

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121318\
 Data File : VU028630.D
 Acq On : 12 Dec 2018 00:29
 Operator : MD/SY
 Sample : J6298-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ENGINE-WASH

Quant Time: Dec 12 04:15:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	84525	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	153723	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	134004	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	54132	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	69768	54.09	ug/l	0.00
Spiked Amount			Recovery	=	108.18%	
35) Dibromofluoromethane	4.88	113	51249	52.98	ug/l	0.00
Spiked Amount			Recovery	=	105.96%	
50) Toluene-d8	7.56	98	197297	51.56	ug/l	0.00
Spiked Amount			Recovery	=	103.12%	
62) 4-Bromofluorobenzene	10.31	95	65018	45.46	ug/l	0.00
Spiked Amount			Recovery	=	90.92%	

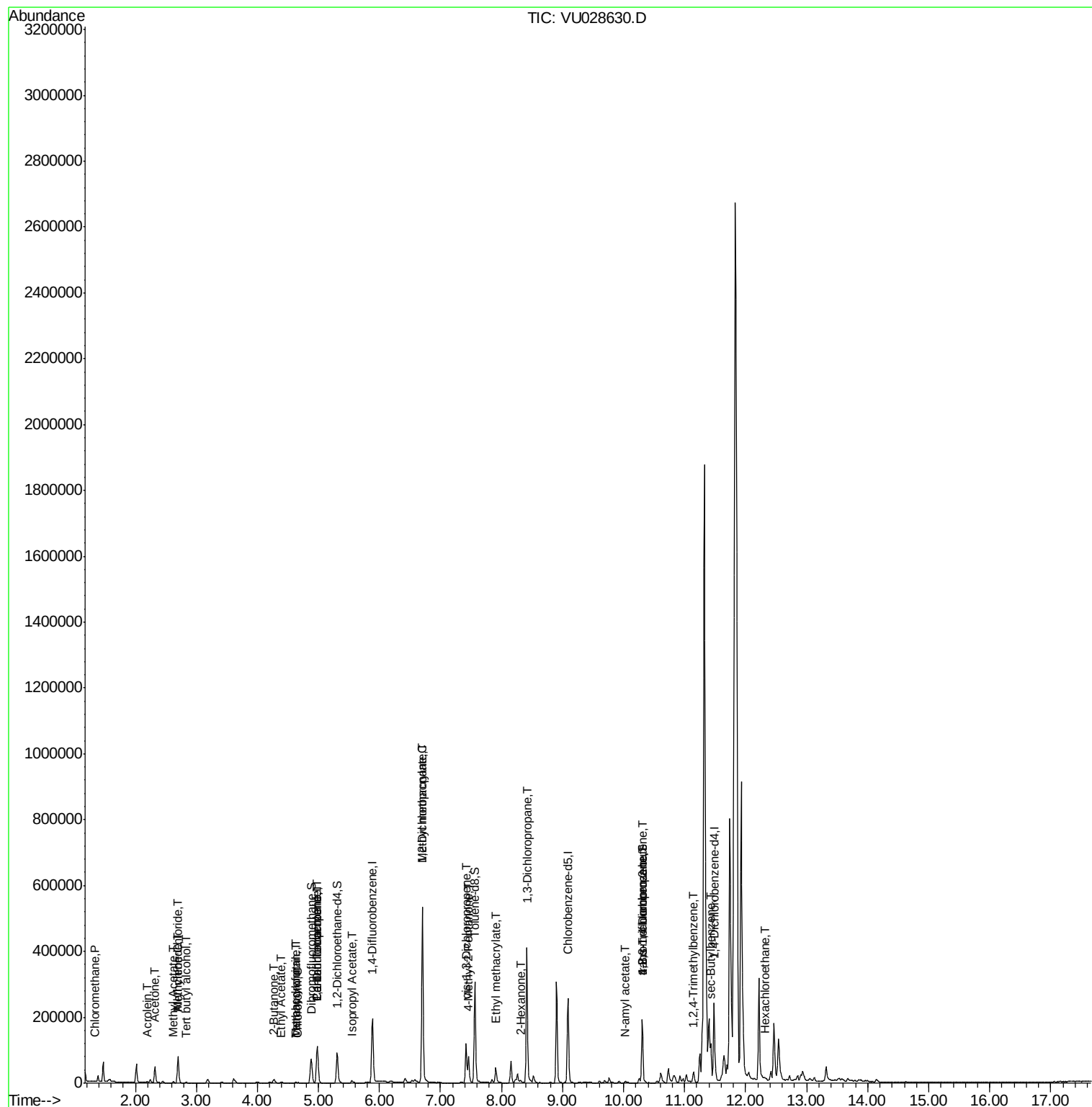
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	988	0.474	ug/l #	87
11) Tert butyl alcohol	2.82	59	770	2.679	ug/l #	73
13) Acrolein	2.19	56	1305	5.696	ug/l #	77
14) Allyl chloride	2.70	41	1725	0.775	ug/l #	27
16) Acetone	2.32	43	49725	59.075	ug/l	99
18) Methyl Acetate	2.62	43	5886	2.698	ug/l	94
20) Methylene Chloride	2.70	84	32403	26.114	ug/l	98
25) 2-Butanone	4.27	43	20963	18.224	ug/l	96
29) Tetrahydrofuran	4.63	42	2373	3.212	ug/l #	37
30) Chloroform	4.67	83	705	0.357	ug/l #	61
31) Cyclohexane	4.98	56	1948	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	7504	4.461	ug/l #	49
37) Ethyl Acetate	4.39	43	4379	2.014	ug/l #	89
38) Carbon Tetrachloride	4.98	117	8114	5.985	ug/l #	15
41) Methacrylonitrile	4.63	41	786	0.660	ug/l #	45
43) Isopropyl Acetate	5.55	43	10713	3.115	ug/l #	90
45) 1,2-Dichloropropane	6.71	63	523	0.375	ug/l #	44
48) Methyl methacrylate	6.70	41	46914	27.428	ug/l #	45
51) 4-Methyl-2-Pentanone	7.46	43	57526	26.518	ug/l	99
54) cis-1,3-Dichloropropene	7.42	75	20086	9.664	ug/l #	58
56) Ethyl methacrylate	7.91	69	6763	3.427	ug/l #	67
57) 1,3-Dichloropropane	8.41	76	3880	1.813	ug/l #	43
59) 2-Hexanone	8.31	43	7244	4.213	ug/l #	26
74) N-ethyl acetate	10.03	43	1242	0.518	ug/l #	49
76) 1,2,3-Trichloropropane	10.30	75	33475	24.217	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.30	75	33475	59.443	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.13	105	3778	1.066	ug/l #	32
85) sec-Butylbenzene	11.43	105	1402	0.329	ug/l #	75
90) Hexachloroethane	12.32	117	162	0.296	ug/l #	11

