

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092618\
 Data File : VU027210.D
 Acq On : 27 Sep 2018 04:40
 Operator : MD/SY
 Sample : J5048-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-150-SEP18

Quant Time: Sep 27 08:08:38 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	106870	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	181477	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	172329	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	84023	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	102550	47.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.36%	
35) Dibromofluoromethane	4.88	113	74042	47.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.14%	
50) Toluene-d8	7.57	98	281365	46.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.86%	
62) 4-Bromofluorobenzene	10.31	95	96893	47.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.20%	

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.43	85	6071	4.351	ug/l	96
4) Vinyl Chloride	1.40	62	381134	169.725	ug/l	100
7) Trichlorofluoromethane	2.09	101	2049	0.803	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.29	101	96926	61.807	ug/l	98
11) Tert butyl alcohol	2.83	59	507	1.028	ug/l #	72
12) 1,1-Dichloroethene	2.29	96	36727	24.882	ug/l	97
13) Acrolein	2.18	56	200	0.753	ug/l #	35
16) Acetone	2.32	43	5973	Below Cal		89
17) Carbon Disulfide	2.49	76	1858	0.386	ug/l #	75
18) Methyl Acetate	2.72	43	672	0.220	ug/l #	55
20) Methylene Chloride	2.70	84	1757	0.912	ug/l	92
21) trans-1,2-Dichloroethene	2.98	96	33456	21.230	ug/l	97
24) 1,1-Dichloroethane	3.45	63	579287	164.256	ug/l	99
25) 2-Butanone	4.27	43	23842	13.190	ug/l	91
27) cis-1,2-Dichloroethene	4.23	96	1589709	893.236	ug/l	91
28) Bromochloromethane	4.68	49	1287	0.757	ug/l #	23
30) Chloroform	4.68	83	14795	4.519	ug/l	97
31) Cyclohexane	4.99	56	2902	0.334	ug/l #	6
32) 1,1,1-Trichloroethane	4.92	97	93048	35.599	ug/l	99
36) 1,1-Dichloropropene	4.98	75	9609	3.967	ug/l #	49
37) Ethyl Acetate	4.27	43	23842	7.272	ug/l #	70
38) Carbon Tetrachloride	4.98	117	11352	4.925	ug/l #	18
39) Methylcyclohexane	6.41	83	528	0.201	ug/l #	81
44) Trichloroethene	6.19	130	57436	36.642	ug/l	100
48) Methyl methacrylate	6.82	41	64	1.036	ug/l #	17
52) Toluene	7.64	92	9713	2.301	ug/l	98
60) Dibromochloromethane	8.23	129	5102	2.909	ug/l #	11
64) Tetrachloroethene	8.23	164	5397	4.064	ug/l	96
65) Chlorobenzene	9.12	112	5285	1.157	ug/l	99
67) Ethyl Benzene	9.25	91	4180	0.556	ug/l	99
68) m/p-Xylenes	9.38	106	6359	3.559	ug/l	94
69) o-Xylene	9.78	106	14706	5.524	ug/l	97
70) Styrene	9.78	104	886	1.982	ug/l #	1
73) Isopropylbenzene	10.17	105	2997	0.469	ug/l	95

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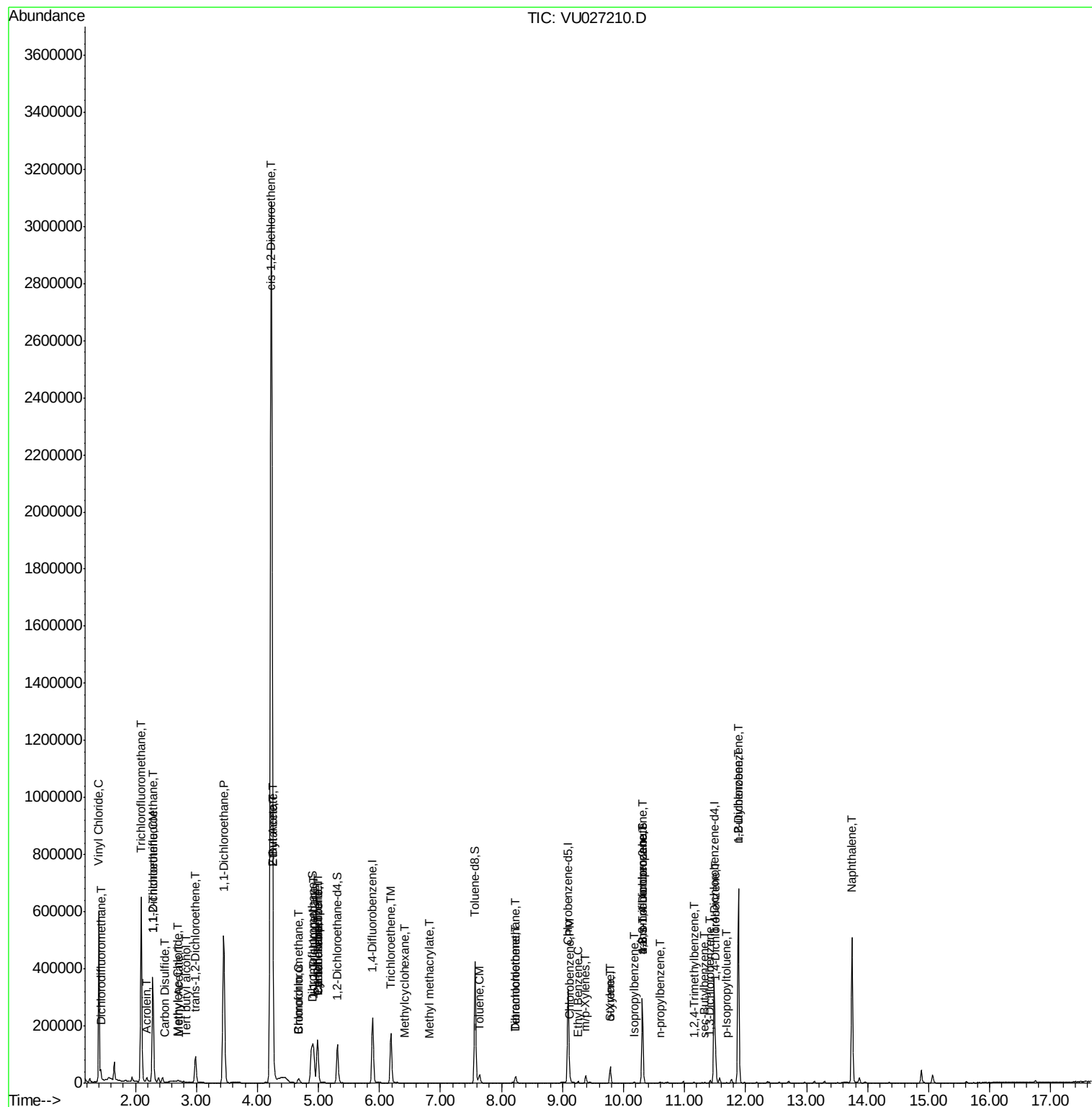
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
76) 1,2,3-Trichloropropane	10.31	75	51613	20.220	ug/l #	36
78) n-propylbenzene	10.59	91	2310	0.305	ug/l	88
81) trans-1,4-Dichloro-2-buten	10.31	75	51613	64.707	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	1748	0.326	ug/l	98
85) sec-Butylbenzene	11.32	105	1732	0.272	ug/l #	78
86) p-Isopropyltoluene	11.69	119	827	1.063	ug/l	87
87) 1,3-Dichlorobenzene	11.42	146	3485	1.199	ug/l	98
88) 1,4-Dichlorobenzene	11.51	146	31742	10.020	ug/l	97
89) n-Butylbenzene	11.89	91	1469	2.634	ug/l #	76
91) 1,2-Dichlorobenzene	11.88	146	252281	81.713	ug/l	99
95) Naphthalene	13.74	128	367738	52.767	ug/l	99

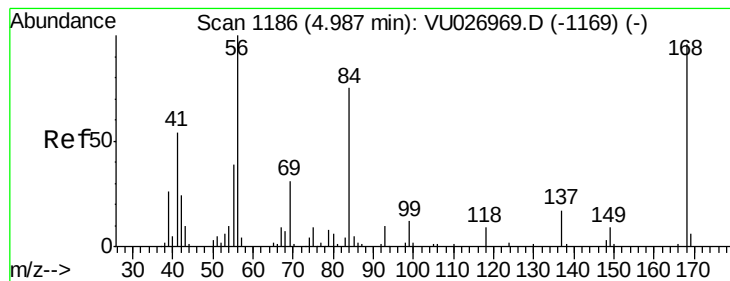
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027210.D

Acq: 27 Sep 2018 04:40

Instrument :

MSVOA_U

ClientSampleId :

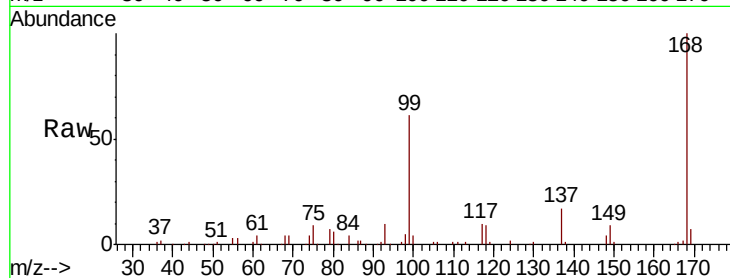
MW-150-SEP18

Tgt Ion:168 Resp: 106870

Ion Ratio Lower Upper

168 100

99 60.1 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) (-)

4.99

50000

40000

30000

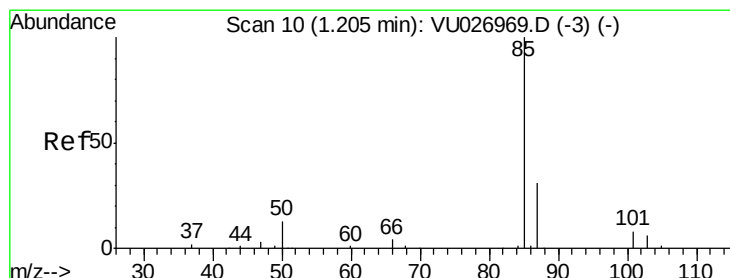
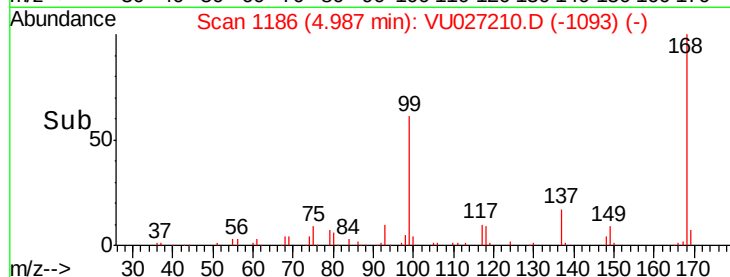
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#2

Dichlorodifluoromethane

Concen: 4.351 ug/l

RT: 1.43 min Scan# 81

Delta R.T. 0.23 min

Lab File: VU027210.D

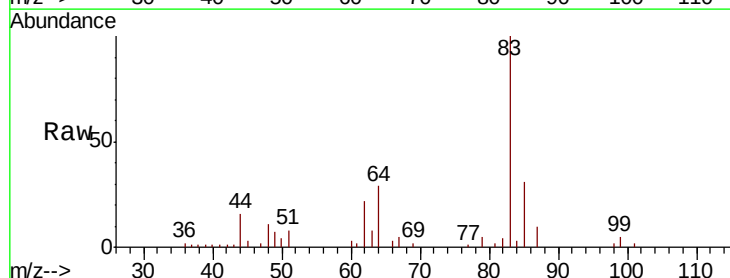
Acq: 27 Sep 2018 04:40

Tgt Ion: 85 Resp: 6071

Ion Ratio Lower Upper

85 100

87 33.2 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) (-)

1.43

6000

5000

4000

3000

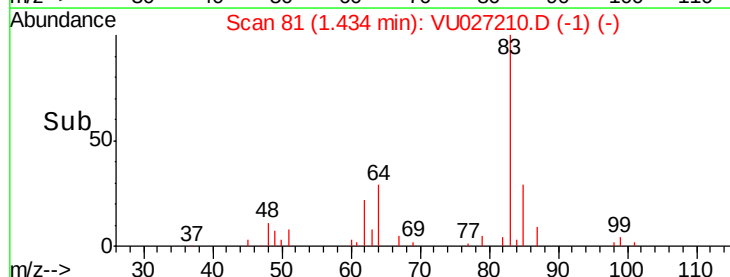
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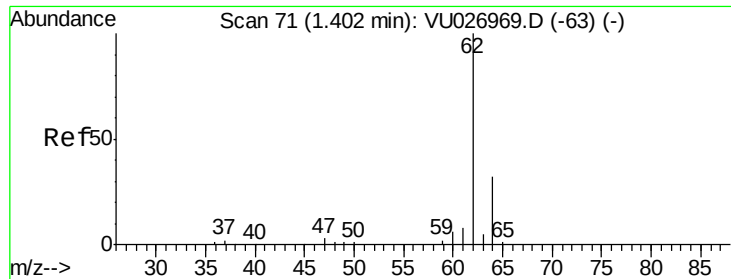
1000

0

1.40 1.45 1.50

Time-->





#4

Vinyl Chloride

Concen: 169.725 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027210.D

Acq: 27 Sep 2018 04:40

Instrument :

MSVOA_U

ClientSampleId :

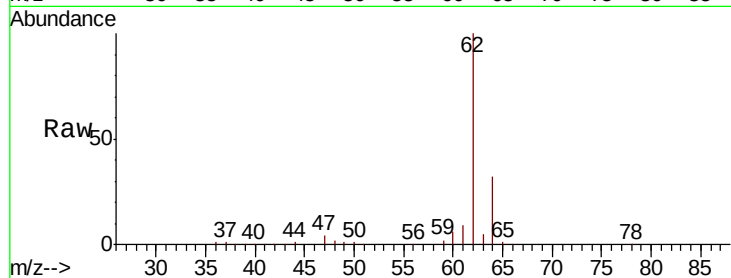
MW-150-SEP18

Tgt Ion: 62 Resp: 381134

Ion Ratio Lower Upper

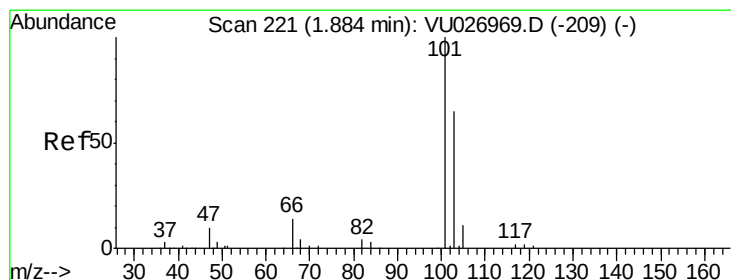
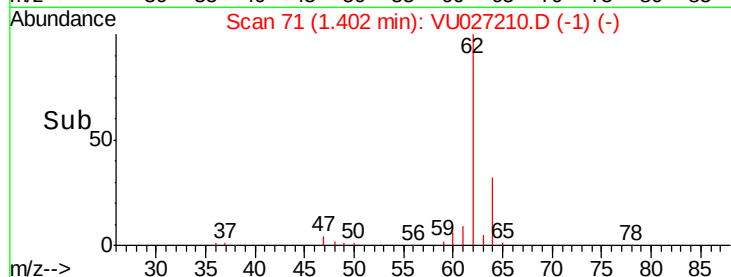
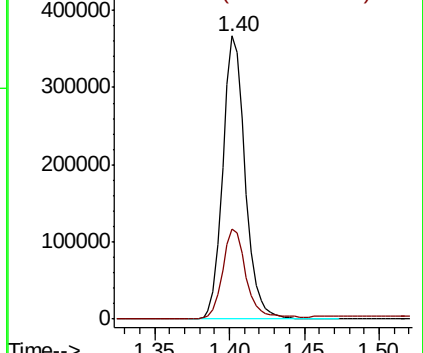
62 100

64 31.6 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VU027210.D (-1) (-)

Ion 63.90 (63.60 to 64.60): VU027210.D (-1) (-)



#7

Trichlorofluoromethane

Concen: 0.803 ug/l

RT: 2.09 min Scan# 286

Delta R.T. 0.21 min

Lab File: VU027210.D

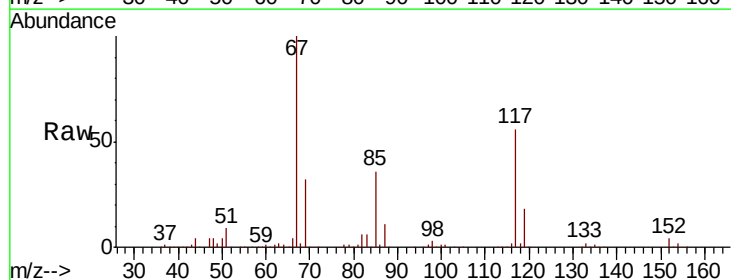
Acq: 27 Sep 2018 04:40

Tgt Ion: 101 Resp: 2049

Ion Ratio Lower Upper

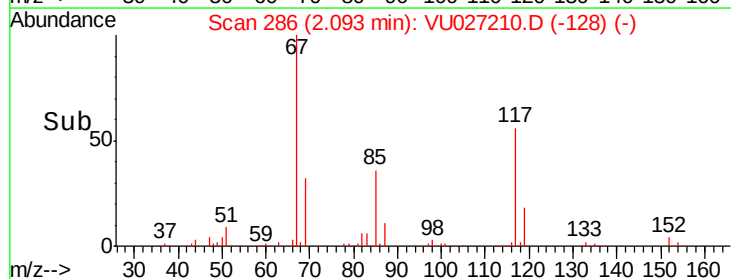
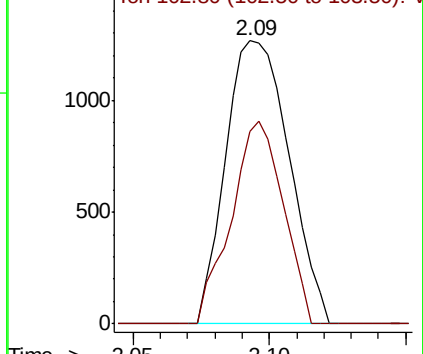
101 100

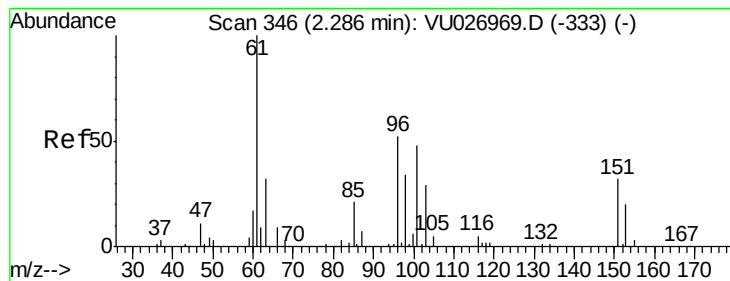
103 67.9 52.2 78.2



Abundance Ion 100.90 (100.60 to 101.60): VU027210.D (-128) (-)

Ion 102.80 (102.50 to 103.50): VU027210.D (-128) (-)





#9

1,1,2-Trichlorotrifluoroethane

Concen: 61.807 ug/l

RT: 2.29 min Scan# 347

Delta R.T. 0.00 min

Lab File: VU027210.D

Acq: 27 Sep 2018 04:40

Instrument :

MSVOA_U

ClientSampleId :

