

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092618\
 Data File : VU027206.D
 Acq On : 27 Sep 2018 03:07
 Operator : MD/SY
 Sample : J5048-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-144-SEP18

Quant Time: Sep 27 04:24:33 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	112339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	185207	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	176652	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	82966	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	105616	46.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.42%	
35) Dibromofluoromethane	4.88	113	76807	47.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.68%	
50) Toluene-d8	7.57	98	291940	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	
62) 4-Bromofluorobenzene	10.31	95	98017	46.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.38%	

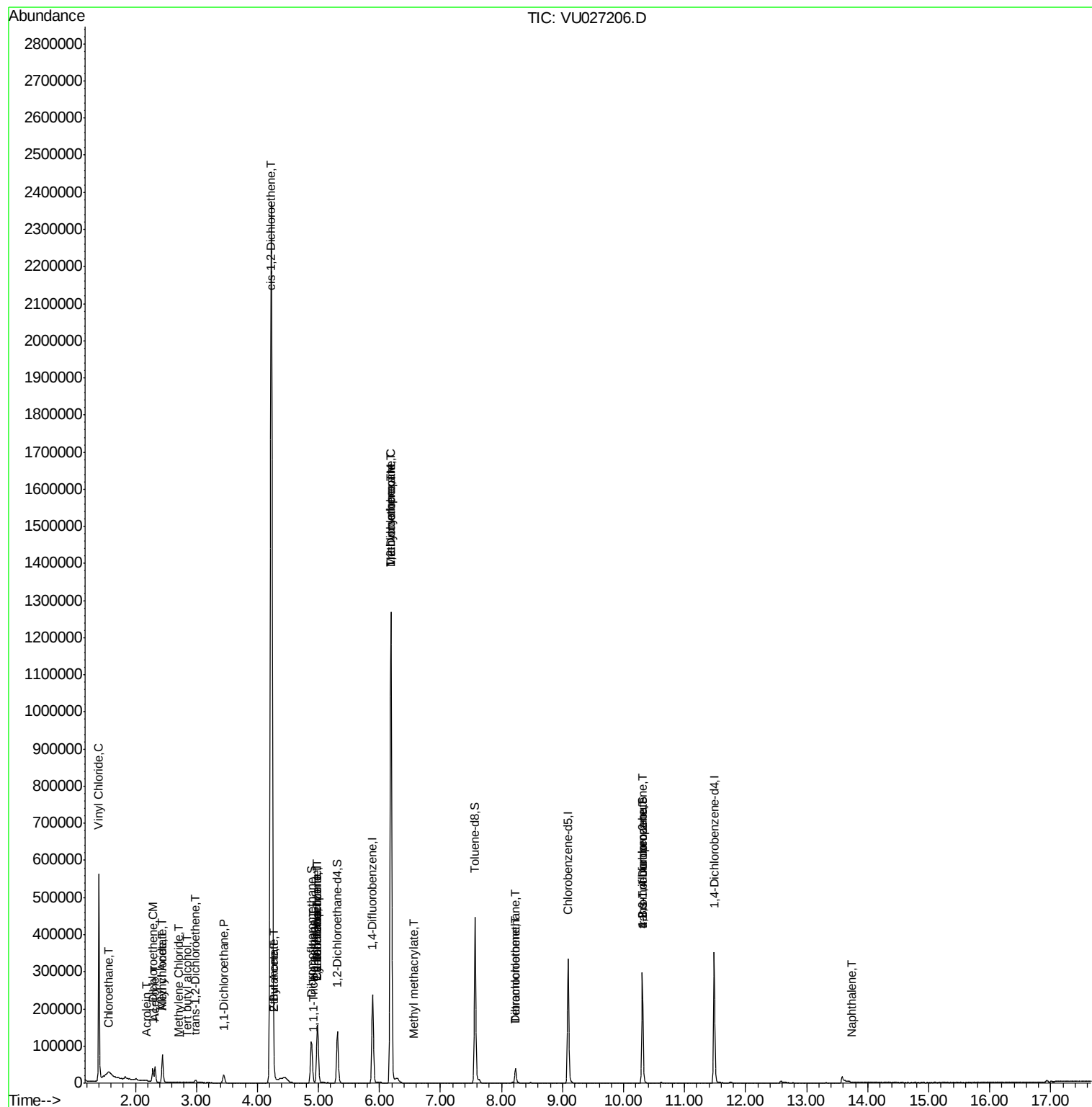
Target Compounds				Qvalue		
4) Vinyl Chloride	1.40	62	350656	148.550	ug/l	99
6) Chloroethane	1.58	64	50369	33.396	ug/l #	50
11) Tert butyl alcohol	2.83	59	791	1.526	ug/l #	72
12) 1,1-Dichloroethene	2.29	96	10437	6.727	ug/l	96
13) Acrolein	2.20	56	236	0.845	ug/l #	51
14) Allyl chloride	2.44	41	7674	2.439	ug/l #	74
16) Acetone	2.32	43	45939	23.199	ug/l	100
18) Methyl Acetate	2.44	43	16553	5.144	ug/l #	55
20) Methylene Chloride	2.70	84	421	0.208	ug/l #	78
21) trans-1,2-Dichloroethene	2.98	96	2647	1.598	ug/l	84
24) 1,1-Dichloroethane	3.45	63	25023	6.750	ug/l	99
25) 2-Butanone	4.28	43	2202	1.159	ug/l #	90
27) cis-1,2-Dichloroethene	4.23	96	1240212	662.933	ug/l	90
31) Cyclohexane	4.98	56	2720	0.235	ug/l #	1
32) 1,1,1-Trichloroethane	4.93	97	1102	0.401	ug/l #	38
36) 1,1-Dichloropropene	4.98	75	9984	4.039	ug/l #	49
37) Ethyl Acetate	4.28	43	2202	0.658	ug/l #	70
38) Carbon Tetrachloride	4.98	117	11579	4.923	ug/l #	19
39) Methylcyclohexane	6.19	83	5460	2.033	ug/l #	1
44) Trichloroethene	6.19	130	417747	261.140	ug/l	100
45) 1,2-Dichloropropane	6.18	63	1442	0.673	ug/l #	1
48) Methyl methacrylate	6.56	41	89	1.045	ug/l #	17
60) Dibromochloromethane	8.23	129	8798	4.915	ug/l #	11
64) Tetrachloroethene	8.23	164	8849	6.501	ug/l	96
76) 1,2,3-Trichloropropane	10.31	75	51874	20.581	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	51874	65.863	ug/l #	100
95) Naphthalene	13.75	128	350	1.738	ug/l #	69

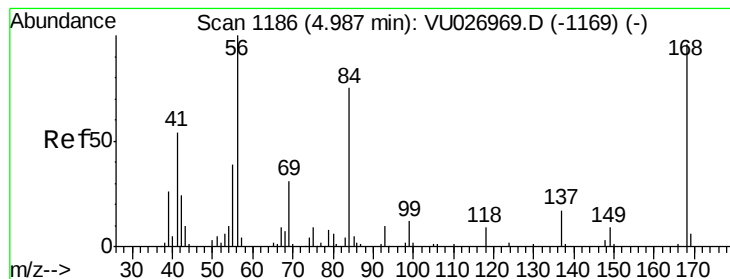
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Sep 22 01:31:57 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027206.D

Acq: 27 Sep 2018 03:07

Instrument :

MSVOA_U

ClientSampleId :

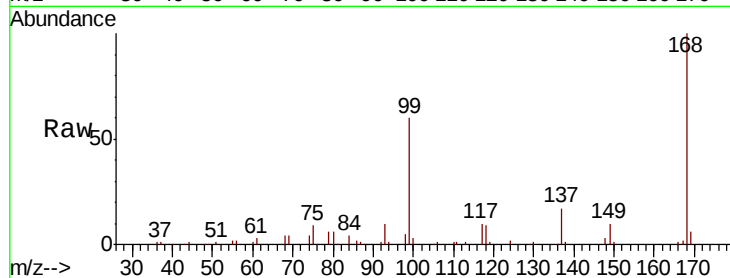
MW-144-SEP18

Tgt Ion:168 Resp: 112339

Ion Ratio Lower Upper

168 100

99 59.6 48.1 72.1



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

Ion 98.90 (98.60 to 99.60): VU027206.D (-1093) (-)

4.99

60000

50000

40000

30000

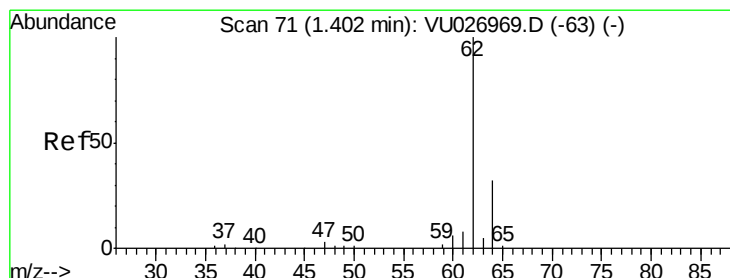
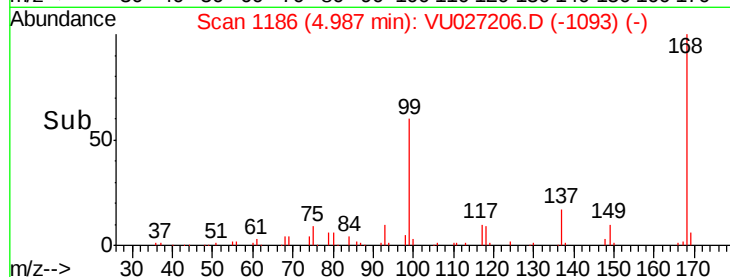
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#4

Vinyl Chloride

Concen: 148.550 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027206.D

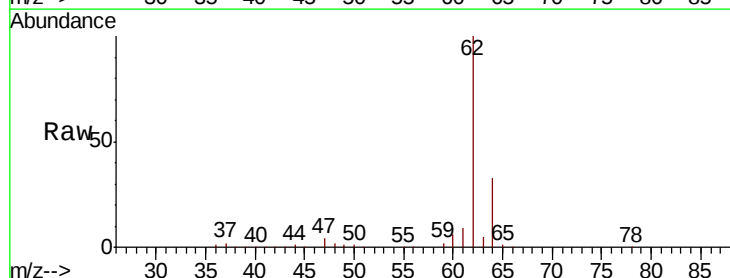
Acq: 27 Sep 2018 03:07

Tgt Ion: 62 Resp: 350656

Ion Ratio Lower Upper

62 100

64 32.4 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VU026969.D (-63) (-)

Ion 63.90 (63.60 to 64.60): VU027206.D (-1) (-)

1.40

400000

300000

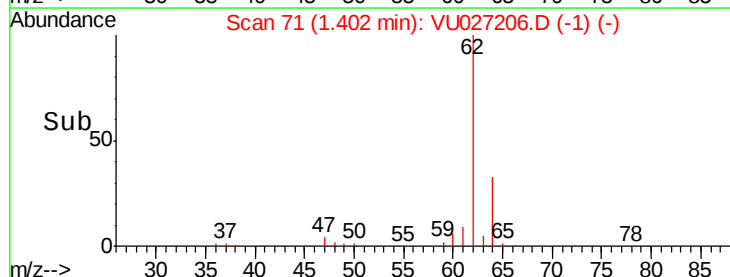
200000

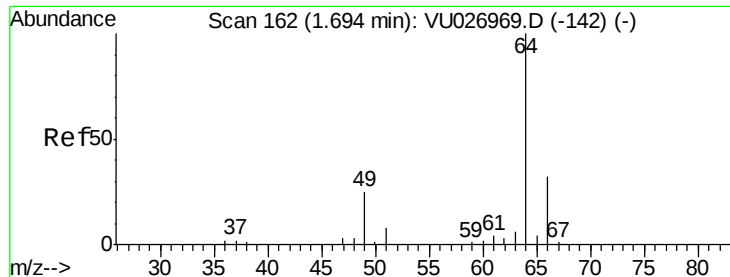
100000

0

1.35 1.40 1.45

Time-->





#6

Chloroethane

Concen: 33.396 ug/l

RT: 1.58 min Scan# 126

Delta R.T. -0.12 min

Lab File: VU027206.D

Acq: 27 Sep 2018 03:07

Instrument :

MSVOA_U

ClientSampleId :

