

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092618\
 Data File : VU027208.D
 Acq On : 27 Sep 2018 03:54
 Operator : MD/SY
 Sample : J5048-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-123-SEP18

Quant Time: Sep 27 04:25:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	108807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	180569	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	177334	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	80433	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	104856	47.88	ug/l	0.00
Spiked Amount			Recovery	=	95.76%	
35) Dibromofluoromethane	4.88	113	75288	48.10	ug/l	0.00
Spiked Amount			Recovery	=	96.20%	
50) Toluene-d8	7.57	98	284899	47.76	ug/l	0.00
Spiked Amount			Recovery	=	95.52%	
62) 4-Bromofluorobenzene	10.31	95	96492	47.14	ug/l	0.00
Spiked Amount			Recovery	=	94.28%	

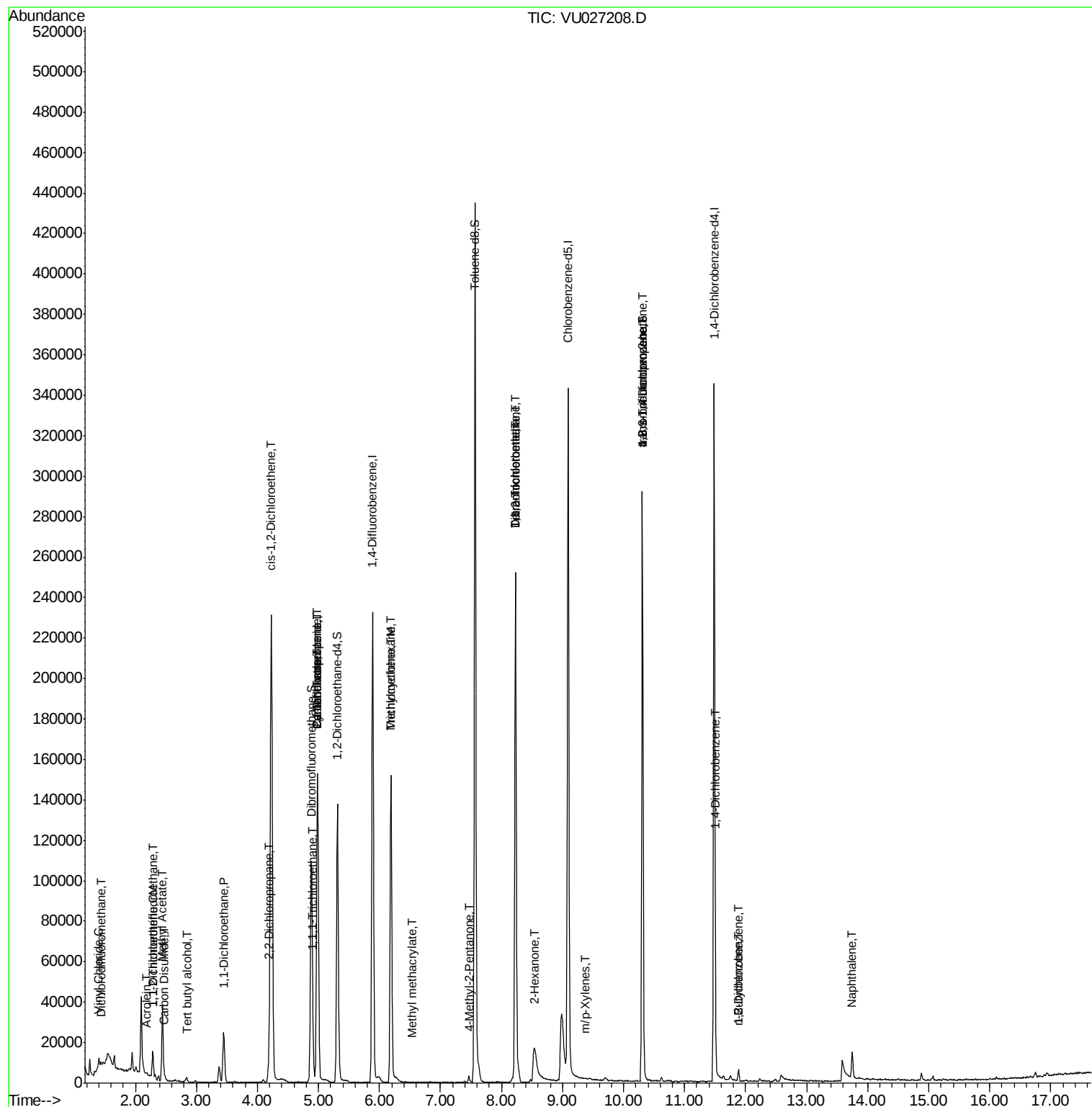
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.43	85	328	0.231	ug/l	85
4) Vinyl Chloride	1.40	62	2147	0.939	ug/l #	80
9) 1,1,2-Trichlorotrifluoroet	2.29	101	1304	0.817	ug/l	92
11) Tert butyl alcohol	2.83	59	1746	3.478	ug/l #	72
12) 1,1-Dichloroethene	2.29	96	2932	1.951	ug/l	100
13) Acrolein	2.19	56	121	0.447	ug/l #	14
16) Acetone	2.32	43	2759	Below Cal		98
17) Carbon Disulfide	2.48	76	1762	0.360	ug/l	98
18) Methyl Acetate	2.44	43	9150	2.936	ug/l #	55
24) 1,1-Dichloroethane	3.45	63	28000	7.798	ug/l	98
26) 2,2-Dichloropropane	4.19	77	958	0.342	ug/l #	55
27) cis-1,2-Dichloroethene	4.23	96	121796	67.217	ug/l	88
31) Cyclohexane	4.98	56	2818	0.292	ug/l #	1
32) 1,1,1-Trichloroethane	4.92	97	3528	1.326	ug/l #	52
36) 1,1-Dichloropropene	4.98	75	9988	4.145	ug/l #	50
38) Carbon Tetrachloride	4.99	117	11303	4.929	ug/l #	17
39) Methylcyclohexane	6.19	83	705	0.269	ug/l #	17
44) Trichloroethene	6.19	130	49209	31.551	ug/l	99
48) Methyl methacrylate	6.53	41	82	1.043	ug/l #	17
51) 4-Methyl-2-Pentanone	7.47	43	2444	0.764	ug/l #	87
55) 1,1,2-Trichloroethane	8.22	97	544	0.306	ug/l #	28
59) 2-Hexanone	8.54	43	26285	10.494	ug/l #	26
60) Dibromochloromethane	8.23	129	53192	30.476	ug/l #	11
64) Tetrachloroethene	8.23	164	55571	40.667	ug/l	97
68) m/p-Xylenes	9.38	106	98	1.532	ug/l #	12
76) 1,2,3-Trichloropropane	10.31	75	51030	20.884	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	51030	66.832	ug/l #	100
88) 1,4-Dichlorobenzene	11.51	146	684	0.226	ug/l #	73
89) n-Butylbenzene	11.90	91	42	2.400	ug/l #	33
91) 1,2-Dichlorobenzene	11.88	146	2414	0.817	ug/l	95
95) Naphthalene	13.75	128	10278	3.180	ug/l	98

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

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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: VU027208.D

Acq: 27 Sep 2018 03:54

Instrument :

MSVOA_U

ClientSampleId :

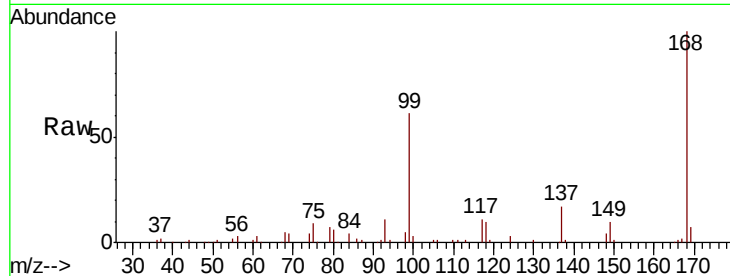
MW-123-SEP18

Tgt Ion:168 Resp: 108807

Ion Ratio Lower Upper

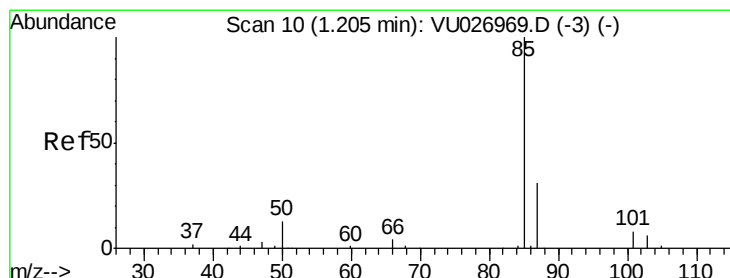
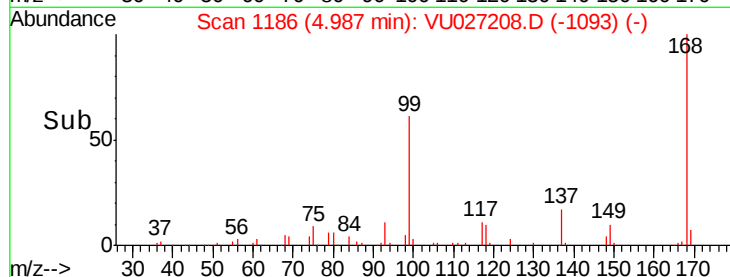
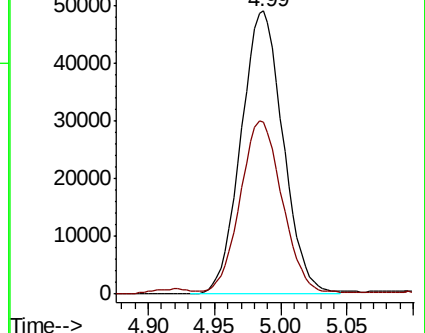
168 100

99 59.8 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)



#2

Dichlorodifluoromethane

Concen: 0.231 ug/l

RT: 1.43 min Scan# 81

Delta R.T. 0.23 min

Lab File: VU027208.D

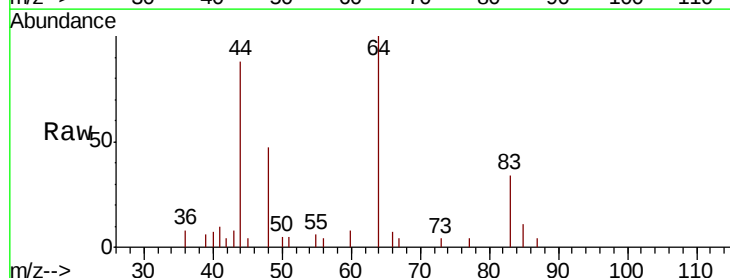
Acq: 27 Sep 2018 03:54

Tgt Ion: 85 Resp: 328

Ion Ratio Lower Upper

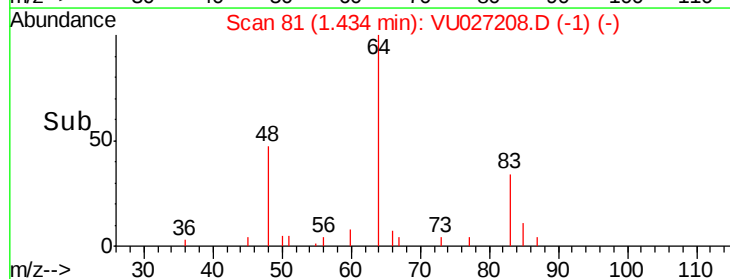
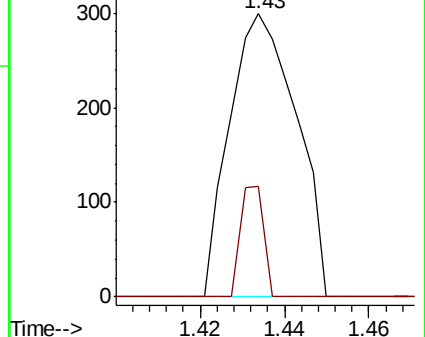
85 100

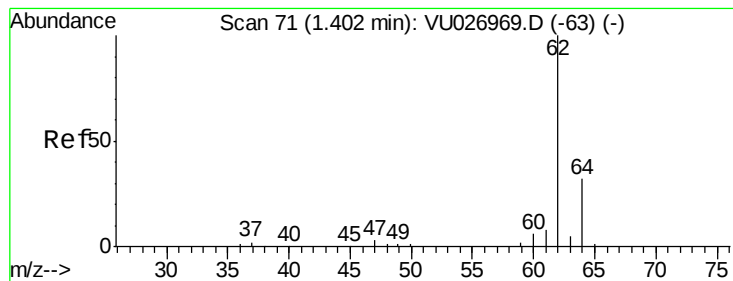
87 39.1 15.6 46.7



Abundance Ion 84.90 (84.60 to 85.60): VU026969.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VU026969.D (-3) (-)





#4

Vinyl Chloride

Concen: 0.939 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027208.D

Acq: 27 Sep 2018 03:54

Instrument :

MSVOA_U

ClientSampleId :

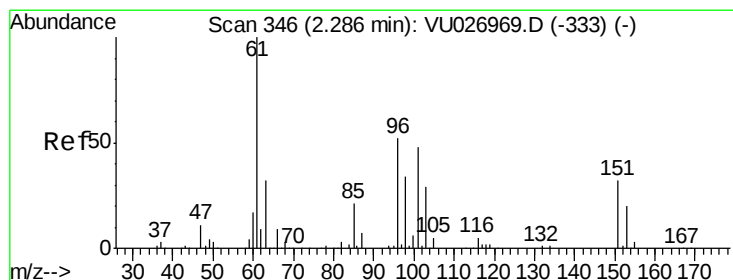
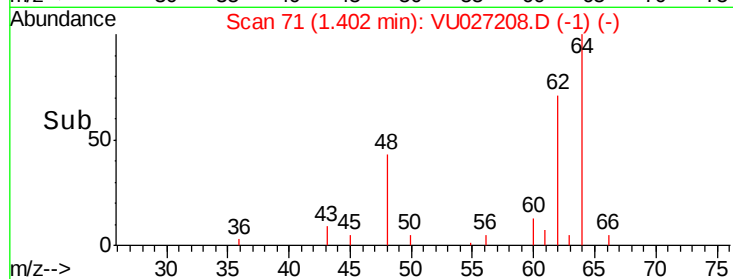
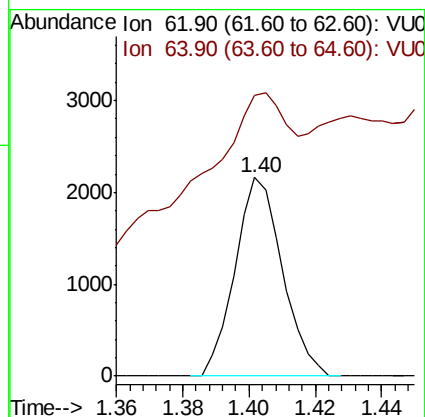
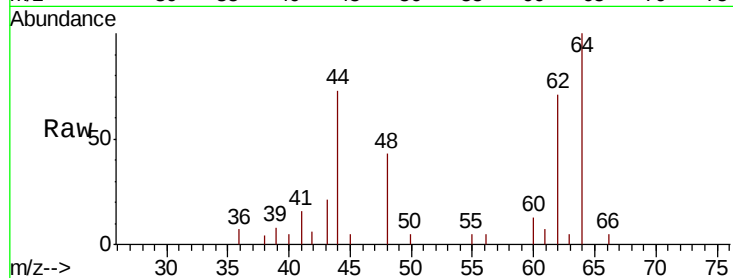
MW-123-SEP18