MW-150-SEP18

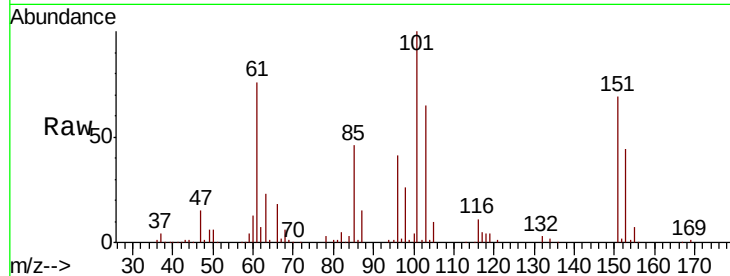
Tgt Ion:101 Resp: 96926

Ion Ratio Lower Upper

101 100

85 46.2 36.2 54.2

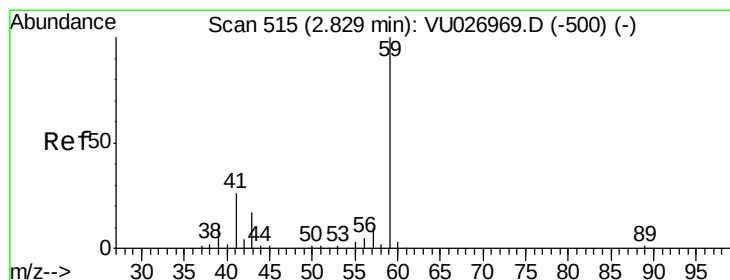
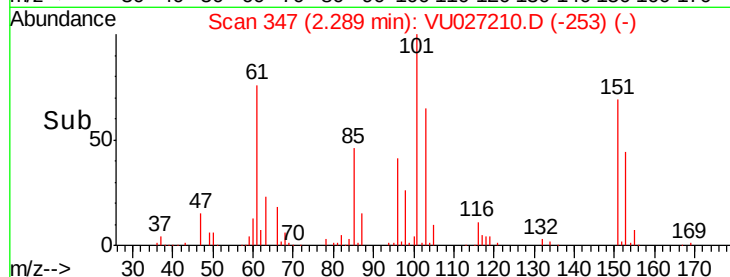
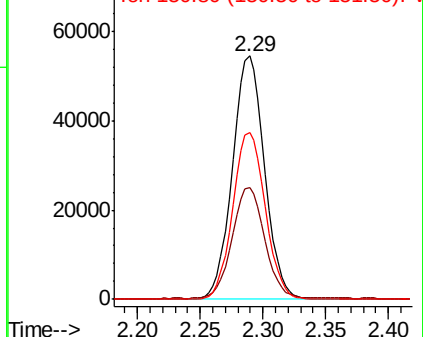
151 69.6 54.5 81.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#11

Tert butyl alcohol

Concen: 1.028 ug/l

RT: 2.83 min Scan# 515

Delta R.T. 0.00 min

Lab File: VU027210.D

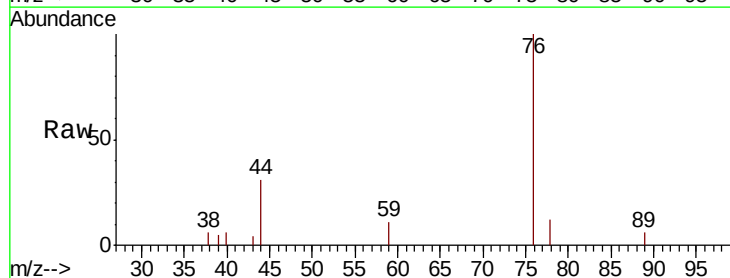
Acq: 27 Sep 2018 04:40

Tgt Ion: 59 Resp: 507

Ion Ratio Lower Upper

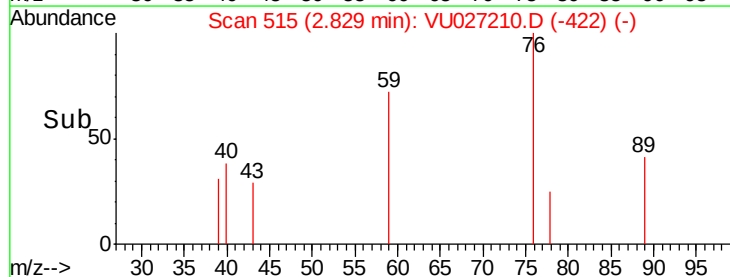
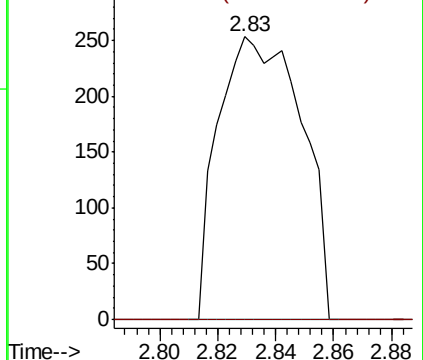
59 100

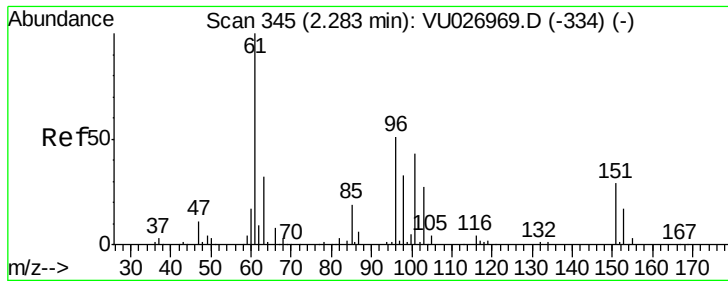
57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

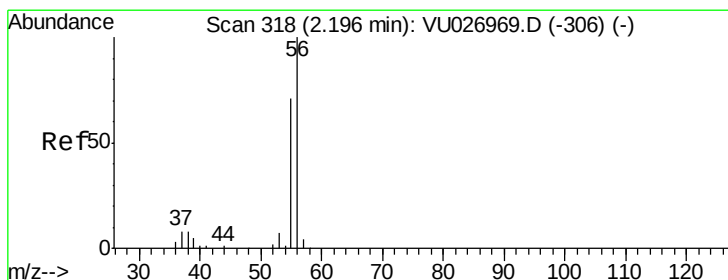
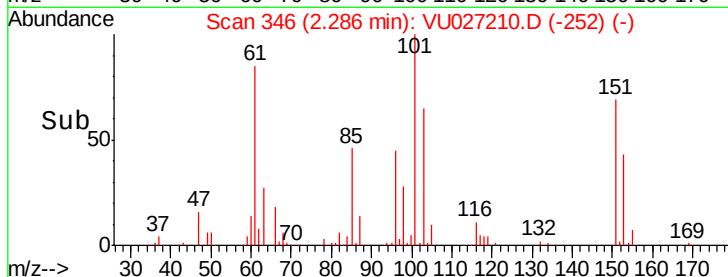
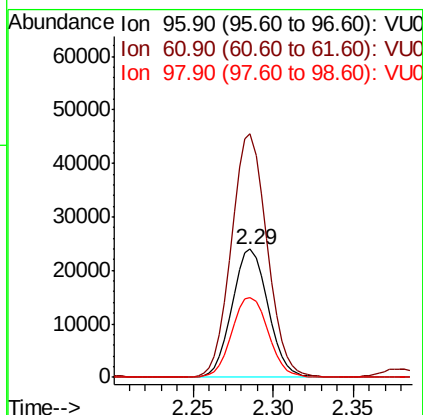
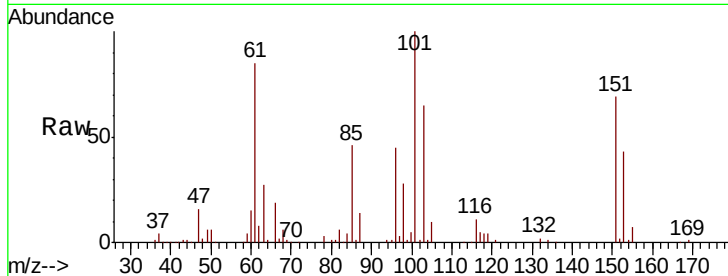




#12
 1,1-Dichloroethene
 Concen: 24.882 ug/l
 RT: 2.29 min Scan# 346
 Delta R.T. 0.00 min
 Lab File: VU027210.D
 Acq: 27 Sep 2018 04:40

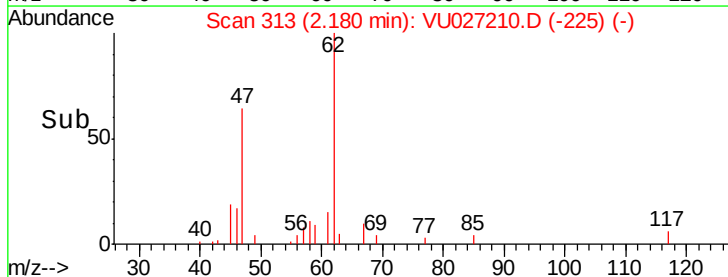
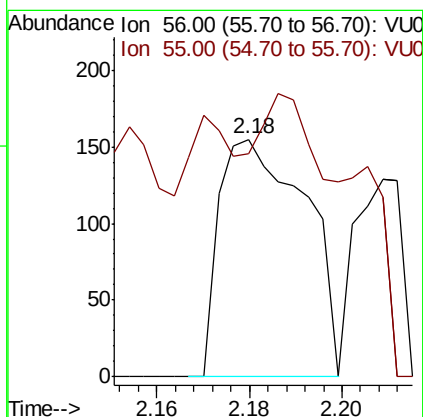
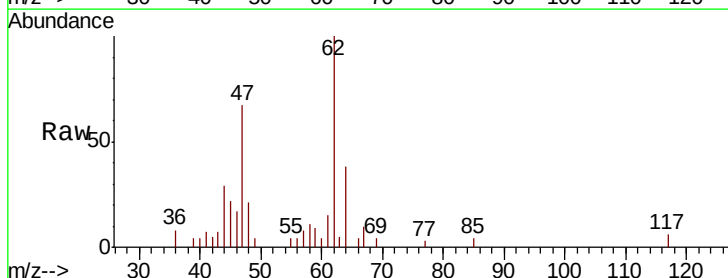
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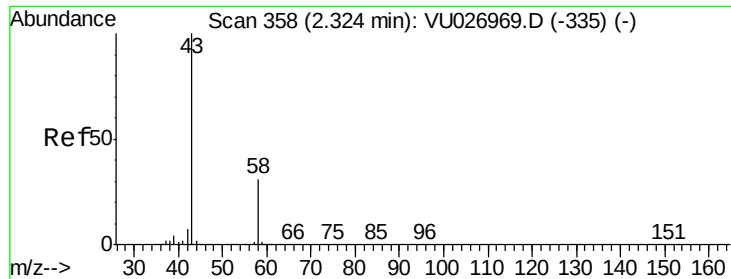
Tgt Ion: 96 Resp: 36727
 Ion Ratio Lower Upper
 96 100
 61 190.0 156.1 234.1
 98 62.4 51.4 77.0



#13
 Acrolein
 Concen: 0.753 ug/l
 RT: 2.18 min Scan# 313
 Delta R.T. -0.02 min
 Lab File: VU027210.D
 Acq: 27 Sep 2018 04:40

Tgt Ion: 56 Resp: 200
 Ion Ratio Lower Upper
 56 100
 55 17.5 57.1 85.7#





#16

Acetone

Concen: Below Cal

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027210.D

Acq: 27 Sep 2018 04:40

Instrument :

MSVOA_U

ClientSampleId :

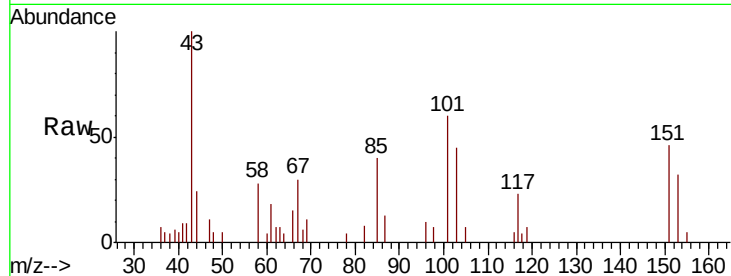
MW-150-SEP18

Tgt Ion: 43 Resp: 5973

Ion Ratio Lower Upper

43 100

58 24.6 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

3000

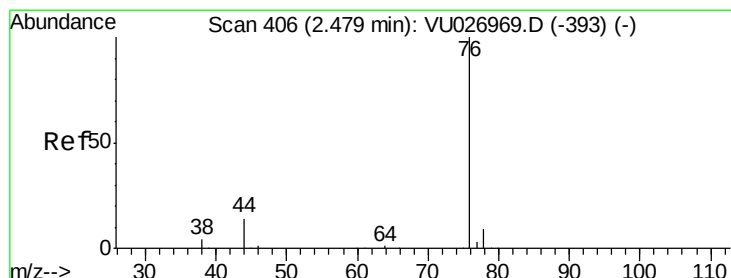
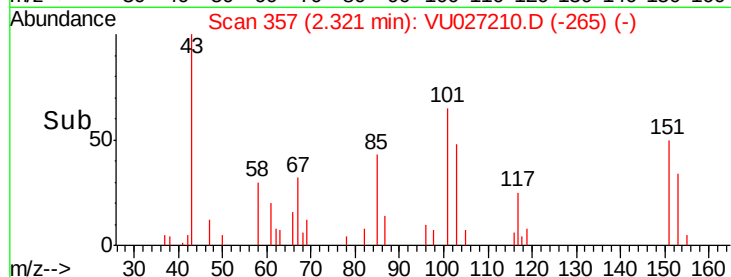
2000

1000

0

Time-->

2.20 2.30 2.40



#17

Carbon Disulfide

Concen: 0.386 ug/l

RT: 2.49 min Scan# 408

Delta R.T. 0.01 min

Lab File: VU027210.D

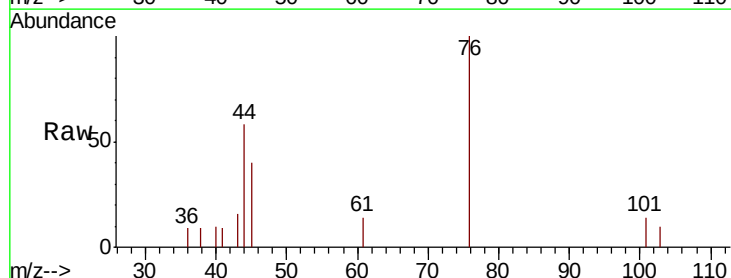
Acq: 27 Sep 2018 04:40

Tgt Ion: 76 Resp: 1858

Ion Ratio Lower Upper

76 100

78 0.0 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0

2.49

1500

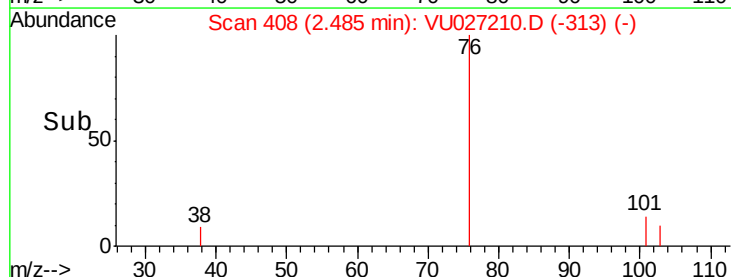
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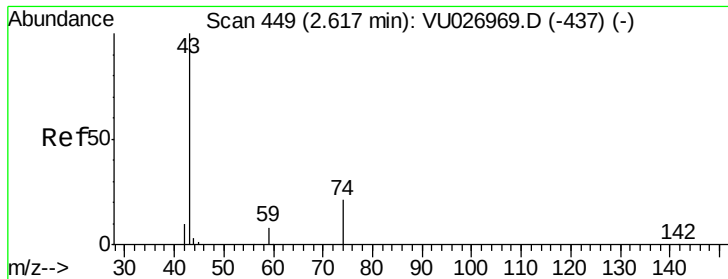
500

0

Time-->

2.44 2.46 2.48 2.50

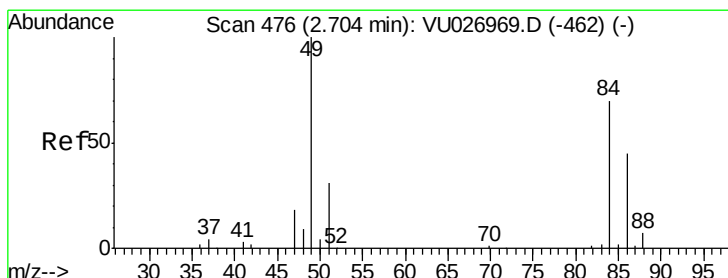
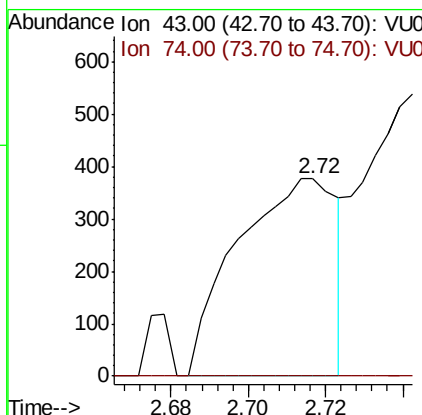
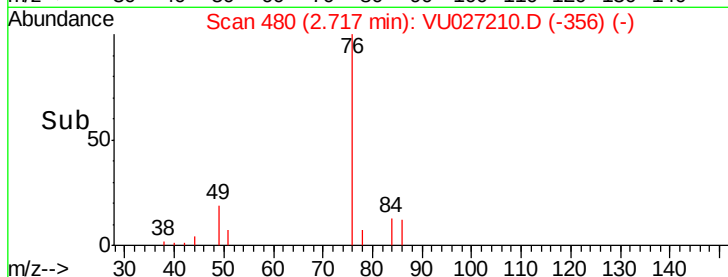
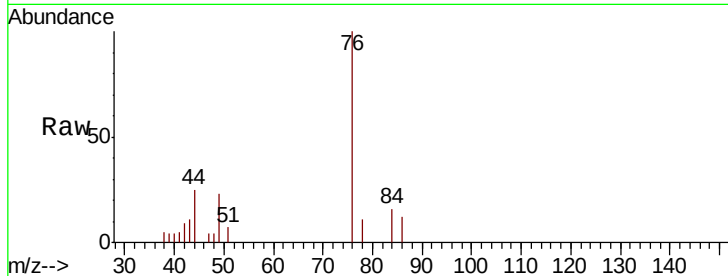




#18
Methyl Acetate
Concen: 0.220 ug/l
RT: 2.72 min Scan# 480
Delta R.T. 0.10 min
Lab File: VU027210.D
Acq: 27 Sep 2018 04:40