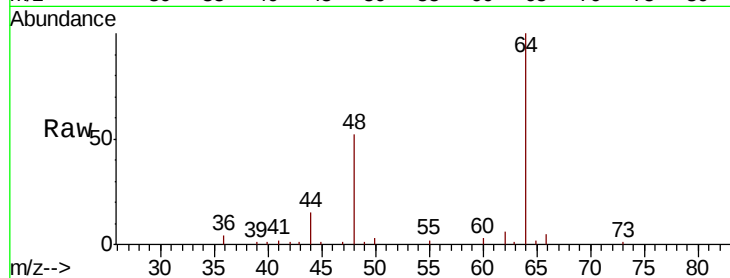
MW-144-SEP18

Tgt Ion: 64 Resp: 50369

Ion Ratio Lower Upper

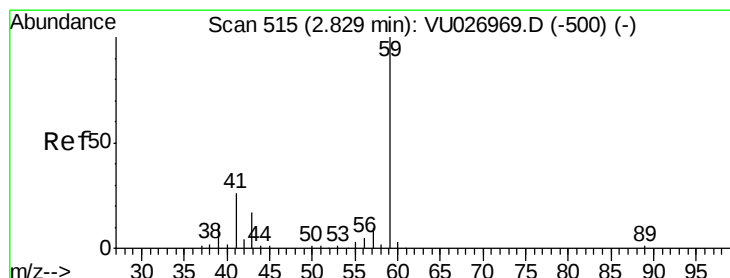
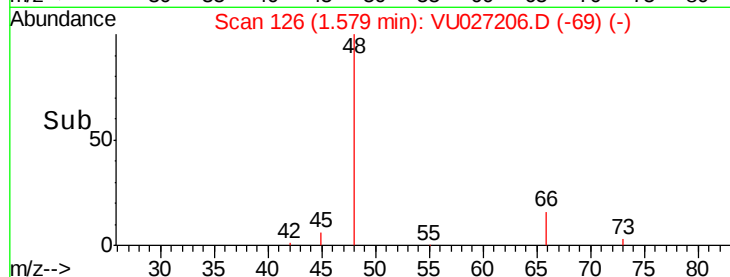
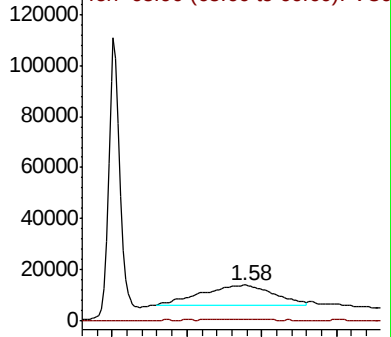
64 100

66 3.8 25.3 37.9#



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



#11

Tert butyl alcohol

Concen: 1.526 ug/l

RT: 2.83 min Scan# 516

Delta R.T. 0.00 min

Lab File: VU027206.D

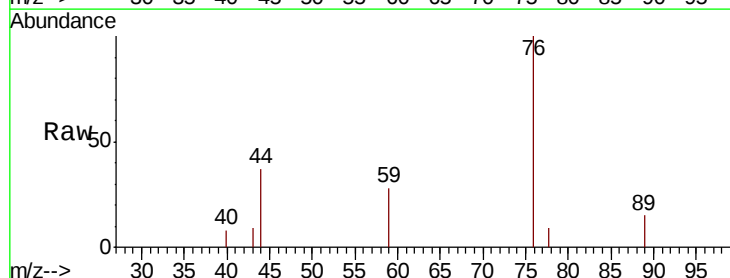
Acq: 27 Sep 2018 03:07

Tgt Ion: 59 Resp: 791

Ion Ratio Lower Upper

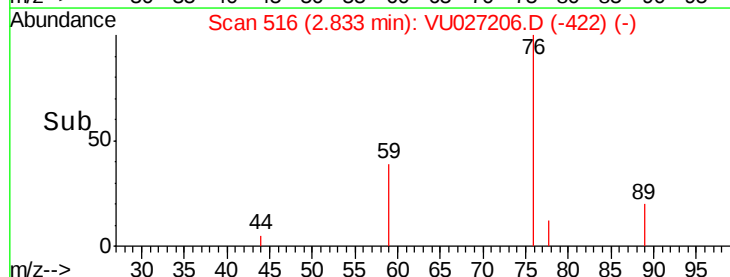
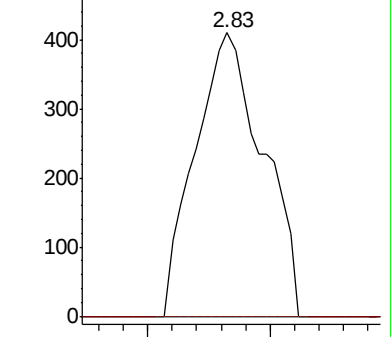
59 100

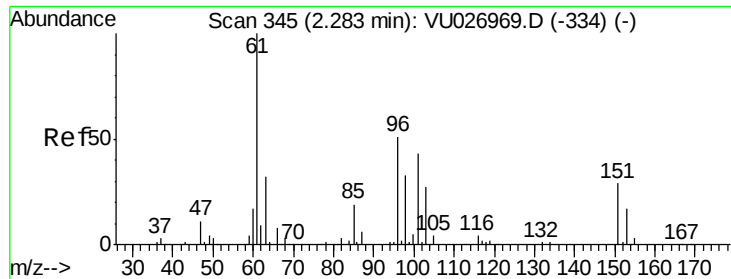
57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0





#12

1,1-Dichloroethene

Concen: 6.727 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU027206.D

Acq: 27 Sep 2018 03:07

Instrument :

MSVOA_U

ClientSampleId :

MW-144-SEP18

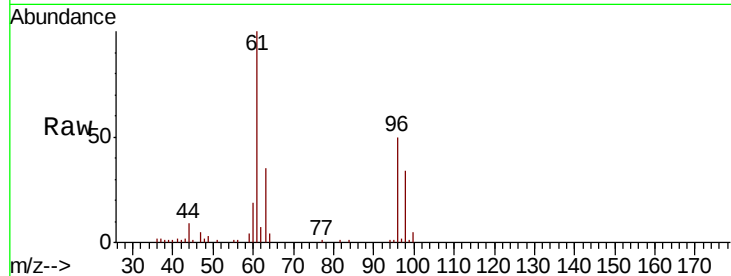
Tgt Ion: 96 Resp: 10437

Ion Ratio Lower Upper

96 100

61 201.1 156.1 234.1

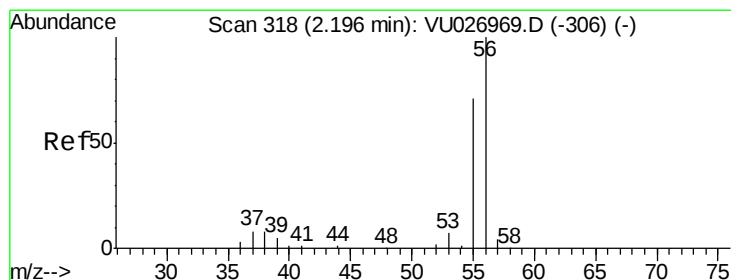
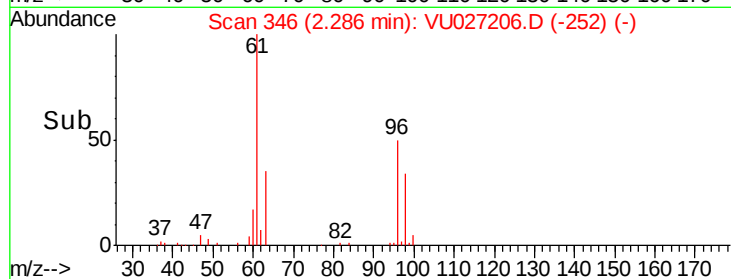
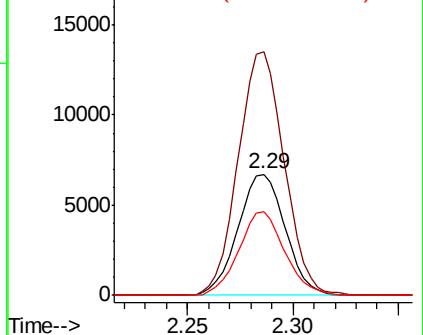
98 68.9 51.4 77.0



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



#13

Acrolein

Concen: 0.845 ug/l

RT: 2.20 min Scan# 318

Delta R.T. 0.00 min

Lab File: VU027206.D

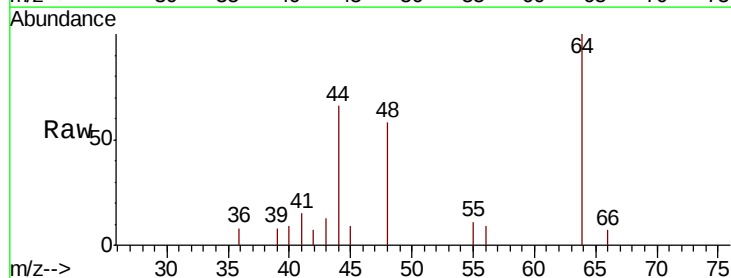
Acq: 27 Sep 2018 03:07

Tgt Ion: 56 Resp: 236

Ion Ratio Lower Upper

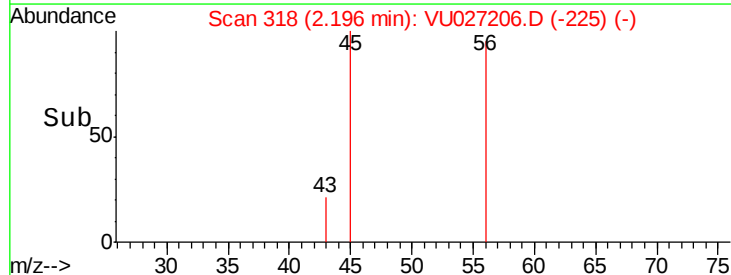
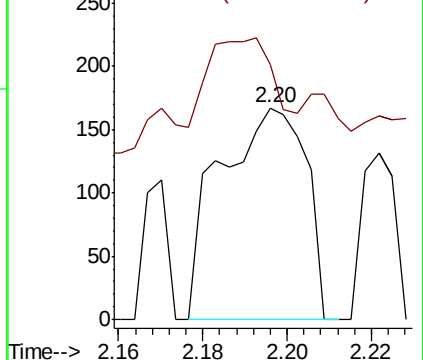
56 100

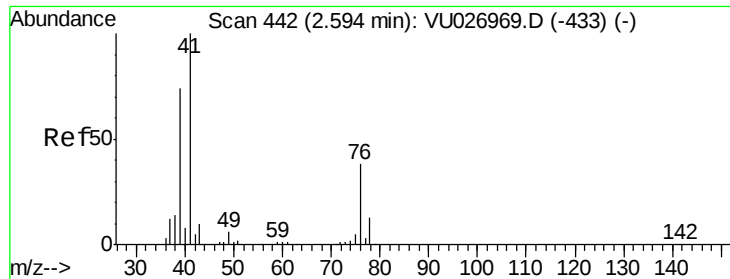
55 30.9 57.1 85.7#



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

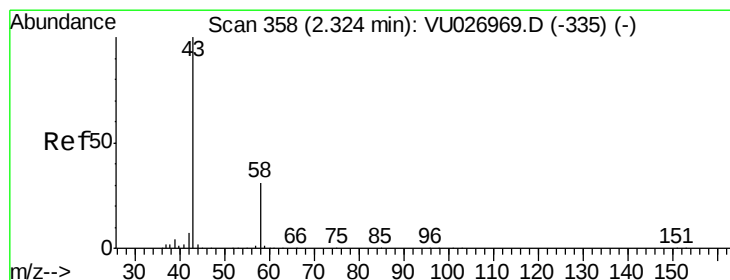
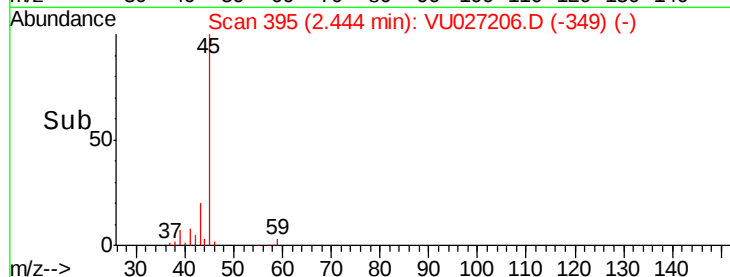
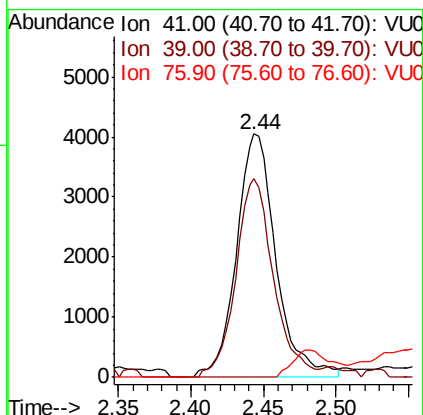
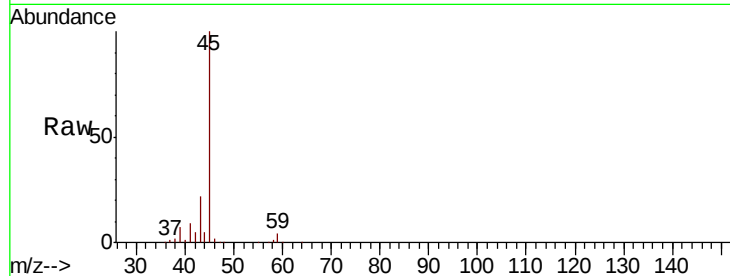




#14
 Allyl chloride
 Concen: 2.439 ug/l
 RT: 2.44 min Scan# 395
 Delta R.T. -0.15 min
 Lab File: VU027206.D
 Acq: 27 Sep 2018 03:07

