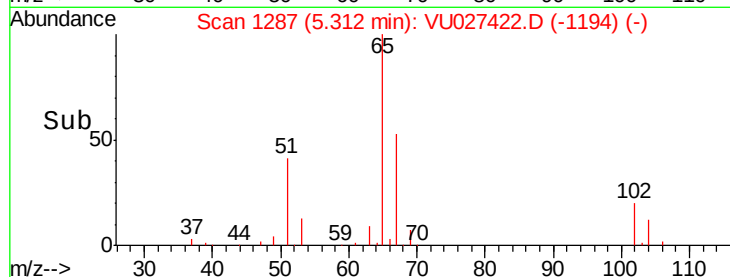
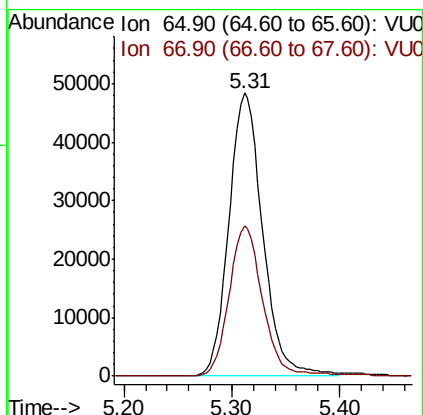
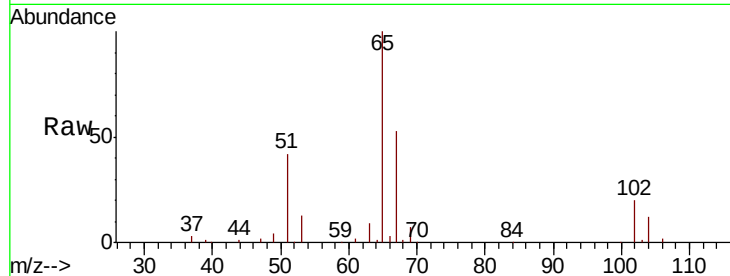




#33
 1,2-Dichloroethane-d4
 Concen: 57.625 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027422.D
 Acq: 04 Oct 2018 20:47

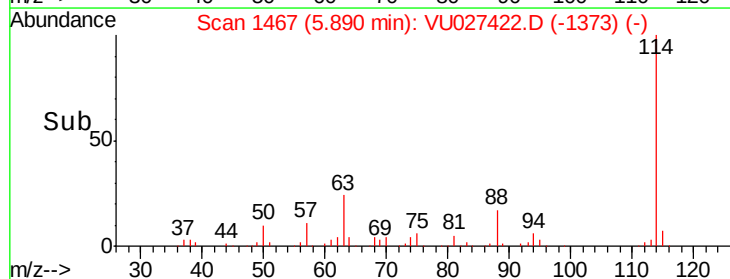
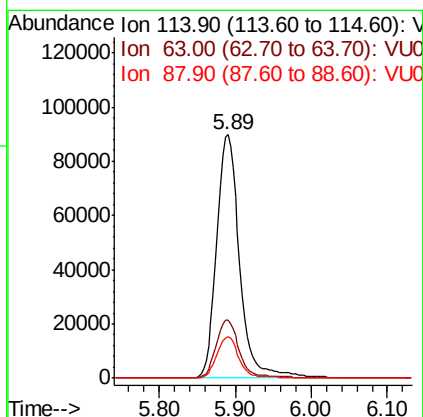
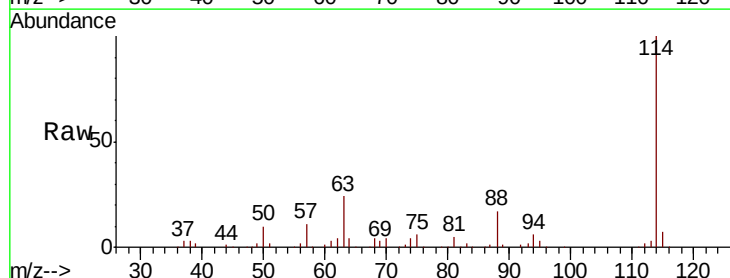
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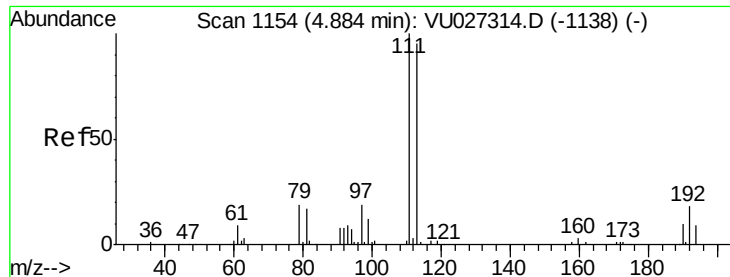
Tgt Ion: 65 Resp: 105402
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027422.D
 Acq: 04 Oct 2018 20:47