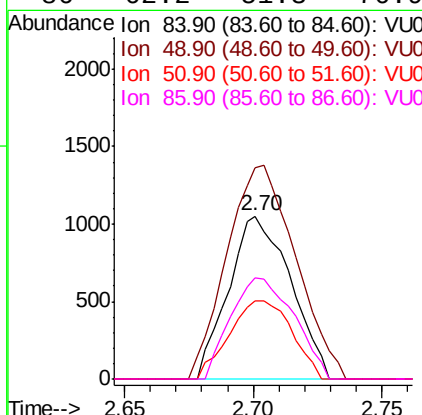
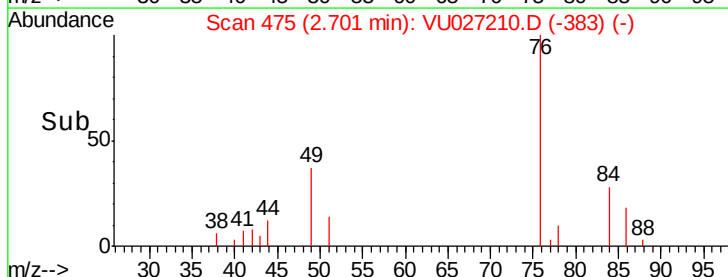
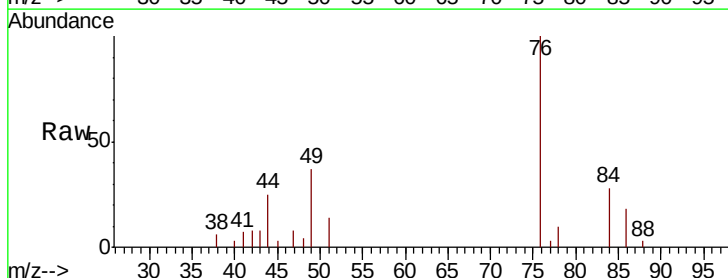
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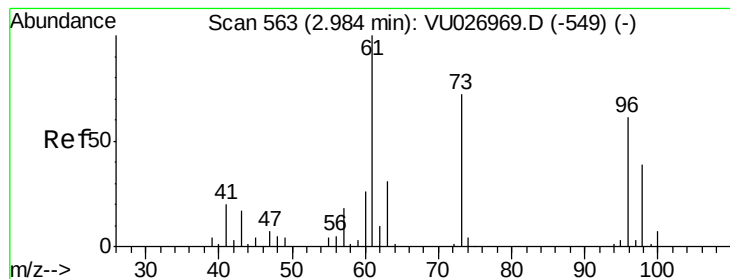
Tgt Ion: 43 Resp: 672
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#



#20
Methylene Chloride
Concen: 0.912 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU027210.D
Acq: 27 Sep 2018 04:40

Tgt Ion: 84 Resp: 1757
Ion Ratio Lower Upper
84 100
49 130.0 114.9 172.3
51 48.2 35.8 53.8
86 62.2 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 21.230 ug/l

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU027210.D

Acq: 27 Sep 2018 04:40

Instrument :

MSVOA_U

ClientSampleId :

MW-150-SEP18

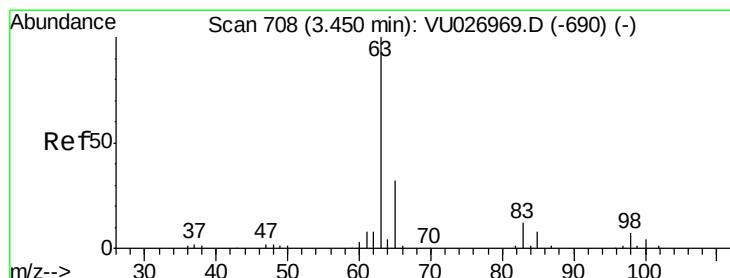
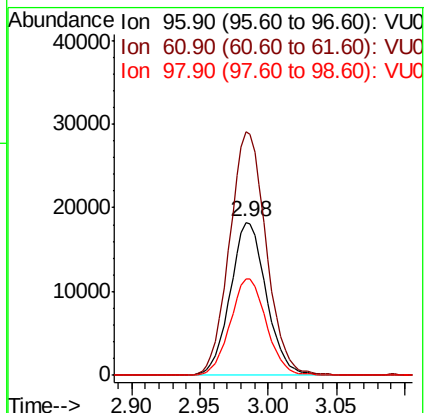
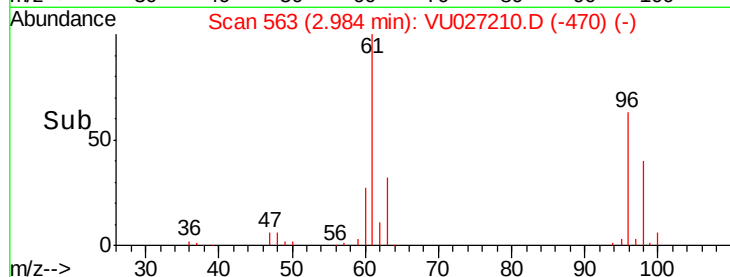
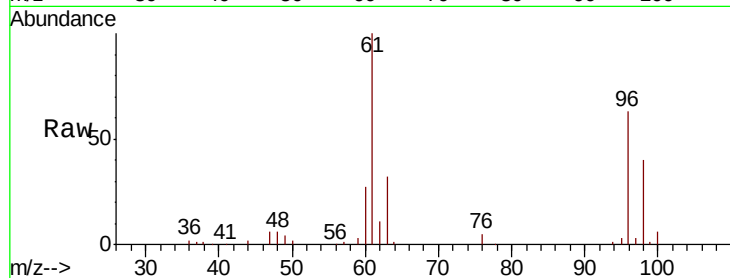
Tgt Ion: 96 Resp: 33456

Ion Ratio Lower Upper

96 100

61 159.3 131.8 197.6

98 63.0 50.9 76.3



#24

1,1-Dichloroethane

Concen: 164.256 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU027210.D

Acq: 27 Sep 2018 04:40

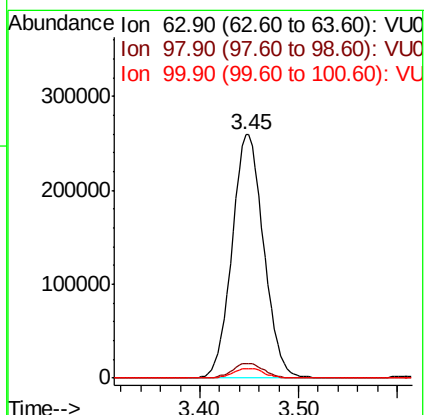
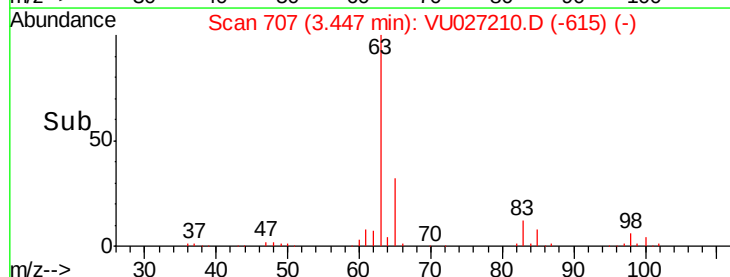
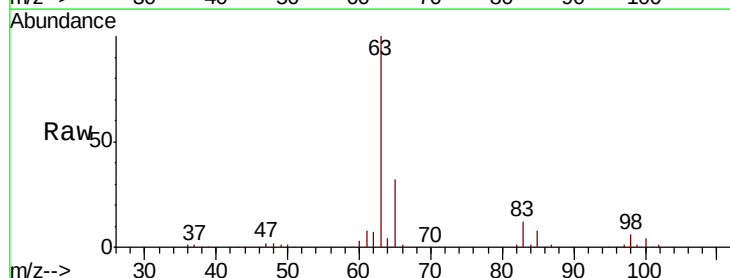
Tgt Ion: 63 Resp: 579287

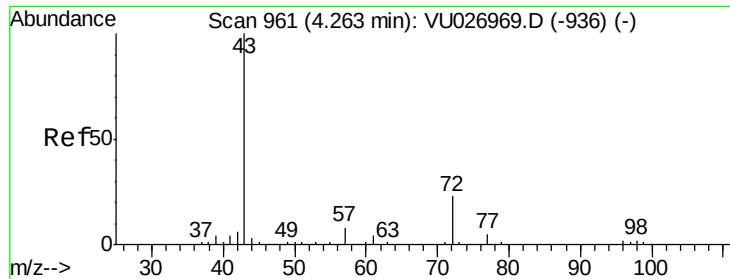
Ion Ratio Lower Upper

63 100

98 6.2 3.3 9.8

100 4.0 2.0 5.8





#25

2-Butanone

Concen: 13.190 ug/l

RT: 4.27 min Scan# 962

Delta R.T. 0.00 min

Lab File: VU027210.D

Acq: 27 Sep 2018 04:40

Instrument :

MSVOA_U

ClientSampleId :

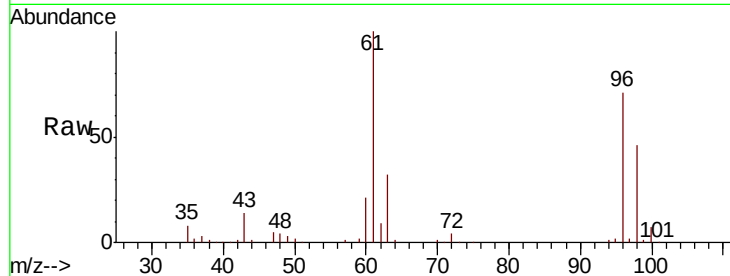
MW-150-SEP18

Tgt Ion: 43 Resp: 23842

Ion Ratio Lower Upper

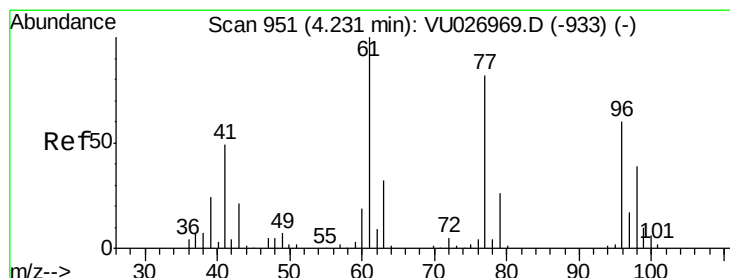
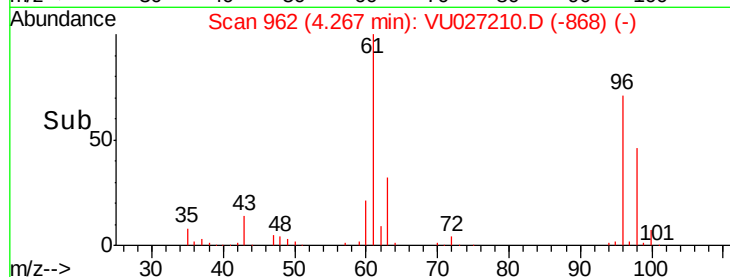
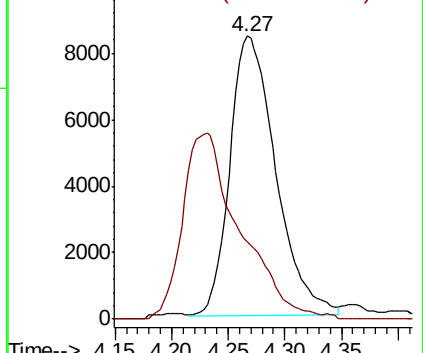
43 100

72 27.6 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VU027210.D (-868) (-)

Ion 72.00 (71.70 to 72.70): VU027210.D (-868) (-)



#27

cis-1,2-Dichloroethene

Concen: 893.236 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027210.D

Acq: 27 Sep 2018 04:40

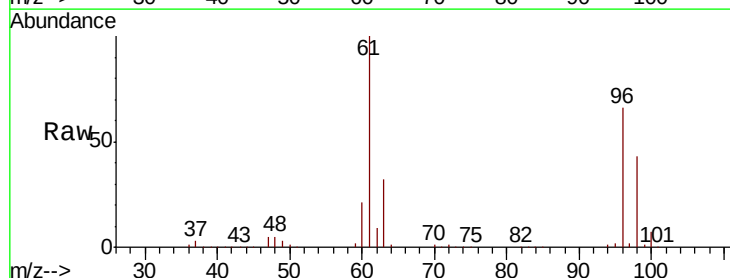
Tgt Ion: 96 Resp: 1589709

Ion Ratio Lower Upper

96 100

61 151.1 0.0 337.2

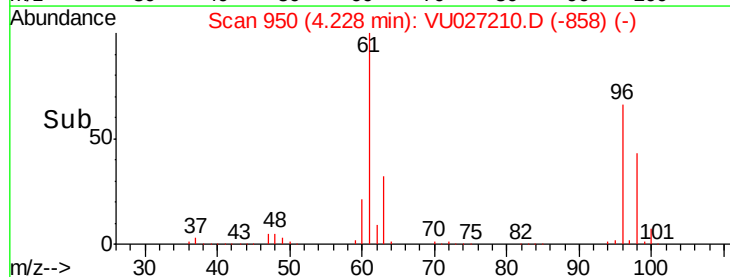
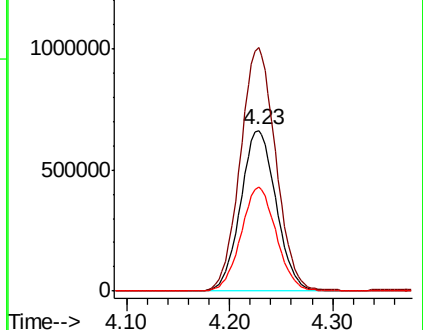
98 64.1 0.0 127.6

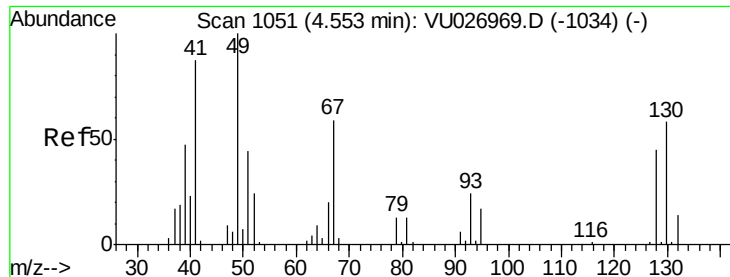


Abundance Ion 95.90 (95.60 to 96.60): VU027210.D (-858) (-)

Ion 60.90 (60.60 to 61.60): VU027210.D (-858) (-)

Ion 97.90 (97.60 to 98.60): VU027210.D (-858) (-)





#28

Bromochloromethane

Concen: 0.757 ug/l

RT: 4.68 min Scan# 1090

Delta R.T. 0.13 min

Lab File: VU027210.D

Acq: 27 Sep 2018 04:40

Instrument :

MSVOA_U

ClientSampleId :

MW-150-SEP18

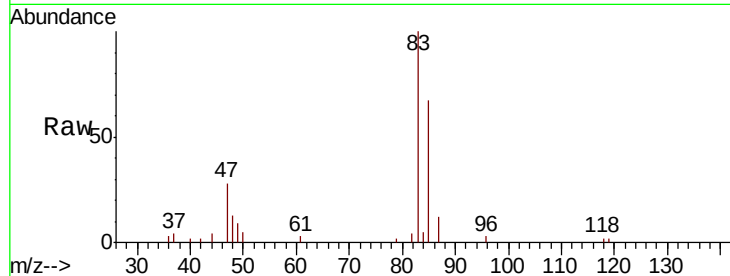
Tgt Ion: 49 Resp: 1287

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.0

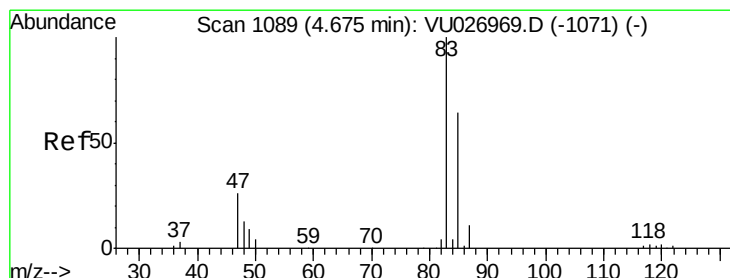
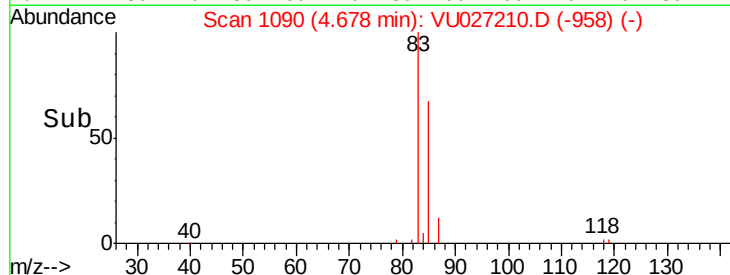
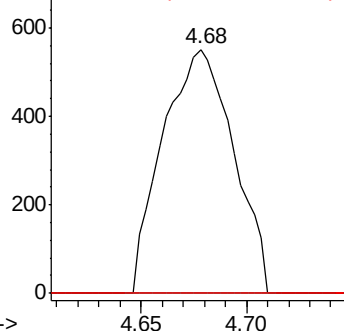
130 0.0 47.8 71.8#



Abundance Ion 48.90 (48.60 to 49.60): VU0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#30

Chloroform

Concen: 4.519 ug/l

RT: 4.68 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VU027210.D

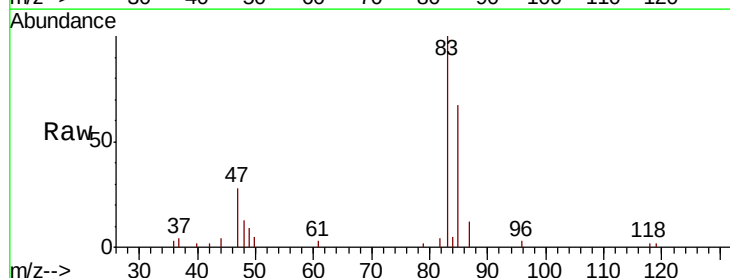
Acq: 27 Sep 2018 04:40

Tgt Ion: 83 Resp: 14795

Ion Ratio Lower Upper

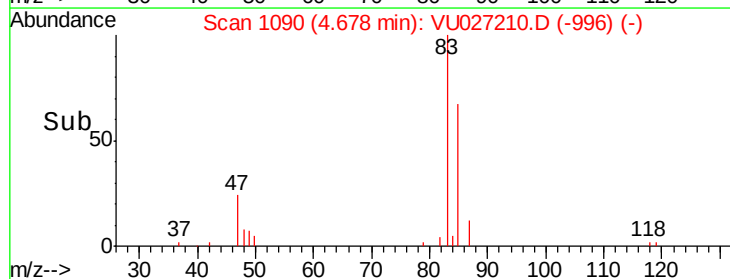
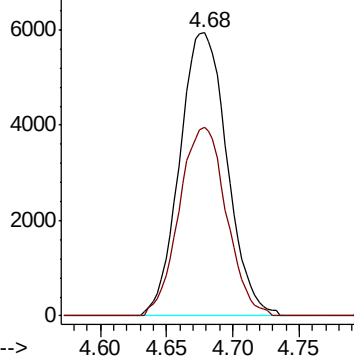
83 100

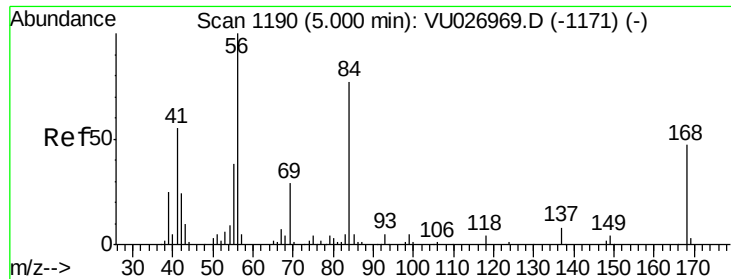
85 66.6 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