Tgt Ion: 62 Resp: 2147

Ion Ratio Lower Upper

62 100

64 43.2 25.5 38.3#



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.817 ug/l

RT: 2.29 min Scan# 347

Delta R.T. 0.00 min

Lab File: VU027208.D

Acq: 27 Sep 2018 03:54

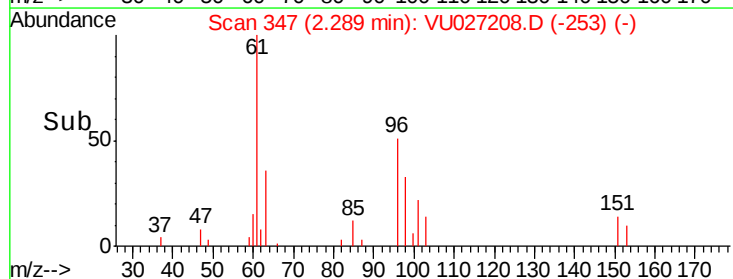
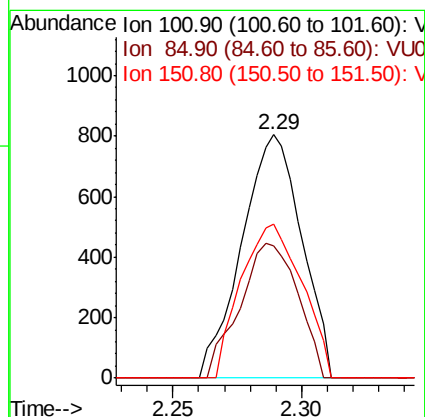
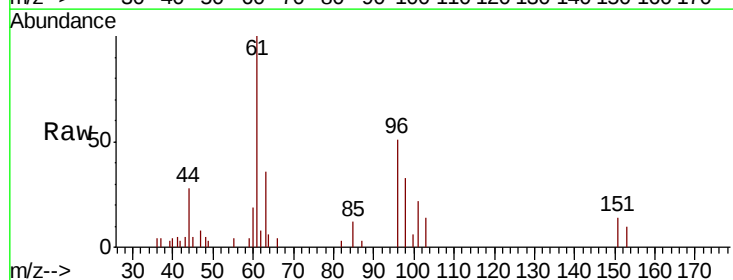
Tgt Ion: 101 Resp: 1304

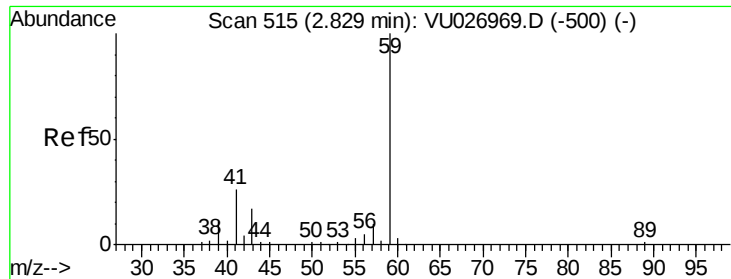
Ion Ratio Lower Upper

101 100

85 53.8 36.2 54.2

151 64.5 54.5 81.7

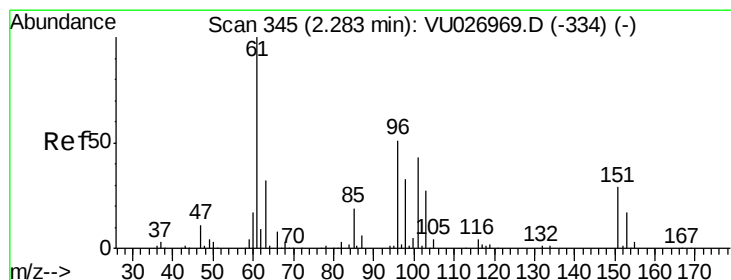
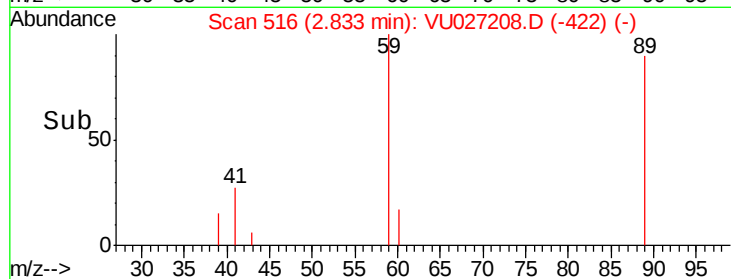
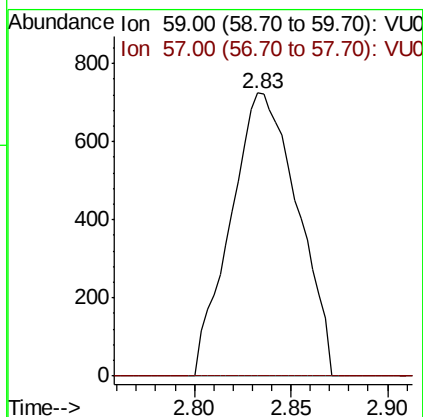
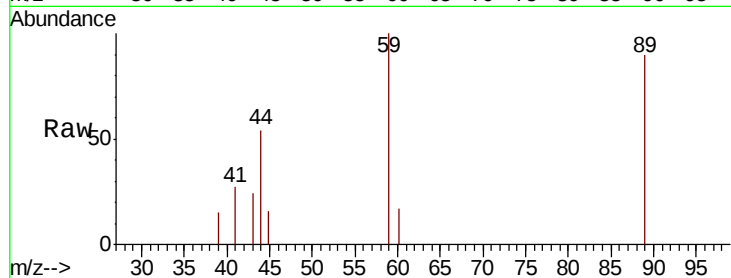




#11
Tert butyl alcohol
Concen: 3.478 ug/l
RT: 2.83 min Scan# 516
Delta R.T. 0.00 min
Lab File: VU027208.D
Acq: 27 Sep 2018 03:54

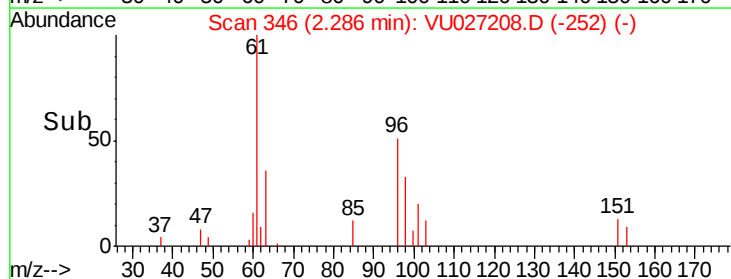
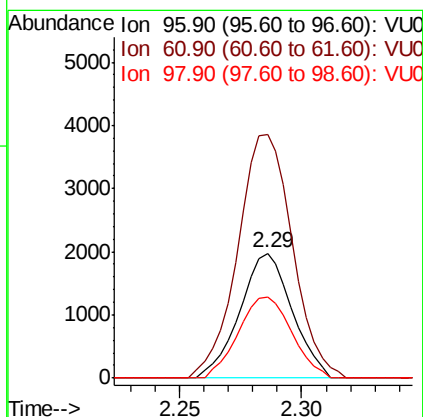
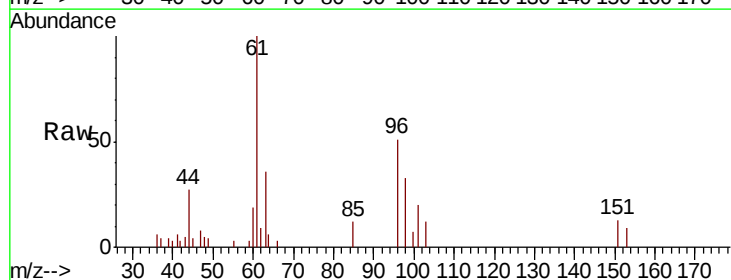
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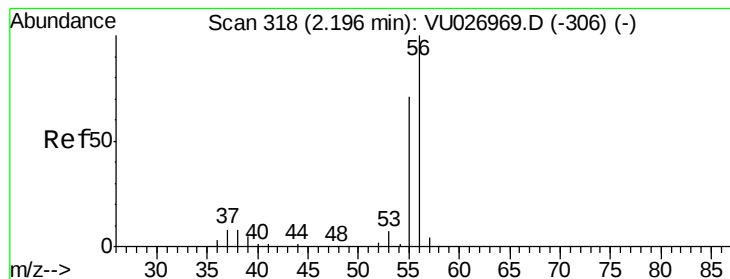
Tgt Ion: 59 Resp: 1746
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#12
1,1-Dichloroethene
Concen: 1.951 ug/l
RT: 2.29 min Scan# 346
Delta R.T. 0.00 min
Lab File: VU027208.D
Acq: 27 Sep 2018 03:54

Tgt Ion: 96 Resp: 2932
Ion Ratio Lower Upper
96 100
61 194.9 156.1 234.1
98 65.1 51.4 77.0





#13

Acrolein

Concen: 0.447 ug/l

RT: 2.19 min Scan# 317

Delta R.T. -0.00 min

Lab File: VU027208.D

Acq: 27 Sep 2018 03:54

Instrument :

MSVOA_U

ClientSampleId :

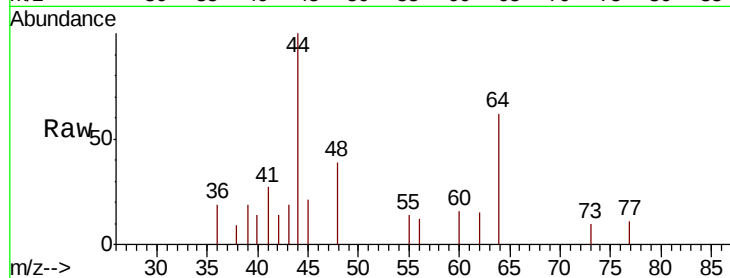
MW-123-SEP18

Tgt Ion: 56 Resp: 121

Ion Ratio Lower Upper

56 100

55 0.0 57.1 85.7#



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

250

200

150

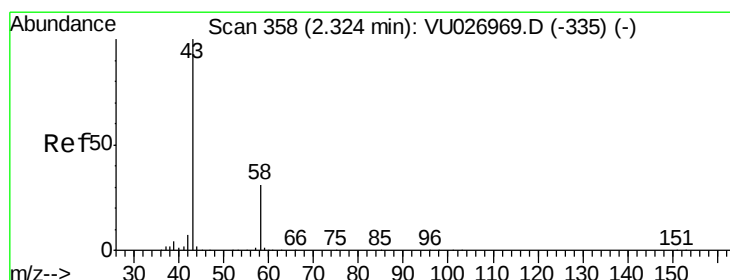
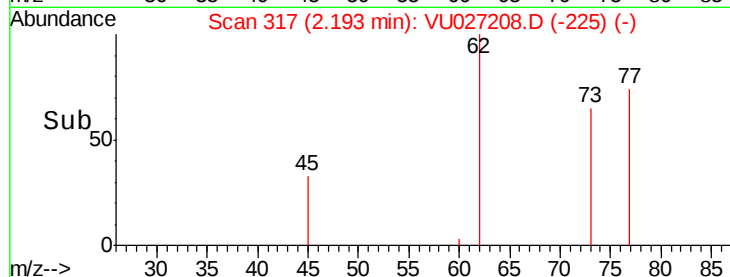
100