Tgt Ion: 114 Resp: 189237
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 50.2
 88 16.9 0.0 33.8

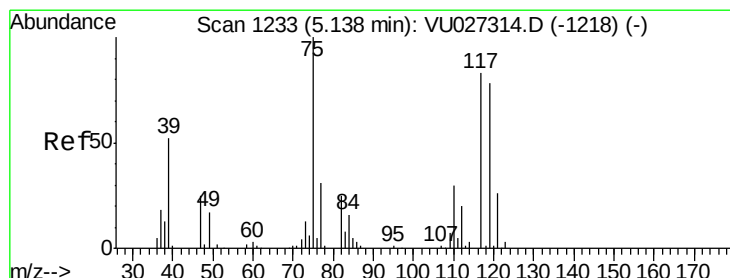
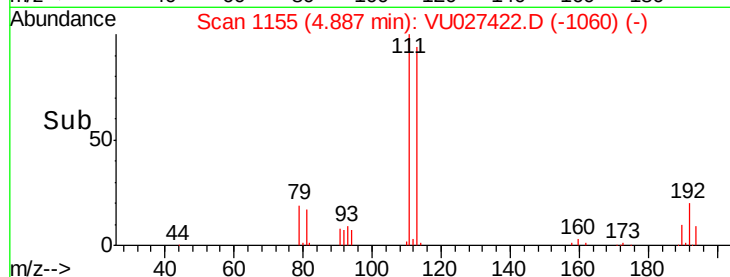
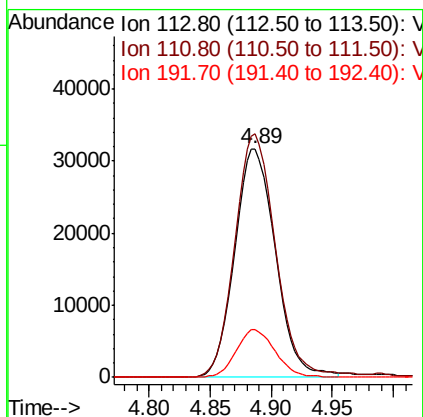
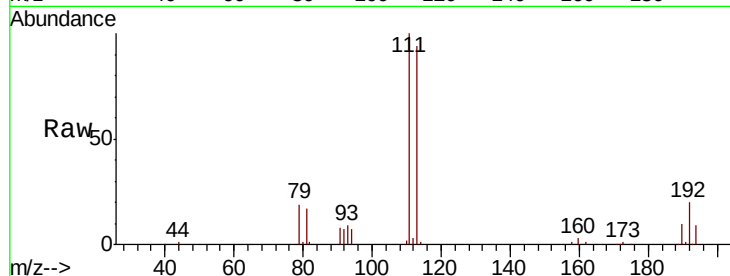




#35
 Dibromofluoromethane
 Concen: 56.797 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027422.D
 Acq: 04 Oct 2018 20:47

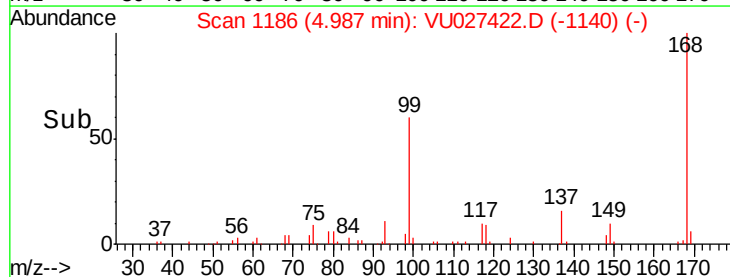
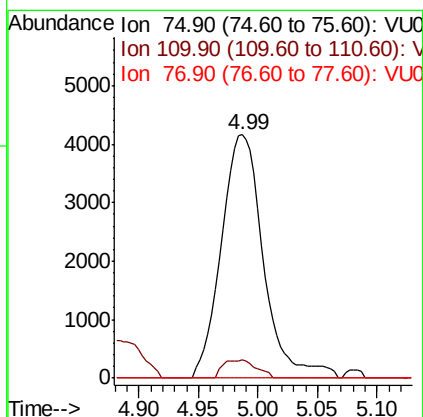
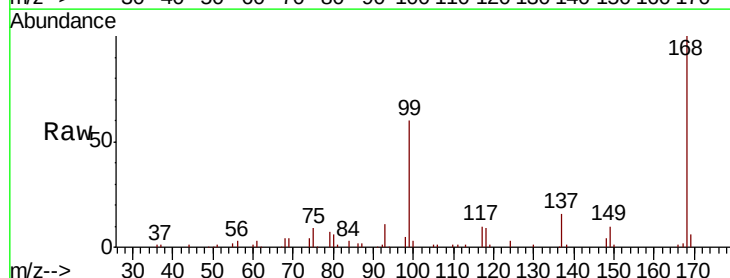
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-2