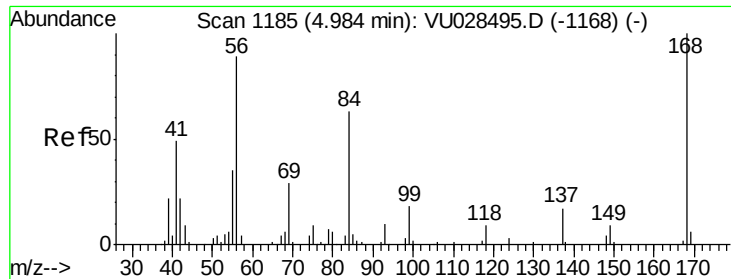
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.00 min

Lab File: VU028630.D

Acq: 12 Dec 2018 00:29

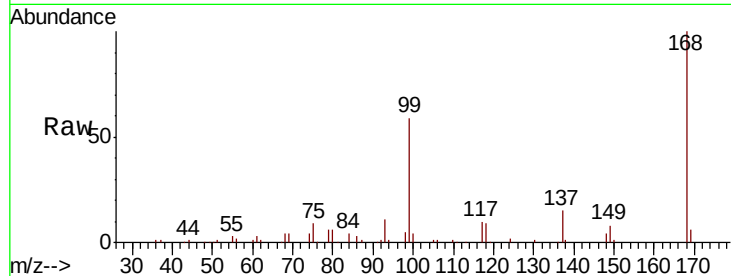
Instrument :
MSVOA_U
ClientSampleId :
ENGINE-WASH

Tot Ion:168 Resp: 84525

Ion Ratio Lower Upper

168 100

99 59.4 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028630.D (-1092) (-)

4.98

40000

30000

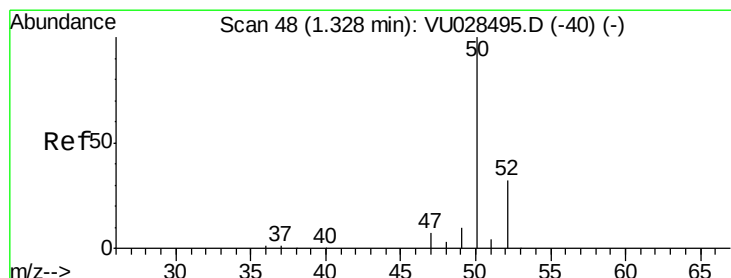
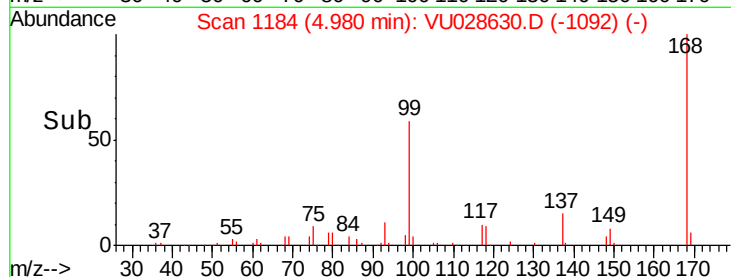
20000

10000

0

4.90 5.00 5.10

Time-->



#3

Chloromethane

Concen: 0.474 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU028630.D

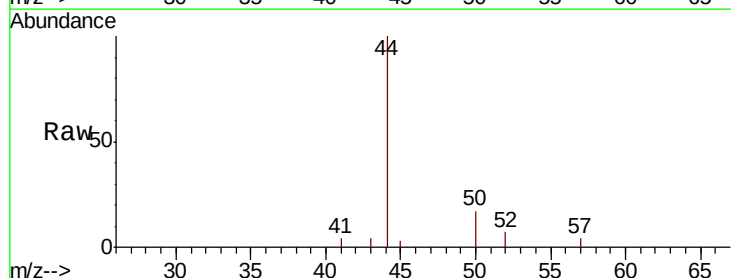
Acq: 12 Dec 2018 00:29

Tgt Ion: 50 Resp: 988

Ion Ratio Lower Upper

50 100

52 39.1 25.5 38.3#



Abundance Ion 49.90 (49.60 to 50.60): VU028495.D (-40) (-)

Ion 51.90 (51.60 to 52.60): VU028630.D (-1) (-)