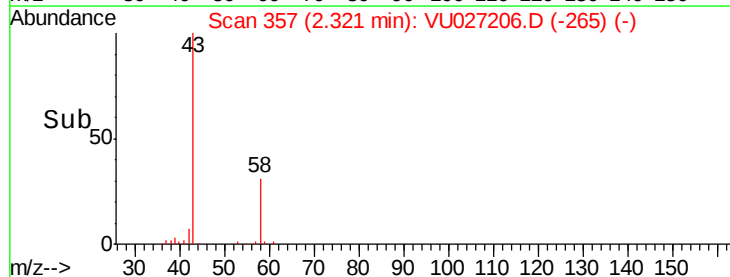
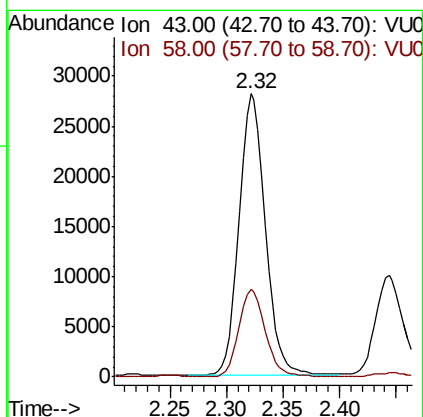
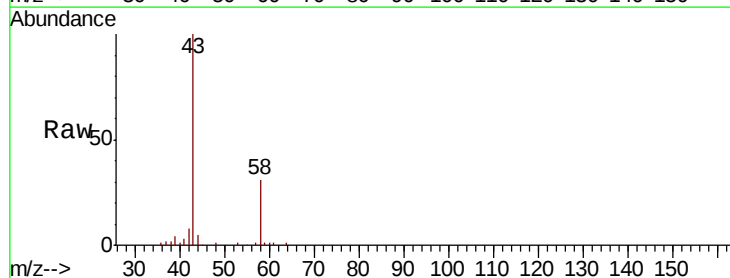
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-144-SEP18

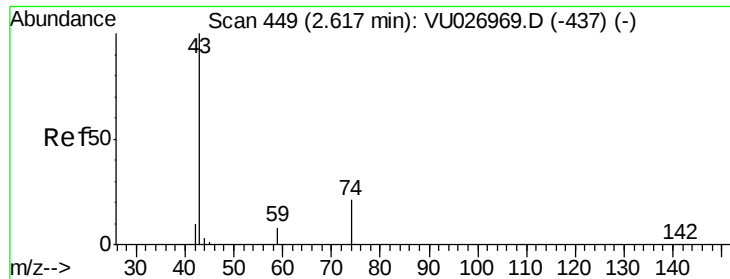
Tgt Ion: 41 Resp: 7674
 Ion Ratio Lower Upper
 41 100
 39 77.9 55.7 83.5
 76 0.0 26.5 39.7#



#16
 Acetone
 Concen: 23.199 ug/l
 RT: 2.32 min Scan# 357
 Delta R.T. -0.00 min
 Lab File: VU027206.D
 Acq: 27 Sep 2018 03:07

Tgt Ion: 43 Resp: 45939
 Ion Ratio Lower Upper
 43 100
 58 30.9 24.6 36.8





#18

Methyl Acetate

Concen: 5.144 ug/l

RT: 2.44 min Scan# 395

Delta R.T. -0.17 min

Lab File: VU027206.D

Acq: 27 Sep 2018 03:07

Instrument :

MSVOA_U

ClientSampleId :

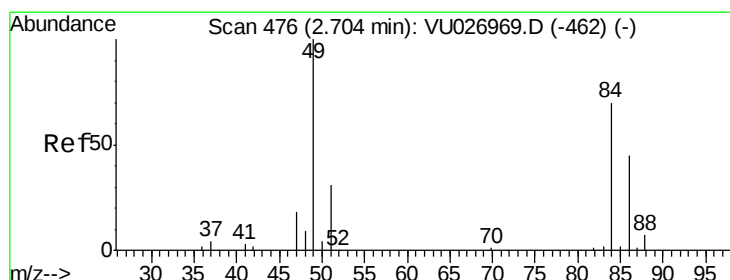
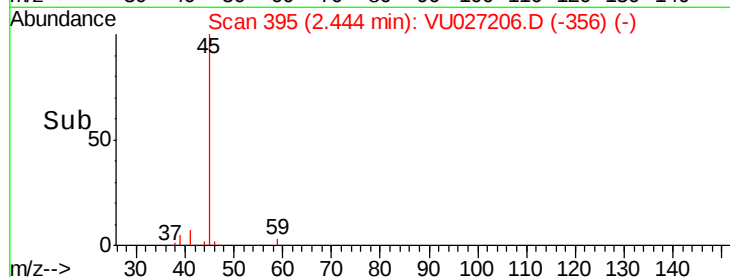
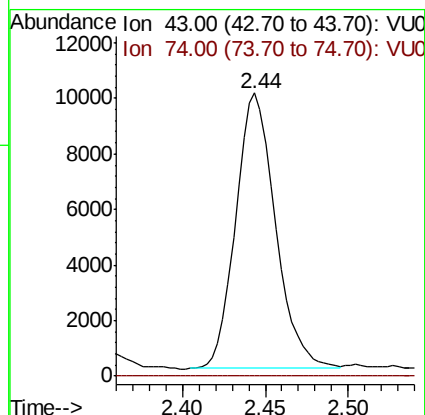
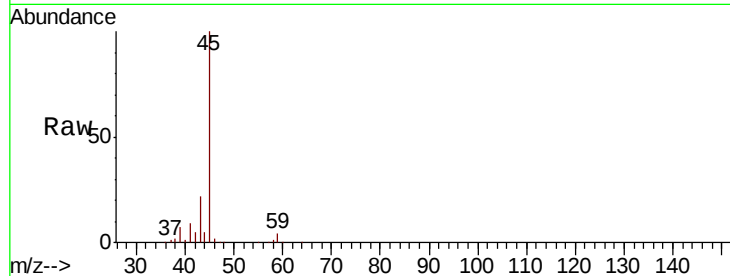
MW-144-SEP18

Tgt Ion: 43 Resp: 16553

Ion Ratio Lower Upper

43 100

74 0.0 16.6 25.0#



#20

Methylene Chloride

Concen: 0.208 ug/l

RT: 2.70 min Scan# 476

Delta R.T. 0.00 min

Lab File: VU027206.D

Acq: 27 Sep 2018 03:07

Tgt Ion: 84 Resp: 421

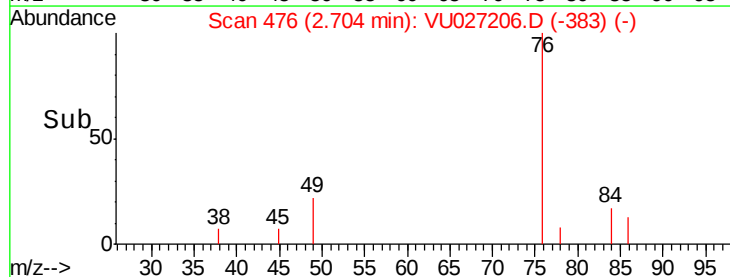
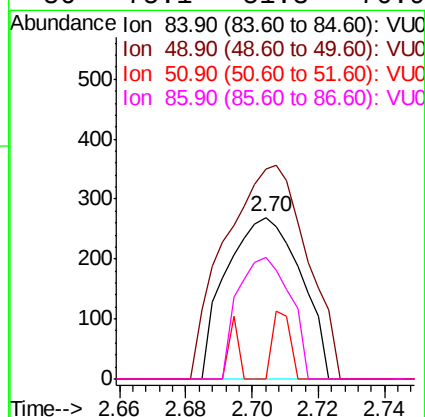
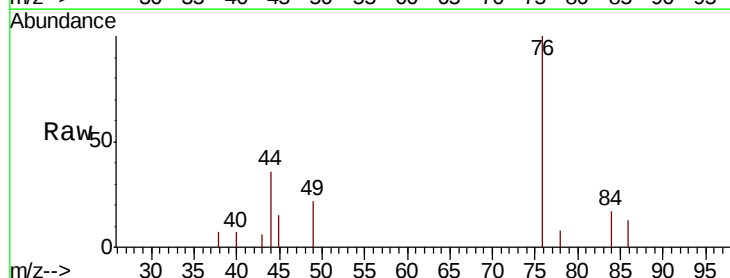
Ion Ratio Lower Upper

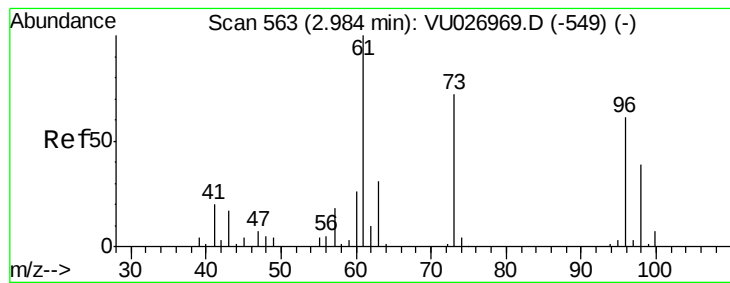
84 100

49 129.7 114.9 172.3

51 0.0 35.8 53.8#

86 75.1 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 1.598 ug/l

RT: 2.98 min Scan# 562

Delta R.T. -0.00 min

Lab File: VU027206.D

Acq: 27 Sep 2018 03:07

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MW-144-SEP18

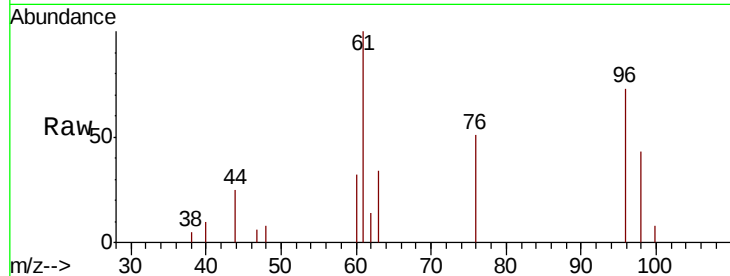
Tgt Ion: 96 Resp: 2647

Ion Ratio Lower Upper

96 100

61 136.8 131.8 197.6

98 59.4 50.9 76.3

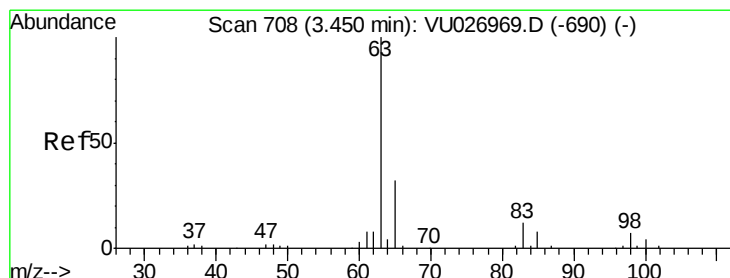
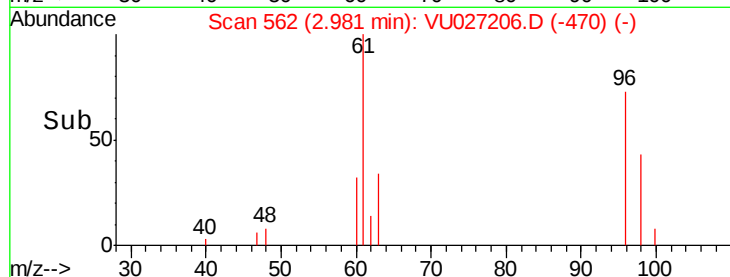
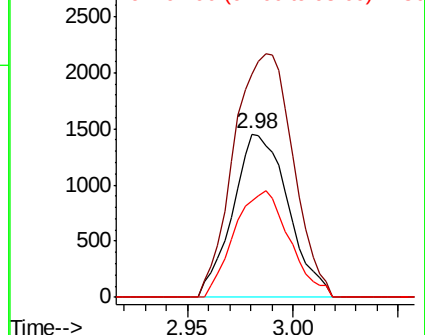


Abundance

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



#24

1,1-Dichloroethane

Concen: 6.750 ug/l

RT: 3.45 min Scan# 708

Delta R.T. 0.00 min

Lab File: VU027206.D

Acq: 27 Sep 2018 03:07

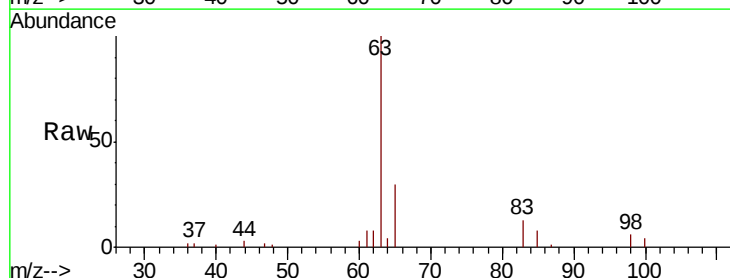
Tgt Ion: 63 Resp: 25023

Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.8

100 3.6 2.0 5.8

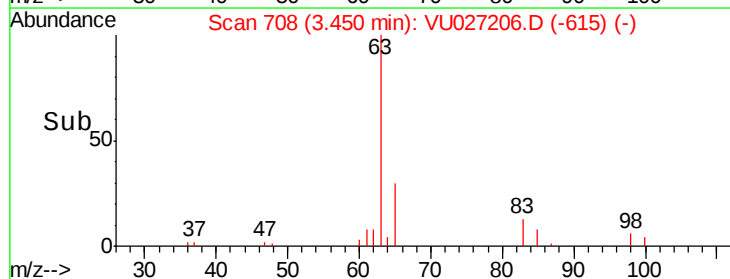
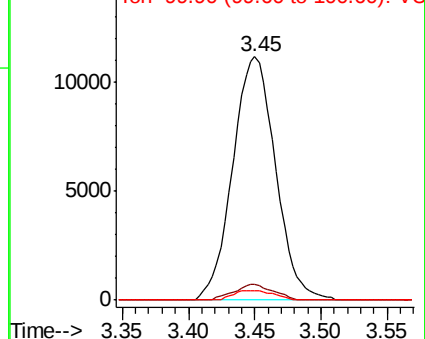