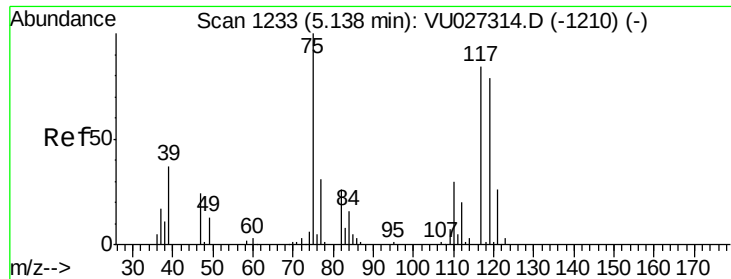
Tgt Ion:113 Resp: 73660
 Ion Ratio Lower Upper
 113 100
 111 106.8 83.1 124.7
 192 20.0 15.4 23.0



#36
 1,1-Dichloropropene
 Concen: 4.956 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027422.D
 Acq: 04 Oct 2018 20:47

Tgt Ion: 75 Resp: 10184
 Ion Ratio Lower Upper
 75 100
 110 5.9 15.5 46.5#
 77 0.0 25.4 38.0#





#38

Carbon Tetrachloride

Concen: 5.853 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.15 min

Lab File: VU027422.D

Acq: 04 Oct 2018 20:47

Instrument :

MSVOA_U

ClientSampleId :

MW-2

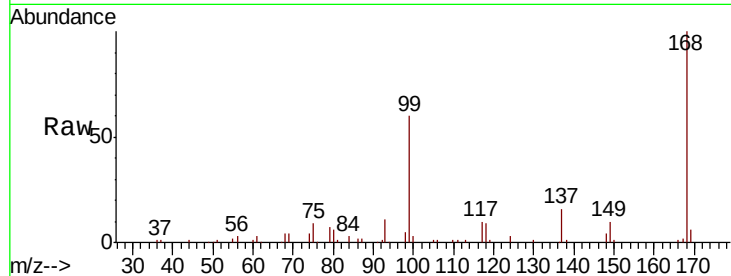
Tgt Ion:117 Resp: 10864

Ion Ratio Lower Upper

117 100

119 7.2 74.5 111.7#

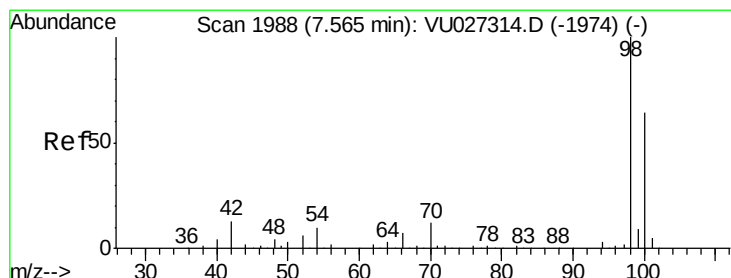
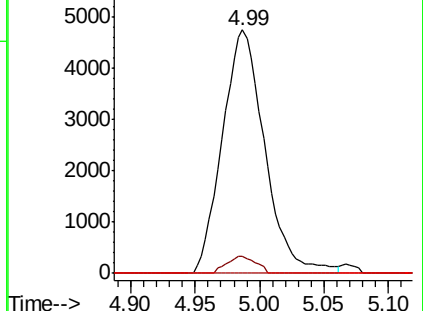
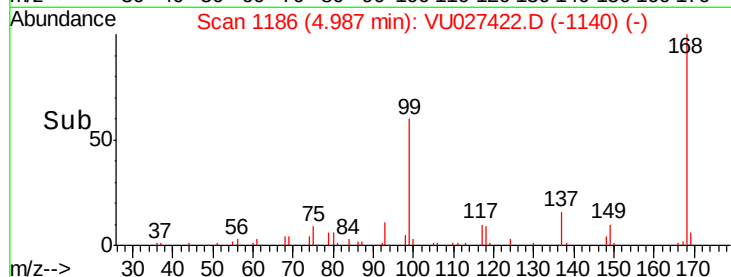
121 0.0 24.6 37.0#



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: 58.818 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU027422.D