1.33

800

600

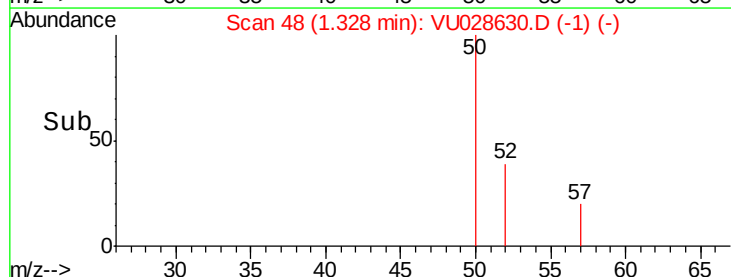
400

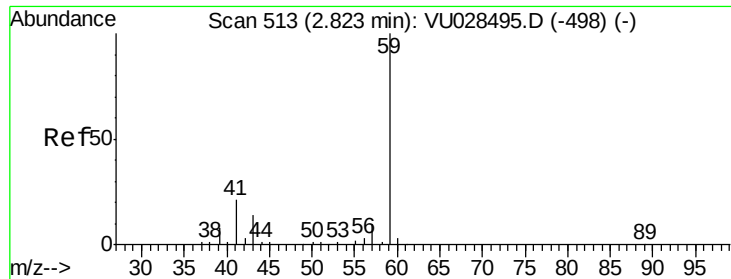
200

0

1.30 1.35

Time-->

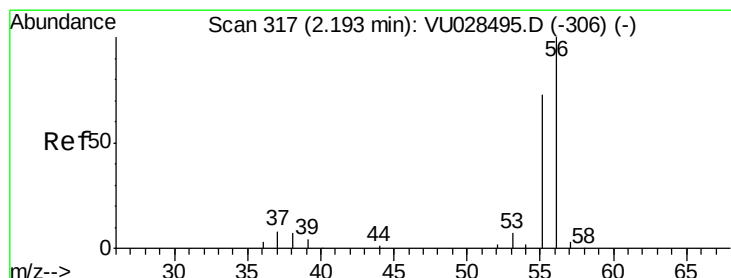
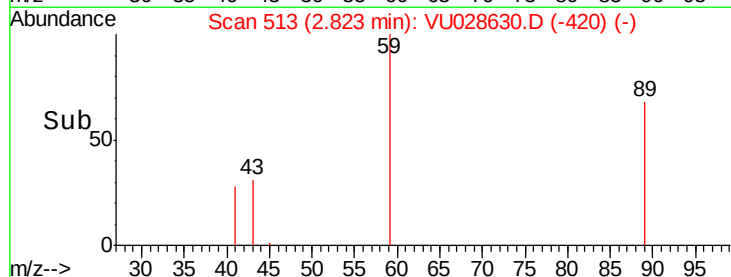
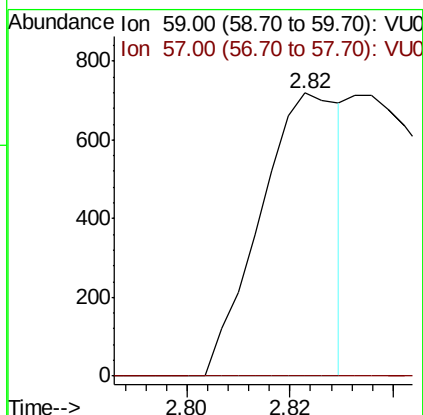
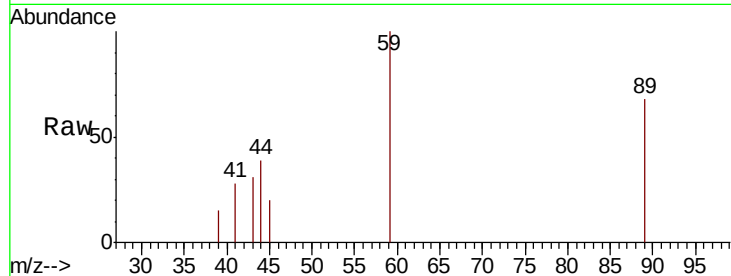




#11
Tert butyl alcohol
Concen: 2.679 ug/l
RT: 2.82 min Scan# 513
Delta R.T. -0.00 min
Lab File: VU028630.D
Acq: 12 Dec 2018 00:29

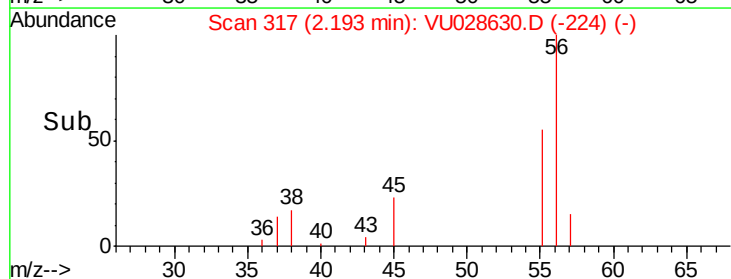
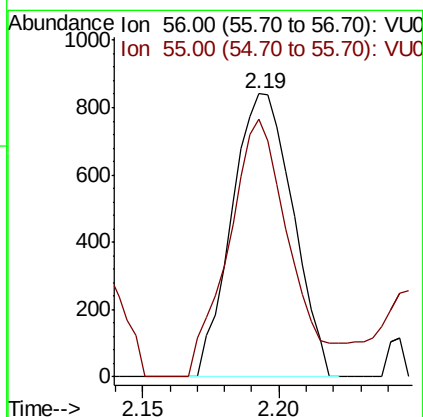
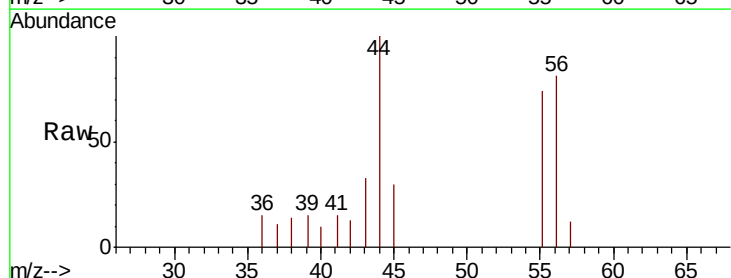
Instrument :
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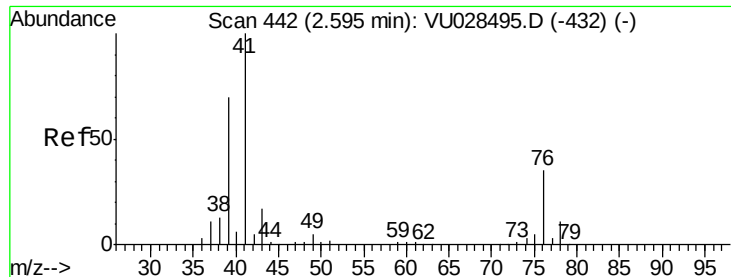
Tot Ion: 59 Resp: 770
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#13
Acrolein
Concen: 5.696 ug/l
RT: 2.19 min Scan# 317
Delta R.T. -0.00 min
Lab File: VU028630.D
Acq: 12 Dec 2018 00:29

Tgt Ion: 56 Resp: 1305
Ion Ratio Lower Upper
56 100
55 91.1 57.5 86.3#

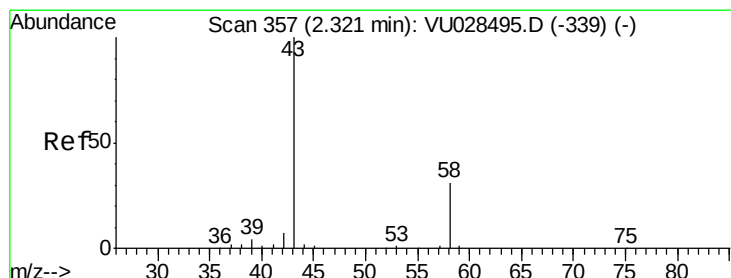
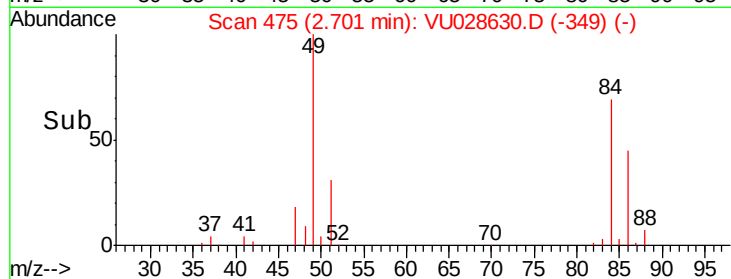
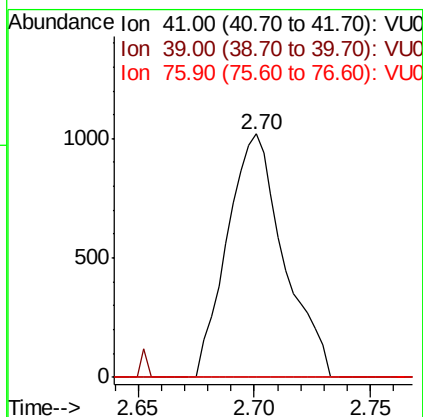
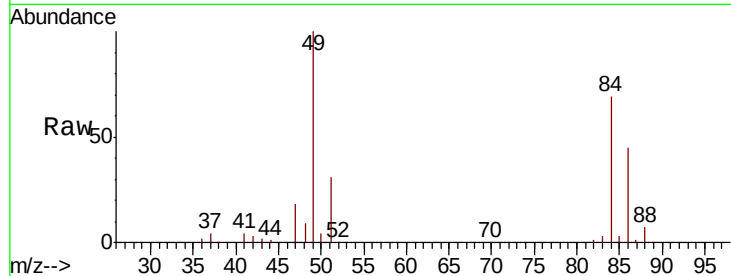