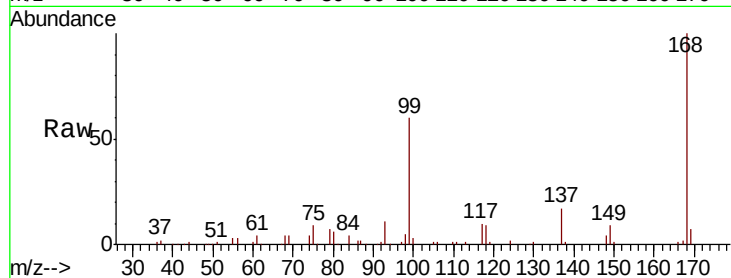




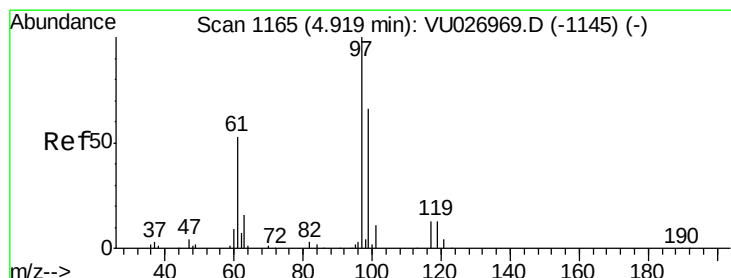
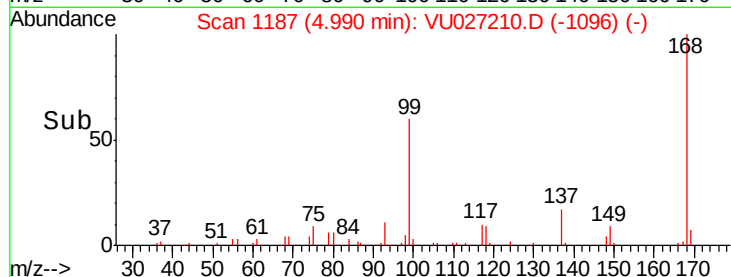
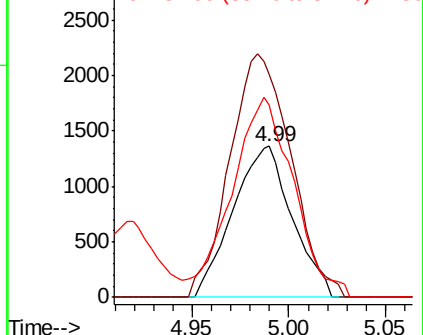
#31
Cyclohexane
Concen: 0.334 ug/l
RT: 4.99 min Scan# 1187
Delta R.T. -0.01 min
Lab File: VU027210.D
Acq: 27 Sep 2018 04:40

Instrument :
MSVOA_U
ClientSampleId :
MW-150-SEP18

Tgt Ion: 56 Resp: 2902
Ion Ratio Lower Upper
56 100
69 147.3 23.0 34.4#
84 116.6 61.4 92.2#

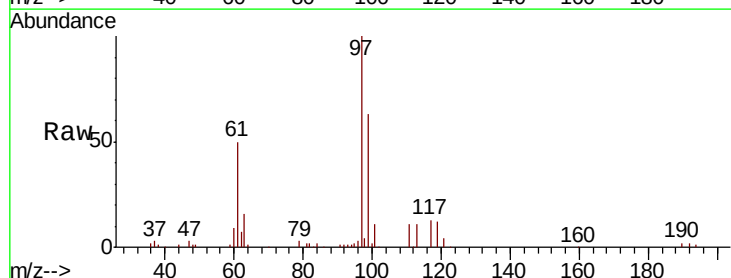


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

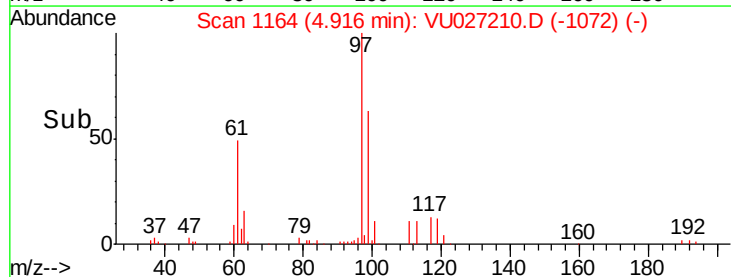
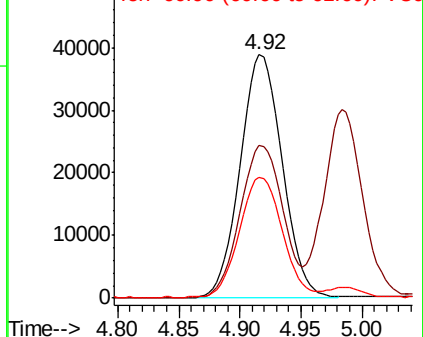


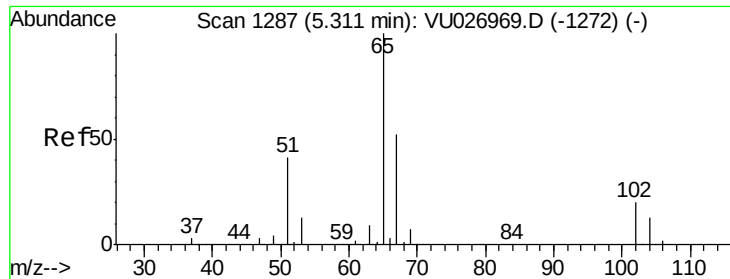
#32
1,1,1-Trichloroethane
Concen: 35.599 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU027210.D
Acq: 27 Sep 2018 04:40

Tgt Ion: 97 Resp: 93048
Ion Ratio Lower Upper
97 100
99 64.2 51.8 77.6
61 49.9 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

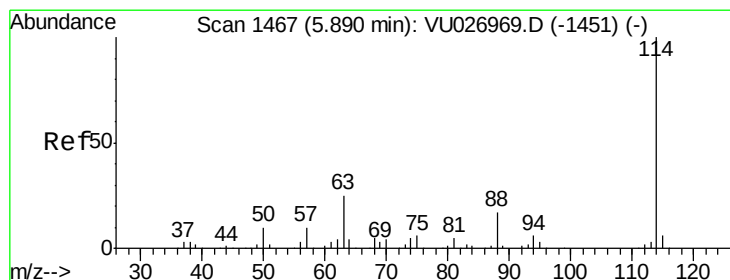
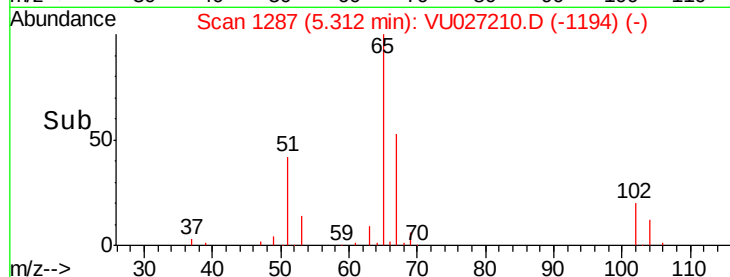
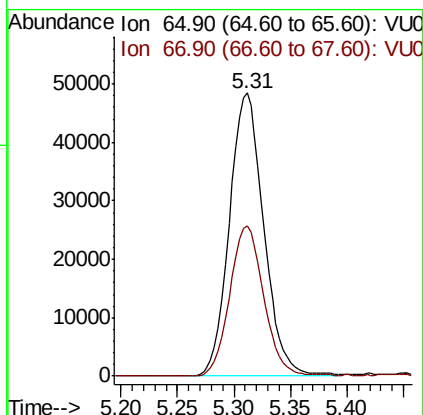
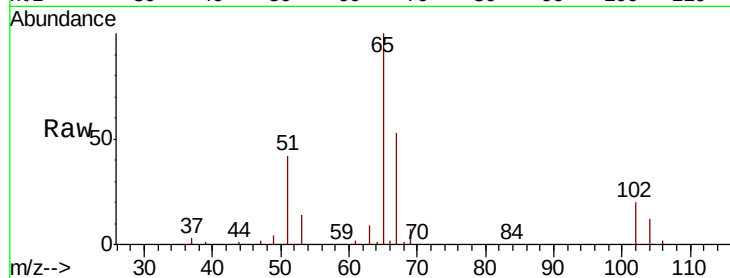




#33
 1,2-Dichloroethane-d4
 Concen: 47.677 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027210.D
 Acq: 27 Sep 2018 04:40

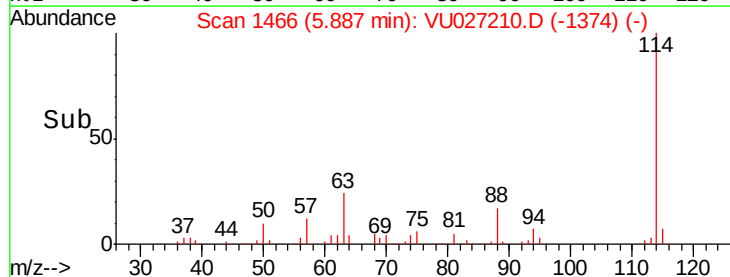
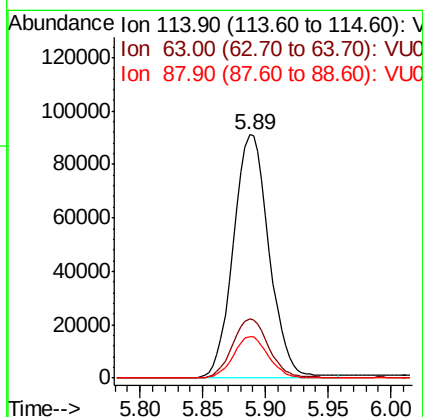
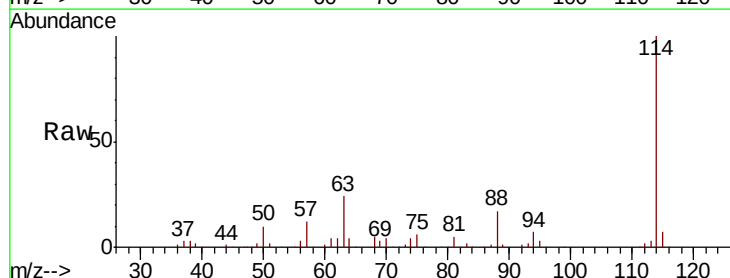
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-150-SEP18

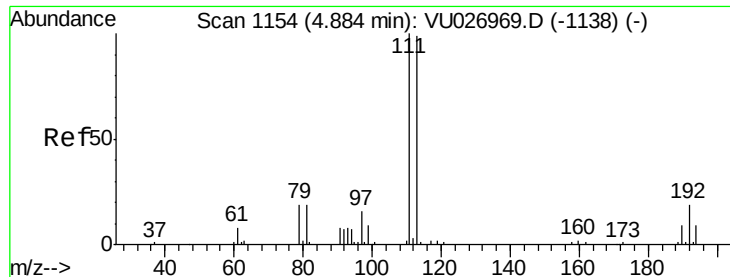
Tgt Ion: 65 Resp: 102550
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027210.D
 Acq: 27 Sep 2018 04:40

Tgt Ion: 114 Resp: 181477
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 49.2
 88 17.1 0.0 33.8

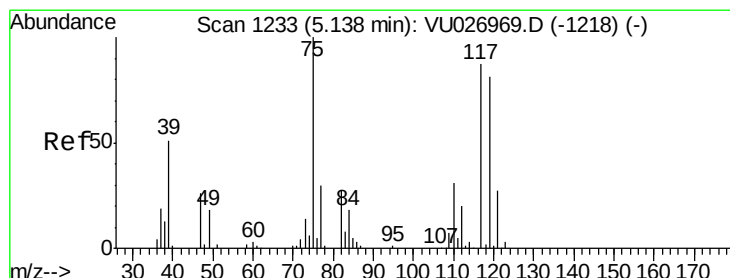
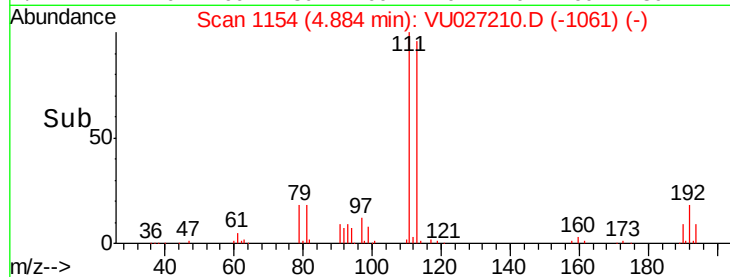
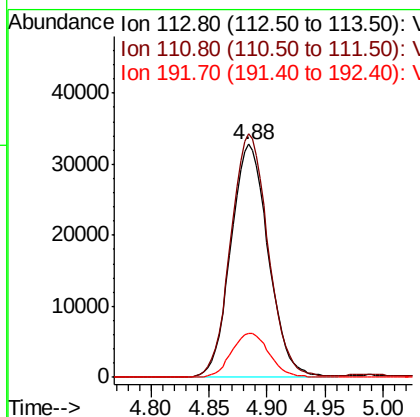
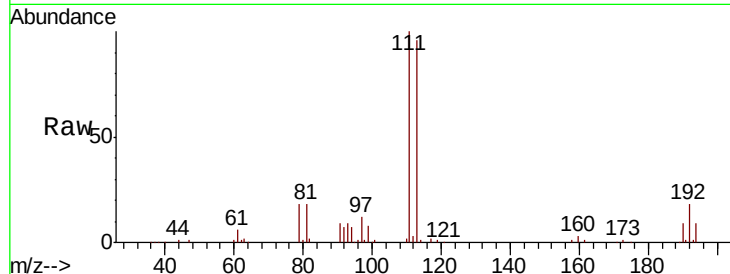




#35
 Dibromofluoromethane
 Concen: 47.069 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027210.D
 Acq: 27 Sep 2018 04:40

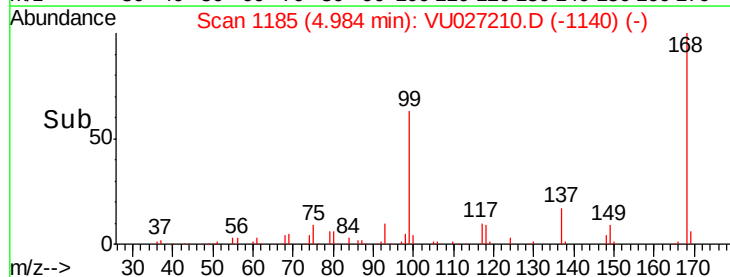
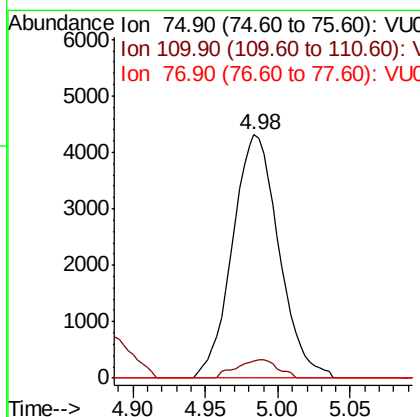
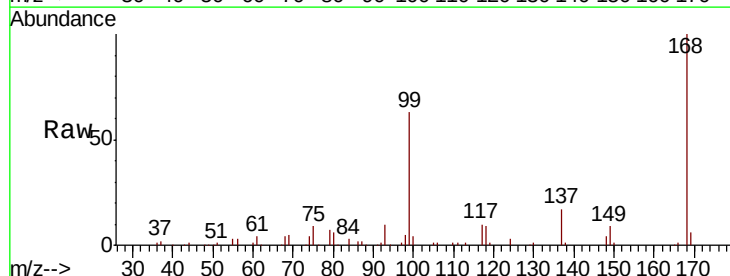
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-150-SEP18

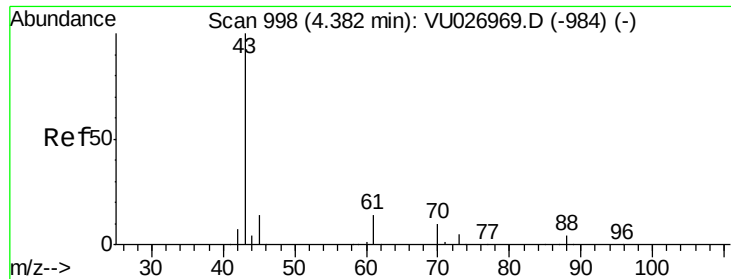
Tgt Ion:113 Resp: 74042
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.2 123.4
 192 18.9 15.2 22.8



#36
 1,1-Dichloropropene
 Concen: 3.967 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU027210.D
 Acq: 27 Sep 2018 04:40

Tgt Ion: 75 Resp: 9609
 Ion Ratio Lower Upper
 75 100
 110 6.7 16.1 48.2#
 77 0.0 24.6 36.8#

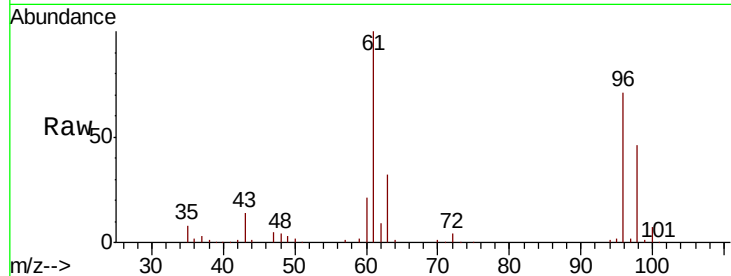




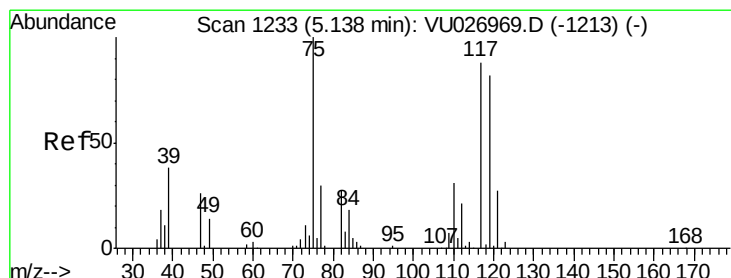
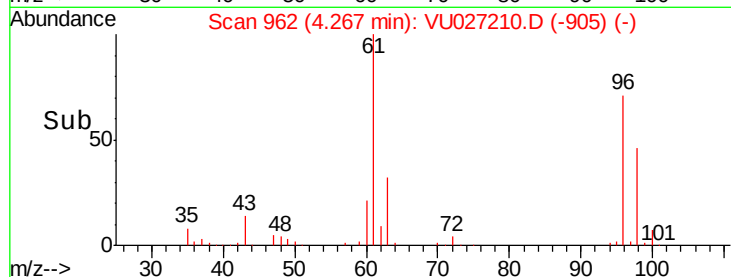
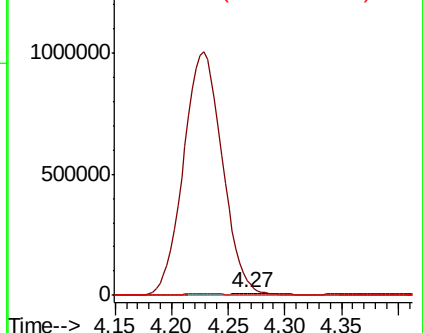
#37
 Ethyl Acetate
 Concen: 7.272 ug/l
 RT: 4.27 min Scan# 962
 Delta R.T. -0.12 min
 Lab File: VU027210.D
 Acq: 27 Sep 2018 04:40

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-150-SEP18

Tgt Ion: 43 Resp: 23842
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.5 15.7#
 70 0.0 7.4 11.0#

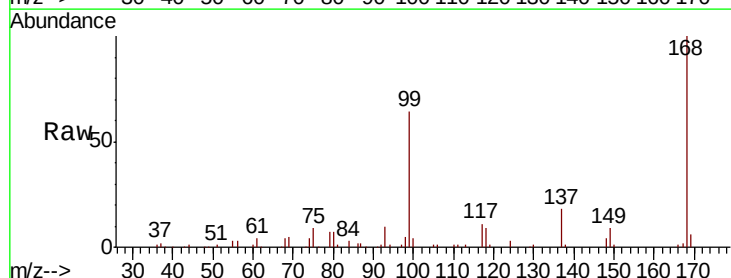


Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 70.00 (69.70 to 70.70): VU0