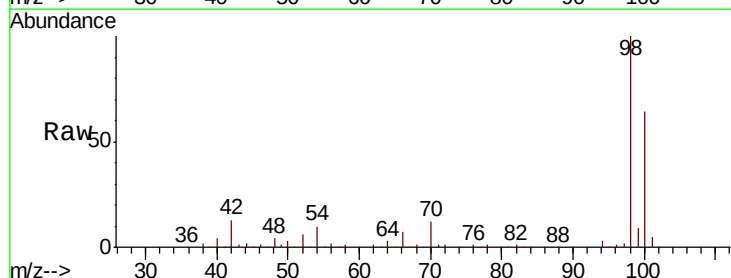
Acq: 04 Oct 2018 20:47

Tgt Ion: 98 Resp: 285498

Ion Ratio Lower Upper

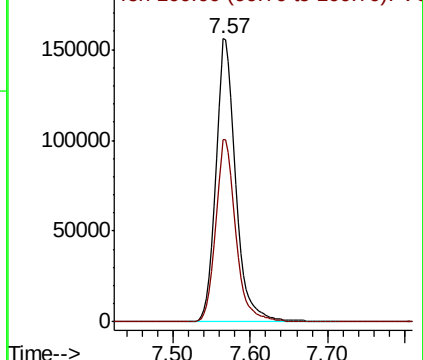
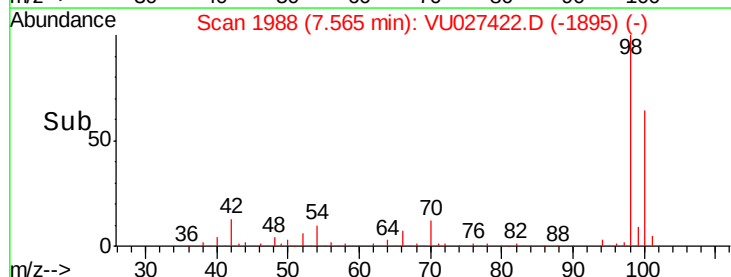
98 100

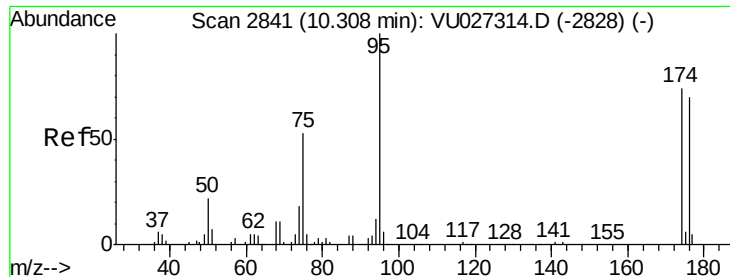
100 65.0 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU





#62

4-Bromofluorobenzene

Concen: 57.865 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027422.D

Acq: 04 Oct 2018 20:47

Instrument :

MSVOA_U

ClientSampleId :

MW-2

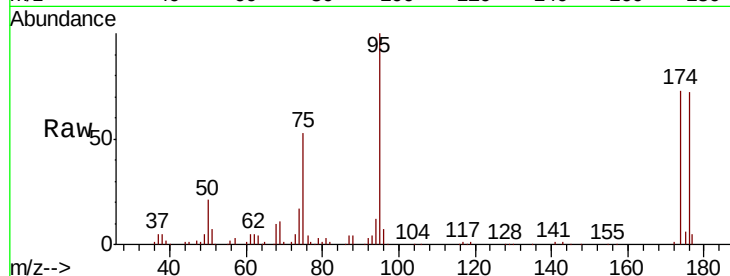
Tgt Ion: 95 Resp: 104383

Ion Ratio Lower Upper

95 100

174 74.3 0.0 147.8

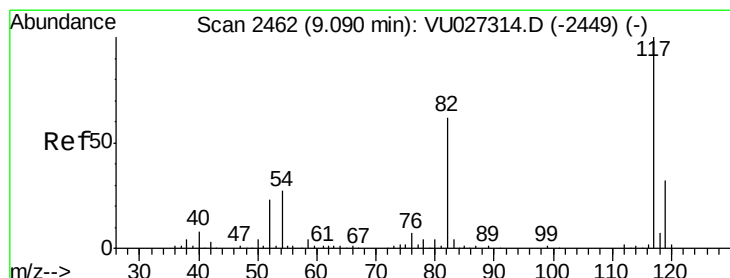
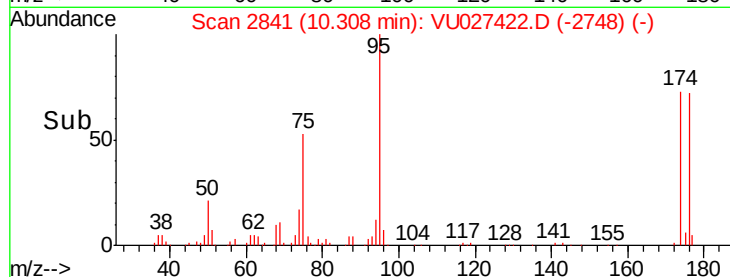
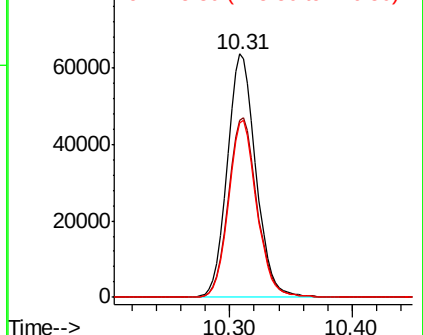
176 71.4 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU027314.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU027314.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU027314.D (-2828) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VU027422.D