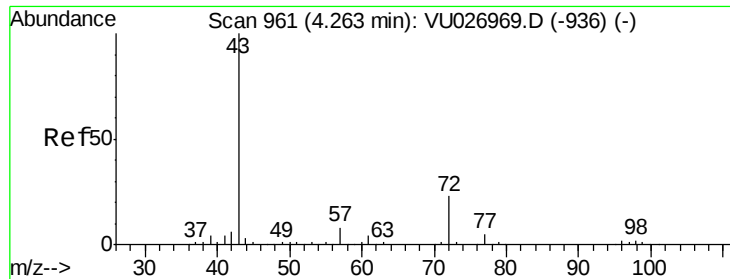
Abundance

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





#25

2-Butanone

Concen: 1.159 ug/l

RT: 4.28 min Scan# 967

Delta R.T. 0.02 min

Lab File: VU027206.D

Acq: 27 Sep 2018 03:07

Instrument :

MSVOA_U

ClientSampleId :

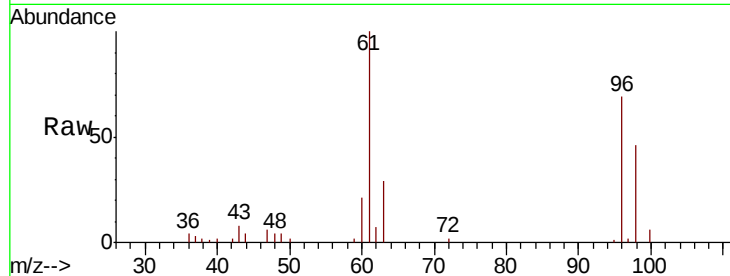
MW-144-SEP18

Tgt Ion: 43 Resp: 2202

Ion Ratio Lower Upper

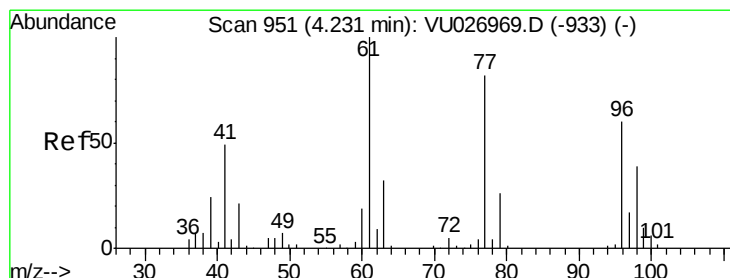
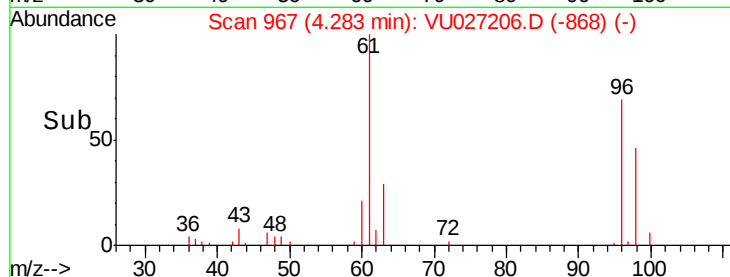
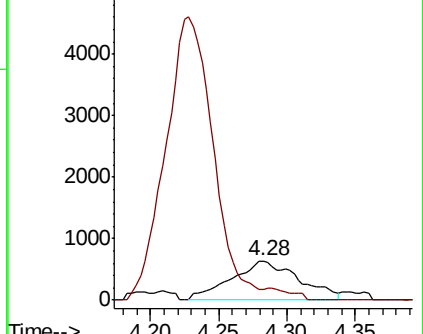
43 100

72 27.8 18.4 27.6#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#27

cis-1,2-Dichloroethene

Concen: 662.933 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027206.D

Acq: 27 Sep 2018 03:07

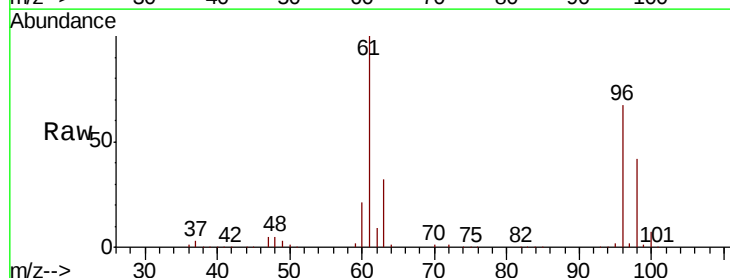
Tgt Ion: 96 Resp: 1240212

Ion Ratio Lower Upper

96 100

61 149.5 0.0 337.2

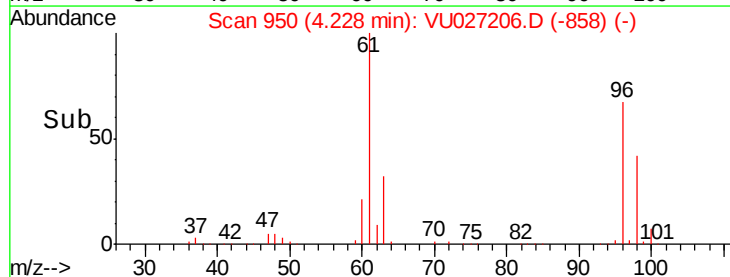
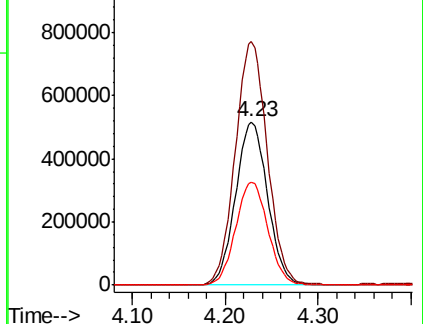
98 63.6 0.0 127.6

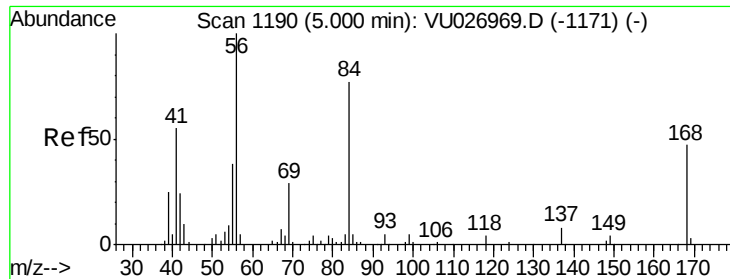


Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

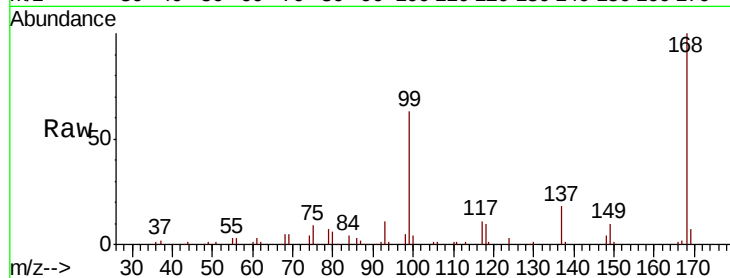




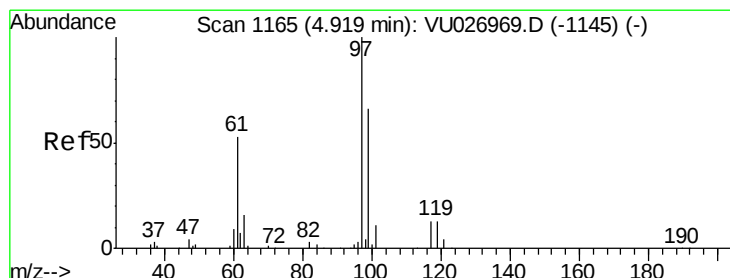
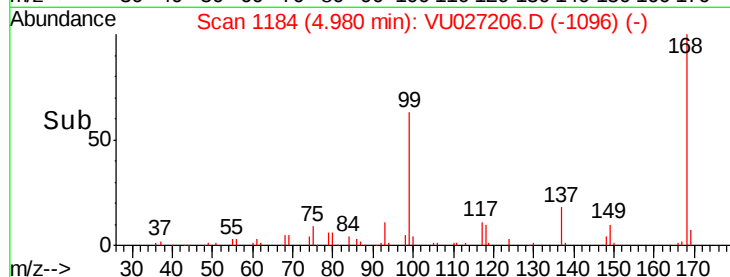
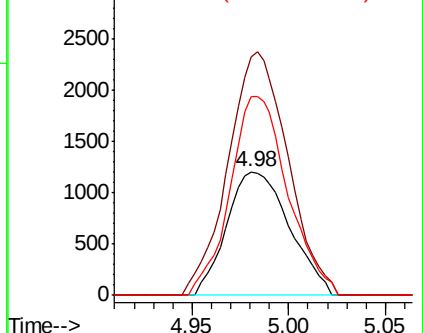
#31
Cyclohexane
Concen: 0.235 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. -0.02 min
Lab File: VU027206.D
Acq: 27 Sep 2018 03:07

Instrument :
MSVOA_U
ClientSampleId :
MW-144-SEP18

Tgt Ion: 56 Resp: 2720
Ion Ratio Lower Upper
56 100
69 193.0 23.0 34.4#
84 160.9 61.4 92.2#

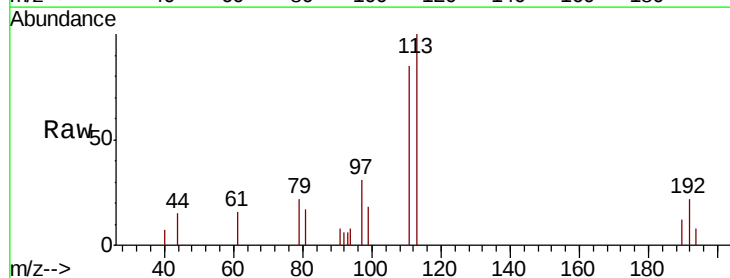


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

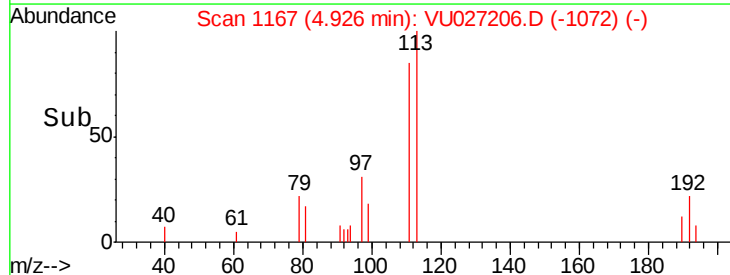
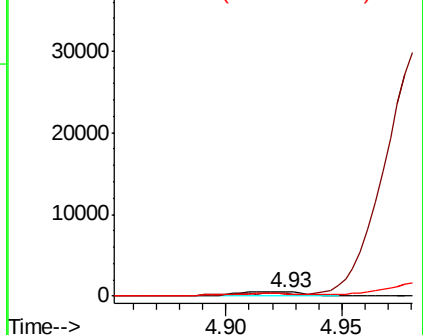


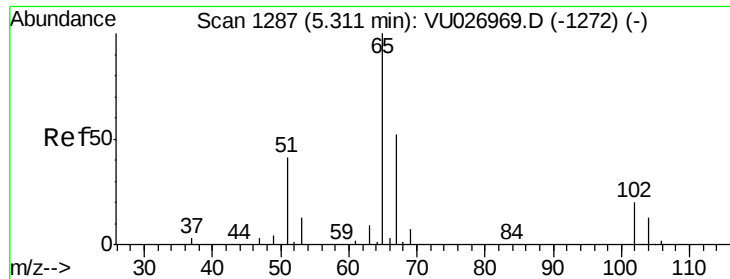
#32
1,1,1-Trichloroethane
Concen: 0.401 ug/l
RT: 4.93 min Scan# 1167
Delta R.T. 0.01 min
Lab File: VU027206.D
Acq: 27 Sep 2018 03:07

Tgt Ion: 97 Resp: 1102
Ion Ratio Lower Upper
97 100
99 0.0 51.8 77.6#
61 77.0 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