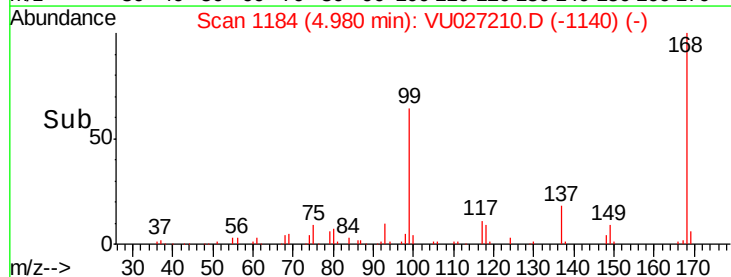
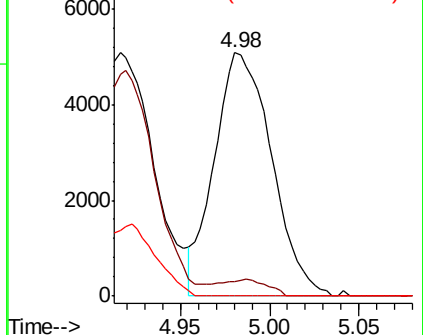


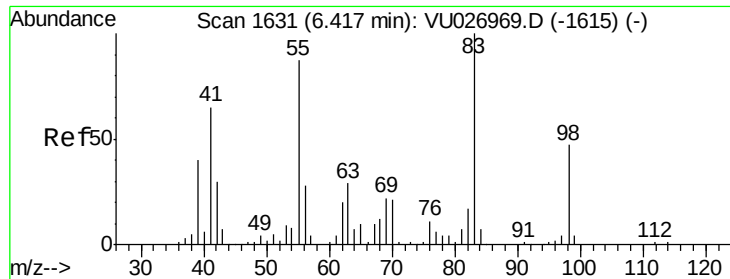
#38
 Carbon Tetrachloride
 Concen: 4.925 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.16 min
 Lab File: VU027210.D
 Acq: 27 Sep 2018 04:40

Tgt Ion: 117 Resp: 11352
 Ion Ratio Lower Upper
 117 100
 119 6.1 74.4 111.6#
 121 0.0 24.2 36.4#



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

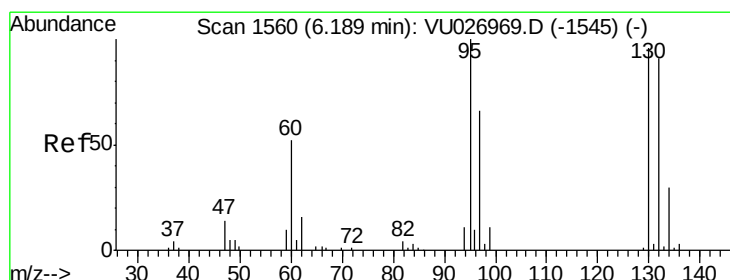
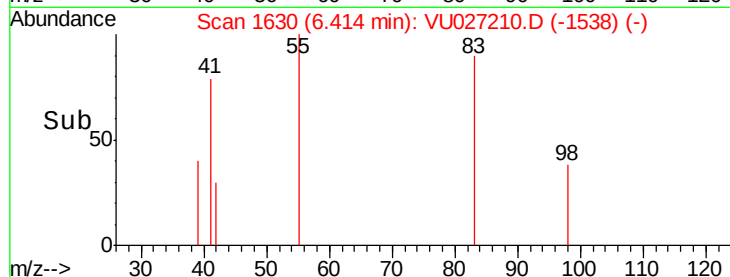
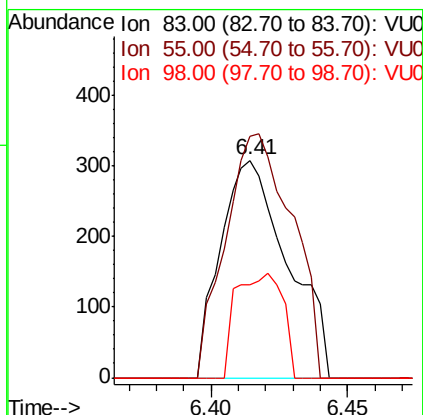
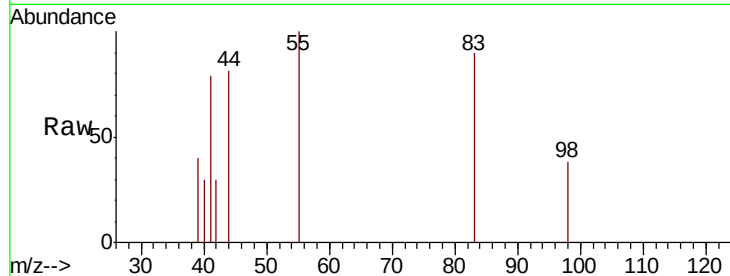




#39
Methylcyclohexane
Concen: 0.201 ug/l
RT: 6.41 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VU027210.D
Acq: 27 Sep 2018 04:40

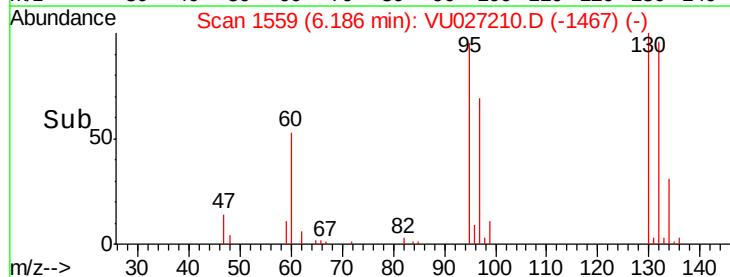
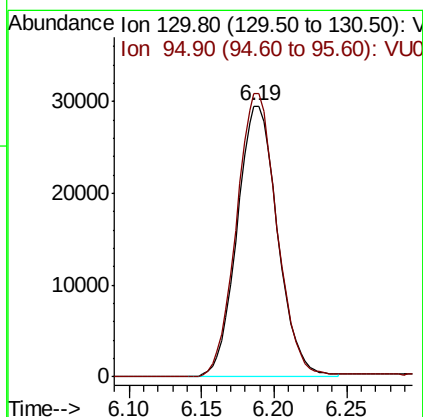
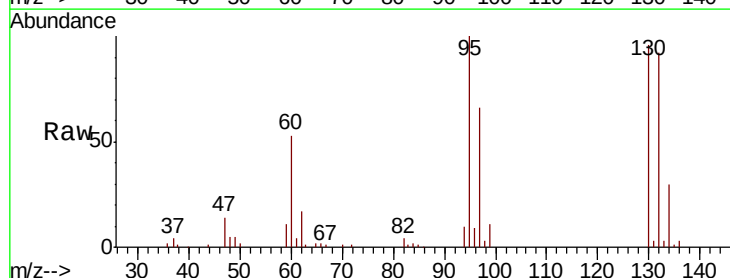
Instrument :
MSVOA_U
ClientSampleId :
MW-150-SEP18

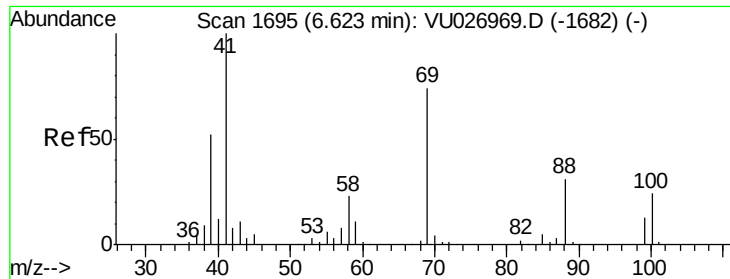
Tgt Ion: 83 Resp: 528
Ion Ratio Lower Upper
83 100
55 110.7 69.9 104.9#
98 42.5 37.5 56.3



#44
Trichloroethene
Concen: 36.642 ug/l
RT: 6.19 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VU027210.D
Acq: 27 Sep 2018 04:40

Tgt Ion: 130 Resp: 57436
Ion Ratio Lower Upper
130 100
95 104.5 0.0 208.8

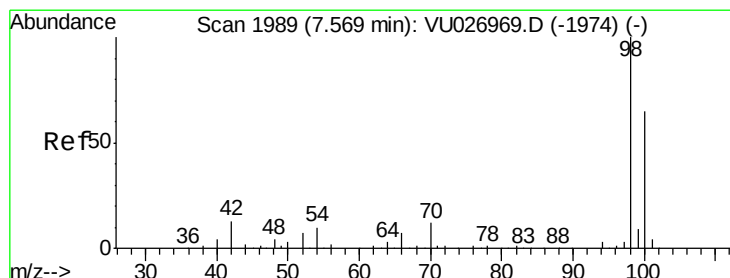
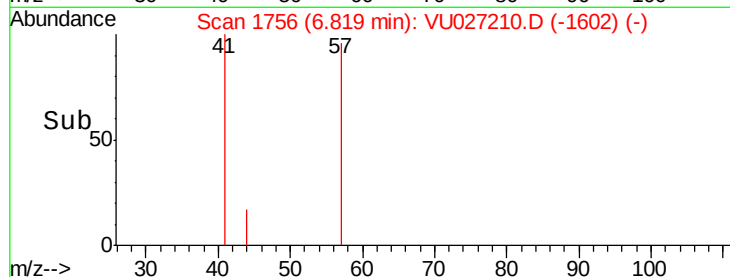
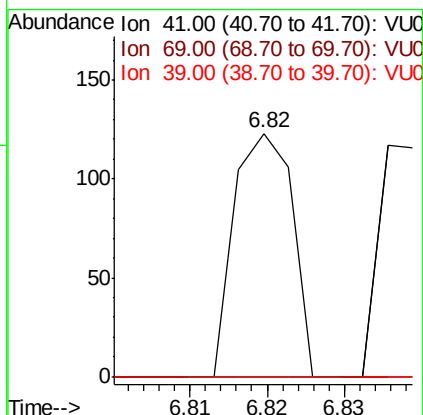
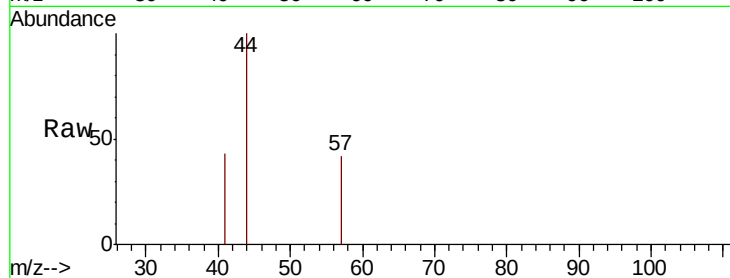




#48
Methyl methacrylate
Concen: 1.036 ug/l
RT: 6.82 min Scan# 1756
Delta R.T. 0.20 min
Lab File: VU027210.D
Acq: 27 Sep 2018 04:40

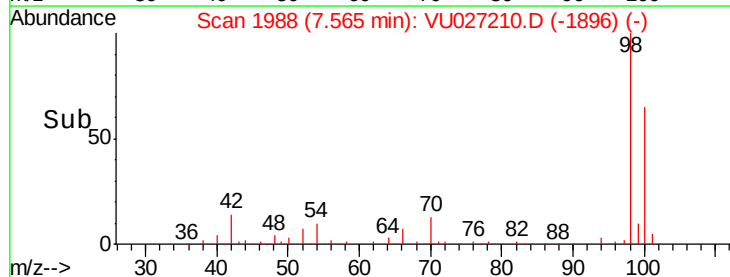
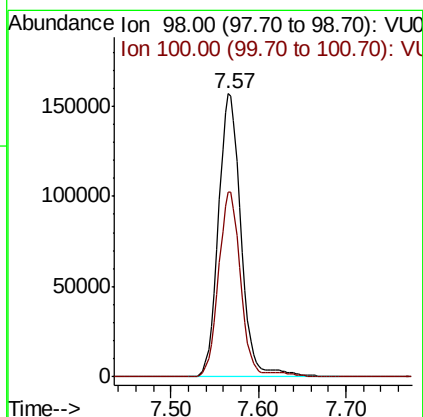
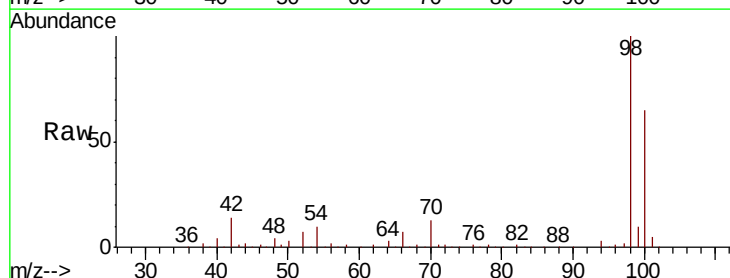
Instrument :
MSVOA_U
ClientSampleId :
MW-150-SEP18

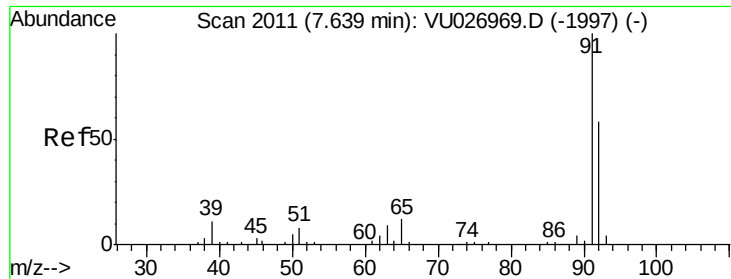
Tgt Ion: 41 Resp: 64
Ion Ratio Lower Upper
41 100
69 0.0 60.6 90.8#
39 0.0 42.8 64.2#



#50
Toluene-d8
Concen: 46.934 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027210.D
Acq: 27 Sep 2018 04:40

Tgt Ion: 98 Resp: 281365
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1





#52

Toluene

Concen: 2.301 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027210.D

Acq: 27 Sep 2018 04:40

Instrument :

MSVOA_U

ClientSampleId :

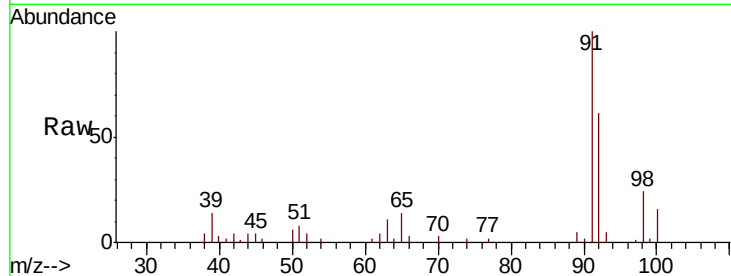
MW-150-SEP18

Tgt Ion: 92 Resp: 9713

Ion Ratio Lower Upper

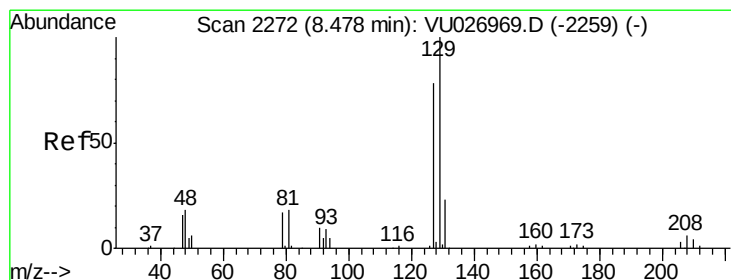
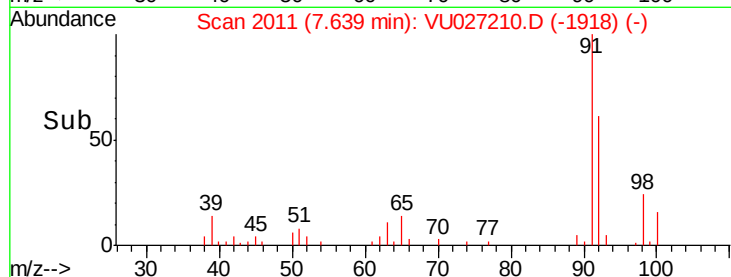
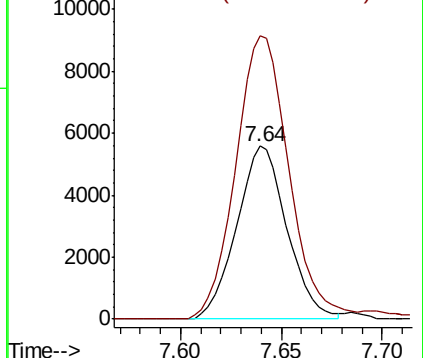
92 100

91 173.9 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VU026969.D (-1997) (-)

Ion 91.00 (90.70 to 91.70): VU026969.D (-1997) (-)



#60

Dibromochloromethane

Concen: 2.909 ug/l

RT: 8.23 min Scan# 2194

Delta R.T. -0.25 min

Lab File: VU027210.D

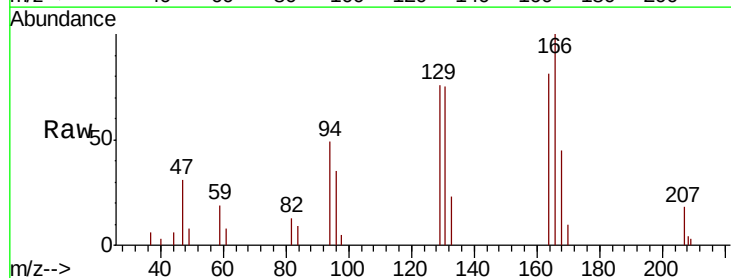
Acq: 27 Sep 2018 04:40

Tgt Ion: 129 Resp: 5102

Ion Ratio Lower Upper

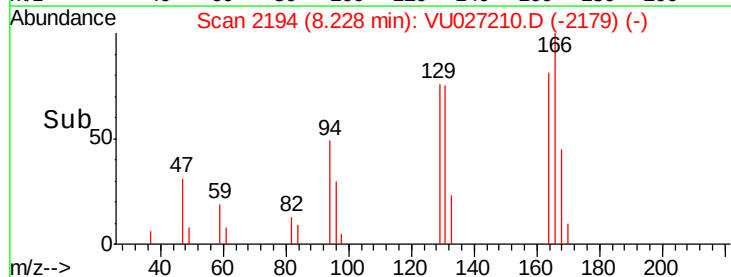
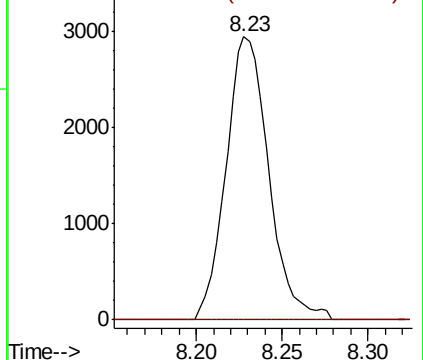
129 100

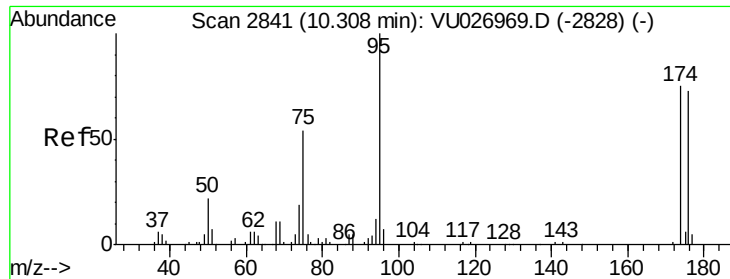
127 0.0 38.1 114.5#



Abundance Ion 128.80 (128.50 to 129.50): VU026969.D (-2259) (-)