Acq: 04 Oct 2018 20:47

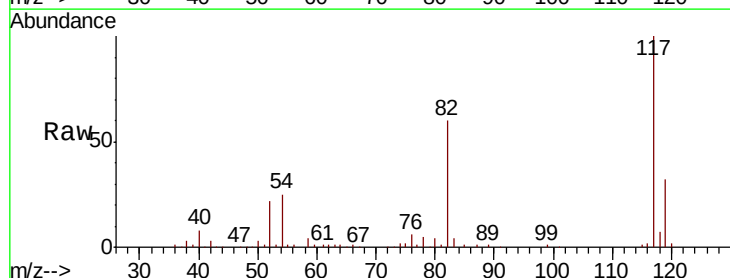
Tgt Ion: 117 Resp: 181390

Ion Ratio Lower Upper

117 100

82 60.2 49.2 73.8

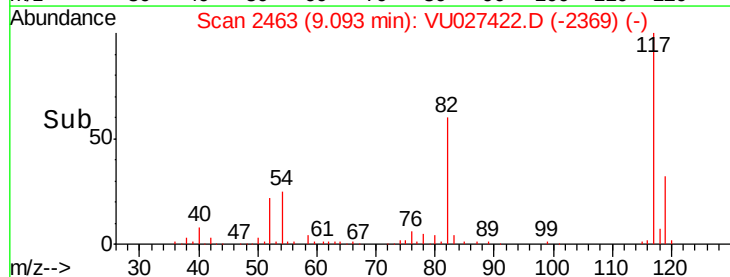
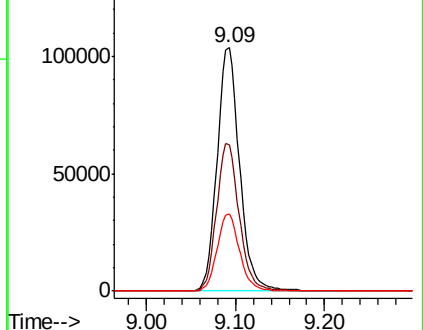
119 31.9 25.7 38.5

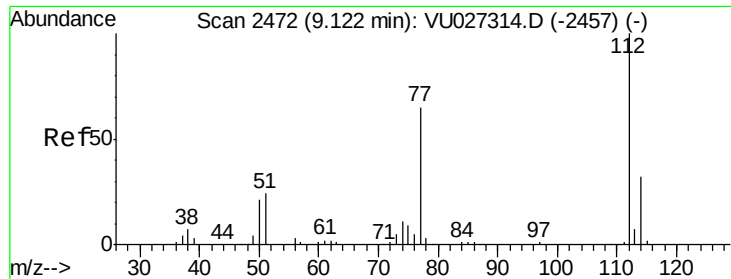


Abundance Ion 116.90 (116.60 to 117.60): VU027314.D (-2449) (-)

Ion 82.00 (81.70 to 82.70): VU027314.D (-2449) (-)

Ion 118.90 (118.60 to 119.60): VU027314.D (-2449) (-)

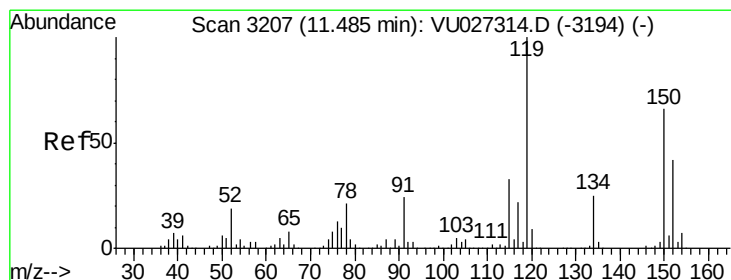
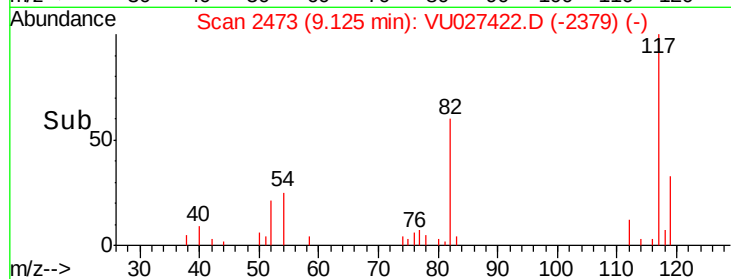
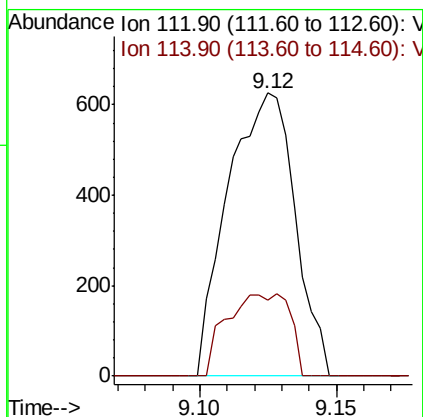
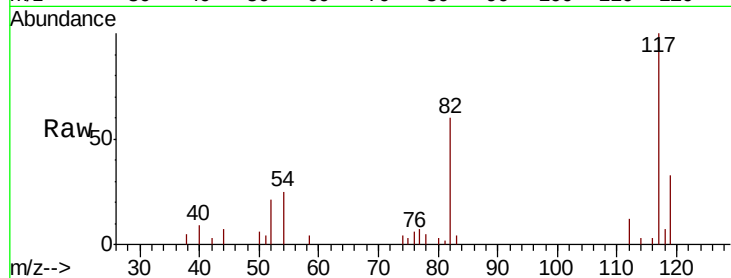