#14
Allvl chloride
Concen: 0.775 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.11 min
Lab File: VU028630.D
Acq: 12 Dec 2018 00:29

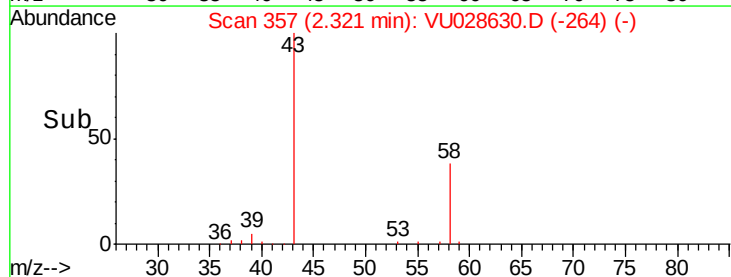
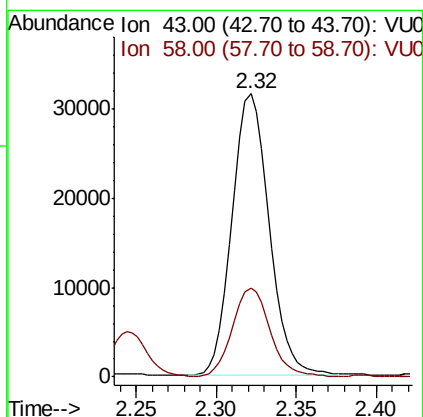
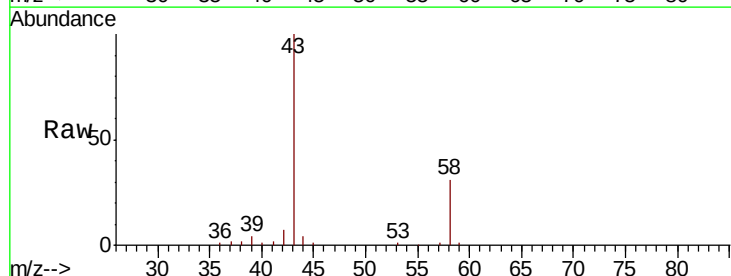
Instrument :
MSVOA_U
ClientSampleId :
ENGINE-WASH

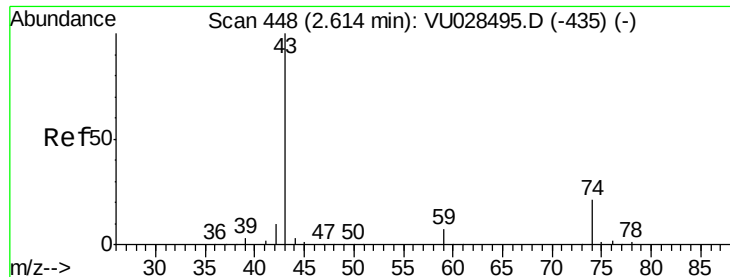
Tot Ion: 41 Resp: 1725
Ion Ratio Lower Upper
41 100
39 0.0 50.8 76.2#
76 0.0 24.8 37.2#



#16
Acetone
Concen: 59.075 ug/l
RT: 2.32 min Scan# 357
Delta R.T. -0.00 min
Lab File: VU028630.D
Acq: 12 Dec 2018 00:29

Tgt Ion: 43 Resp: 49725
Ion Ratio Lower Upper
43 100
58 31.5 24.6 37.0

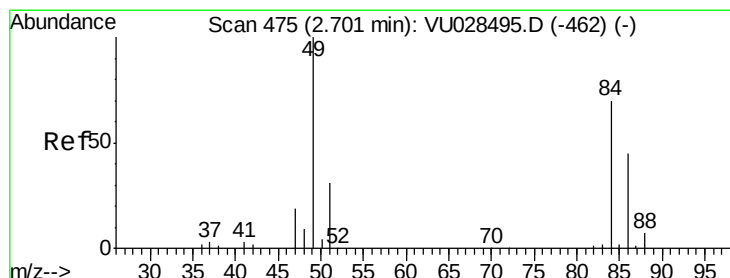
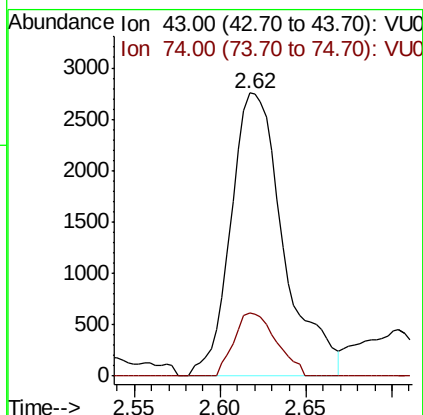
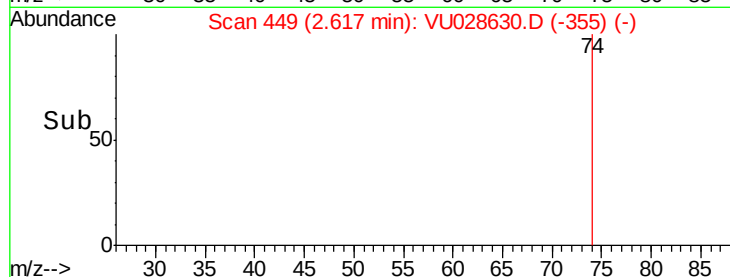
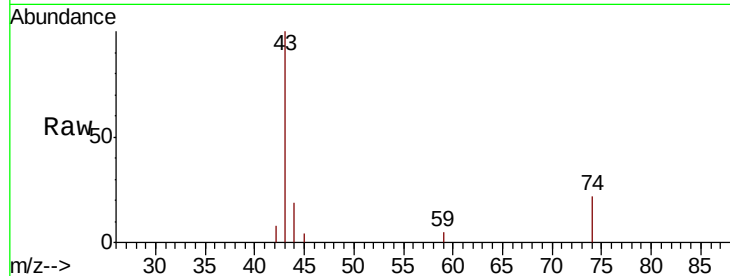