Ion 126.80 (126.50 to 127.50): VU026969.D (-2259) (-)

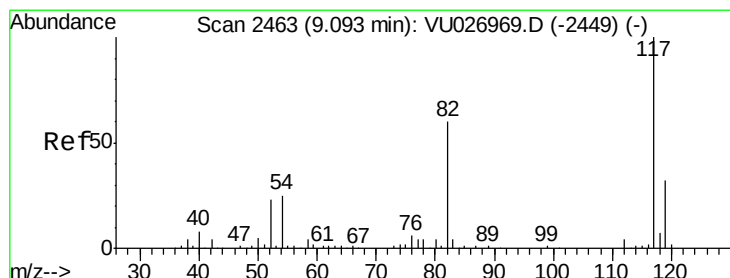
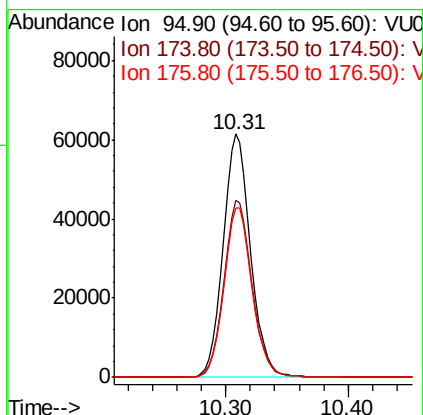
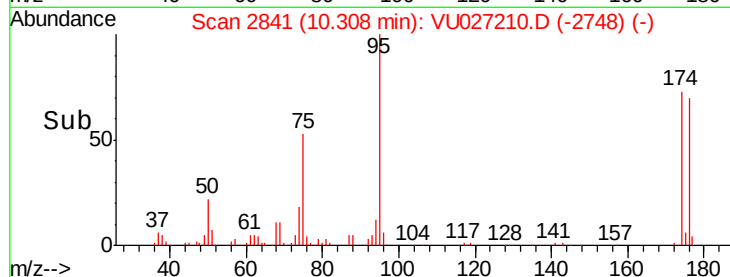
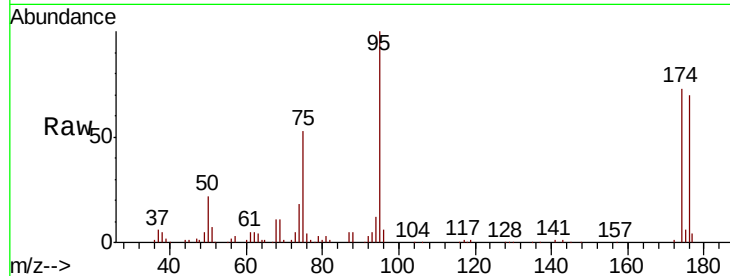




#62
4-Bromofluorobenzene
Concen: 47.103 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027210.D
Acq: 27 Sep 2018 04:40

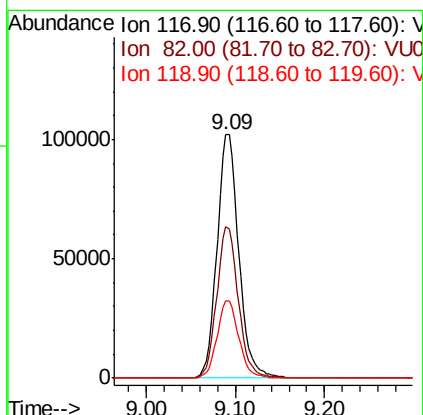
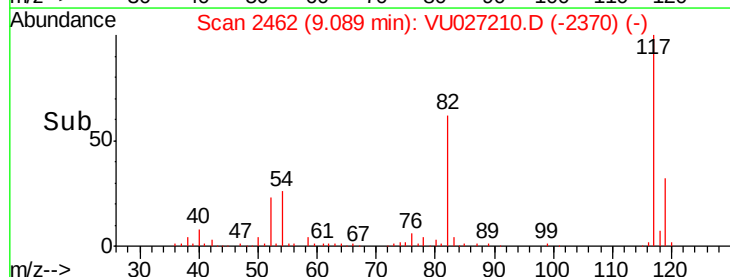
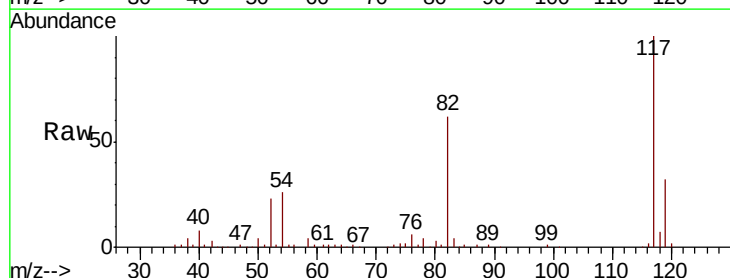
Instrument :
MSVOA_U
ClientSampleId :
MW-150-SEP18

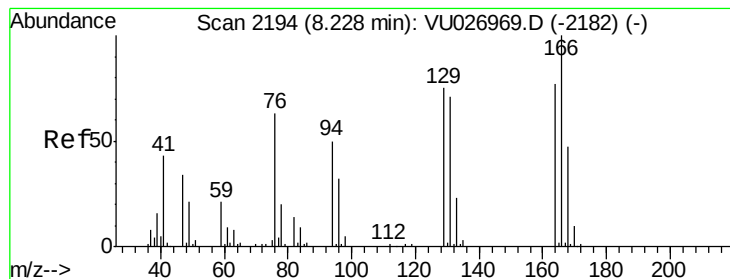
Tgt Ion: 95 Resp: 96893
Ion Ratio Lower Upper
95 100
174 74.5 0.0 150.2
176 71.5 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027210.D
Acq: 27 Sep 2018 04:40

Tgt Ion: 117 Resp: 172329
Ion Ratio Lower Upper
117 100
82 62.1 48.0 72.0
119 31.6 25.8 38.8





#64

Tetrachloroethene

Concen: 4.064 ug/l

RT: 8.23 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VU027210.D

Acq: 27 Sep 2018 04:40

Instrument :

MSVOA_U

ClientSampleId :

MW-150-SEP18

Tgt Ion:164 Resp: 5397

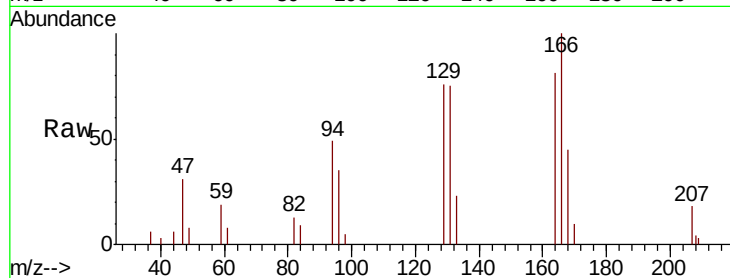
Ion Ratio Lower Upper

164 100

166 123.0 104.4 156.6

129 93.7 78.7 118.1

131 92.2 73.9 110.9

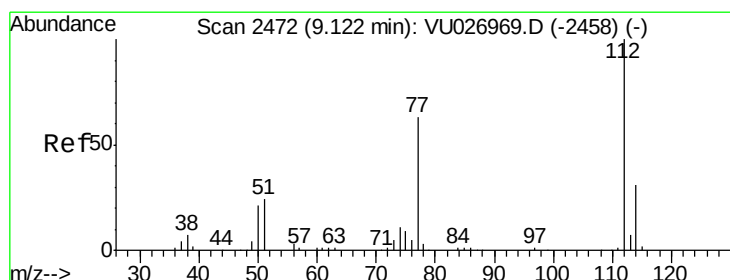
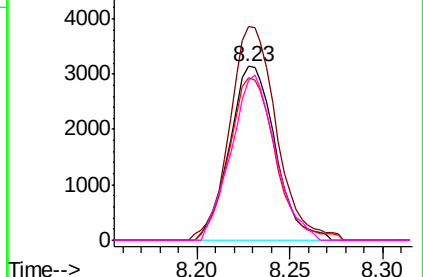
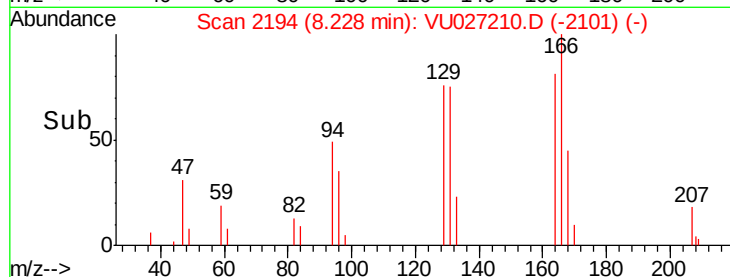


Abundance Ion 163.80 (163.50 to 164.50): V

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



#65

Chlorobenzene

Concen: 1.157 ug/l

RT: 9.12 min Scan# 2472

Delta R.T. 0.00 min

Lab File: VU027210.D

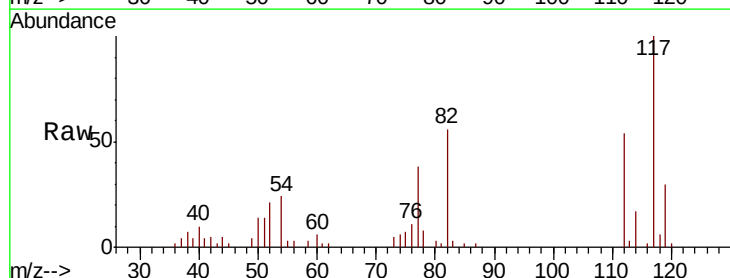
Acq: 27 Sep 2018 04:40

Tgt Ion:112 Resp: 5285

Ion Ratio Lower Upper

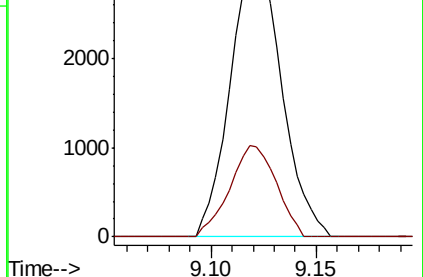
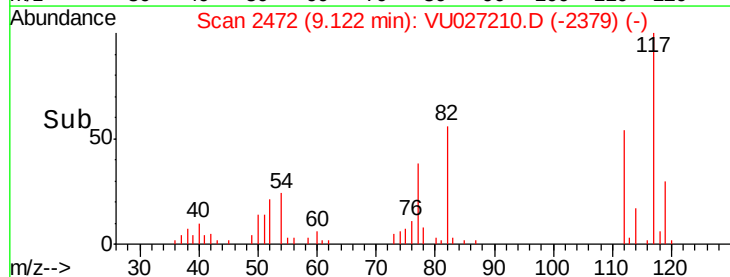
112 100

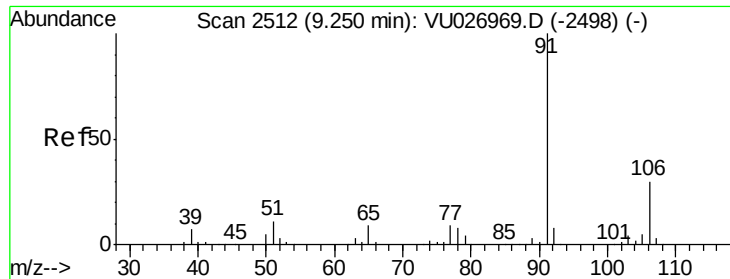
114 31.9 25.0 37.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

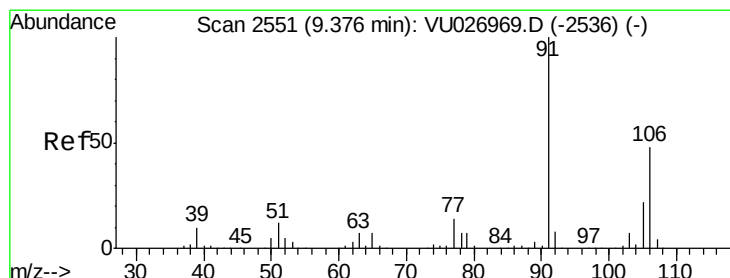
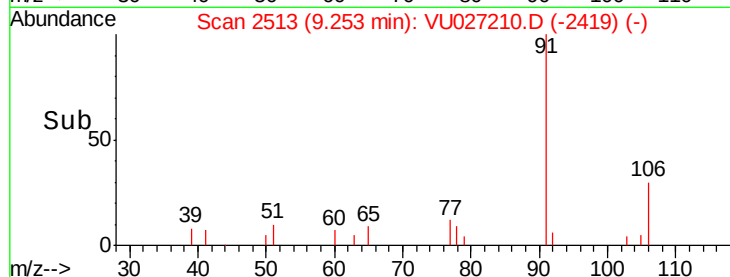
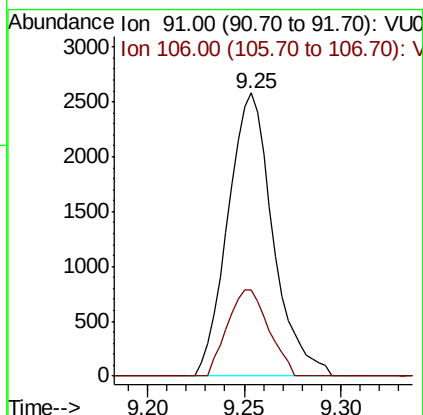
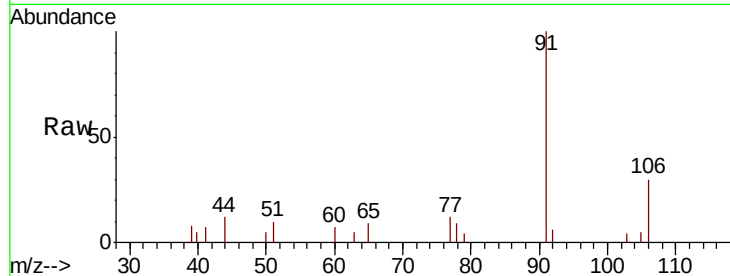




#67
Ethyl Benzene
Concen: 0.556 ug/l
RT: 9.25 min Scan# 2513
Delta R.T. 0.00 min
Lab File: VU027210.D
Acq: 27 Sep 2018 04:40

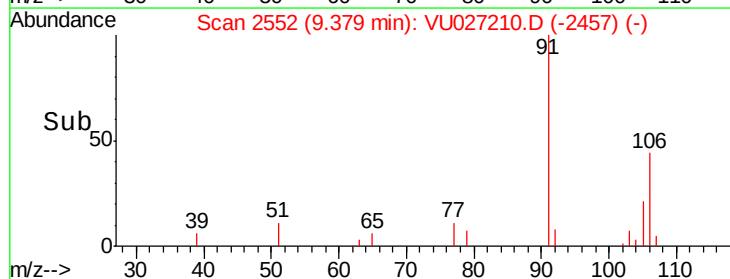
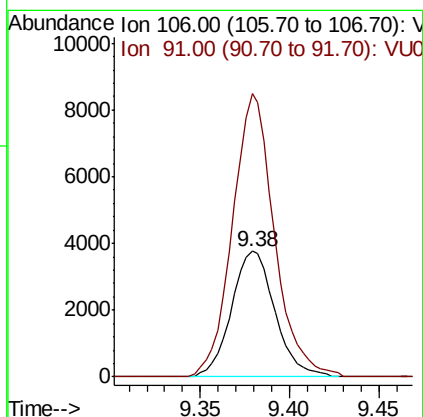
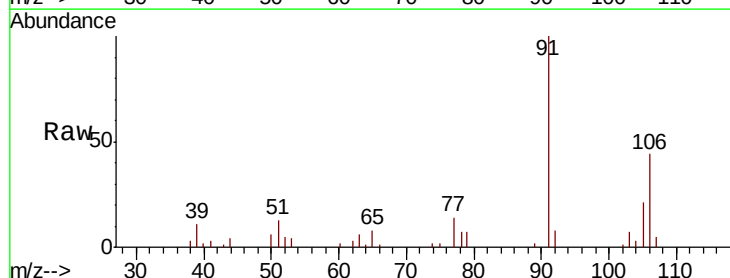
Instrument :
MSVOA_U
ClientSampleId :
MW-150-SEP18

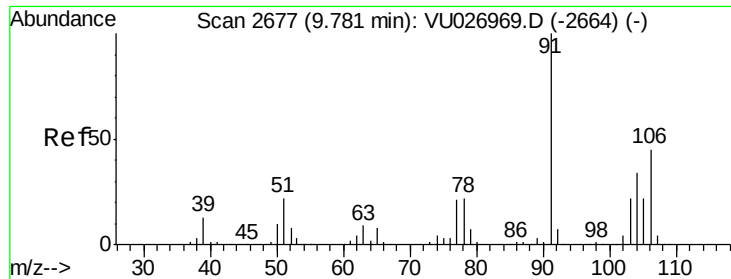
Tgt Ion: 91 Resp: 4180
Ion Ratio Lower Upper
91 100
106 30.5 23.8 35.8



#68
m/p-Xylenes
Concen: 3.559 ug/l
RT: 9.38 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VU027210.D
Acq: 27 Sep 2018 04:40

Tgt Ion: 106 Resp: 6359
Ion Ratio Lower Upper
106 100
91 217.6 166.5 249.7

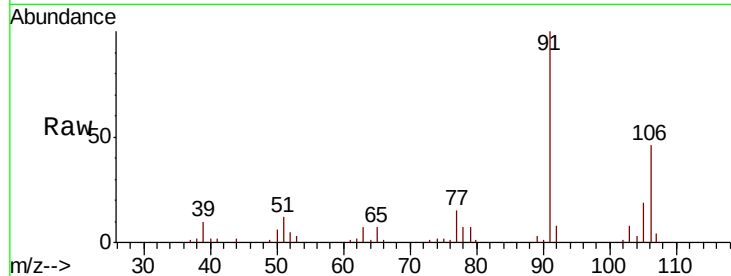




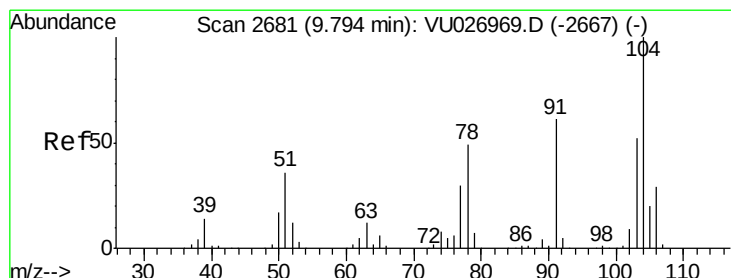
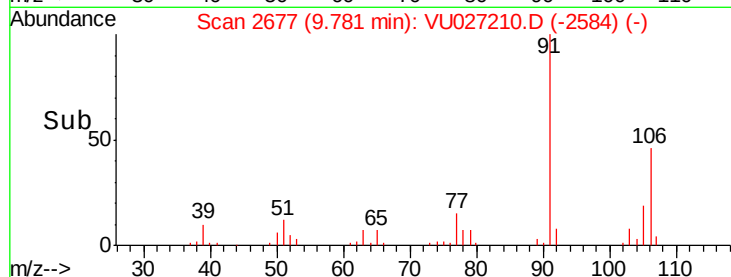
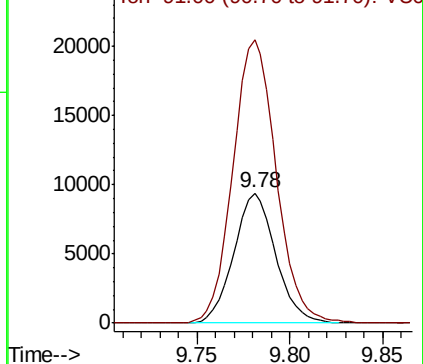
#69
o-Xylene
Concen: 5.524 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027210.D
Acq: 27 Sep 2018 04:40