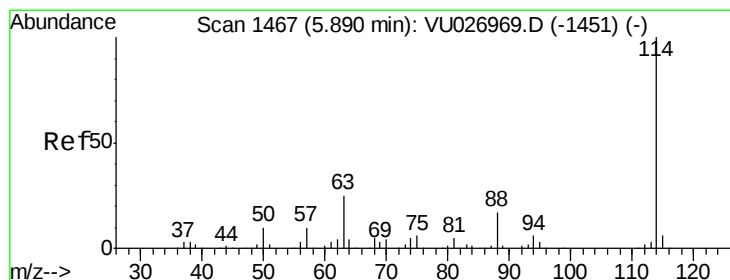
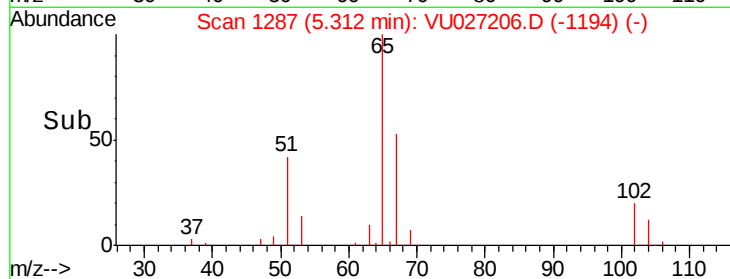
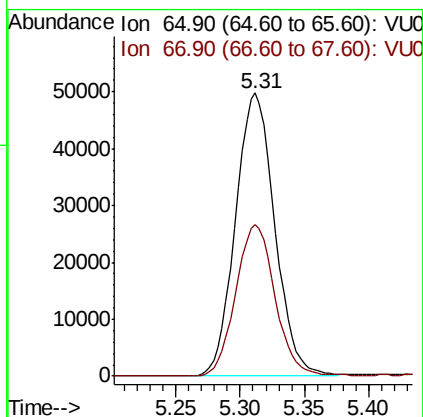
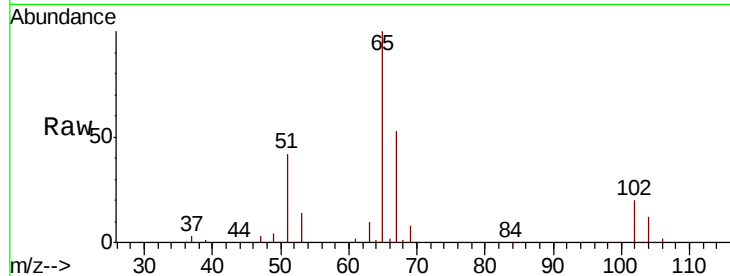




#33
 1,2-Dichloroethane-d4
 Concen: 46.712 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027206.D
 Acq: 27 Sep 2018 03:07

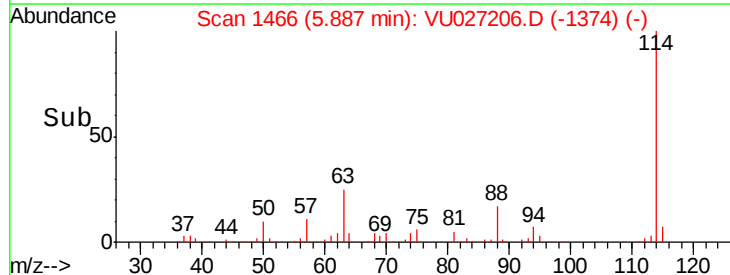
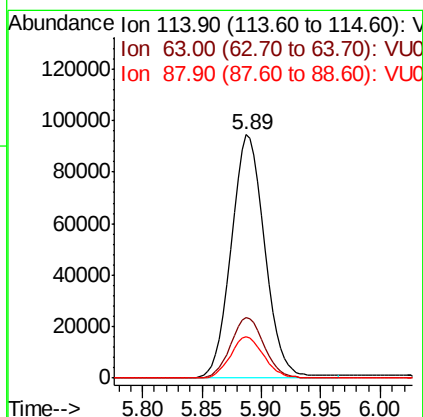
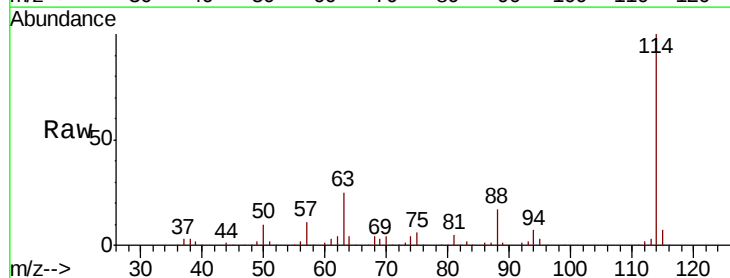
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-144-SEP18

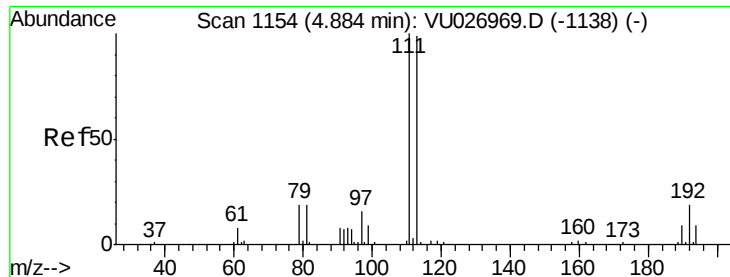
Tgt Ion: 65 Resp: 105616
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027206.D
 Acq: 27 Sep 2018 03:07

Tgt Ion: 114 Resp: 185207
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 49.2
 88 17.0 0.0 33.8

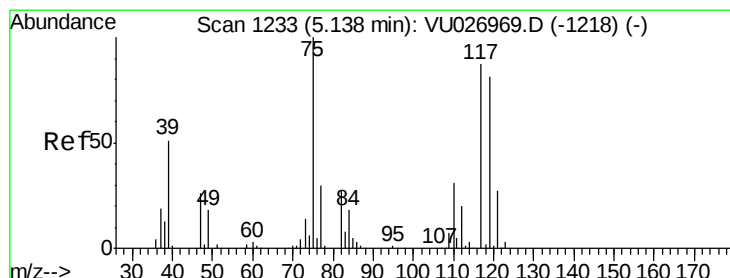
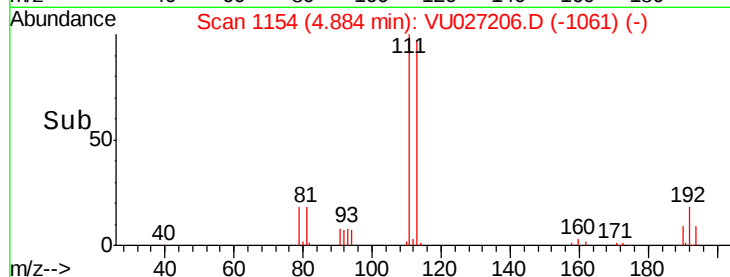
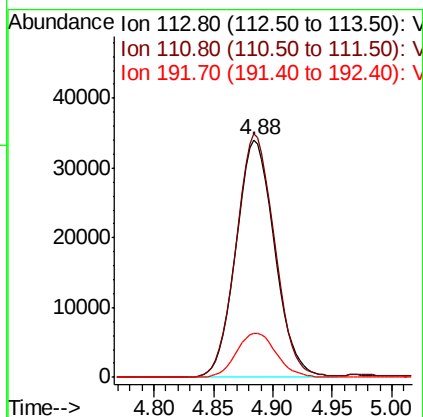
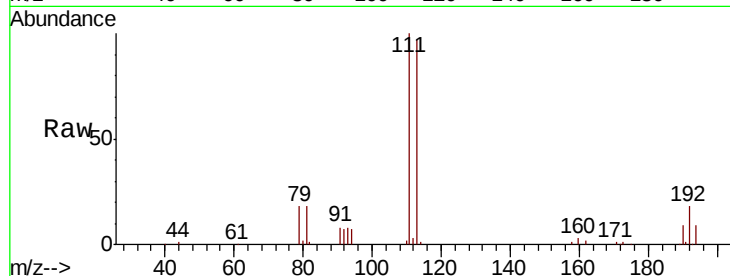




#35
 Dibromofluoromethane
 Concen: 47.844 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027206.D
 Acq: 27 Sep 2018 03:07

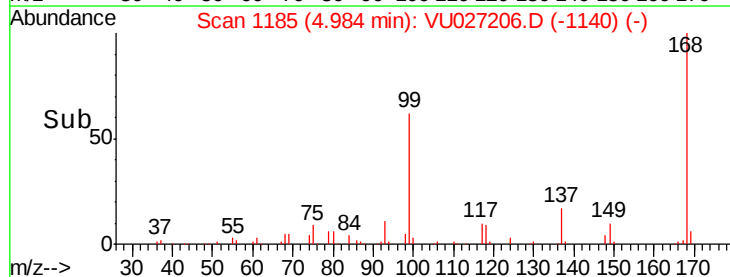
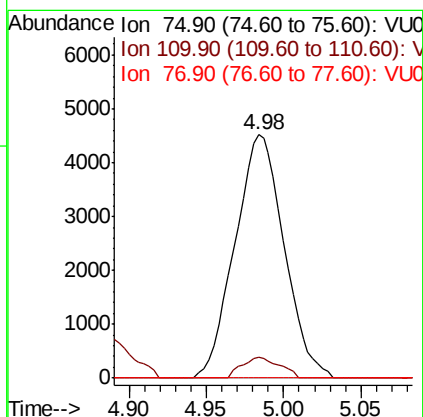
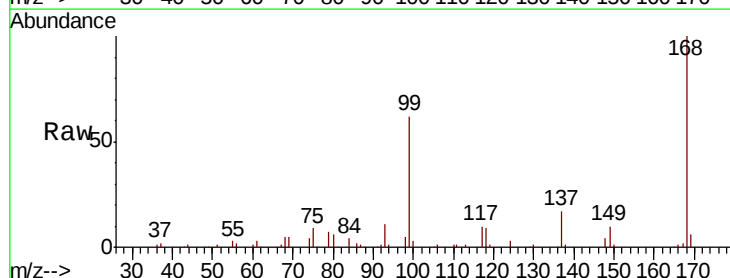
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-144-SEP18

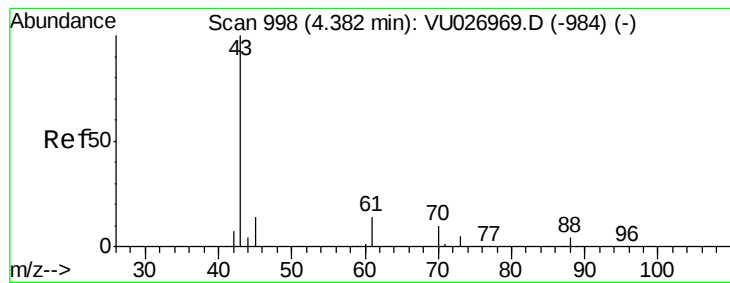
Tgt Ion: 113 Resp: 76807
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.2 123.4
 192 19.2 15.2 22.8



#36
 1,1-Dichloropropene
 Concen: 4.039 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU027206.D
 Acq: 27 Sep 2018 03:07

Tgt Ion: 75 Resp: 9984
 Ion Ratio Lower Upper
 75 100
 110 6.5 16.1 48.2#
 77 0.0 24.6 36.8#





#37

Ethyl Acetate

Concen: 0.658 ug/l

RT: 4.28 min Scan# 967

Delta R.T. -0.10 min

Lab File: VU027206.D

Acq: 27 Sep 2018 03:07

Instrument :

MSVOA_U

ClientSampleId :

MW-144-SEP18

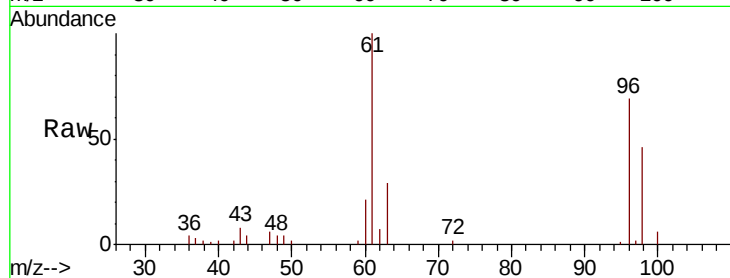
Tgt Ion: 43 Resp: 2202

Ion Ratio Lower Upper

43 100

61 0.0 10.5 15.7#

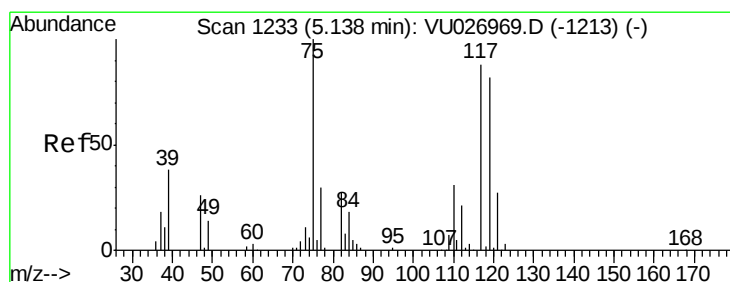
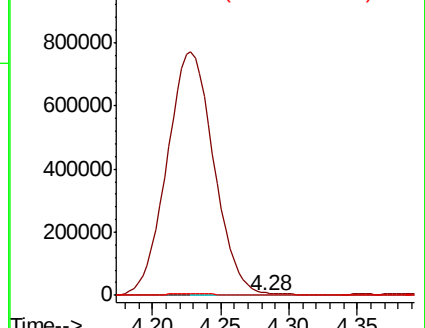
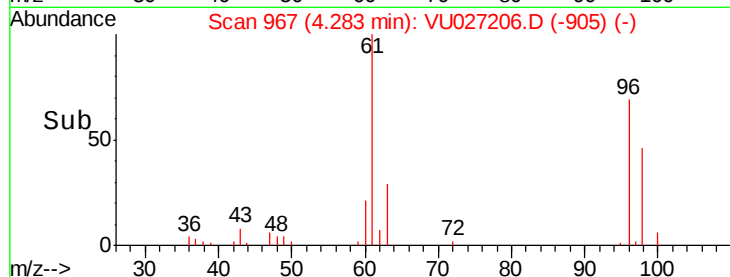
70 0.0 7.4 11.0#