50

0

2.17 2.18 2.19 2.20 2.21

Time-->



#16

Acetone

Concen: Below Cal

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027208.D

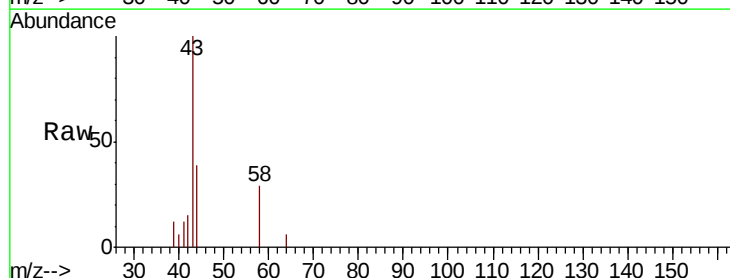
Acq: 27 Sep 2018 03:54

Tgt Ion: 43 Resp: 2759

Ion Ratio Lower Upper

43 100

58 31.7 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2000

1500

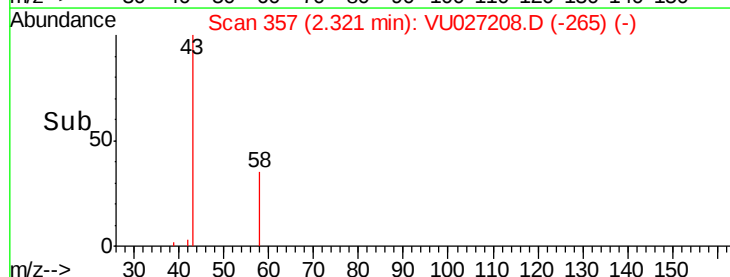
1000

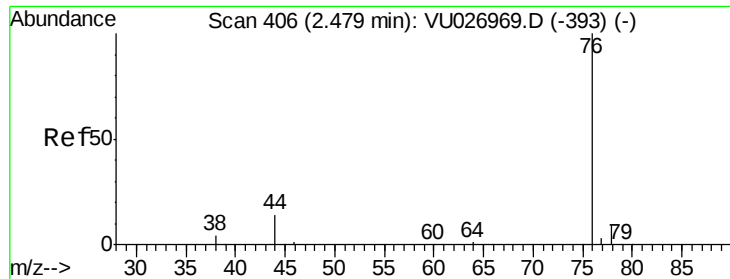
500

0

2.30 2.35

Time-->

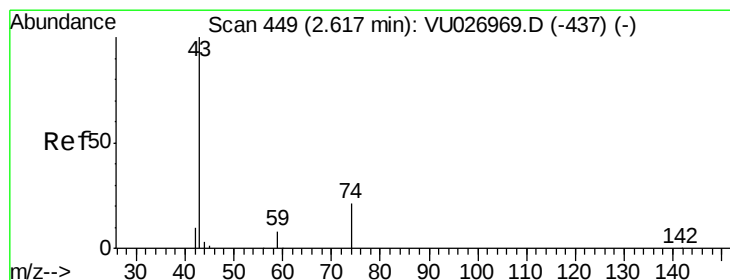
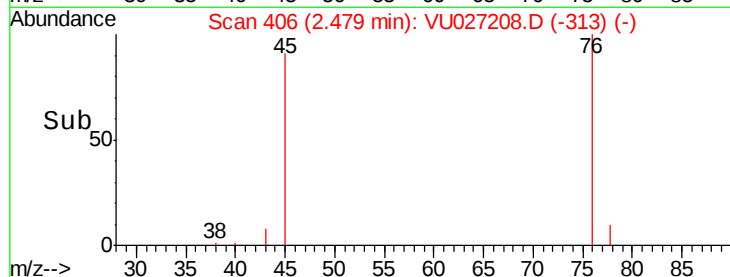
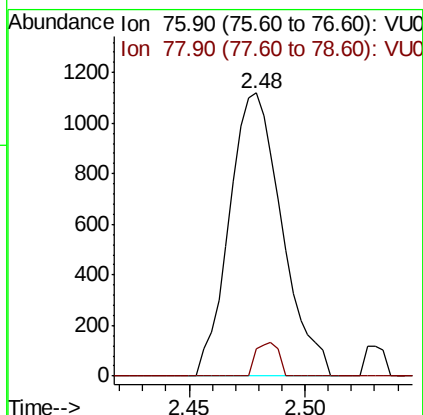
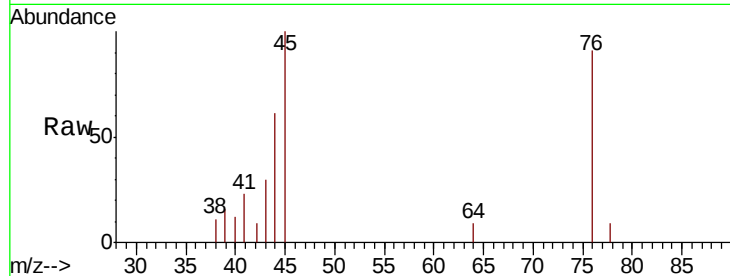




#17
Carbon Disulfide
Concen: 0.360 ug/l
RT: 2.48 min Scan# 406
Delta R.T. 0.00 min
Lab File: VU027208.D
Acq: 27 Sep 2018 03:54

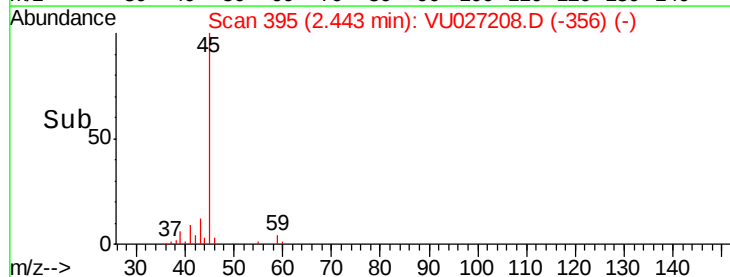
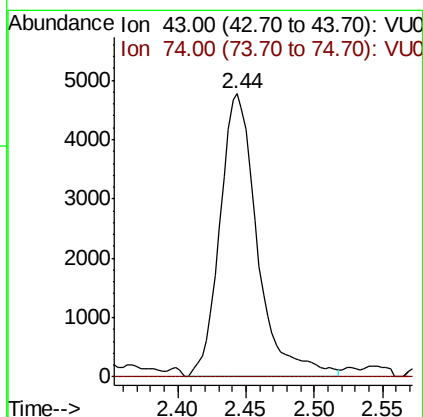
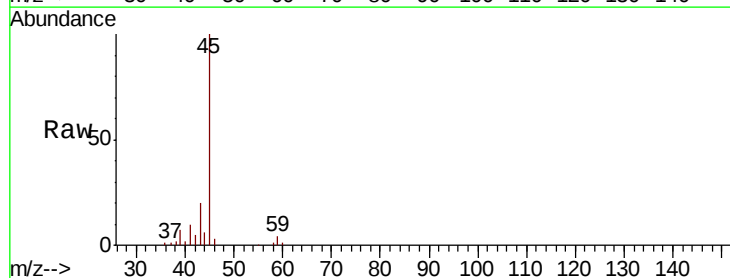
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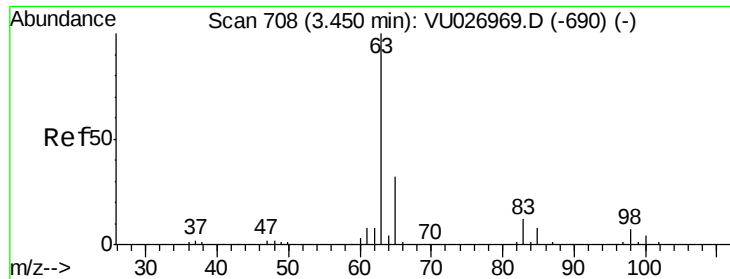
Tgt Ion: 76 Resp: 1762
Ion Ratio Lower Upper
76 100
78 9.7 7.1 10.7



#18
Methyl Acetate
Concen: 2.936 ug/l
RT: 2.44 min Scan# 395
Delta R.T. -0.17 min
Lab File: VU027208.D
Acq: 27 Sep 2018 03:54

Tgt Ion: 43 Resp: 9150
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#

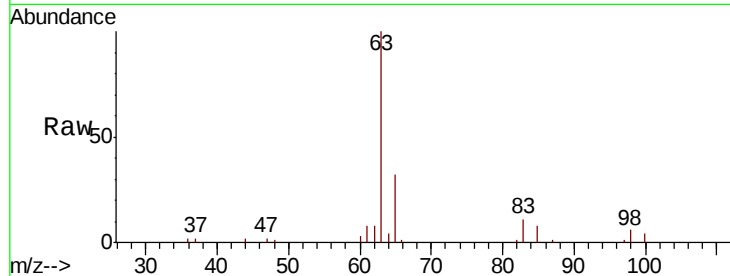




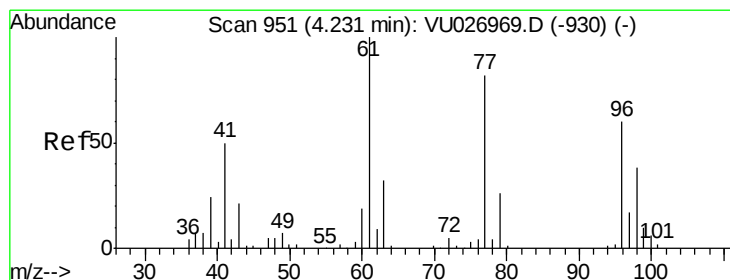
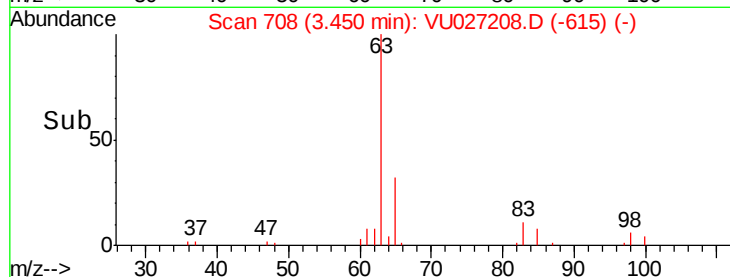
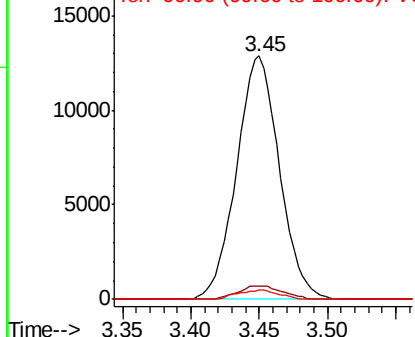
#24
 1,1-Dichloroethane
 Concen: 7.798 ug/l
 RT: 3.45 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: VU027208.D
 Acq: 27 Sep 2018 03:54

Instrument :
 MSVOA_U
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Tgt Ion: 63 Resp: 28000
 Ion Ratio Lower Upper
 63 100
 98 5.5 3.3 9.8
 100 4.1 2.0 5.8

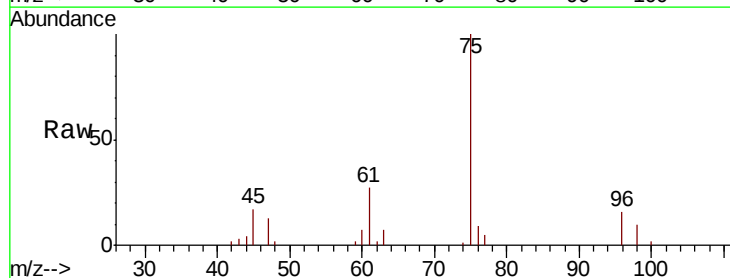


Abundance Ion 62.90 (62.60 to 63.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0
 Ion 99.90 (99.60 to 100.60): VU0

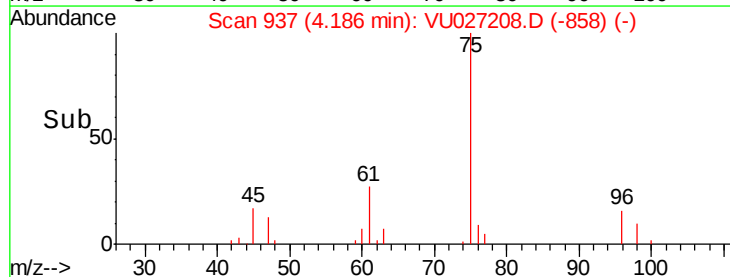
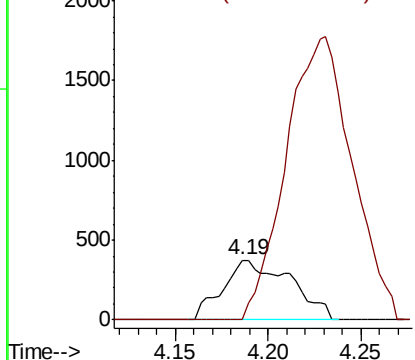


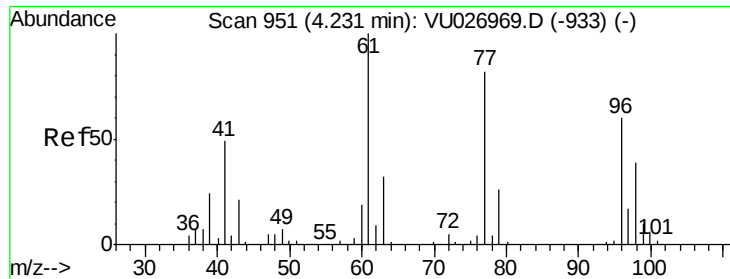
#26
 2,2-Dichloropropane
 Concen: 0.342 ug/l
 RT: 4.19 min Scan# 937
 Delta R.T. -0.04 min
 Lab File: VU027208.D
 Acq: 27 Sep 2018 03:54

Tgt Ion: 77 Resp: 958
 Ion Ratio Lower Upper
 77 100
 97 0.0 10.5 31.5#



Abundance Ion 76.90 (76.60 to 77.60): VU0
 Ion 96.90 (96.60 to 97.60): VU0



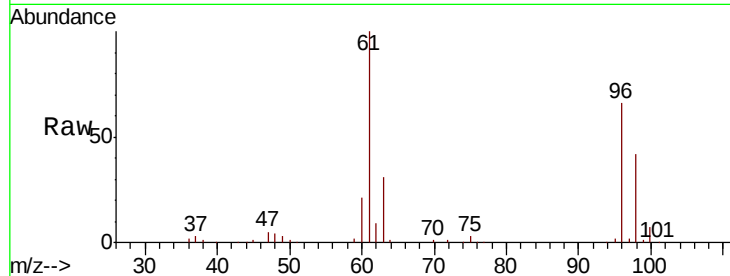


#27

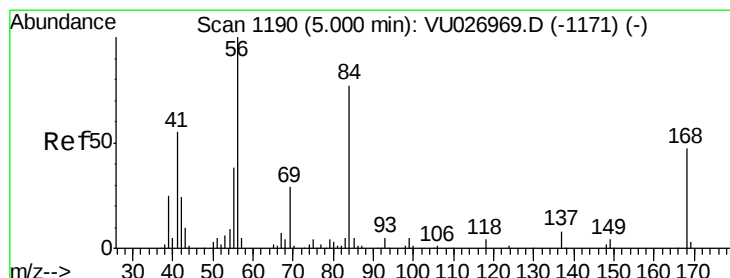
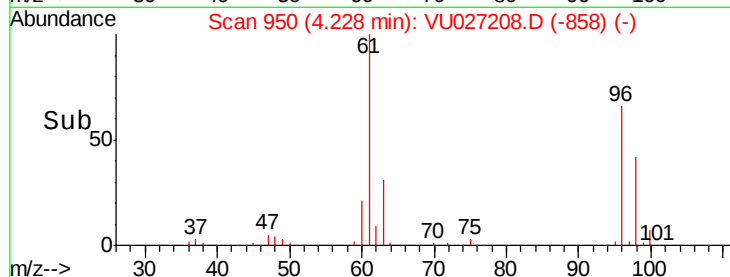
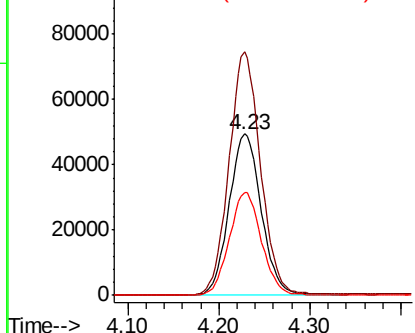
cis-1,2-Dichloroethene
 Concen: 67.217 ug/l
 RT: 4.23 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: VU027208.D
 Acq: 27 Sep 2018 03:54