#65
Chlorobenzene
Concen: 0.280 ug/l
RT: 9.12 min Scan# 2473
Delta R.T. 0.00 min
Lab File: VU027422.D
Acq: 04 Oct 2018 20:47

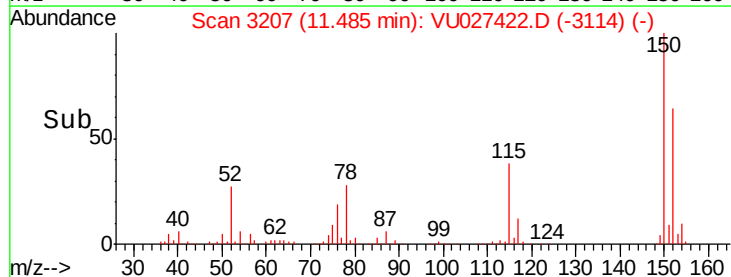
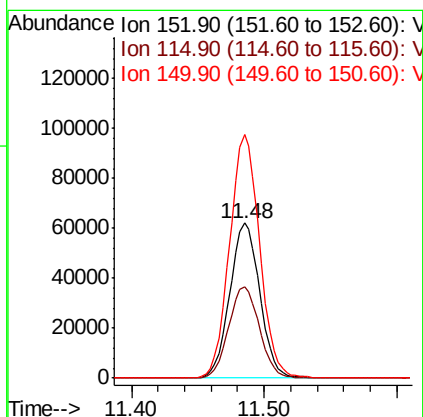
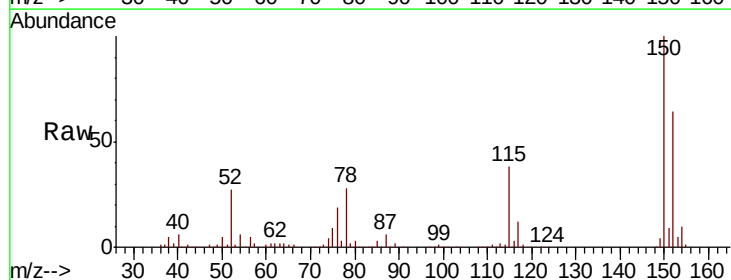
Instrument :
MSVOA_U
ClientSampleId :
MW-2

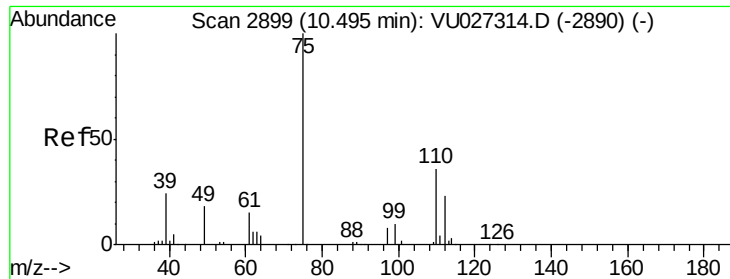
Tgt Ion:112 Resp: 1069
Ion Ratio Lower Upper
112 100
114 27.0 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027422.D
Acq: 04 Oct 2018 20:47

Tgt Ion:152 Resp: 98039
Ion Ratio Lower Upper
152 100
115 60.2 43.4 130.2
150 156.9 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 21.337 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027422.D

Acq: 04 Oct 2018 20:47

Instrument :

MSVOA_U

ClientSampleId :