Abundance Ion 43.00 (42.70 to 43.70): VU027206.D (-905) (-)

Ion 60.90 (60.60 to 61.60): VU027206.D (-905) (-)

Ion 70.00 (69.70 to 70.70): VU027206.D (-905) (-)



#38

Carbon Tetrachloride

Concen: 4.923 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU027206.D

Acq: 27 Sep 2018 03:07

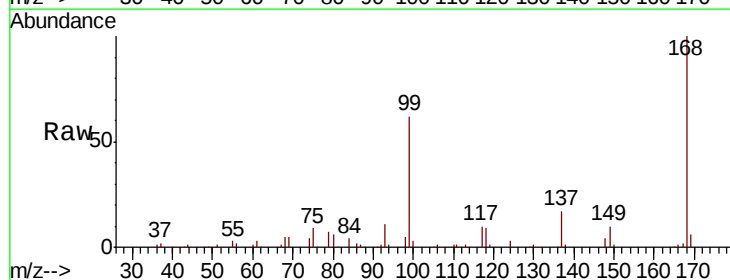
Tgt Ion: 117 Resp: 11579

Ion Ratio Lower Upper

117 100

119 7.3 74.4 111.6#

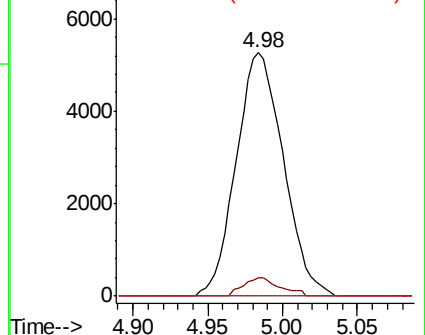
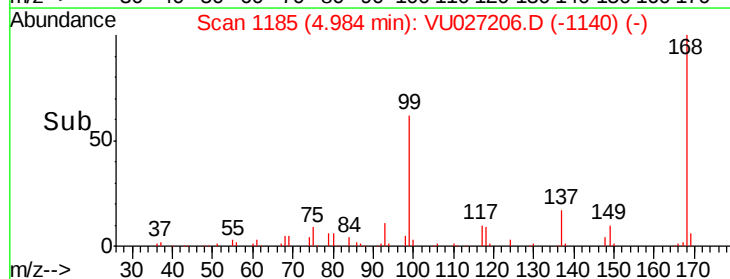
121 0.0 24.2 36.4#

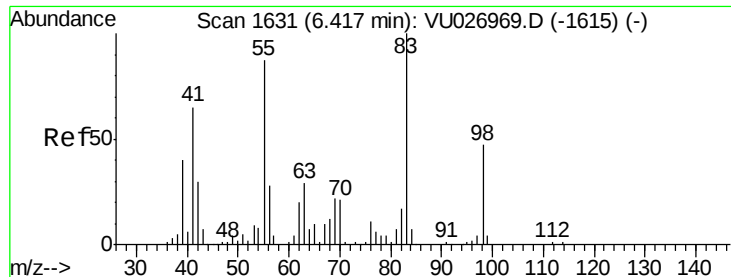


Abundance Ion 116.80 (116.50 to 117.50): VU027206.D (-1140) (-)

Ion 118.80 (118.50 to 119.50): VU027206.D (-1140) (-)

Ion 120.80 (120.50 to 121.50): VU027206.D (-1140) (-)

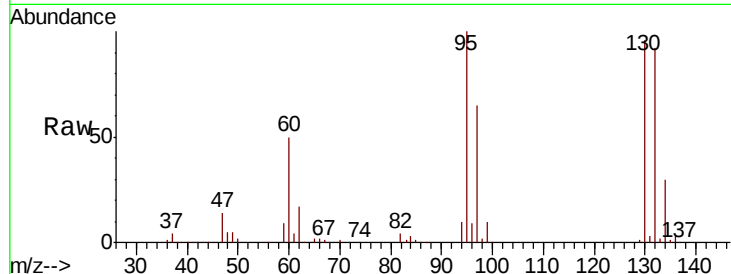




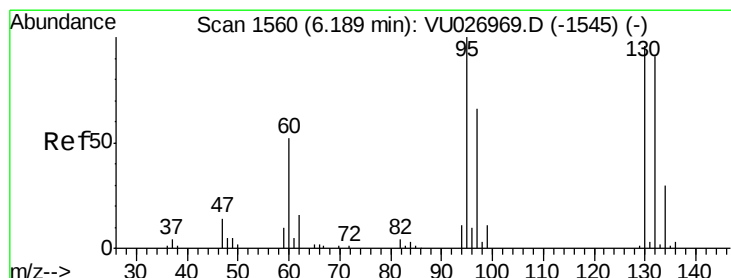
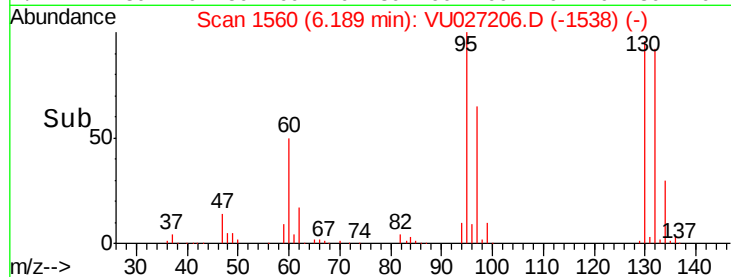
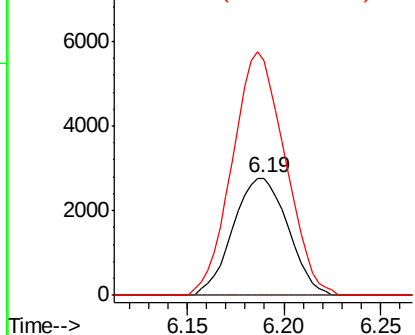
#39
Methylcyclohexane
Concen: 2.033 ug/l
RT: 6.19 min Scan# 1560
Delta R.T. -0.23 min
Lab File: VU027206.D
Acq: 27 Sep 2018 03:07

Instrument :
MSVOA_U
ClientSampleId :
MW-144-SEP18

Tgt Ion: 83 Resp: 5460
Ion Ratio Lower Upper
83 100
55 0.0 69.9 104.9#
98 199.8 37.5 56.3#

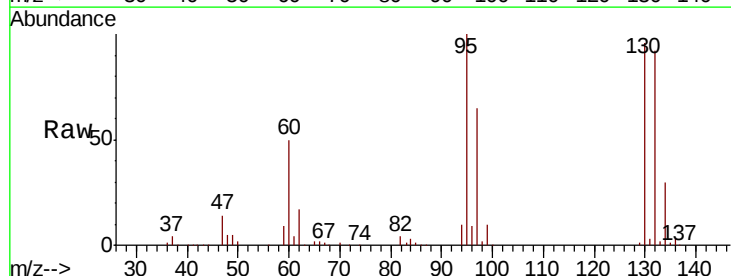


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

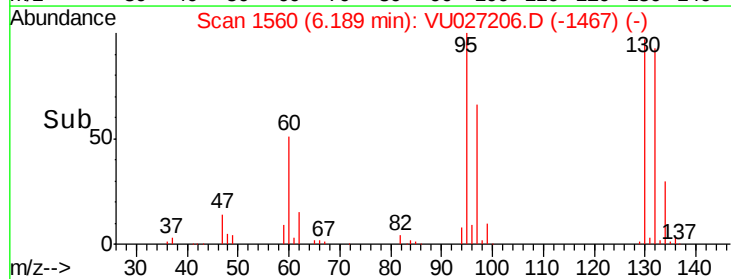
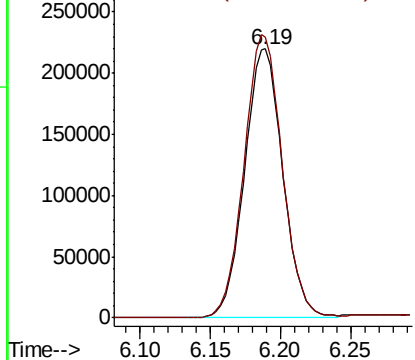


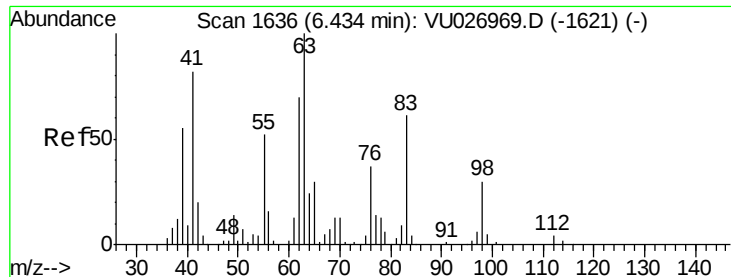
#44
Trichloroethene
Concen: 261.140 ug/l
RT: 6.19 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VU027206.D
Acq: 27 Sep 2018 03:07

Tgt Ion:130 Resp: 417747
Ion Ratio Lower Upper
130 100
95 104.4 0.0 208.8



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





#45

1,2-Dichloropropane

Concen: 0.673 ug/l

RT: 6.18 min Scan# 1558

Delta R.T. -0.25 min

Lab File: VU027206.D

Acq: 27 Sep 2018 03:07

Instrument :

MSVOA_U

ClientSampleId :

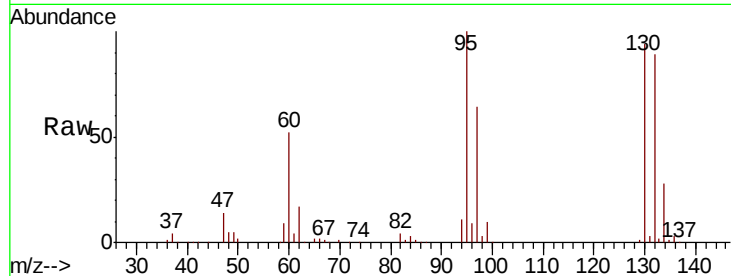
MW-144-SEP18

Tgt Ion: 63 Resp: 1442

Ion Ratio Lower Upper

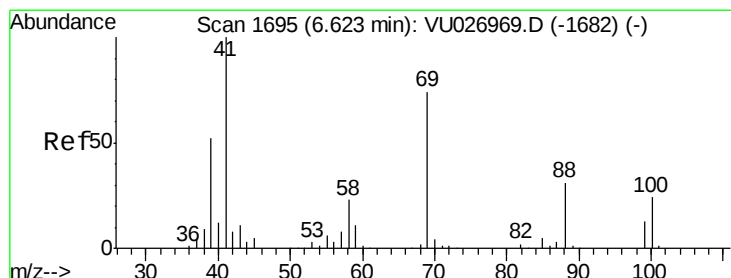
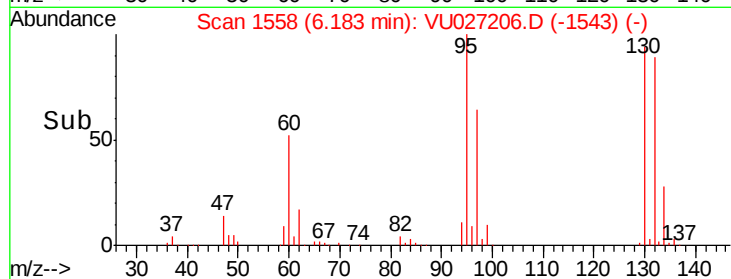
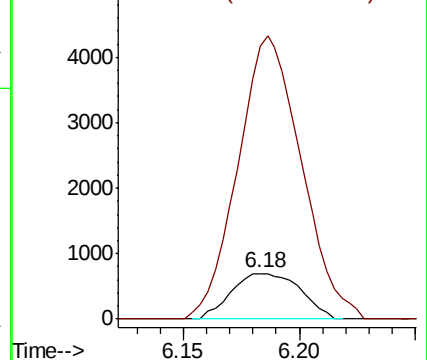
63 100