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-123-SEP18

Tgt Ion: 96 Resp: 121796
 Ion Ratio Lower Upper
 96 100
 61 147.0 0.0 337.2
 98 63.7 0.0 127.6



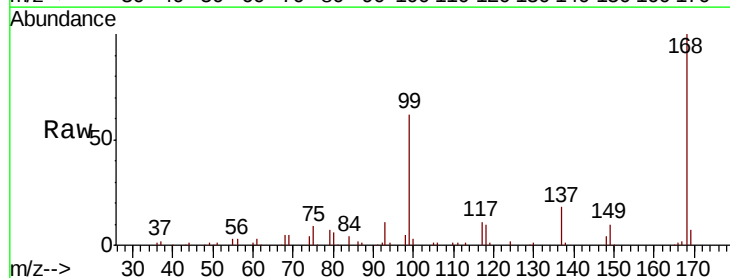
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



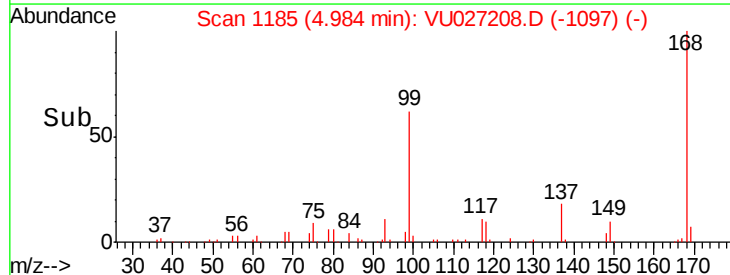
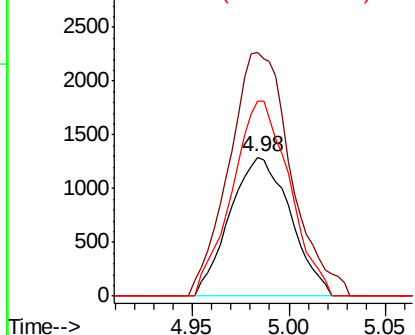
#31

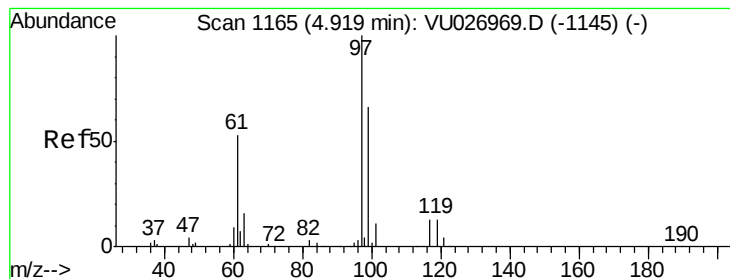
Cyclohexane
 Concen: 0.292 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: VU027208.D
 Acq: 27 Sep 2018 03:54

Tgt Ion: 56 Resp: 2818
 Ion Ratio Lower Upper
 56 100
 69 175.4 23.0 34.4#
 84 140.9 61.4 92.2#



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





#32

1,1,1-Trichloroethane

Concen: 1.326 ug/l

RT: 4.92 min Scan# 1164

Delta R.T. -0.00 min

Lab File: VU027208.D

Acq: 27 Sep 2018 03:54

Instrument :

MSVOA_U

ClientSampleId :

MW-123-SEP18

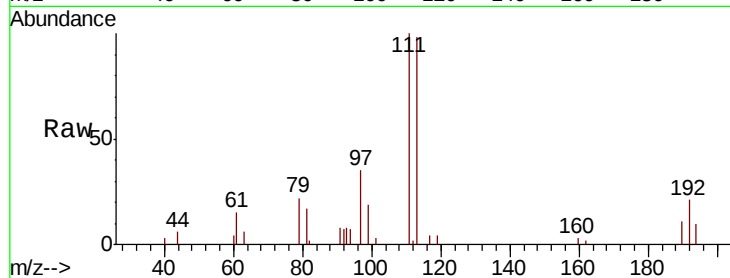
Tgt Ion: 97 Resp: 3528

Ion Ratio Lower Upper

97 100

99 0.0 51.8 77.6#

61 48.8 41.1 61.7

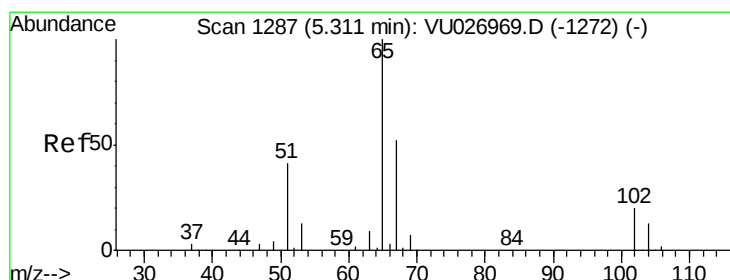
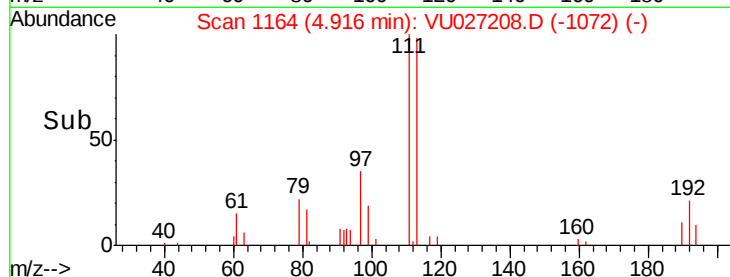
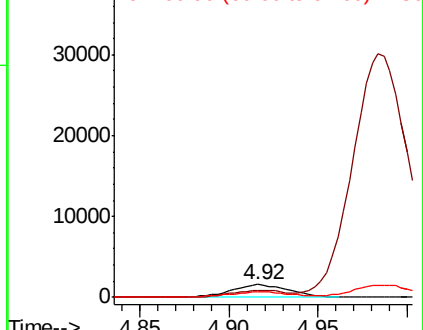


Abundance

Ion 96.90 (96.60 to 97.60): VU0

Ion 98.90 (98.60 to 99.60): VU0

Ion 60.90 (60.60 to 61.60): VU0



#33

1,2-Dichloroethane-d4

Concen: 47.881 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027208.D

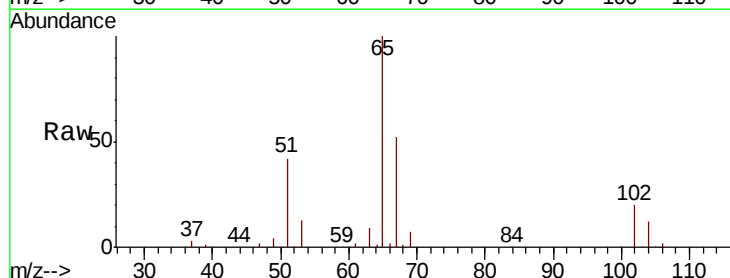
Acq: 27 Sep 2018 03:54

Tgt Ion: 65 Resp: 104856

Ion Ratio Lower Upper

65 100

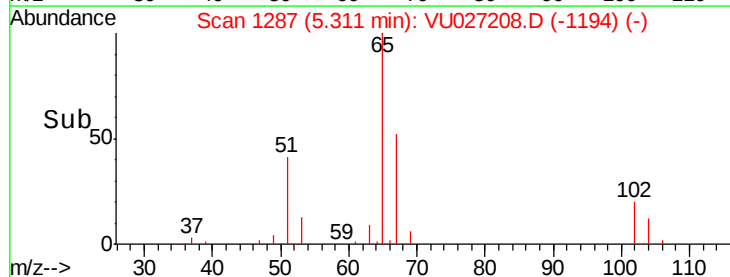
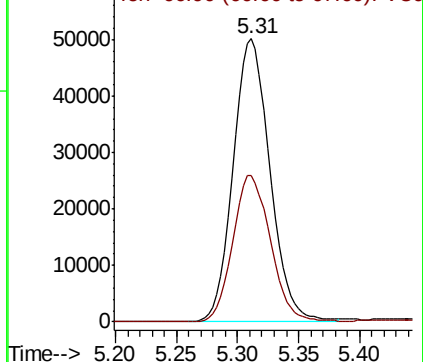
67 53.0 0.0 105.6

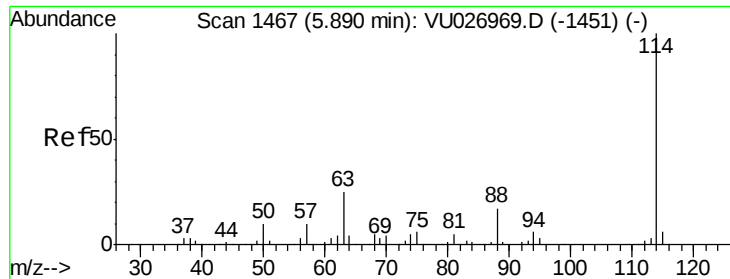


Abundance

Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

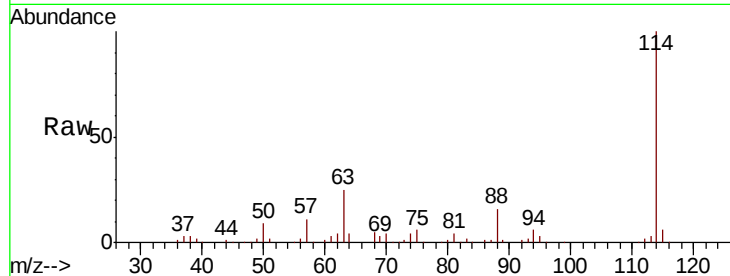




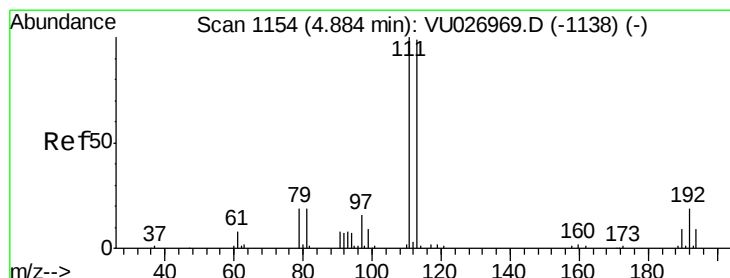
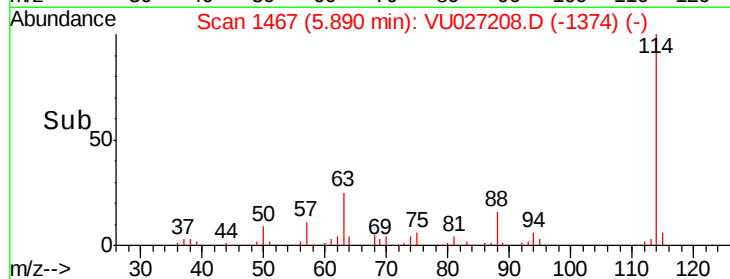
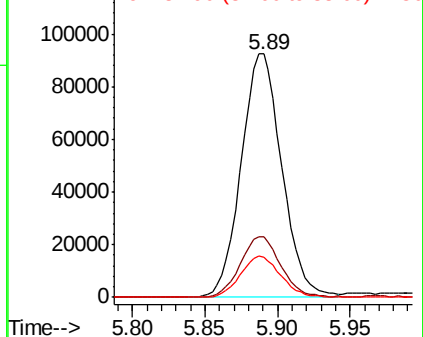
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027208.D
 Acq: 27 Sep 2018 03:54

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-123-SEP18

Tgt Ion:114 Resp: 180569
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 49.2
 88 16.5 0.0 33.8

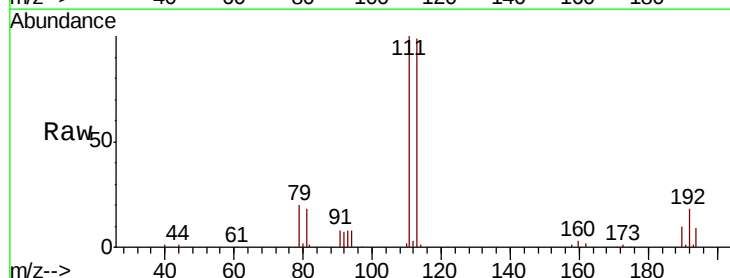


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

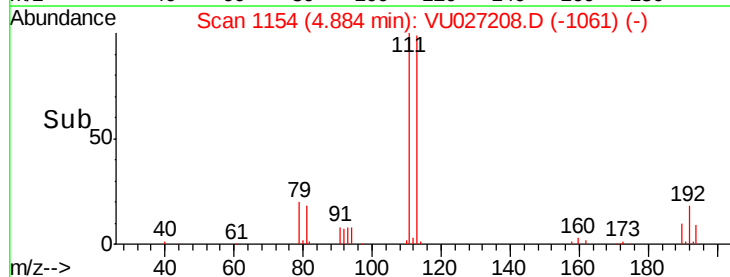
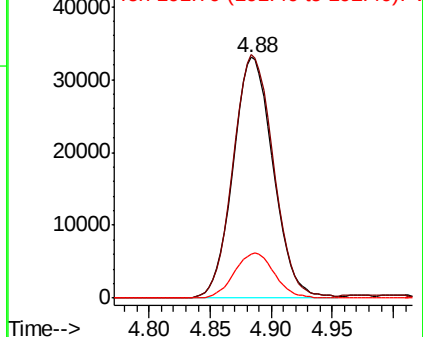


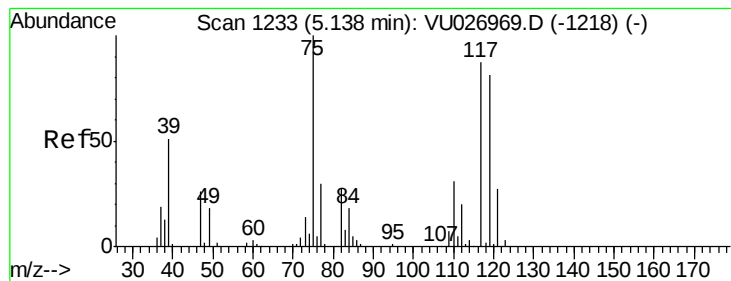
#35
 Dibromofluoromethane
 Concen: 48.102 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027208.D
 Acq: 27 Sep 2018 03:54

Tgt Ion:113 Resp: 75288
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.2 123.4
 192 18.8 15.2 22.8



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: 4.145 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU027208.D

Acq: 27 Sep 2018 03:54

Instrument :

MSVOA_U

ClientSampleId :