Instrument :
MSVOA_U
ClientSampleId :
MW-150-SEP18

Tgt Ion:106 Resp: 14706
Ion Ratio Lower Upper
106 100
91 225.9 110.2 330.6

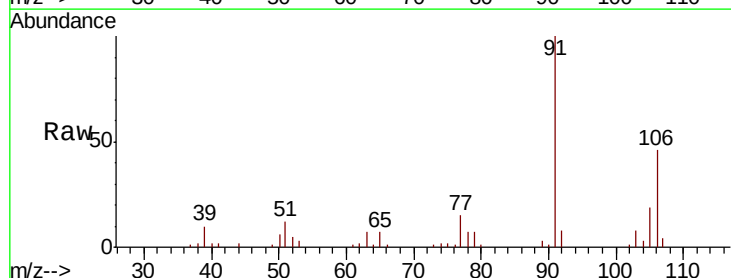


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

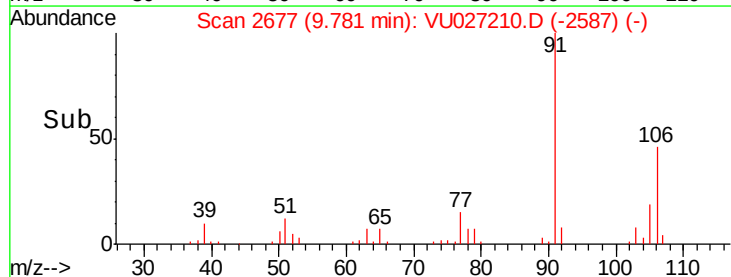
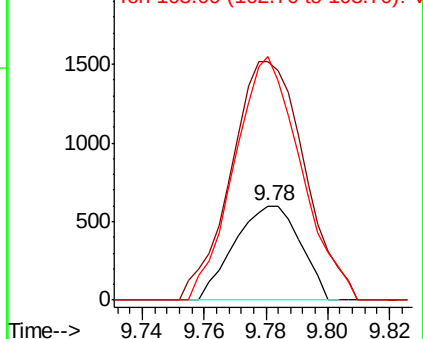


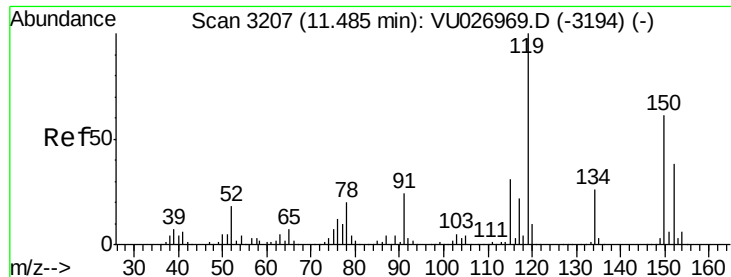
#70
Styrene
Concen: 1.982 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. -0.01 min
Lab File: VU027210.D
Acq: 27 Sep 2018 04:40

Tgt Ion:104 Resp: 886
Ion Ratio Lower Upper
104 100
78 282.6 43.0 64.4#
103 261.9 44.1 66.1#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V

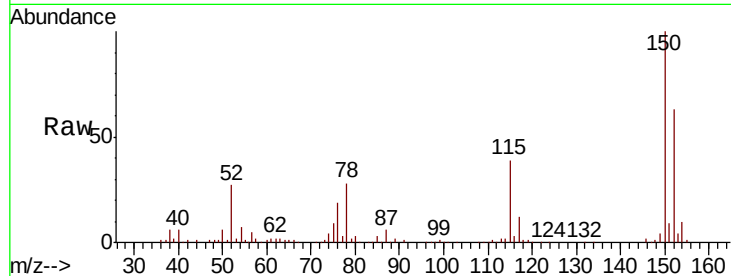




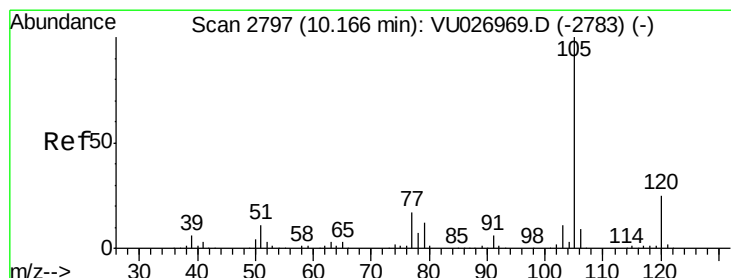
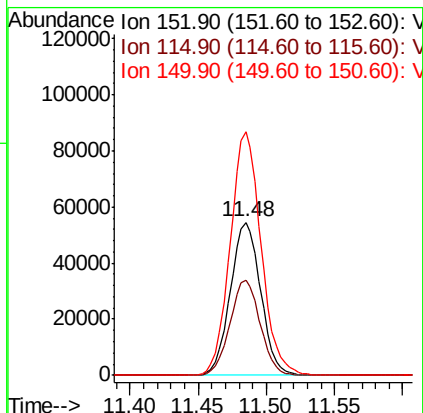
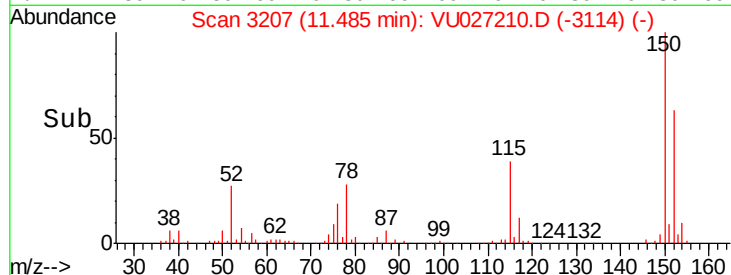
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.00 min
 Lab File: VU027210.D
 Acq: 27 Sep 2018 04:40

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-150-SEP18

Tgt Ion:152 Resp: 84023
 Ion Ratio Lower Upper
 152 100
 115 62.1 44.9 134.5
 150 162.3 0.0 355.8

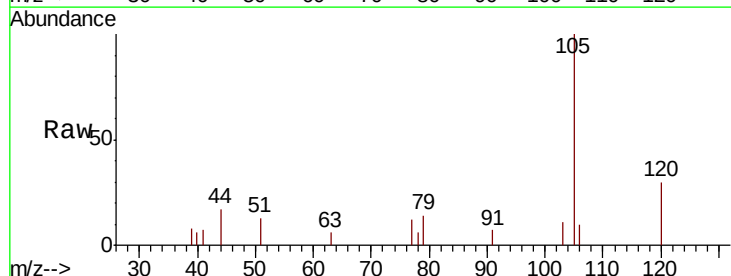


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

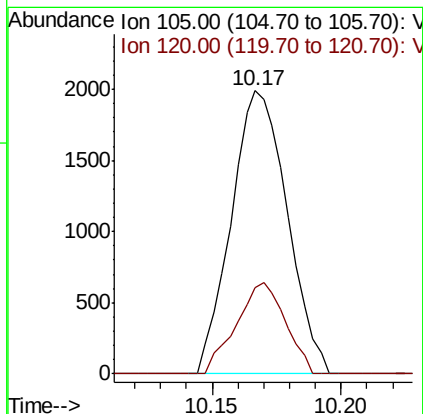
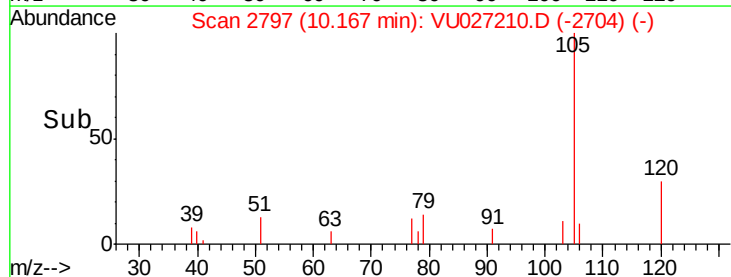


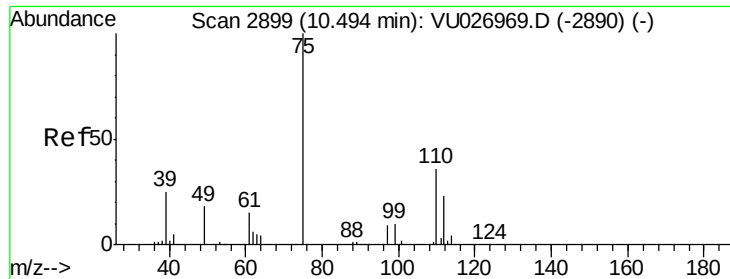
#73
 Isopropylbenzene
 Concen: 0.469 ug/l
 RT: 10.17 min Scan# 2797
 Delta R.T. 0.00 min
 Lab File: VU027210.D
 Acq: 27 Sep 2018 04:40

Tgt Ion:105 Resp: 2997
 Ion Ratio Lower Upper
 105 100
 120 28.3 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

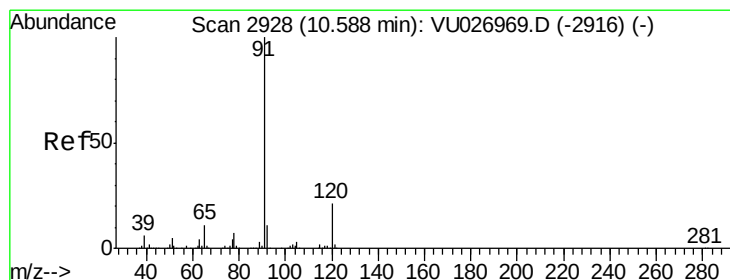
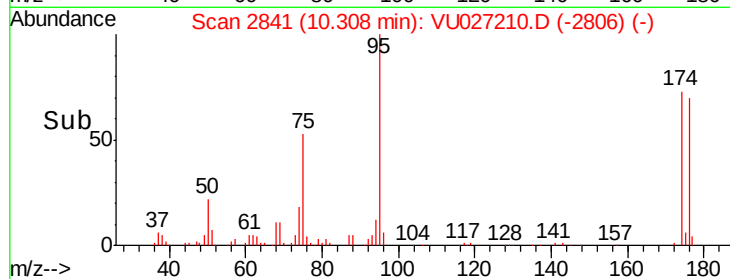
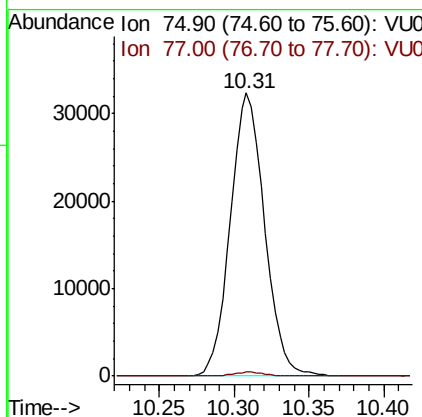
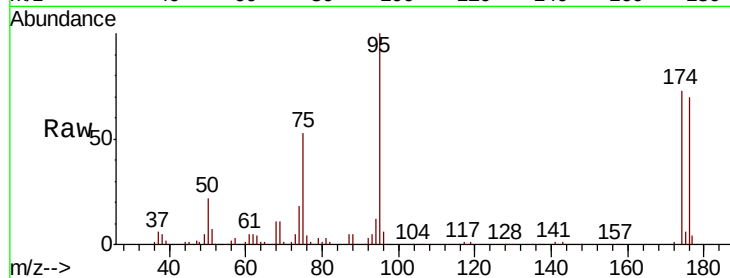




#76
 1,2,3-Trichloropropane
 Concen: 20.220 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.19 min
 Lab File: VU027210.D
 Acq: 27 Sep 2018 04:40

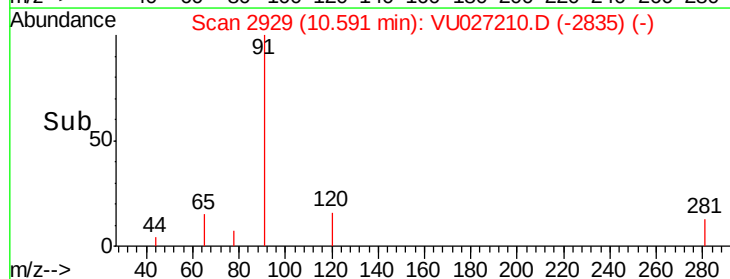
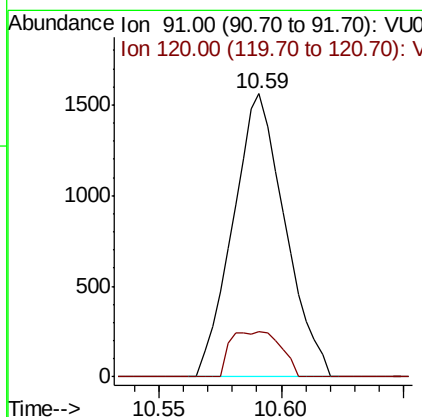
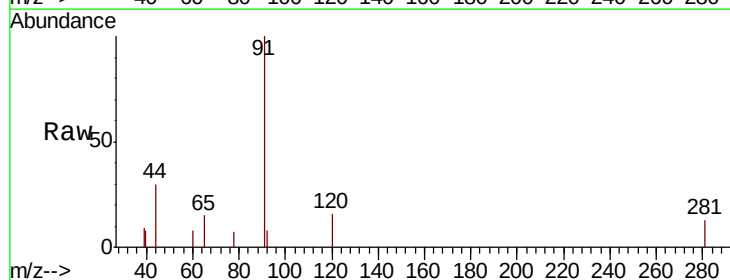
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-150-SEP18

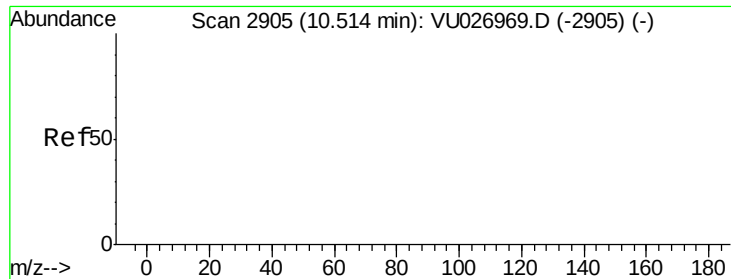
Tgt Ion: 75 Resp: 51613
 Ion Ratio Lower Upper
 75 100
 77 1.3 20.9 62.8#



#78
 n-propylbenzene
 Concen: 0.305 ug/l
 RT: 10.59 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VU027210.D
 Acq: 27 Sep 2018 04:40

Tgt Ion: 91 Resp: 2310
 Ion Ratio Lower Upper
 91 100
 120 15.4 10.6 31.8

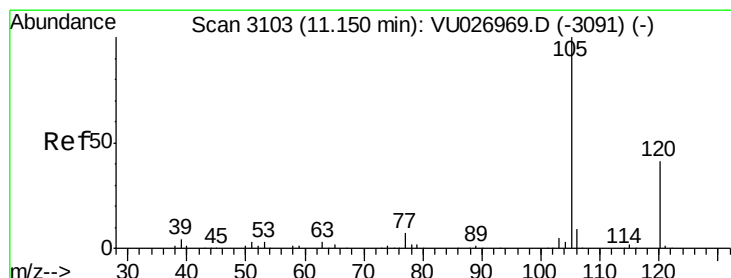
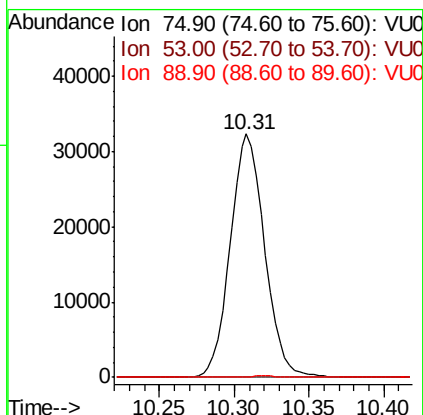
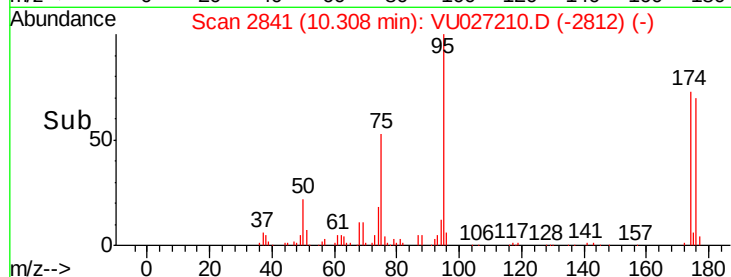
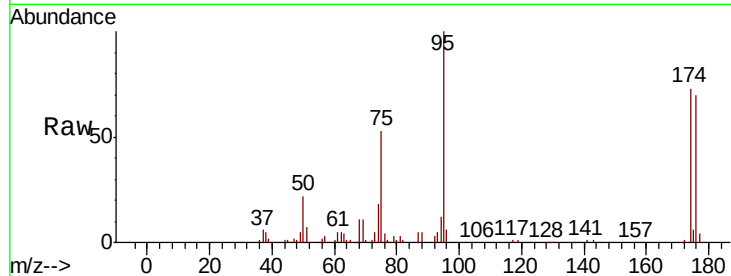




#81
trans-1,4-Dichloro-2-butene
Concen: 64.707 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.21 min
Lab File: VU027210.D
Acq: 27 Sep 2018 04:40

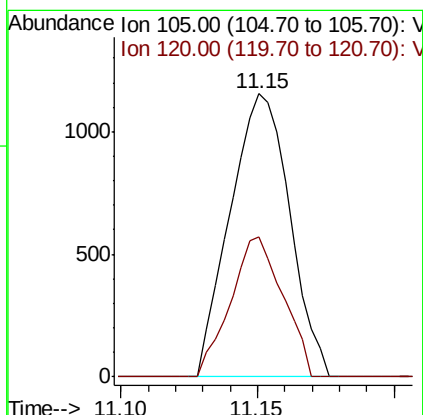
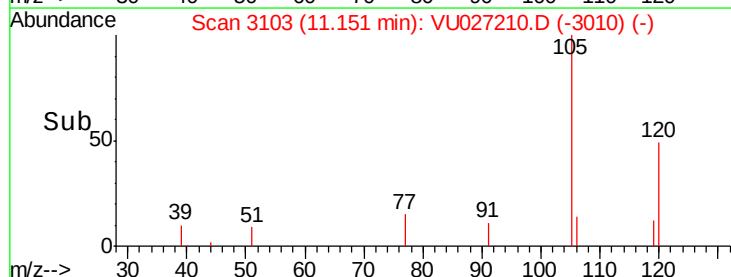
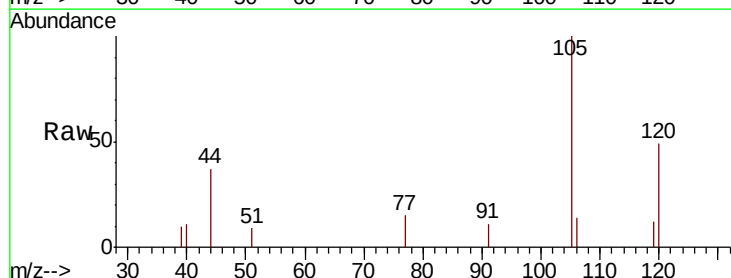
Instrument :
MSVOA_U
ClientSampleId :
MW-150-SEP18