#18
Methyl Acetate
Concen: 2.698 ug/l
RT: 2.62 min Scan# 449
Delta R.T. 0.00 min
Lab File: VU028630.D
Acq: 12 Dec 2018 00:29

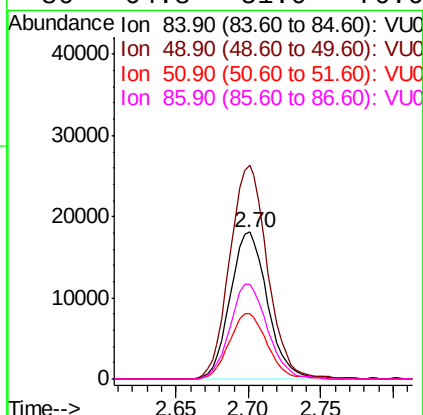
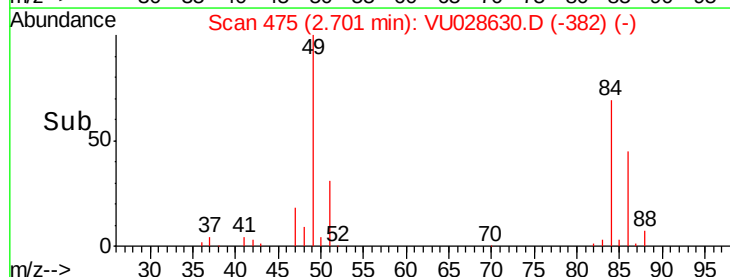
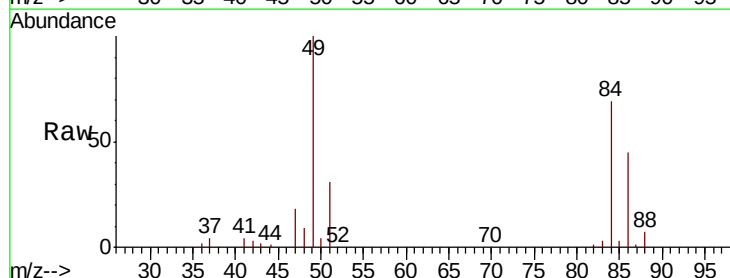
Instrument :
MSVOA_U
ClientSampleId :
ENGINE-WASH

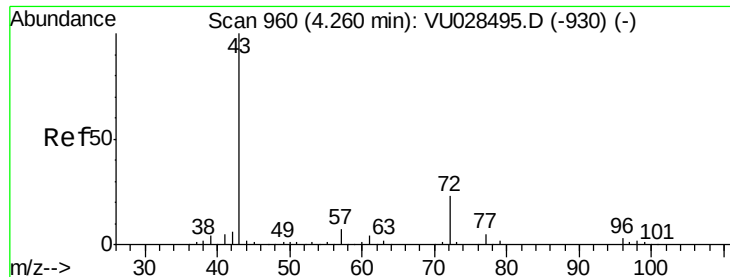
Tot Ion: 43 Resp: 5886
Ion Ratio Lower Upper
43 100
74 17.9 16.4 24.6



#20
Methylene Chloride
Concen: 26.114 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU028630.D
Acq: 12 Dec 2018 00:29

Tgt Ion: 84 Resp: 32403
Ion Ratio Lower Upper
84 100
49 145.7 114.0 171.0
51 44.5 35.1 52.7
86 64.8 51.0 76.6





#25

2-Butanone

Concen: 18.224 ug/l

RT: 4.27 min Scan# 962

Delta R.T. 0.01 min

Lab File: VU028630.D

Acq: 12 Dec 2018 00:29

Instrument :

MSVOA_U

ClientSampleId :

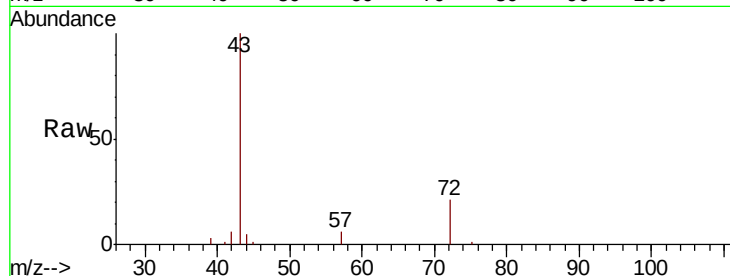
ENGINE-WASH

Tot Ion: 43 Resp: 20963

Ion Ratio Lower Upper

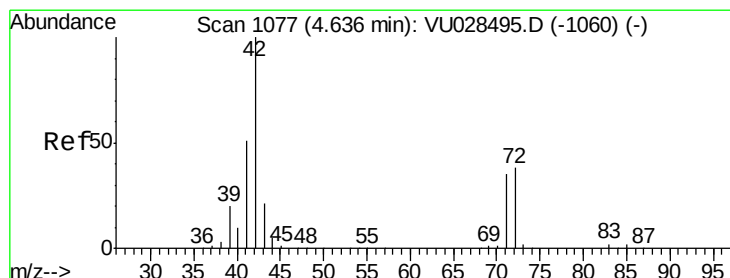
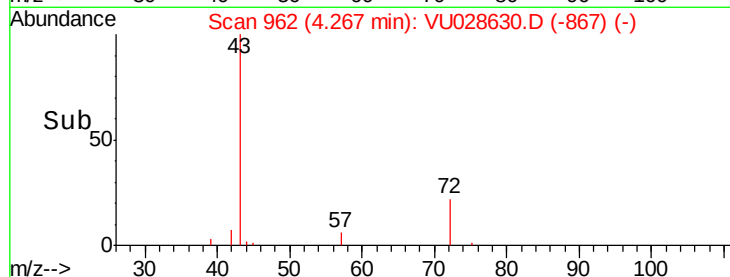
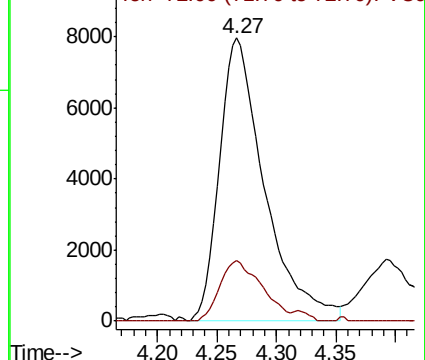
43 100