MW-123-SEP18

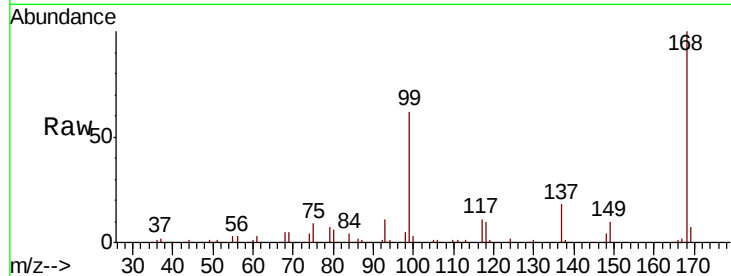
Tgt Ion: 75 Resp: 9988

Ion Ratio Lower Upper

75 100

110 7.4 16.1 48.2#

77 0.0 24.6 36.8#

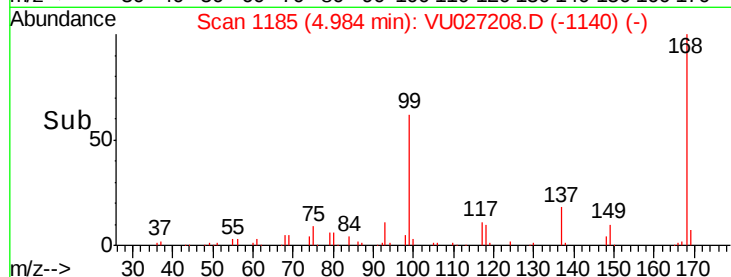


Abundance Ion 74.90 (74.60 to 75.60): VU026969.D (-1218) (-)

Ion 109.90 (109.60 to 110.60): VU026969.D (-1218) (-)

Ion 76.90 (76.60 to 77.60): VU026969.D (-1218) (-)

Time-->



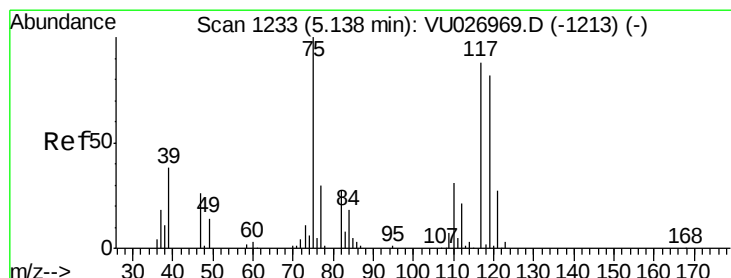
Abundance

Ion 74.90 (74.60 to 75.60): VU026969.D (-1218) (-)

Ion 109.90 (109.60 to 110.60): VU026969.D (-1218) (-)

Ion 76.90 (76.60 to 77.60): VU026969.D (-1218) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 4.929 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.15 min

Lab File: VU027208.D

Acq: 27 Sep 2018 03:54

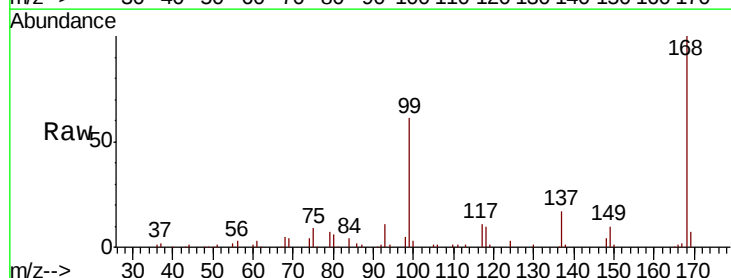
Tgt Ion: 117 Resp: 11303

Ion Ratio Lower Upper

117 100

119 4.9 74.4 111.6#

121 0.0 24.2 36.4#

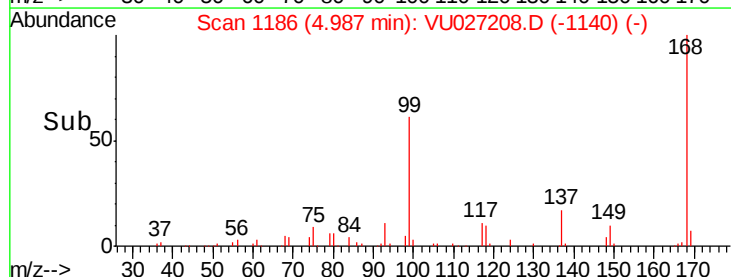


Abundance Ion 116.80 (116.50 to 117.50): VU026969.D (-1213) (-)

Ion 118.80 (118.50 to 119.50): VU026969.D (-1213) (-)

Ion 120.80 (120.50 to 121.50): VU026969.D (-1213) (-)

Time-->



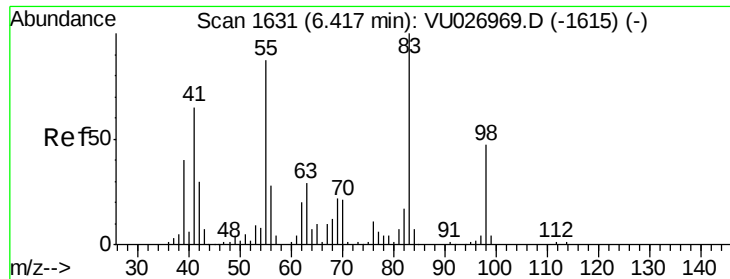
Abundance

Ion 116.80 (116.50 to 117.50): VU026969.D (-1213) (-)

Ion 118.80 (118.50 to 119.50): VU026969.D (-1213) (-)

Ion 120.80 (120.50 to 121.50): VU026969.D (-1213) (-)

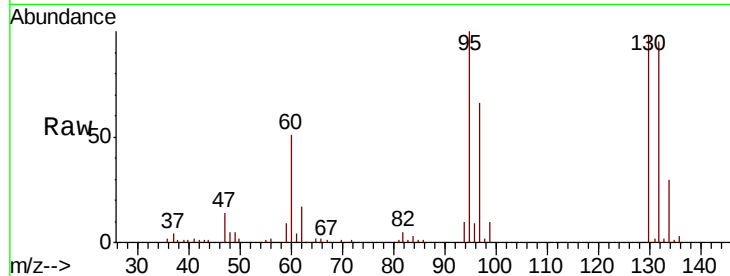
Time-->



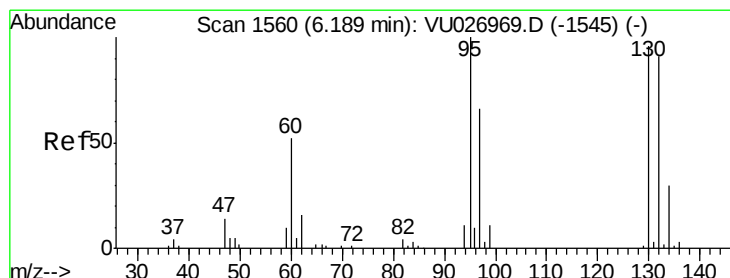
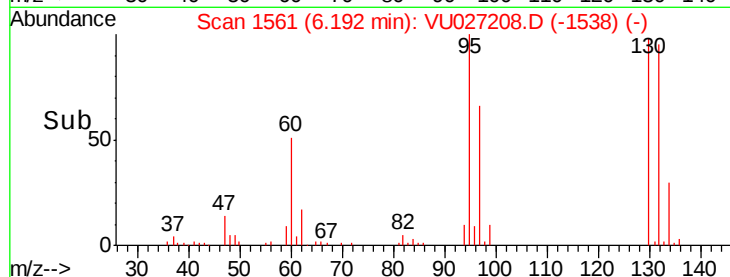
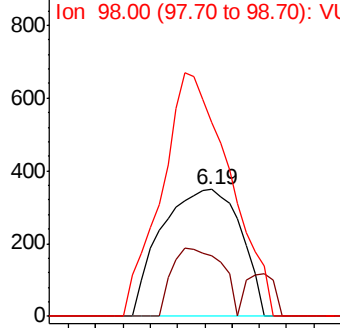
#39
Methylcyclohexane
Concen: 0.269 ug/l
RT: 6.19 min Scan# 1561
Delta R.T. -0.22 min
Lab File: VU027208.D
Acq: 27 Sep 2018 03:54

Instrument :
MSVOA_U
ClientSampleId :
MW-123-SEP18

Tgt Ion: 83 Resp: 705
Ion Ratio Lower Upper
83 100
55 47.9 69.9 104.9#
98 153.0 37.5 56.3#

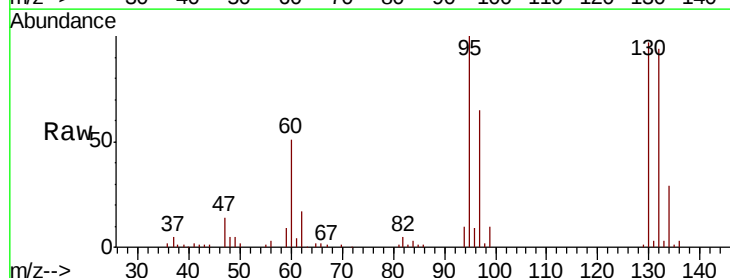


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

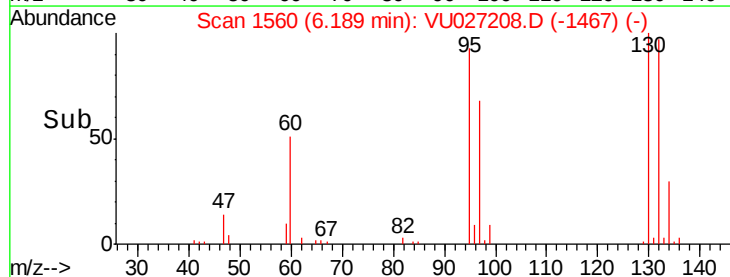
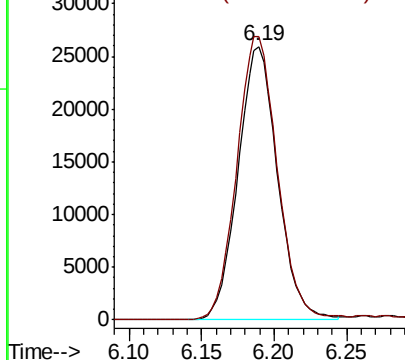


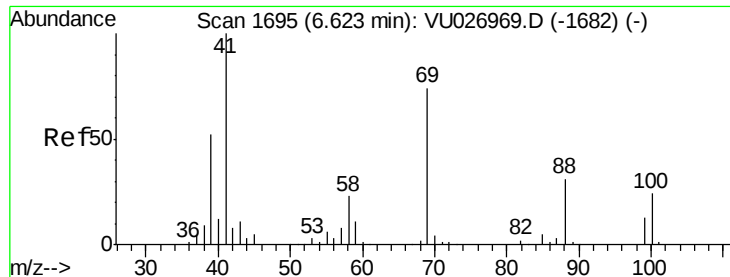
#44
Trichloroethene
Concen: 31.551 ug/l
RT: 6.19 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VU027208.D
Acq: 27 Sep 2018 03:54

Tgt Ion: 130 Resp: 49209
Ion Ratio Lower Upper
130 100
95 103.4 0.0 208.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VU0

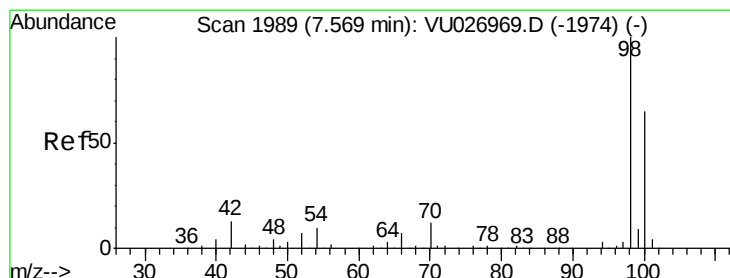
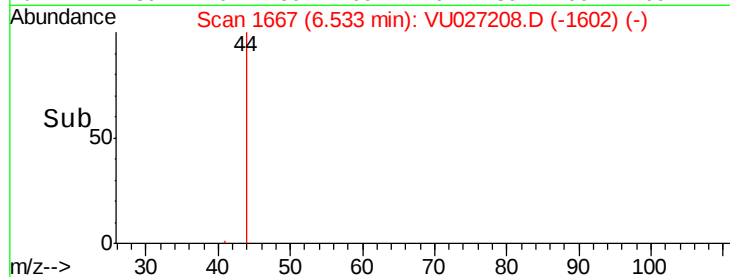
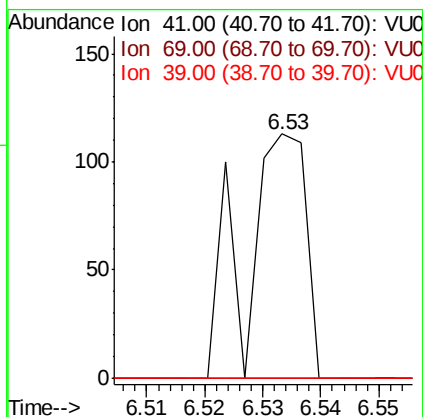
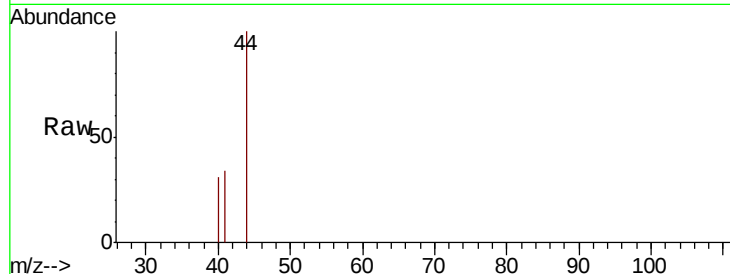




#48
Methyl methacrylate
Concen: 1.043 ug/l
RT: 6.53 min Scan# 1667
Delta R.T. -0.09 min
Lab File: VU027208.D
Acq: 27 Sep 2018 03:54