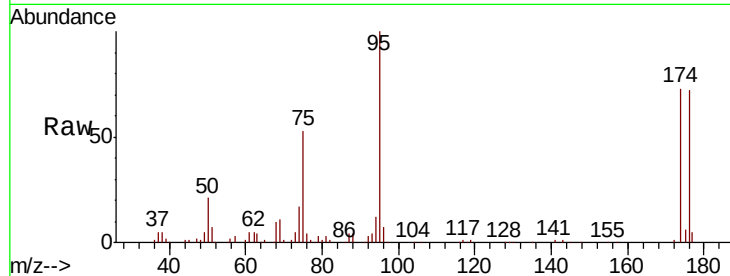
MW-2

Tgt Ion: 75 Resp: 54225

Ion Ratio Lower Upper

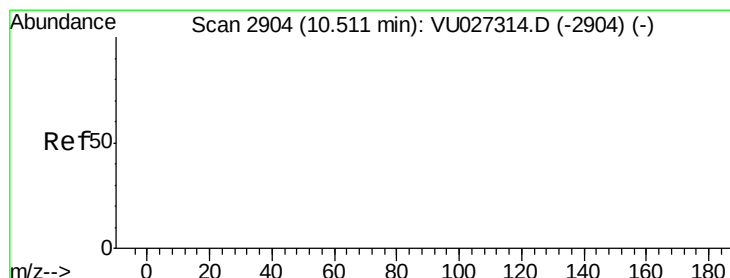
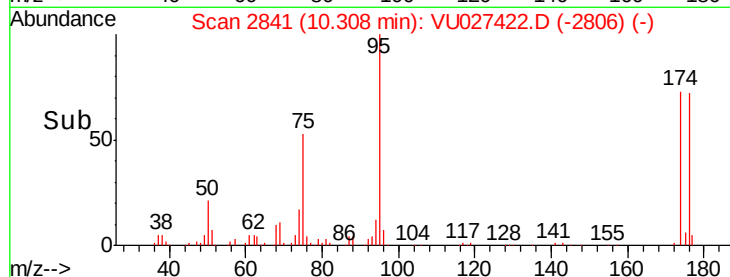
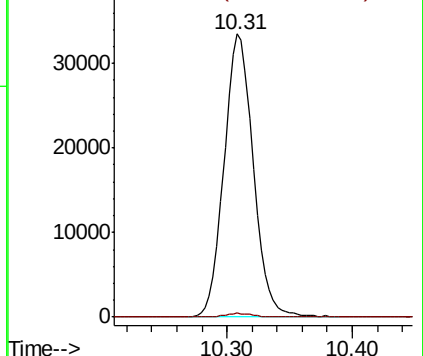
75 100

77 1.2 20.3 60.9#



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: 55.840 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.20 min

Lab File: VU027422.D

Acq: 04 Oct 2018 20:47

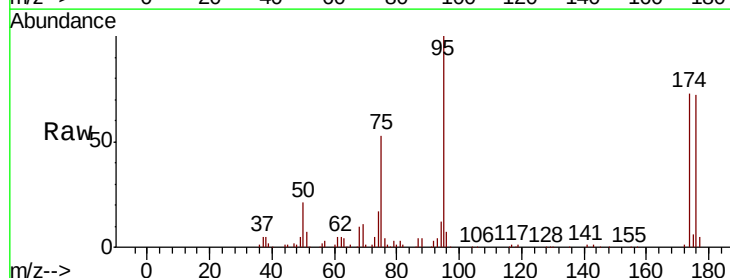
Tgt Ion: 75 Resp: 54225

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

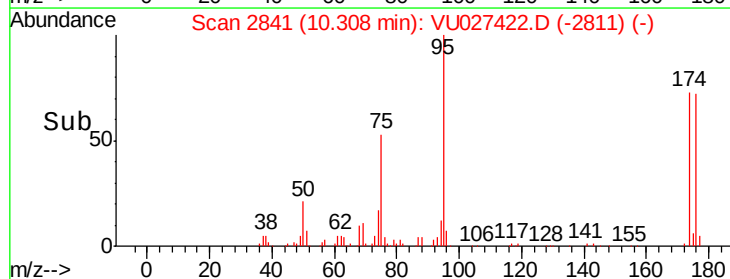
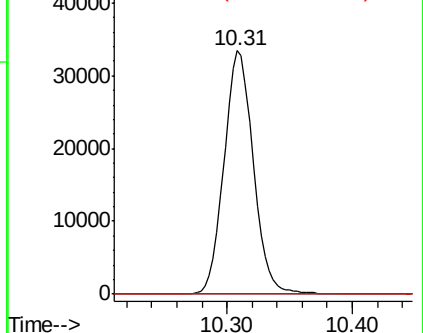
89 0.0 0.0 0.0

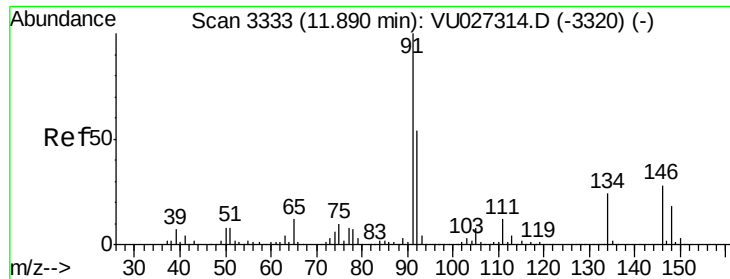


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0





#89

n-Butylbenzene

Concen: 1.956 ug/l

RT: 11.89 min Scan# 3334

Delta R.T. 0.00 min

Lab File: VU027422.D

Acq: 04 Oct 2018 20:47

Instrument :