65 578.7 24.3 36.5#



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0



#48

Methyl methacrylate

Concen: 1.045 ug/l

RT: 6.56 min Scan# 1675

Delta R.T. -0.06 min

Lab File: VU027206.D

Acq: 27 Sep 2018 03:07

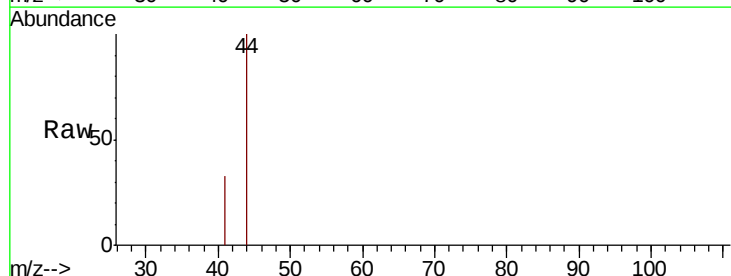
Tgt Ion: 41 Resp: 89

Ion Ratio Lower Upper

41 100

69 0.0 60.6 90.8#

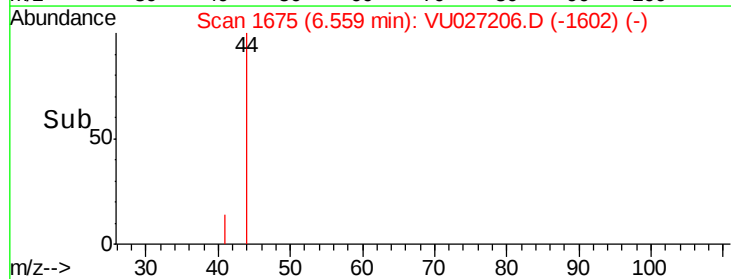
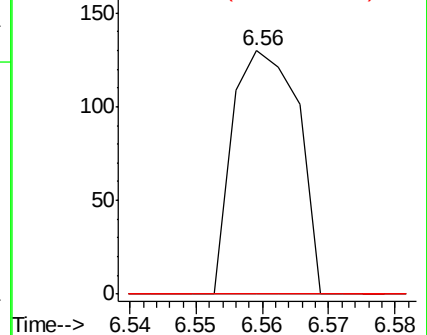
39 0.0 42.8 64.2#

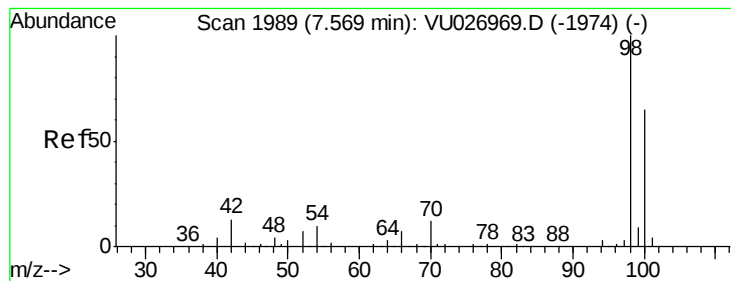


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 39.00 (38.70 to 39.70): VU0





#50

Toluene-d8

Concen: 47.717 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU027206.D

Acq: 27 Sep 2018 03:07

Instrument :

MSVOA_U

ClientSampleId :

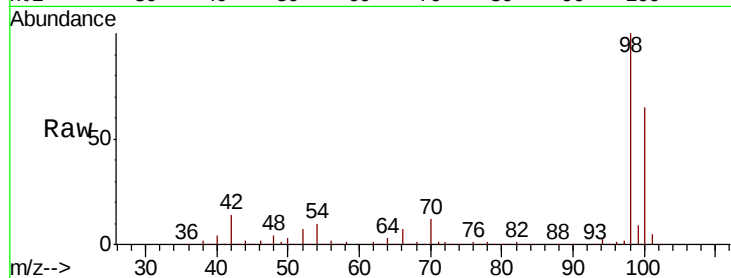
MW-144-SEP18

Tgt Ion: 98 Resp: 291940

Ion Ratio Lower Upper

98 100

100 64.4 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU026969.D (-1974) (-)

Ion 100.00 (99.70 to 100.70): VU027206.D (-2179) (-)

7.57

150000

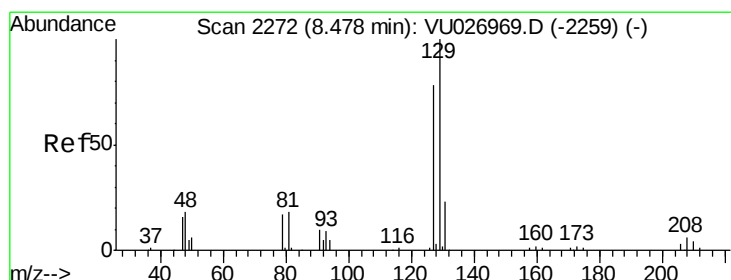
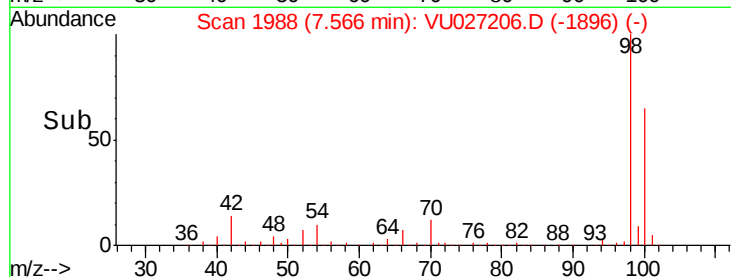
100000

50000

0

7.50 7.60 7.70

Time-->



#60

Dibromochloromethane

Concen: 4.915 ug/l

RT: 8.23 min Scan# 2195

Delta R.T. -0.25 min

Lab File: VU027206.D

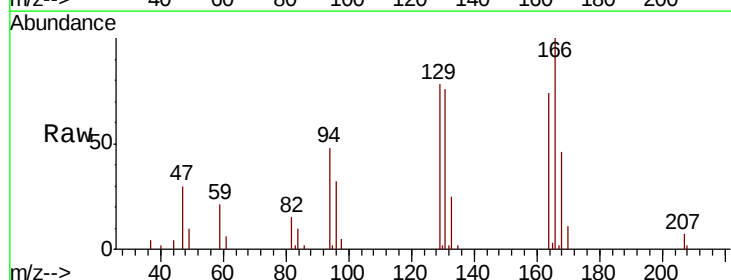
Acq: 27 Sep 2018 03:07

Tgt Ion: 129 Resp: 8798

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): VU027206.D (-2179) (-)

8.23

6000

5000

4000

3000

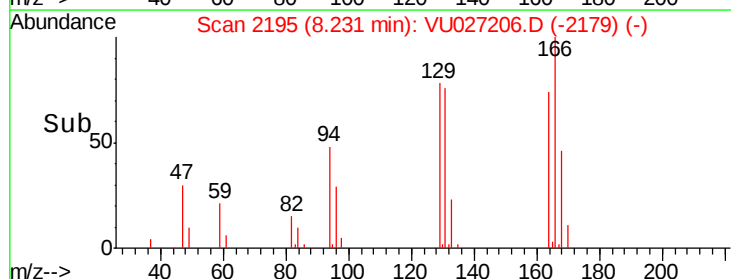
2000

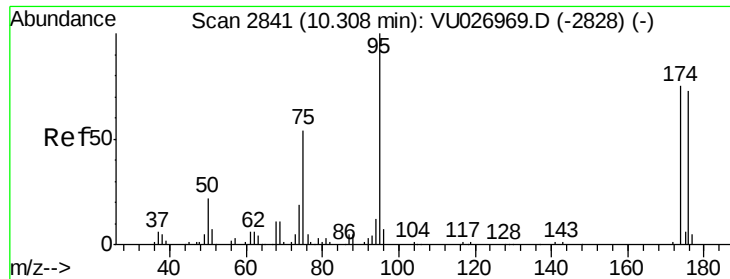
1000

0

8.20 8.25 8.30

Time-->

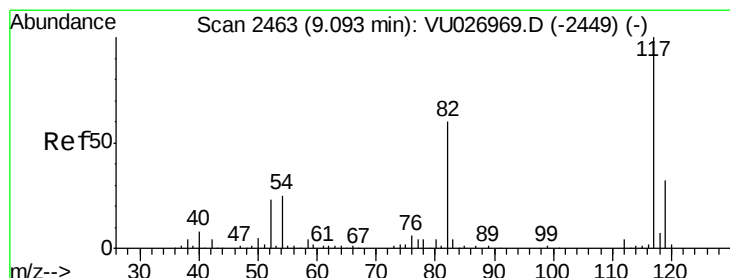
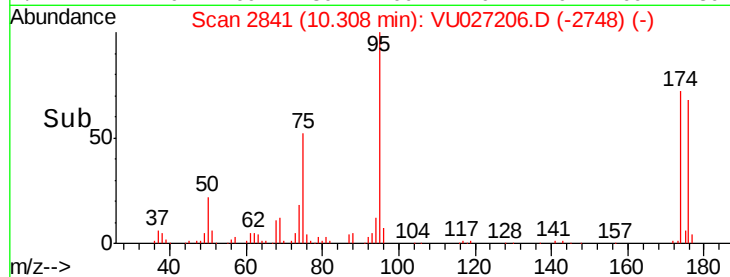
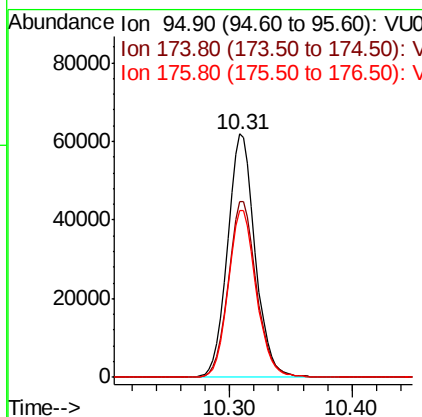
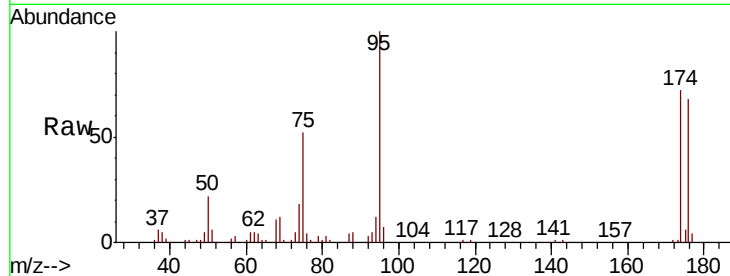




#62
 4-Bromofluorobenzene
 Concen: 46.690 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027206.D
 Acq: 27 Sep 2018 03:07

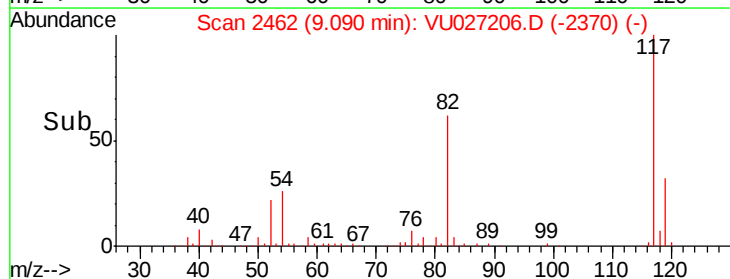
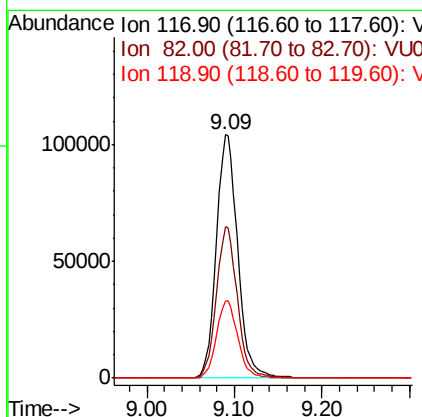
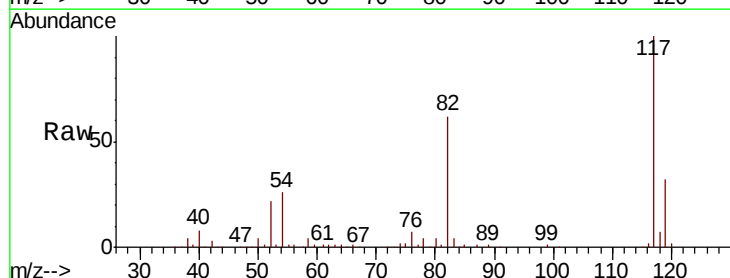
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-144-SEP18

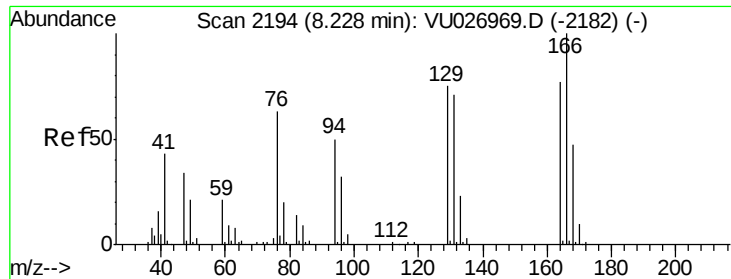
Tgt Ion: 95 Resp: 98017
 Ion Ratio Lower Upper
 95 100
 174 73.9 0.0 150.2
 176 69.5 0.0 145.2



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2462
 Delta R.T. -0.00 min
 Lab File: VU027206.D
 Acq: 27 Sep 2018 03:07

Tgt Ion: 117 Resp: 176652
 Ion Ratio Lower Upper
 117 100
 82 62.0 48.0 72.0
 119 31.9 25.8 38.8