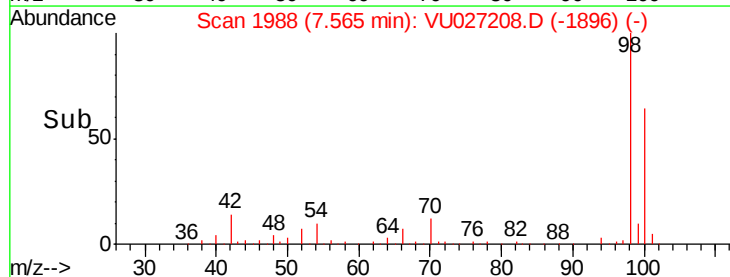
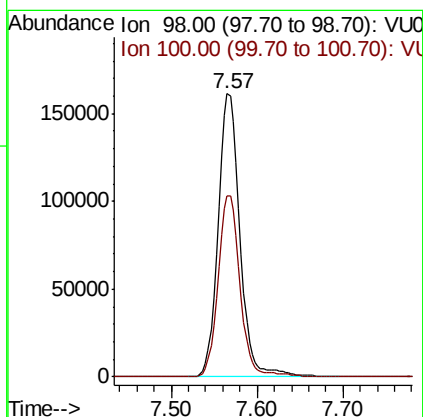
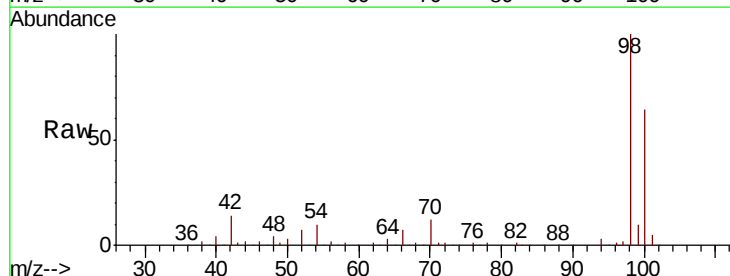
Instrument :
MSVOA_U
ClientSampleId :
MW-123-SEP18

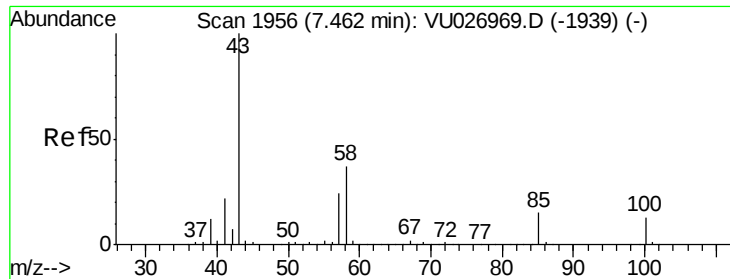
Tgt Ion: 41 Resp: 82
Ion Ratio Lower Upper
41 100
69 0.0 60.6 90.8#
39 0.0 42.8 64.2#



#50
Toluene-d8
Concen: 47.762 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027208.D
Acq: 27 Sep 2018 03:54

Tgt Ion: 98 Resp: 284899
Ion Ratio Lower Upper
98 100
100 64.6 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 0.764 ug/l

RT: 7.47 min Scan# 1957

Delta R.T. 0.00 min

Lab File: VU027208.D

Acq: 27 Sep 2018 03:54

Instrument :

MSVOA_U

ClientSampleId :

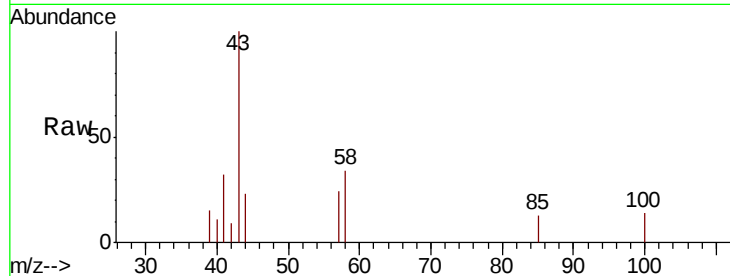
MW-123-SEP18

Tgt Ion: 43 Resp: 2444

Ion Ratio Lower Upper

43 100

58 29.5 29.8 44.6#



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-1939) (-)

Ion 58.00 (57.70 to 58.70): VU026969.D (-1939) (-)

7.47

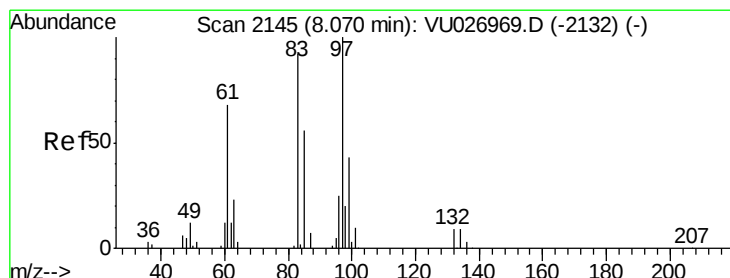
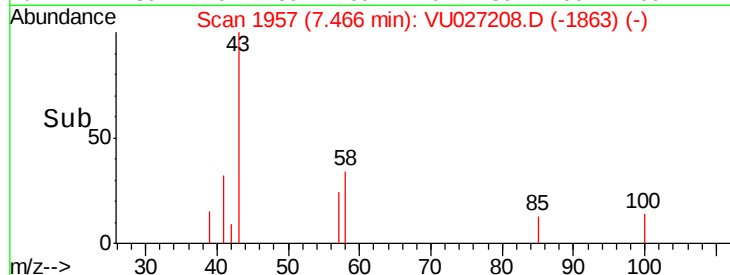
1500

1000

500

0

Time-->



#55

1,1,2-Trichloroethane

Concen: 0.306 ug/l

RT: 8.22 min Scan# 2193

Delta R.T. 0.15 min

Lab File: VU027208.D

Acq: 27 Sep 2018 03:54

Tgt Ion: 97 Resp: 544

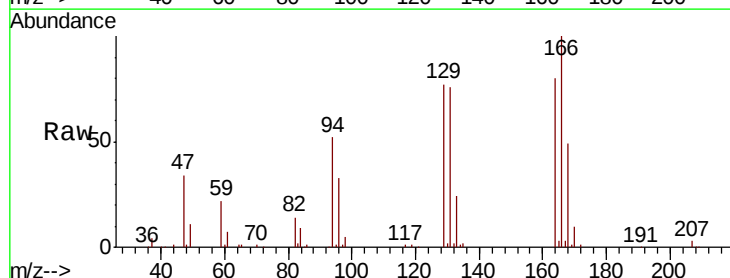
Ion Ratio Lower Upper

97 100

83 176.2 73.1 109.7#

85 33.2 46.7 70.1#

99 0.0 50.0 75.0#



Abundance Ion 96.90 (96.60 to 97.60): VU026969.D (-2132) (-)

Ion 82.90 (82.60 to 83.60): VU026969.D (-2132) (-)

Ion 84.90 (84.60 to 85.60): VU026969.D (-2132) (-)

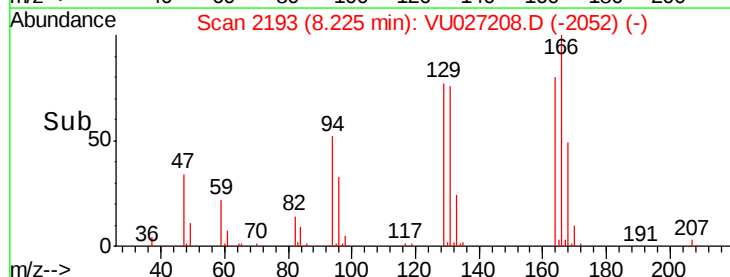
Ion 98.90 (98.60 to 99.60): VU026969.D (-2132) (-)

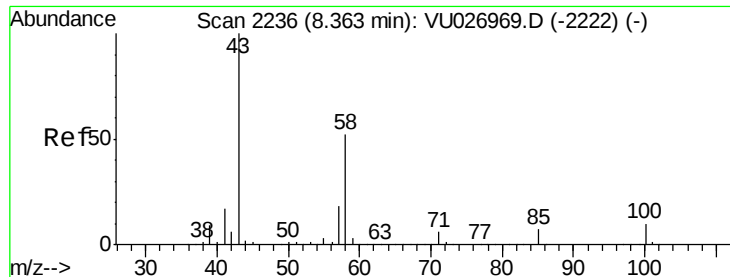
1000

500

0

Time-->

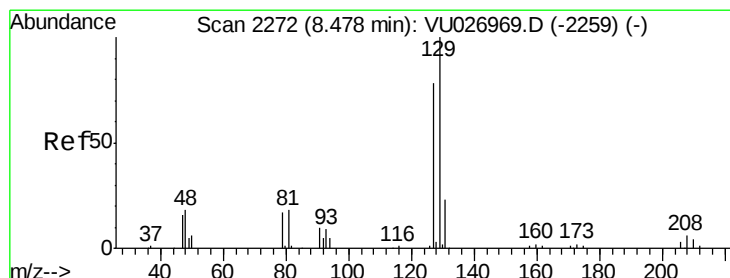
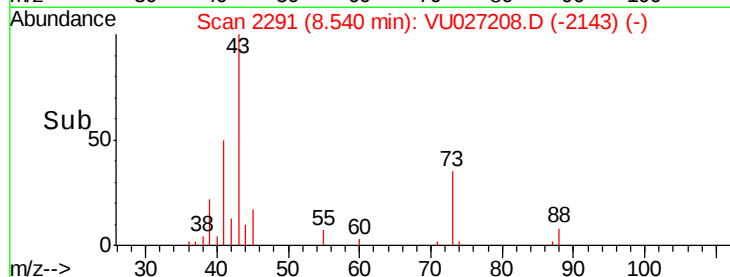
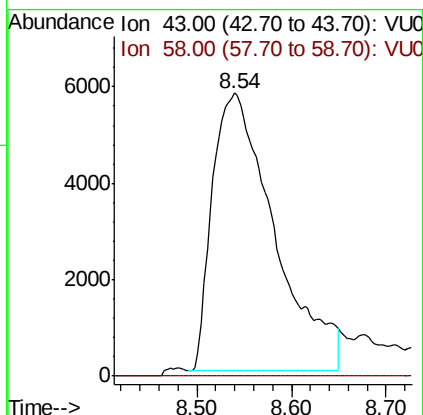
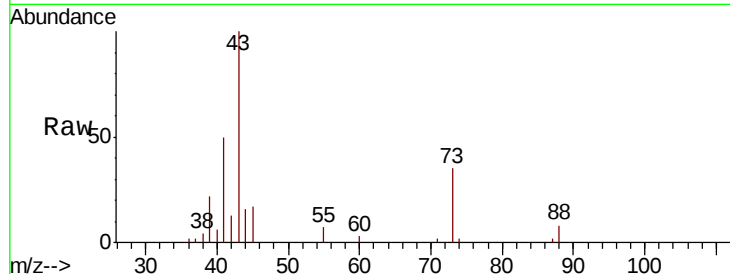




#59
2-Hexanone
Concen: 10.494 ug/l
RT: 8.54 min Scan# 2291
Delta R.T. 0.18 min
Lab File: VU027208.D
Acq: 27 Sep 2018 03:54

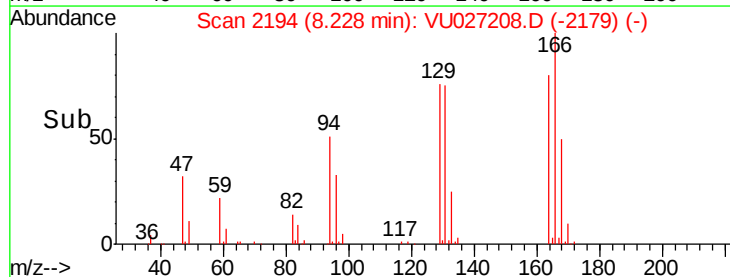
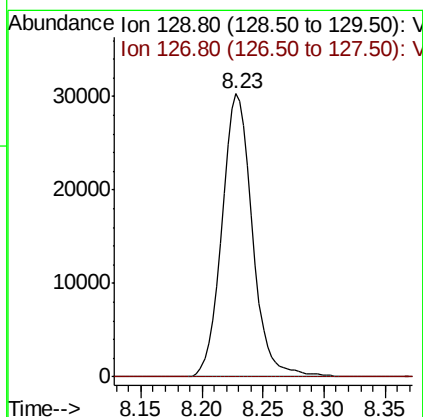
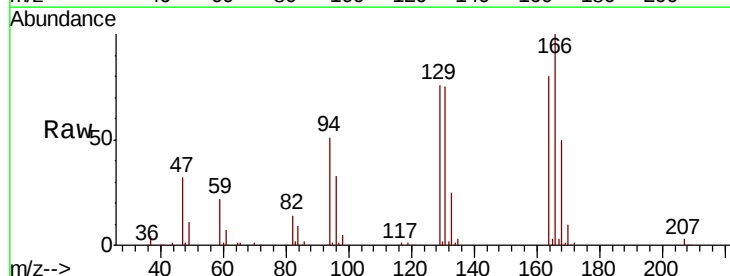
Instrument :
MSVOA_U
ClientSampleId :
MW-123-SEP18

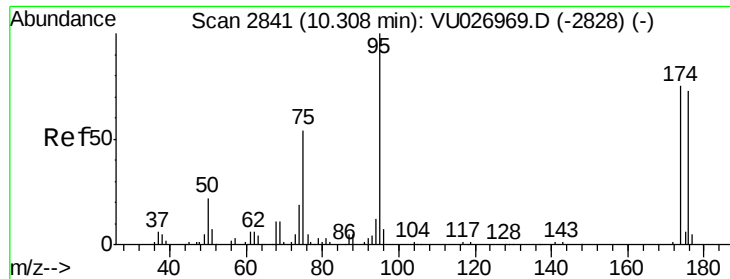
Tgt Ion: 43 Resp: 26285
Ion Ratio Lower Upper
43 100
58 0.0 26.1 78.2#



#60
Dibromochloromethane
Concen: 30.476 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. -0.25 min
Lab File: VU027208.D
Acq: 27 Sep 2018 03:54