72 21.3 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#29

Tetrahydrofuran

Concen: 3.212 ug/l

RT: 4.63 min Scan# 1076

Delta R.T. -0.00 min

Lab File: VU028630.D

Acq: 12 Dec 2018 00:29

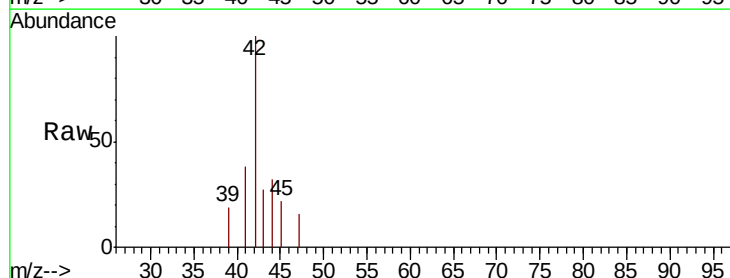
Tgt Ion: 42 Resp: 2373

Ion Ratio Lower Upper

42 100

72 0.0 31.4 47.0#

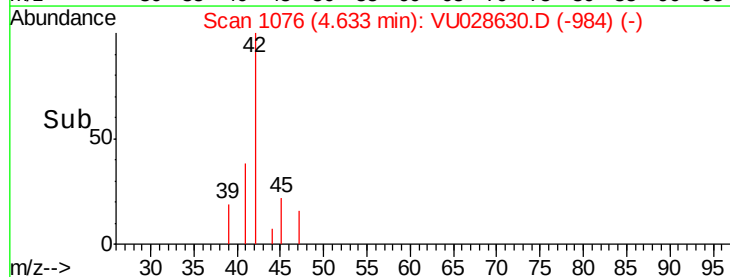
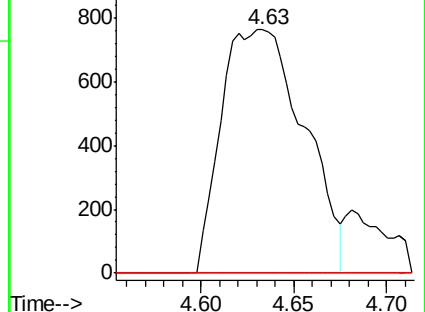
71 0.0 28.6 43.0#

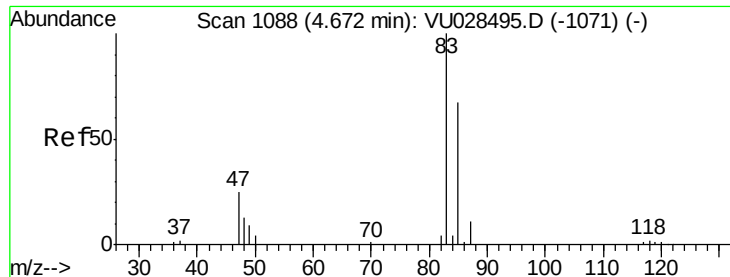


Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0

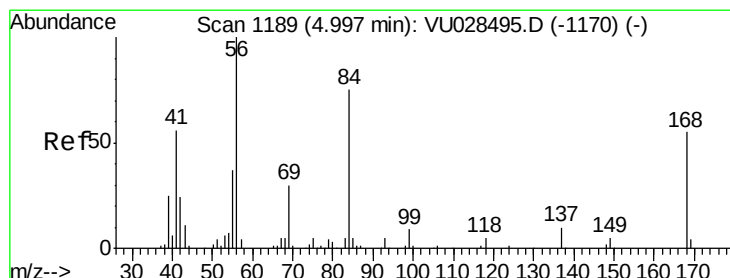
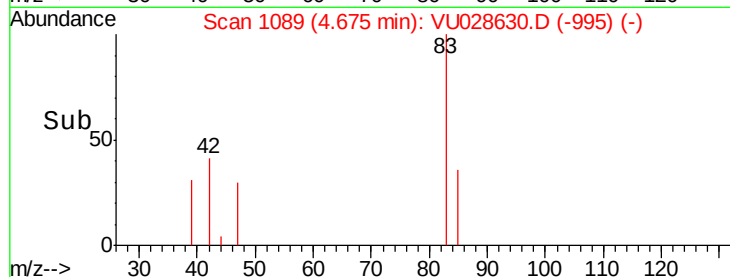
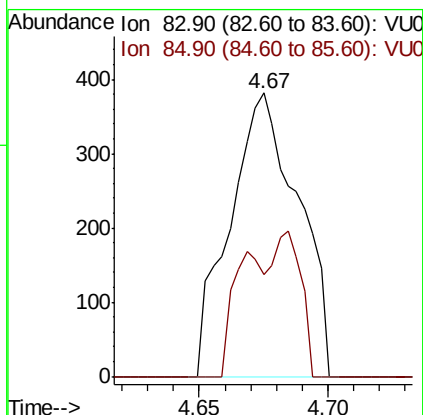
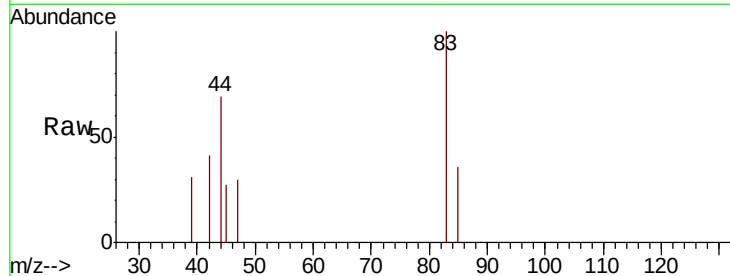




#30
Chloroform
Concen: 0.357 ug/l
RT: 4.67 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VU028630.D
Acq: 12 Dec 2018 00:29