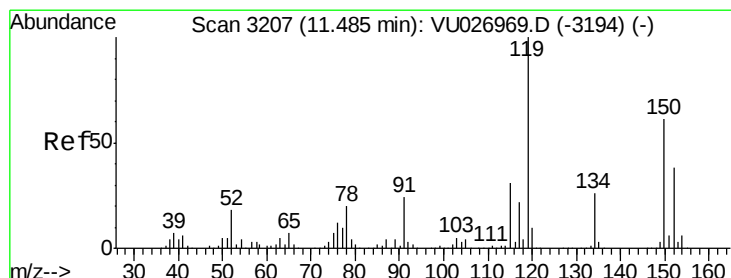
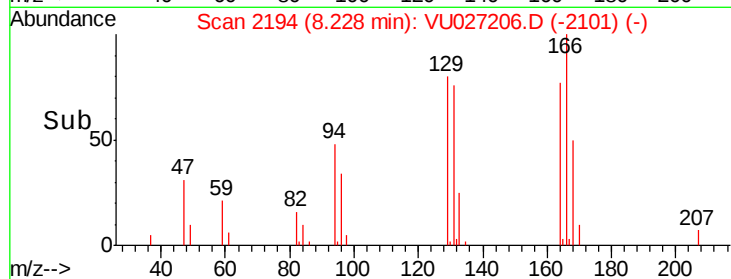
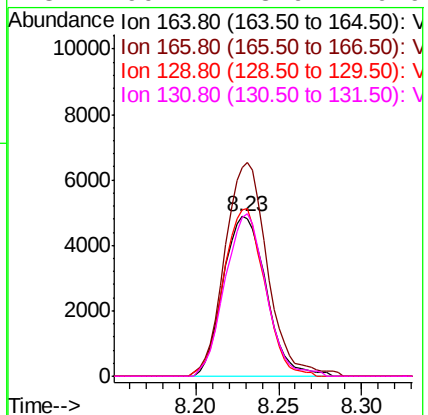
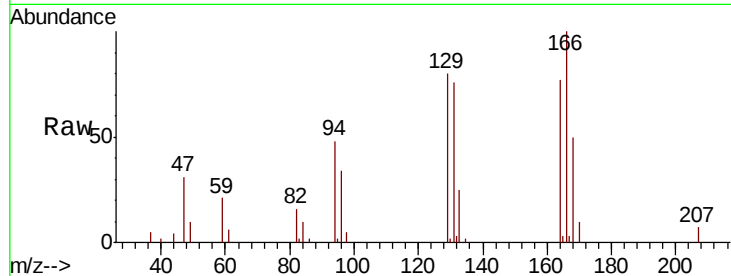




#64
Tetrachloroethene
Concen: 6.501 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027206.D
Acq: 27 Sep 2018 03:07

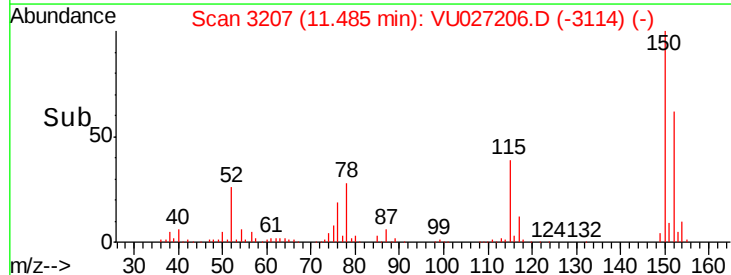
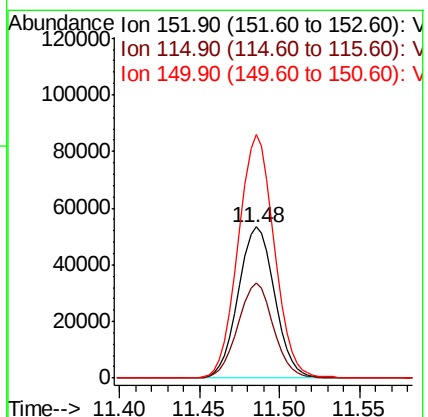
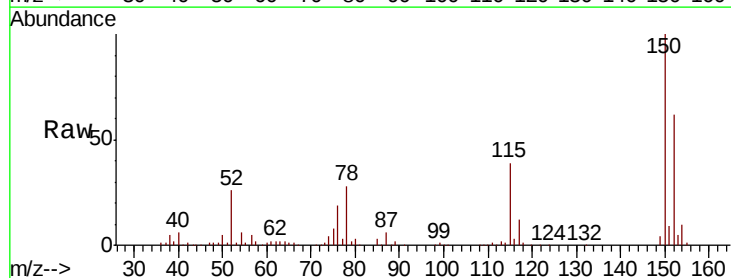
Instrument :
MSVOA_U
ClientSampleId :
MW-144-SEP18

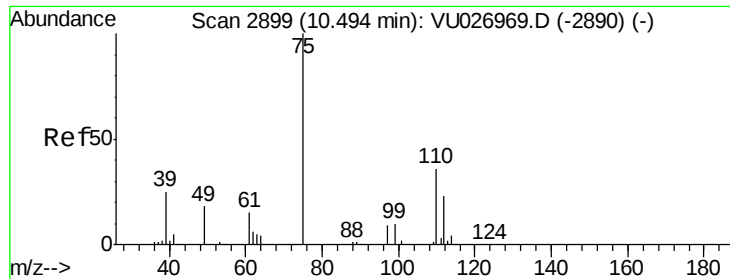
Tgt Ion:164 Resp: 8849
Ion Ratio Lower Upper
164 100
166 130.6 104.4 156.6
129 104.6 78.7 118.1
131 99.7 73.9 110.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027206.D
Acq: 27 Sep 2018 03:07

Tgt Ion:152 Resp: 82966
Ion Ratio Lower Upper
152 100
115 61.4 44.9 134.5
150 159.6 0.0 355.8

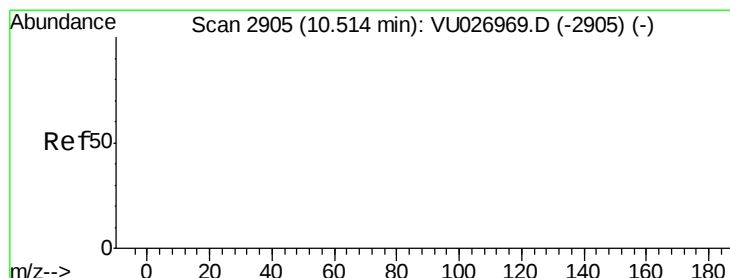
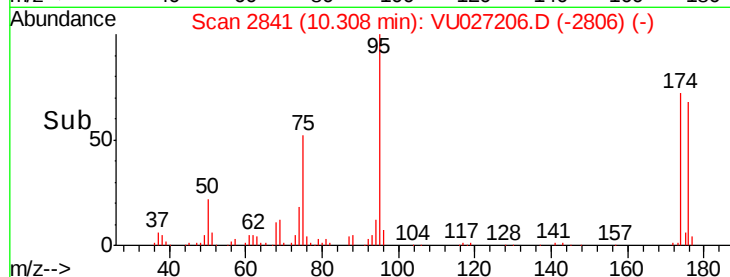
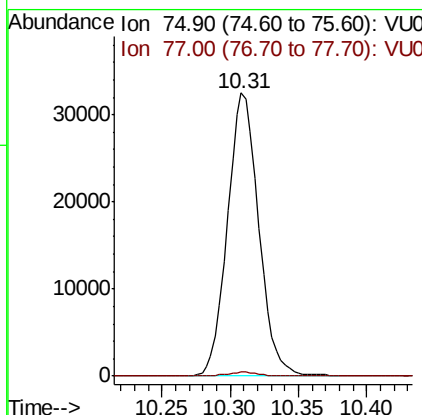
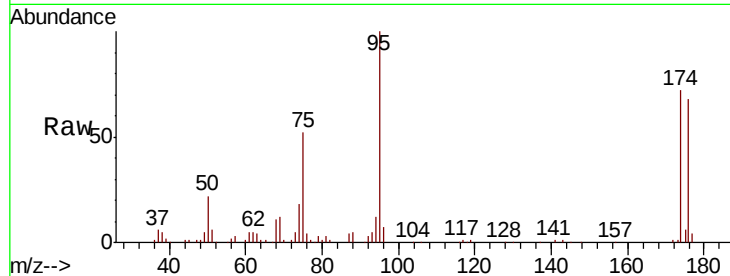




#76
 1,2,3-Trichloropropane
 Concen: 20.581 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.19 min
 Lab File: VU027206.D
 Acq: 27 Sep 2018 03:07

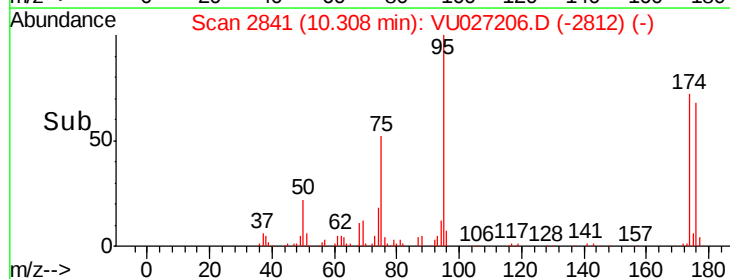
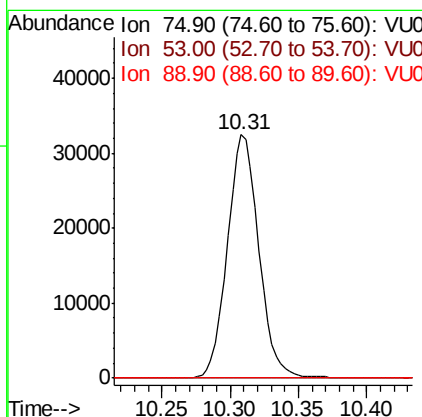
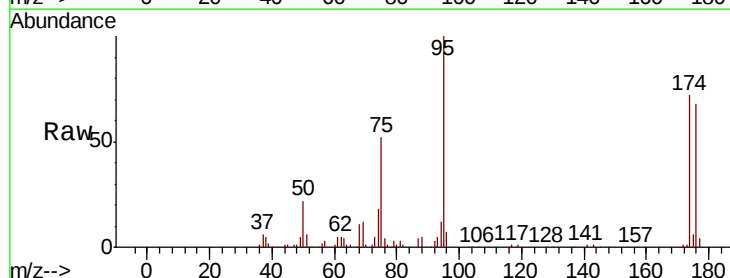
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-144-SEP18

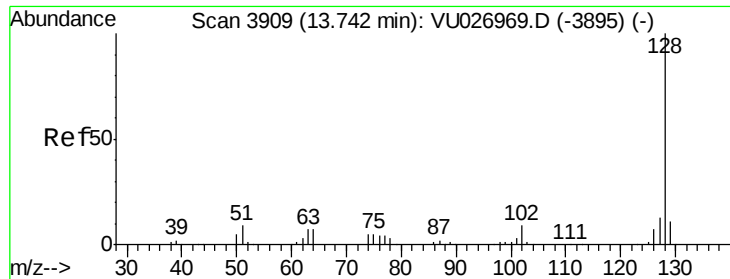
Tgt Ion: 75 Resp: 51874
 Ion Ratio Lower Upper
 75 100
 77 1.3 20.9 62.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.863 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.21 min
 Lab File: VU027206.D
 Acq: 27 Sep 2018 03:07

Tgt Ion: 75 Resp: 51874
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0





#95

Naphthalene

Concen: 1.738 ug/l

RT: 13.75 min Scan# 3910

Delta R.T. 0.00 min

Lab File: VU027206.D

Acq: 27 Sep 2018 03:07

Instrument :

MSVOA_U

ClientSampleId :

MW-144-SEP18

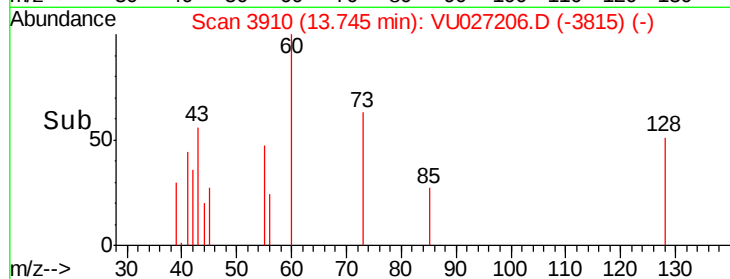
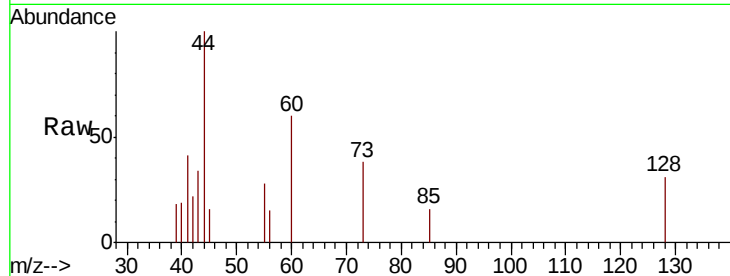
Tgt Ion:128 Resp: 350

Ion Ratio Lower Upper

128 100

127 0.0 10.6 15.8#

129 0.0 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