Tgt Ion: 129 Resp: 53192
Ion Ratio Lower Upper
129 100
127 0.0 38.1 114.5#

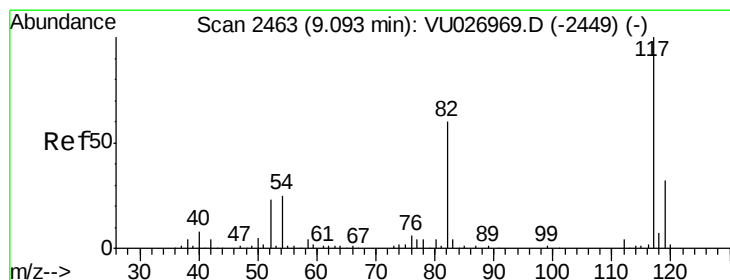
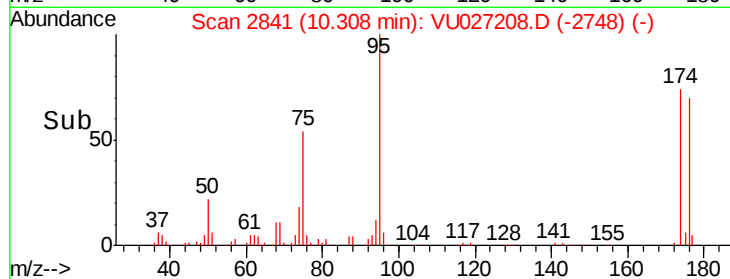
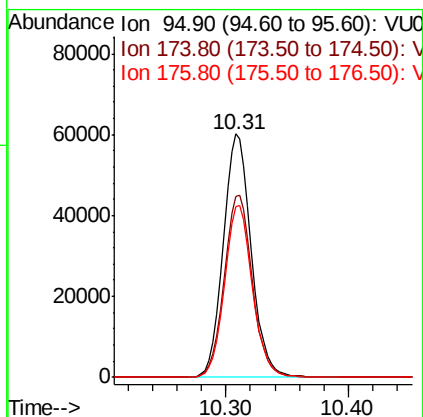
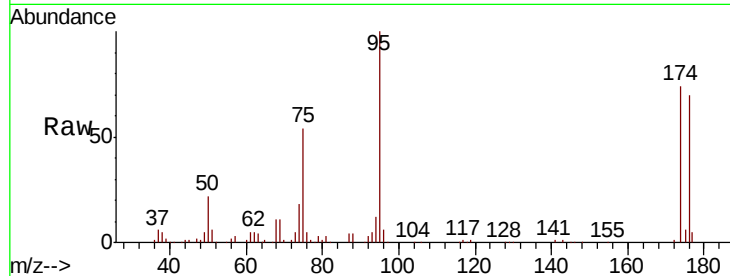




#62
 4-Bromofluorobenzene
 Concen: 47.144 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027208.D
 Acq: 27 Sep 2018 03:54

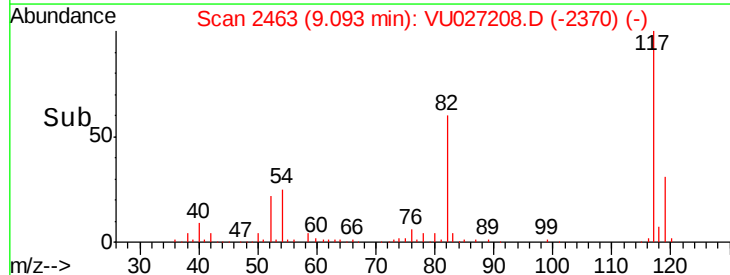
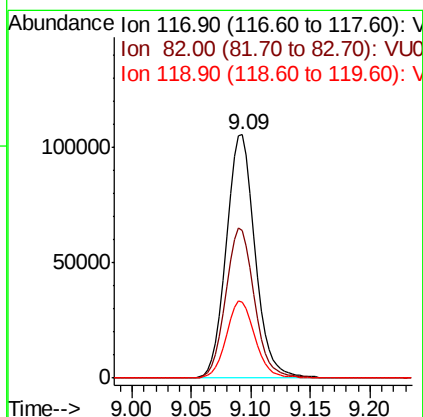
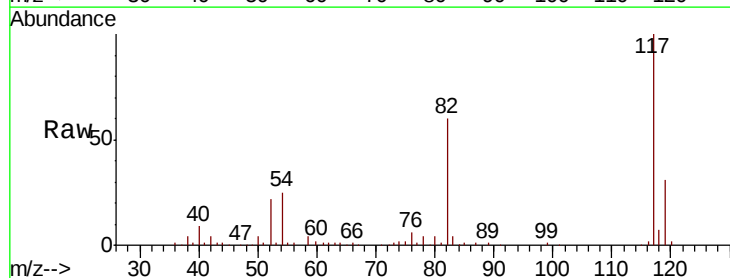
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-123-SEP18

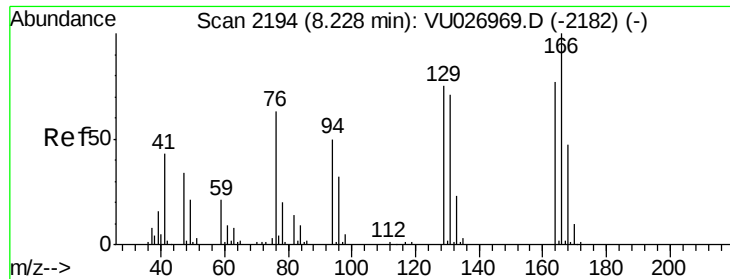
Tgt Ion: 95 Resp: 96492
 Ion Ratio Lower Upper
 95 100
 174 75.4 0.0 150.2
 176 70.7 0.0 145.2



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: VU027208.D
 Acq: 27 Sep 2018 03:54

Tgt Ion: 117 Resp: 177334
 Ion Ratio Lower Upper
 117 100
 82 60.4 48.0 72.0
 119 31.4 25.8 38.8

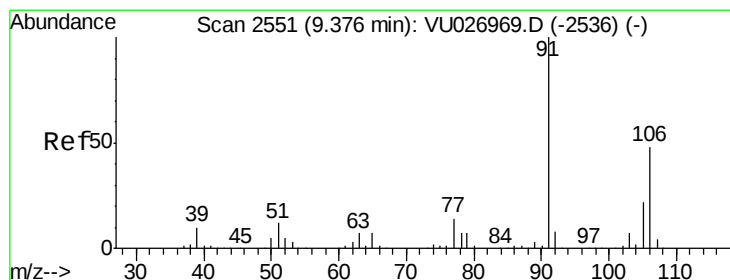
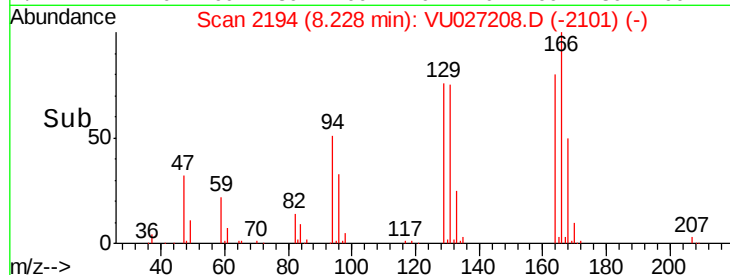
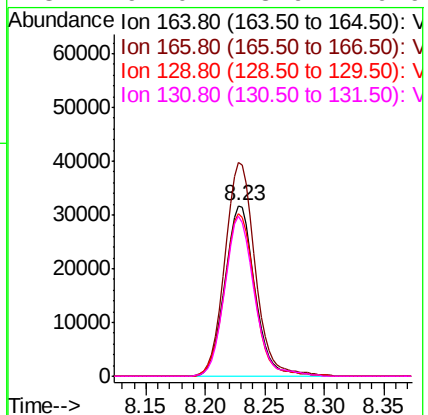
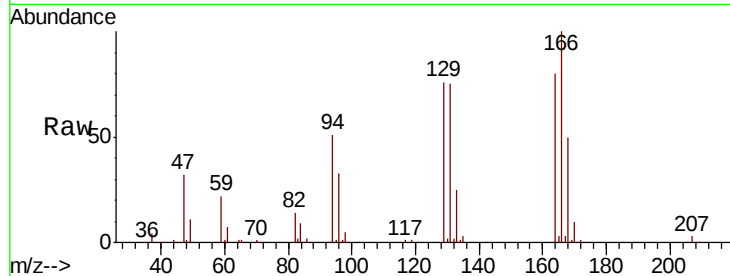




#64
Tetrachloroethene
Concen: 40.667 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027208.D
Acq: 27 Sep 2018 03:54

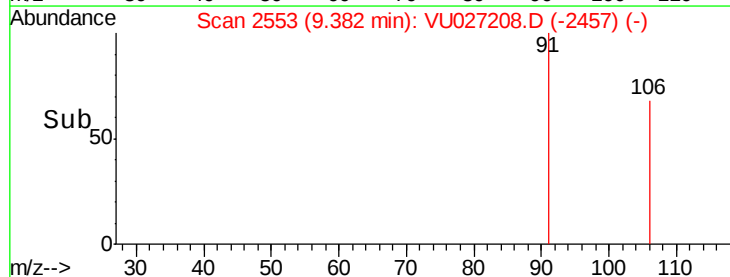
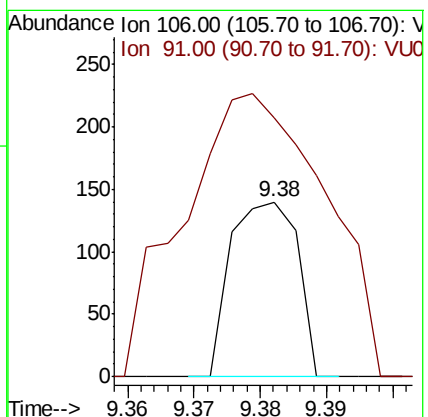
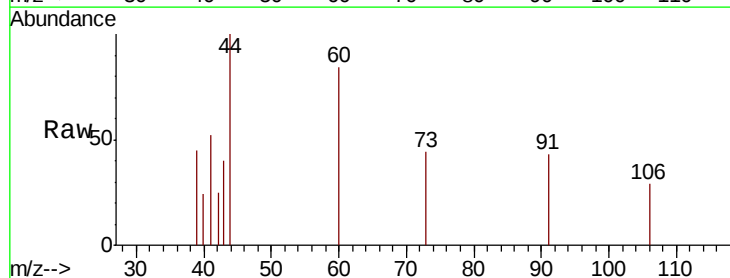
Instrument :
MSVOA_U
ClientSampleId :
MW-123-SEP18

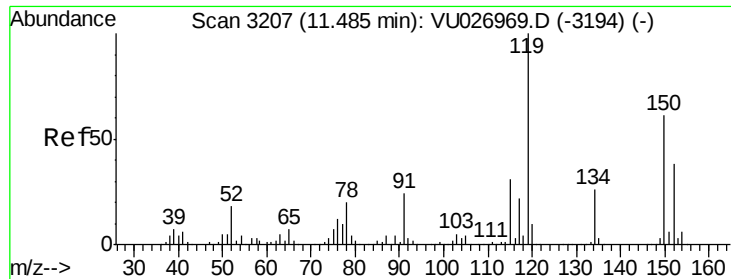
Tgt Ion:164 Resp: 55571
Ion Ratio Lower Upper
164 100
166 125.0 104.4 156.6
129 95.3 78.7 118.1
131 94.0 73.9 110.9



#68
m/p-Xylenes
Concen: 1.532 ug/l
RT: 9.38 min Scan# 2553
Delta R.T. 0.01 min
Lab File: VU027208.D
Acq: 27 Sep 2018 03:54

Tgt Ion:106 Resp: 98
Ion Ratio Lower Upper
106 100
91 344.9 166.5 249.7#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027208.D

Acq: 27 Sep 2018 03:54

Instrument :

MSVOA_U

ClientSampleId :

MW-123-SEP18

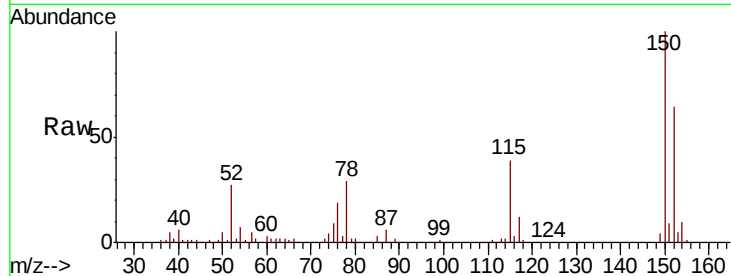
Tgt Ion:152 Resp: 80433

Ion Ratio Lower Upper

152 100

115 62.3 44.9 134.5

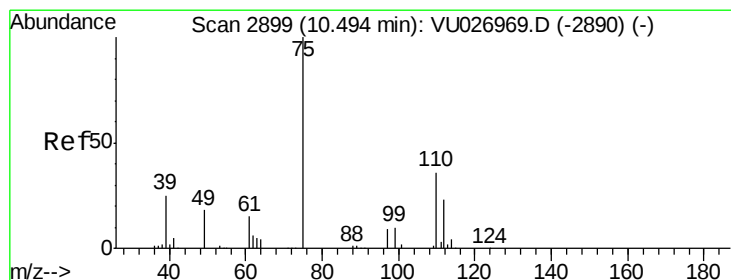
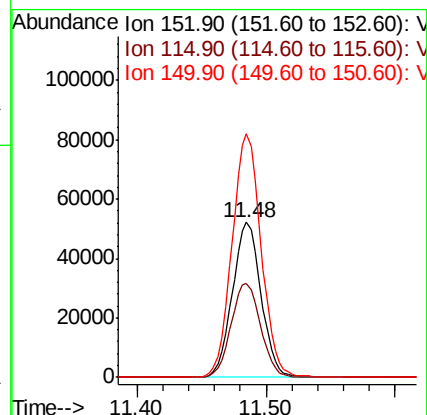
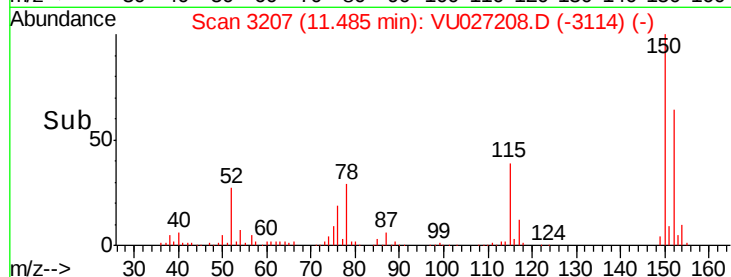
150 159.1 0.0 355.8



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: 20.884 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027208.D