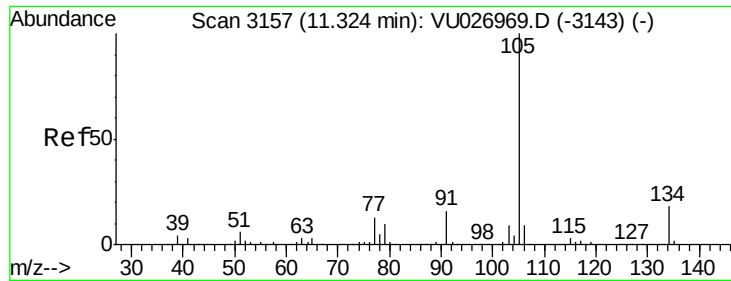
Tgt Ion: 75 Resp: 51613
Ion Ratio Lower Upper
75 100
53 0.2 0.0 0.0#
89 0.4 0.0 0.0#



#84
1,2,4-Trimethylbenzene
Concen: 0.326 ug/l
RT: 11.15 min Scan# 3103
Delta R.T. 0.00 min
Lab File: VU027210.D
Acq: 27 Sep 2018 04:40

Tgt Ion: 105 Resp: 1748
Ion Ratio Lower Upper
105 100
120 43.5 22.4 67.2

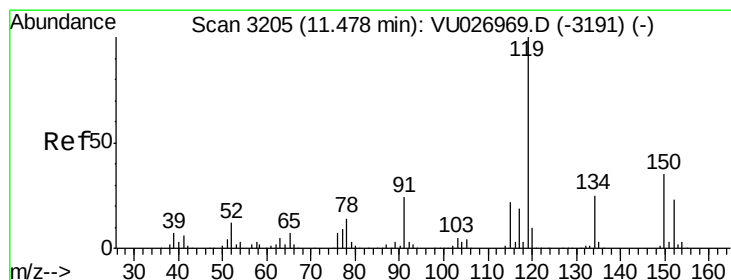
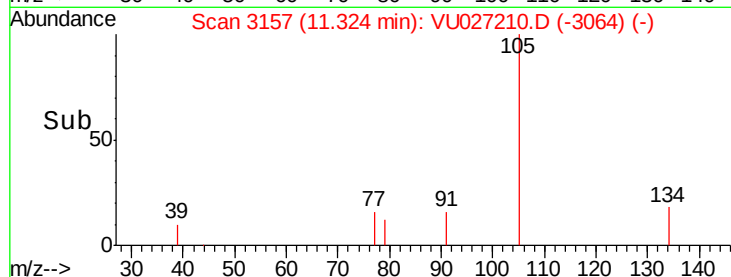
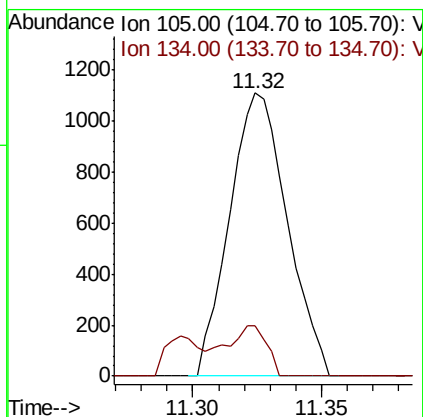
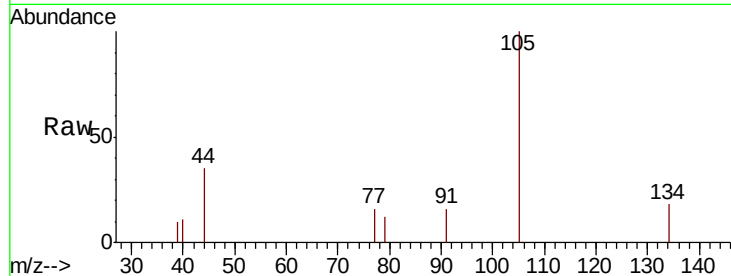




#85
 sec-Butylbenzene
 Concen: 0.272 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU027210.D
 Acq: 27 Sep 2018 04:40

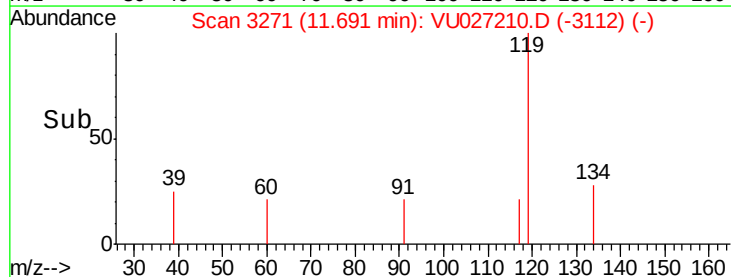
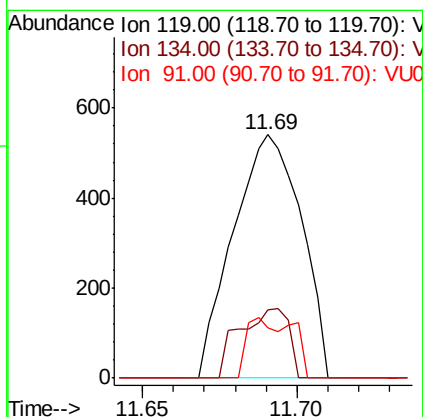
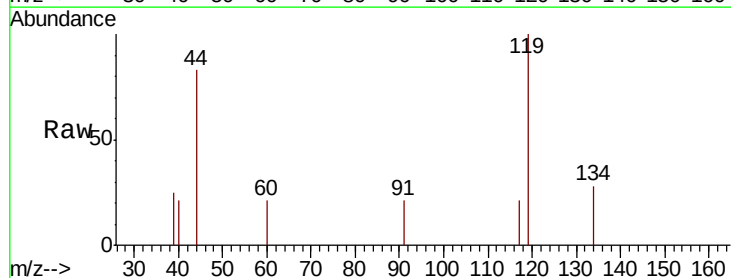
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-150-SEP18

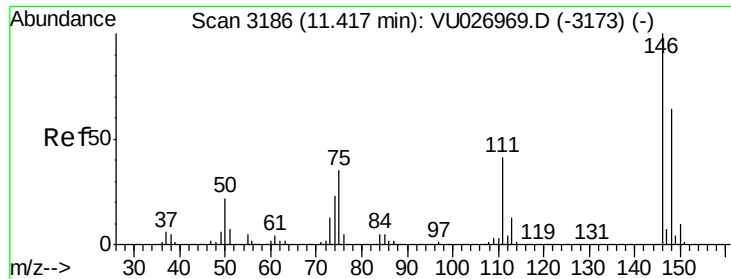
Tgt Ion:105 Resp: 1732
 Ion Ratio Lower Upper
 105 100
 134 8.8 9.4 28.2#



#86
 p-Isopropyltoluene
 Concen: 1.063 ug/l
 RT: 11.69 min Scan# 3271
 Delta R.T. 0.21 min
 Lab File: VU027210.D
 Acq: 27 Sep 2018 04:40

Tgt Ion:119 Resp: 827
 Ion Ratio Lower Upper
 119 100
 134 20.6 12.8 38.3
 91 16.7 12.3 36.8

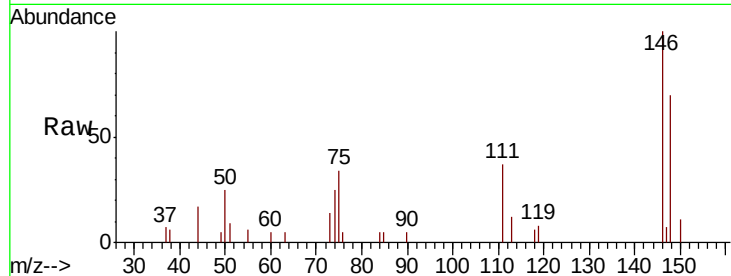




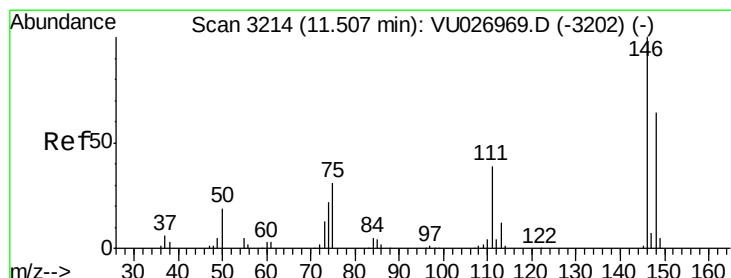
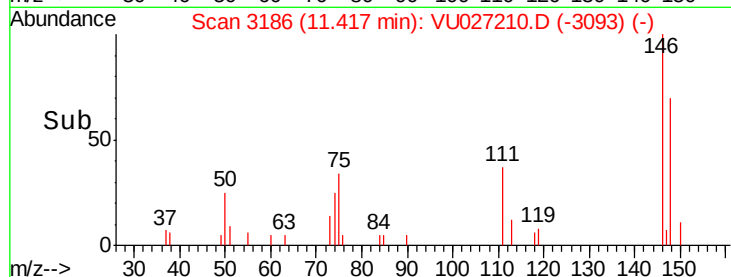
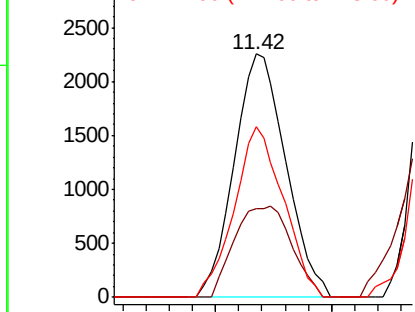
#87
 1,3-Dichlorobenzene
 Concen: 1.199 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU027210.D
 Acq: 27 Sep 2018 04:40

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-150-SEP18

Tgt Ion:146 Resp: 3485
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.8 62.2
 148 66.7 32.0 96.2

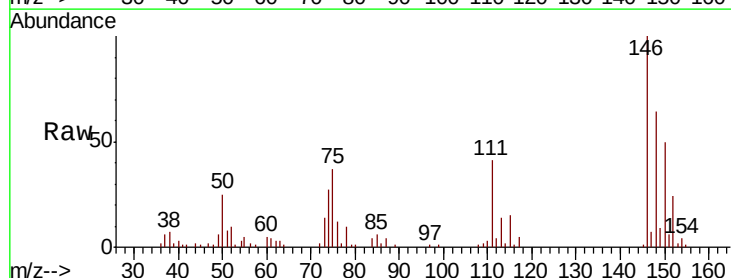


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

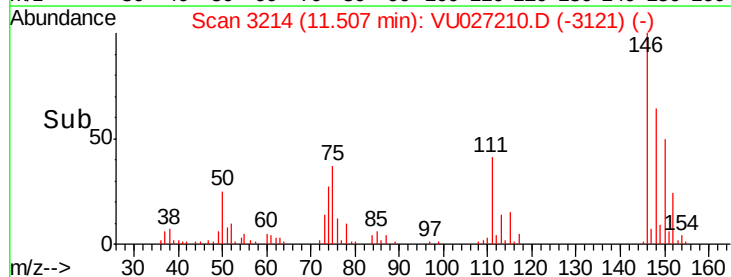
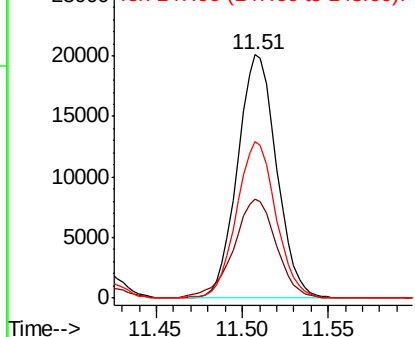


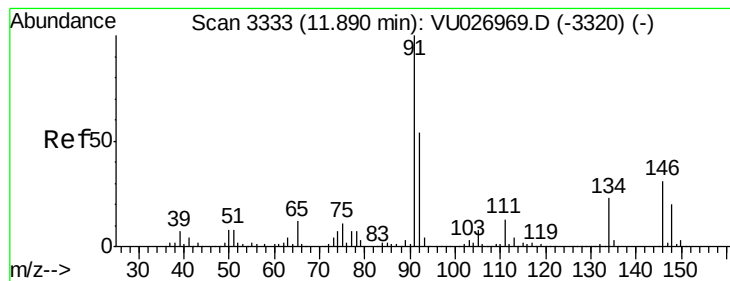
#88
 1,4-Dichlorobenzene
 Concen: 10.020 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027210.D
 Acq: 27 Sep 2018 04:40

Tgt Ion:146 Resp: 31742
 Ion Ratio Lower Upper
 146 100
 111 44.1 20.3 60.9
 148 64.6 31.9 95.9



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





#89

n-Butylbenzene

Concen: 2.634 ug/l

RT: 11.89 min Scan# 3333

Delta R.T. 0.00 min

Lab File: VU027210.D

Acq: 27 Sep 2018 04:40

Instrument :

MSVOA_U

ClientSampleId :

MW-150-SEP18

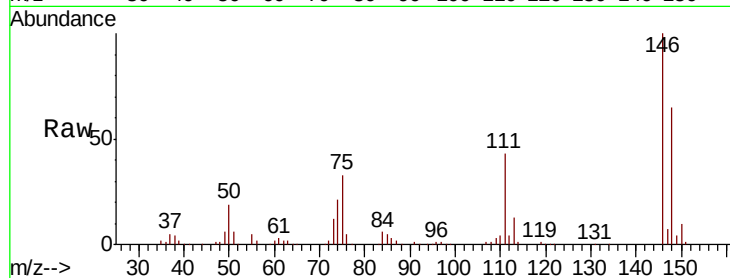
Tgt Ion: 91 Resp: 1469

Ion Ratio Lower Upper

91 100

92 45.6 27.1 81.2

134 48.3 11.7 35.0#

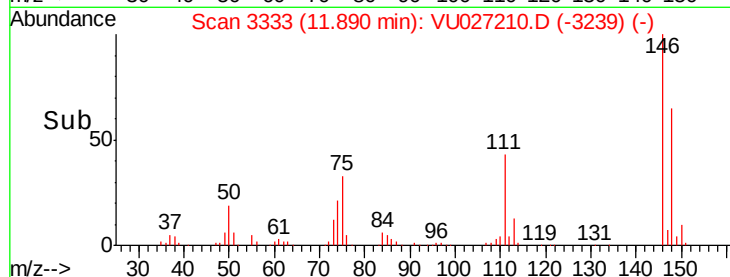


Abundance Ion 91.00 (90.70 to 91.70): VU026969.D (-3320) (-)

Ion 92.00 (91.70 to 92.70): VU026969.D (-3320) (-)

Ion 134.00 (133.70 to 134.70): VU026969.D (-3320) (-)

Time-->

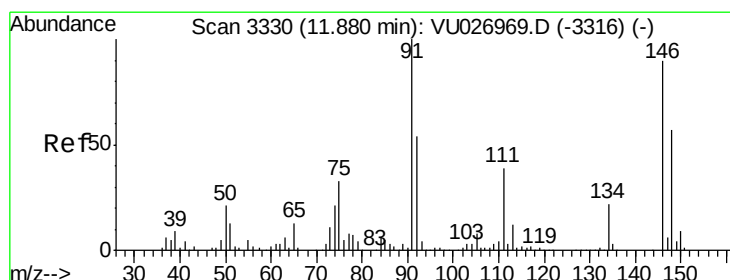


Abundance Ion 91.00 (90.70 to 91.70): VU027210.D (-3239) (-)

Ion 92.00 (91.70 to 92.70): VU027210.D (-3239) (-)

Ion 134.00 (133.70 to 134.70): VU027210.D (-3239) (-)

Time-->



#91

1,2-Dichlorobenzene

Concen: 81.713 ug/l

RT: 11.88 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VU027210.D

Acq: 27 Sep 2018 04:40

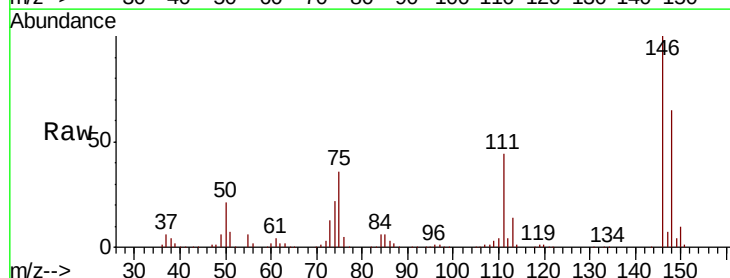
Tgt Ion: 146 Resp: 252281

Ion Ratio Lower Upper

146 100

111 44.3 21.8 65.3

148 64.7 31.9 95.7

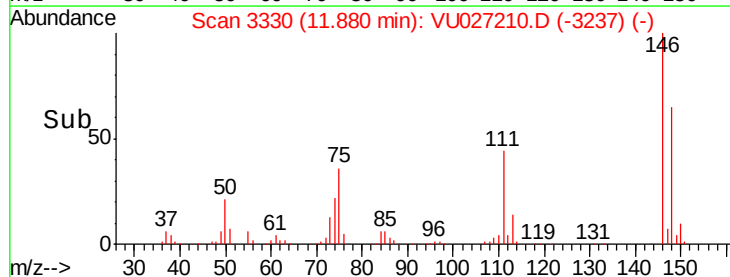


Abundance Ion 145.90 (145.60 to 146.60): VU026969.D (-3316) (-)

Ion 110.90 (110.60 to 111.60): VU026969.D (-3316) (-)

Ion 147.90 (147.60 to 148.60): VU026969.D (-3316) (-)

Time-->

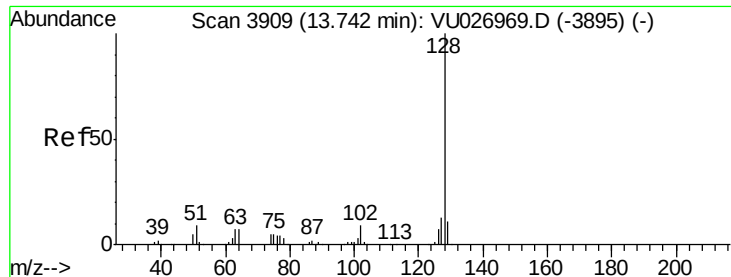


Abundance Ion 145.90 (145.60 to 146.60): VU027210.D (-3237) (-)

Ion 110.90 (110.60 to 111.60): VU027210.D (-3237) (-)

Ion 147.90 (147.60 to 148.60): VU027210.D (-3237) (-)

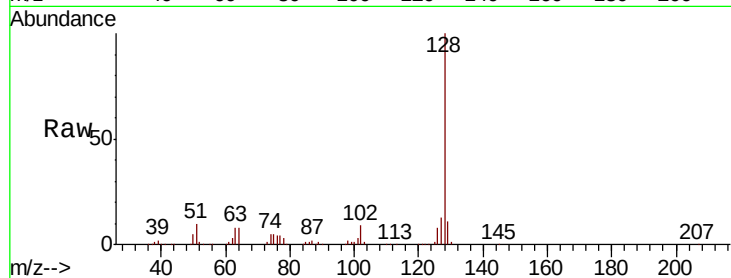
Time-->



#95
Naphthalene
Concen: 52.767 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027210.D
Acq: 27 Sep 2018 04:40

Instrument :
MSVOA_U
ClientSampleId :
MW-150-SEP18

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	15.8
129	10.9	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