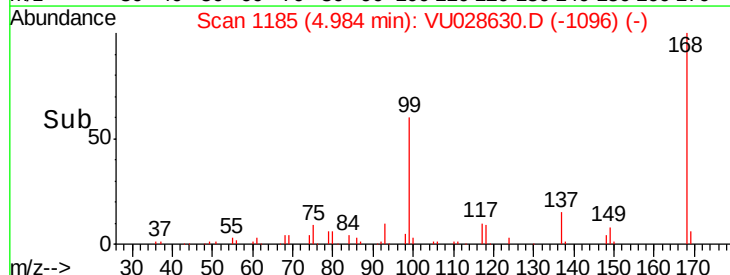
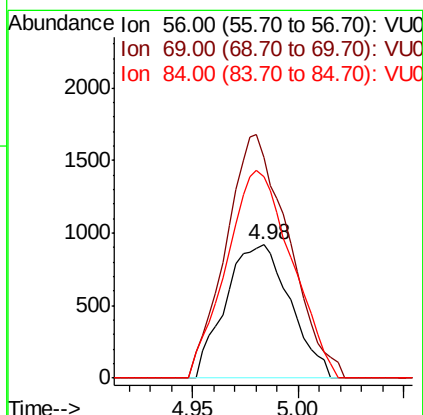
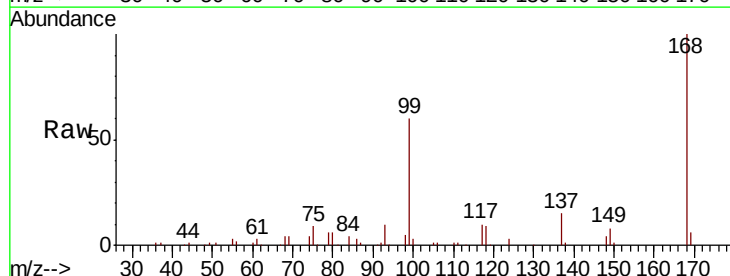
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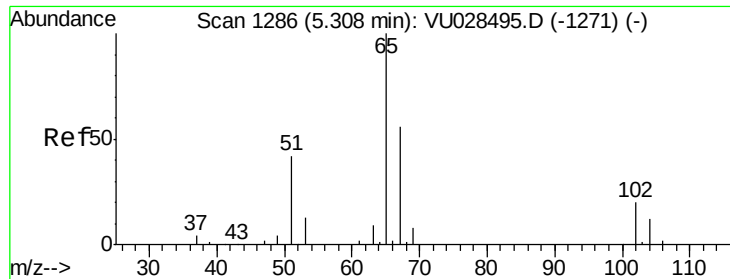
Tot Ion: 83 Resp: 705
Ion Ratio Lower Upper
83 100
85 36.1 53.6 80.4#



#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1185
Delta R.T. -0.01 min
Lab File: VU028630.D
Acq: 12 Dec 2018 00:29

Tgt Ion: 56 Resp: 1948
Ion Ratio Lower Upper
56 100
69 165.6 24.0 36.0#
84 151.6 59.7 89.5#

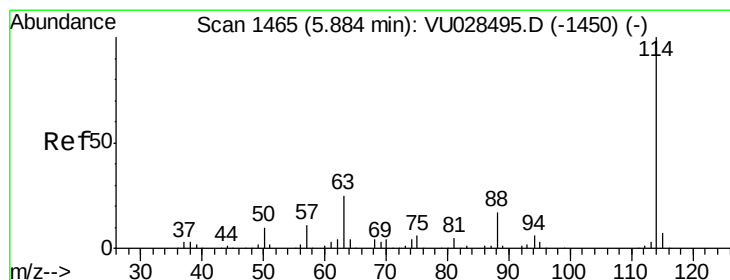
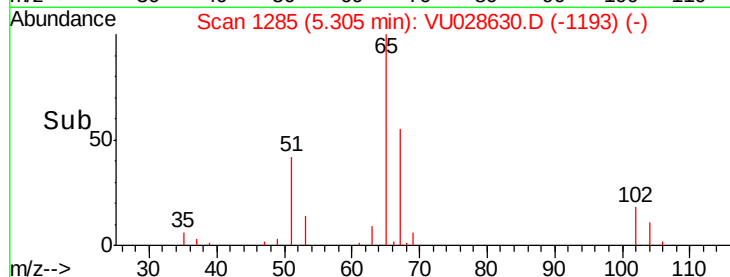
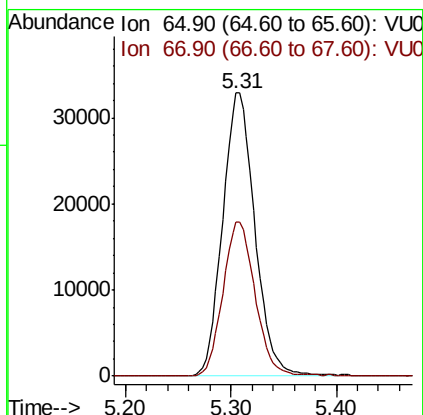
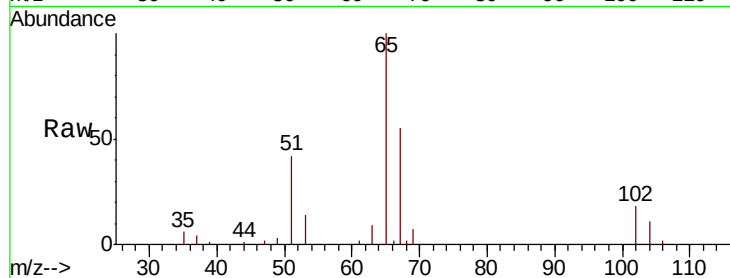




#33
 1,2-Dichloroethane-d4
 Concen: 54.088 ug/l
 RT: 5.31 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VU028630.D
 Acq: 12 Dec 2018 00:29

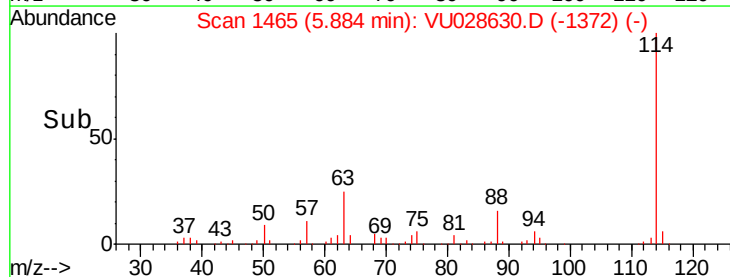
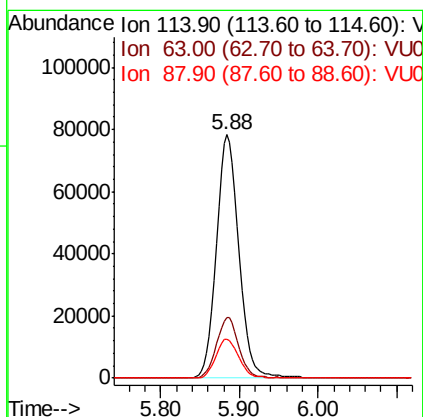
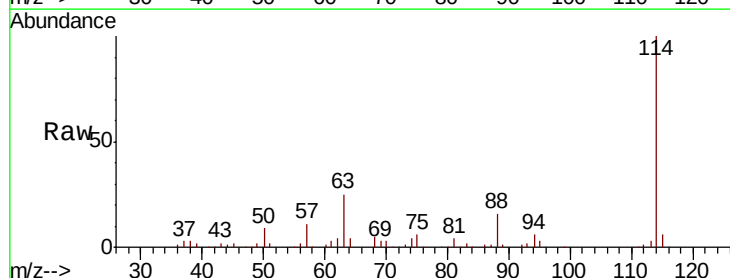
Instrument :
 MSVOA_U
 ClientSampleId :
 ENGINE-WASH