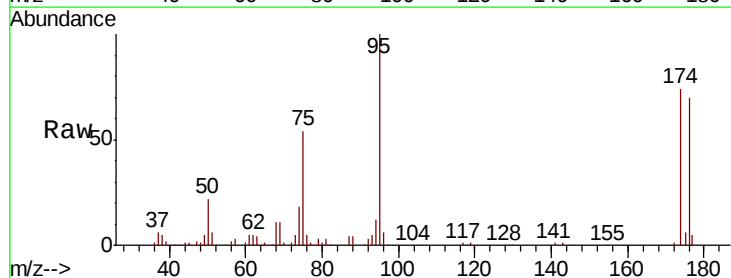
Acq: 27 Sep 2018 03:54

Tgt Ion: 75 Resp: 51030

Ion Ratio Lower Upper

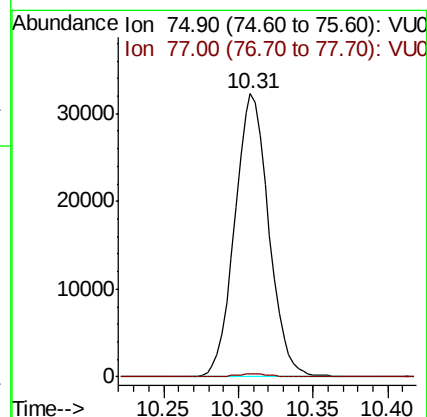
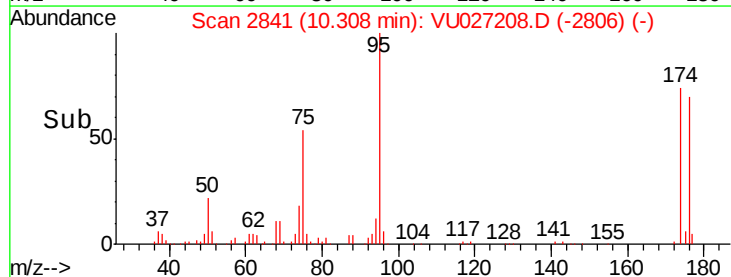
75 100

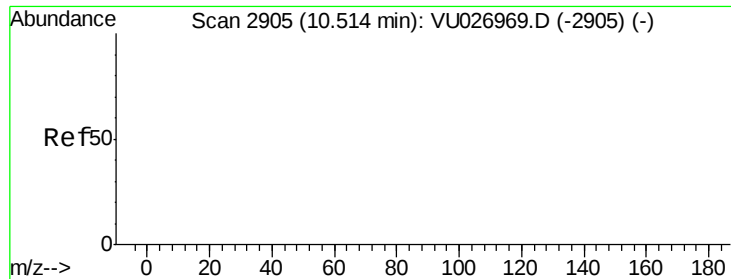
77 1.1 20.9 62.8#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

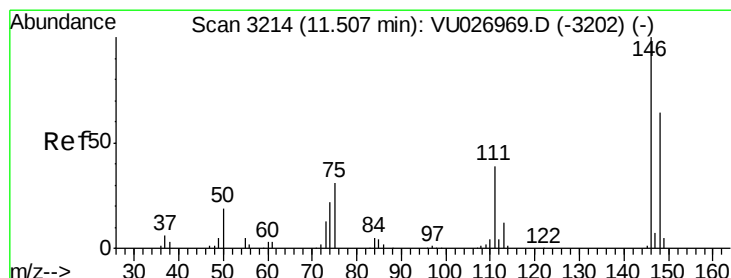
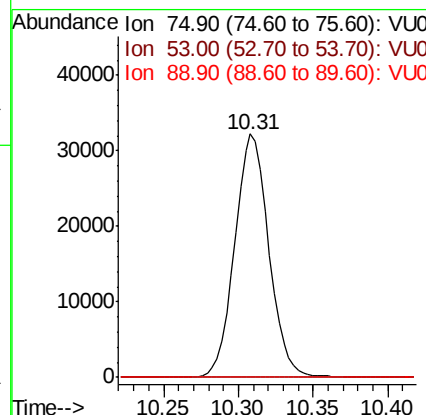
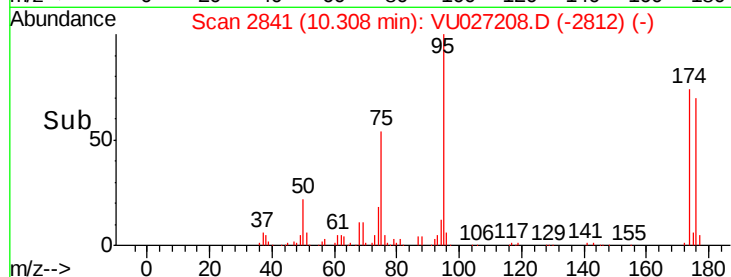
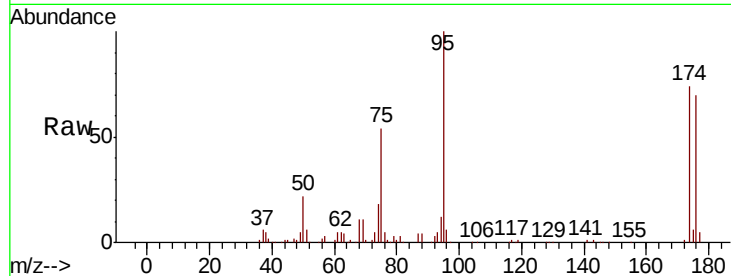




#81
trans-1,4-Dichloro-2-butene
Concen: 66.832 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.21 min
Lab File: VU027208.D
Acq: 27 Sep 2018 03:54

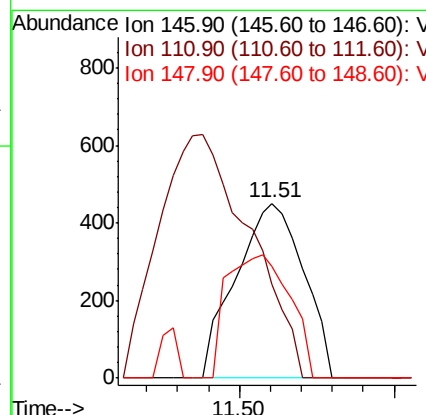
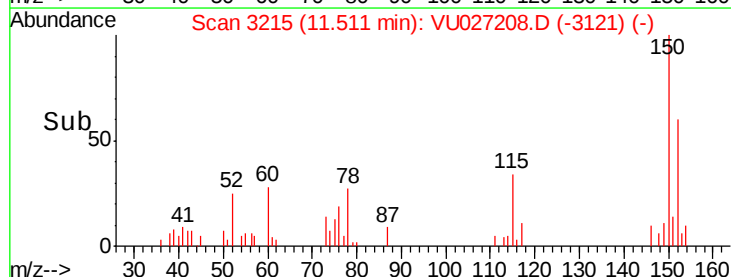
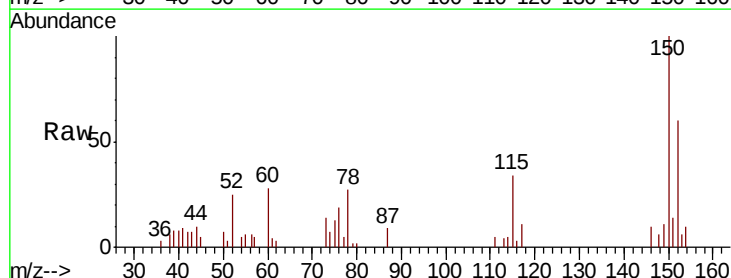
Instrument :
MSVOA_U
ClientSampleId :
MW-123-SEP18

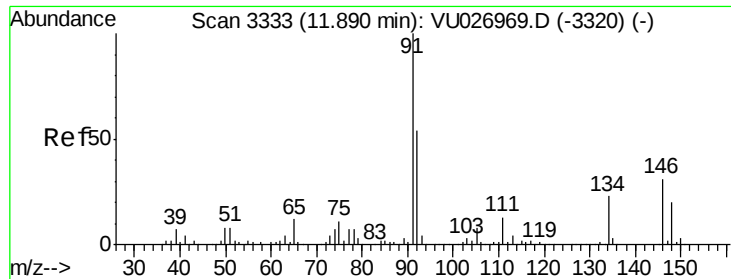
Tgt Ion: 75 Resp: 51030
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#88
1,4-Dichlorobenzene
Concen: 0.226 ug/l
RT: 11.51 min Scan# 3215
Delta R.T. 0.00 min
Lab File: VU027208.D
Acq: 27 Sep 2018 03:54

Tgt Ion: 146 Resp: 684
Ion Ratio Lower Upper
146 100
111 0.0 20.3 60.9#
148 65.8 31.9 95.9

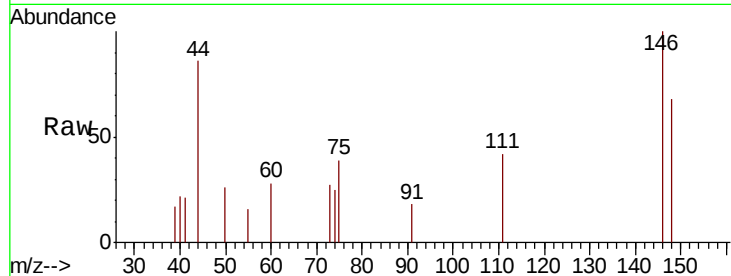




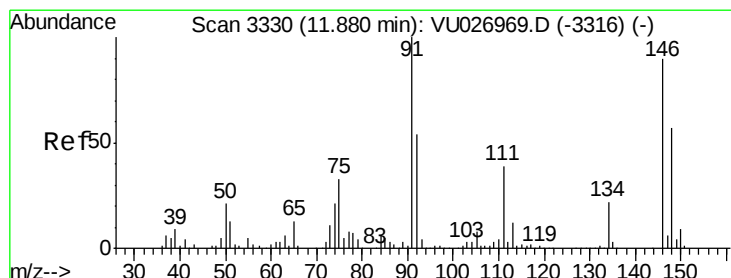
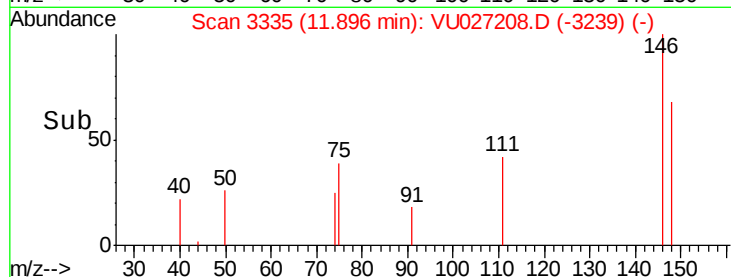
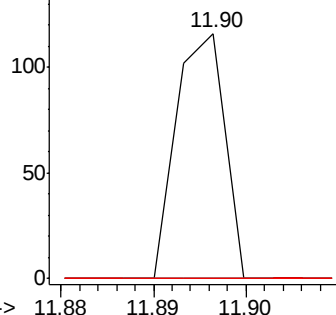
#89
n-Butylbenzene
Concen: 2.400 ug/l
RT: 11.90 min Scan# 3335
Delta R.T. 0.01 min
Lab File: VU027208.D
Acq: 27 Sep 2018 03:54

Instrument :
MSVOA_U
ClientSampleId :
MW-123-SEP18

Tgt Ion: 91 Resp: 42
Ion Ratio Lower Upper
91 100
92 0.0 27.1 81.2#
134 0.0 11.7 35.0#

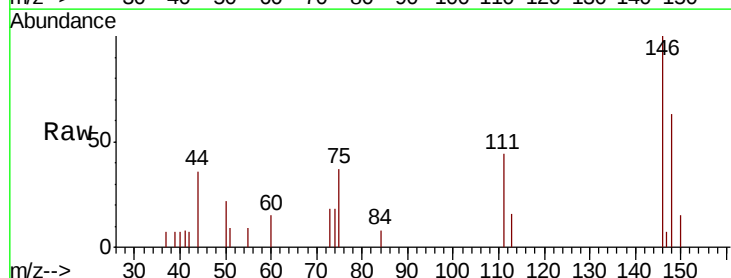


Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 92.00 (91.70 to 92.70): VU0
Ion 134.00 (133.70 to 134.70): V

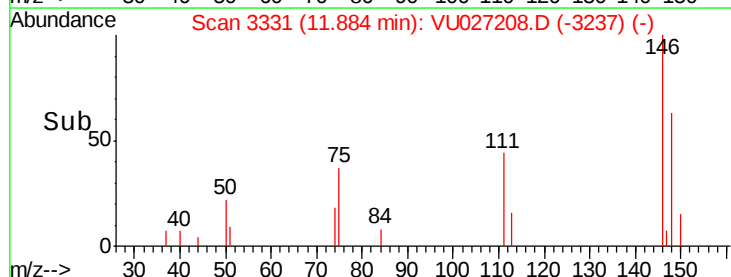
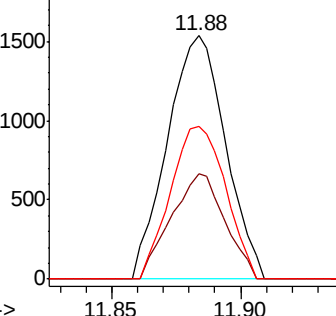


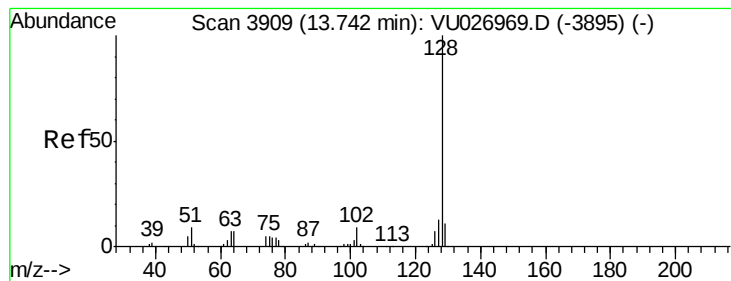
#91
1,2-Dichlorobenzene
Concen: 0.817 ug/l
RT: 11.88 min Scan# 3331
Delta R.T. 0.00 min
Lab File: VU027208.D
Acq: 27 Sep 2018 03:54

Tgt Ion: 146 Resp: 2414
Ion Ratio Lower Upper
146 100
111 40.1 21.8 65.3
148 59.7 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#95

Naphthalene

Concen: 3.180 ug/l

RT: 13.75 min Scan# 3910

Delta R.T. 0.00 min

Lab File: VU027208.D

Acq: 27 Sep 2018 03:54

Instrument :

MSVOA_U

ClientSampleId :

MW-123-SEP18

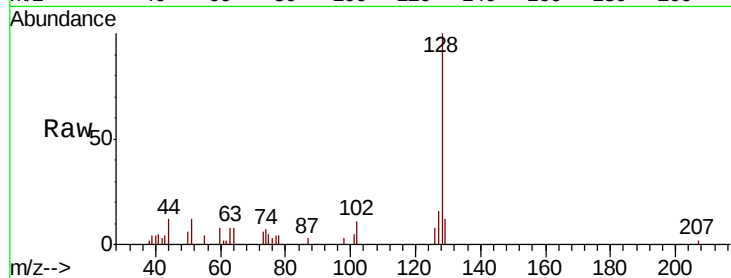
Tgt Ion:128 Resp: 10278

Ion Ratio Lower Upper

128 100

127 14.3 10.6 15.8

129 10.5 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