MSVOA_U

ClientSampled :

MW-2

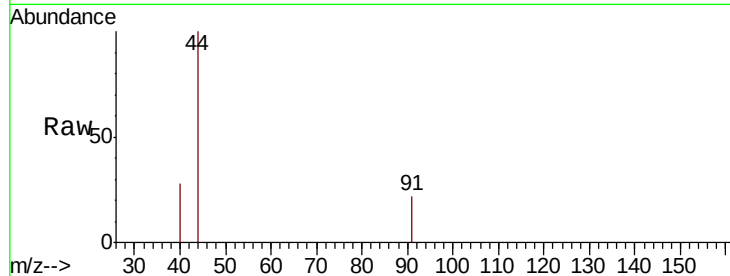
Tgt Ion: 91 Resp: 44

Ion Ratio Lower Upper

91 100

92 0.0 27.0 81.0#

134 0.0 11.7 35.1#

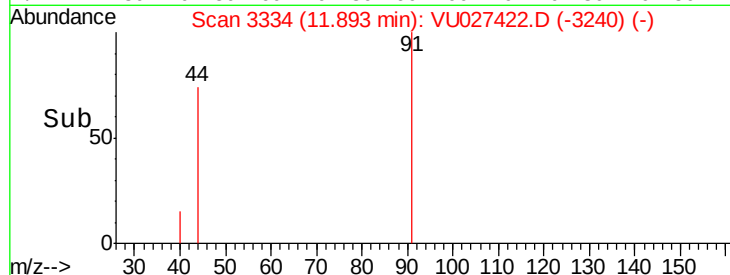


Abundance Ion 91.00 (90.70 to 91.70): VU027314.D (-3320) (-)

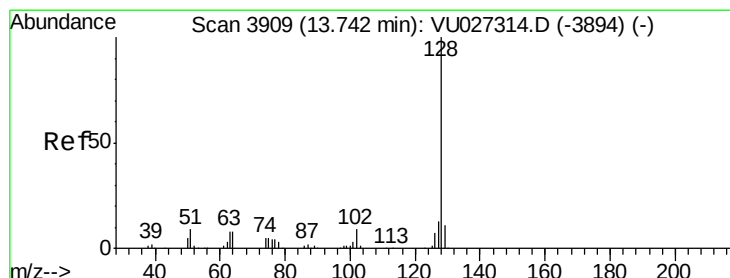
Ion 92.00 (91.70 to 92.70): VU027314.D (-3320) (-)

Ion 134.00 (133.70 to 134.70): VU027314.D (-3320) (-)

11.89



Time-->



#95

Naphthalene

Concen: 1.662 ug/l

RT: 13.78 min Scan# 3921

Delta R.T. 0.04 min

Lab File: VU027422.D

Acq: 04 Oct 2018 20:47

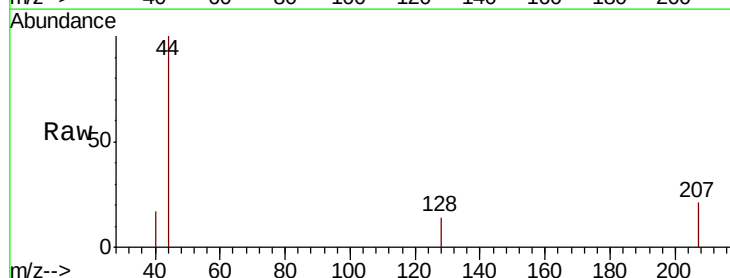
Tgt Ion: 128 Resp: 19

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

129 0.0 8.6 12.8#

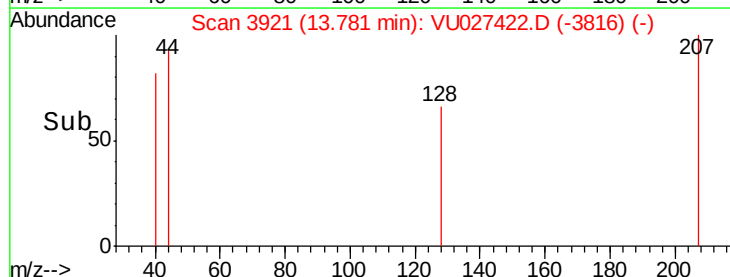


Abundance Ion 128.00 (127.70 to 128.70): VU027314.D (-3894) (-)

Ion 127.00 (126.70 to 127.70): VU027314.D (-3894) (-)

Ion 129.00 (128.70 to 129.70): VU027314.D (-3894) (-)

13.78



Time-->