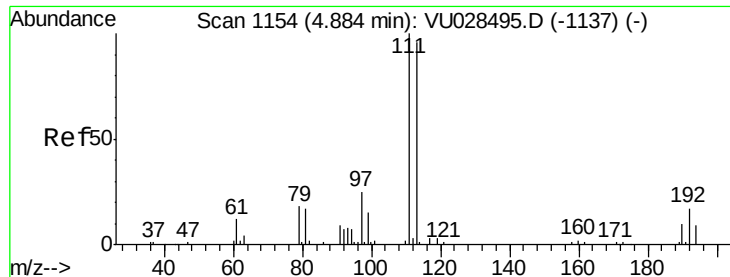
Tot Ion: 65 Resp: 69768
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028630.D
 Acq: 12 Dec 2018 00:29

Tgt Ion: 114 Resp: 153723
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 49.2
 88 16.1 0.0 33.4

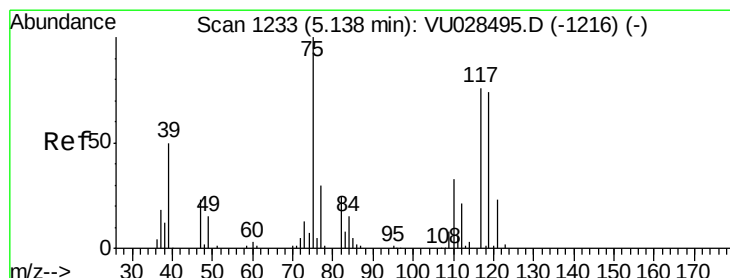
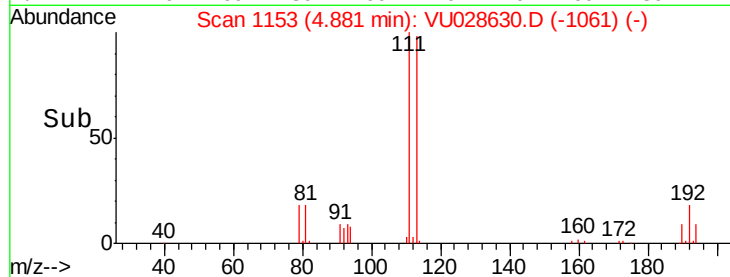
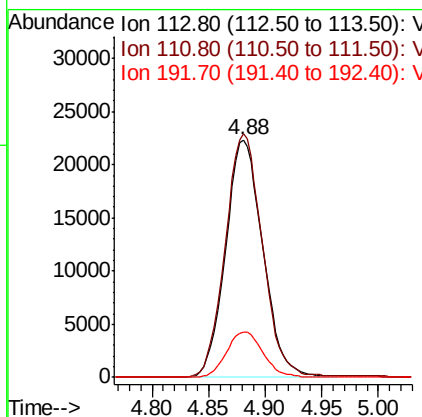
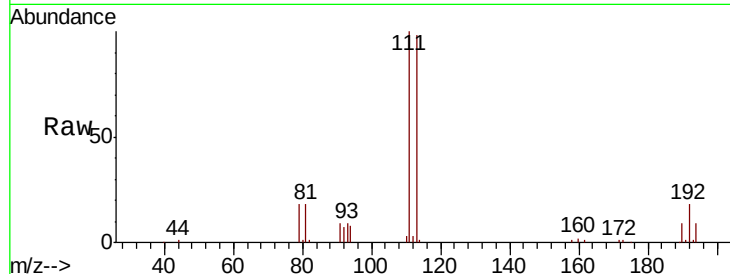




#35
 Dibromofluoromethane
 Concen: 52.977 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028630.D
 Acq: 12 Dec 2018 00:29

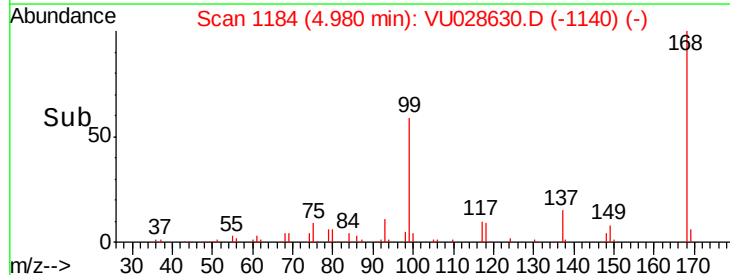
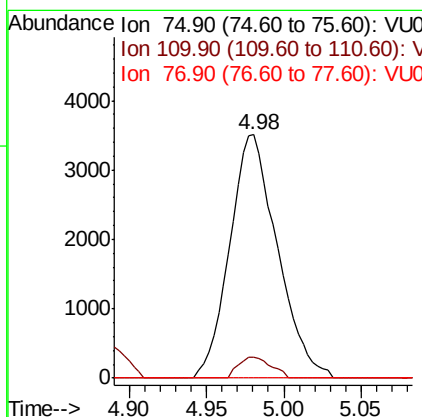
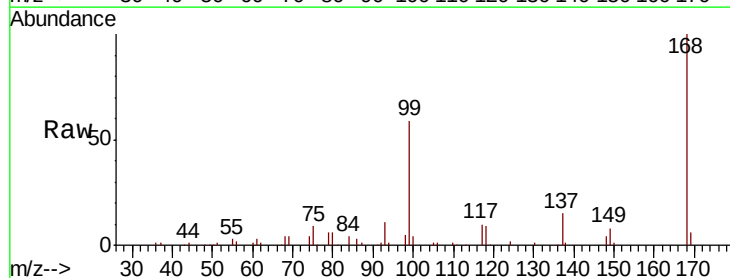
Instrument :
 MSVOA_U
 ClientSampleId :
 ENGINE-WASH

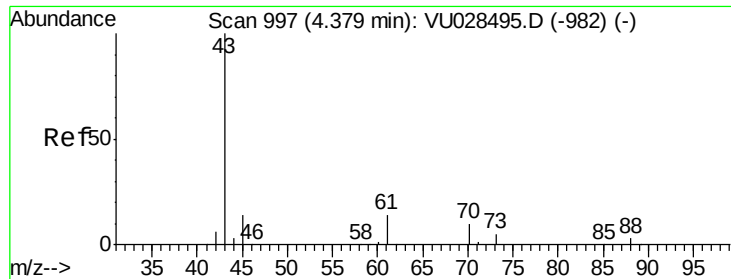
Tot Ion:113 Resp: 51249
 Ion Ratio Lower Upper
 113 100
 111 102.3 83.4 125.0
 192 18.7 14.8 22.2



#36
 1,1-Dichloropropene
 Concen: 4.461 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.16 min
 Lab File: VU028630.D
 Acq: 12 Dec 2018 00:29

Tgt Ion: 75 Resp: 7504
 Ion Ratio Lower Upper
 75 100
 110 5.9 16.1 48.2#
 77 0.0 24.5 36.7#

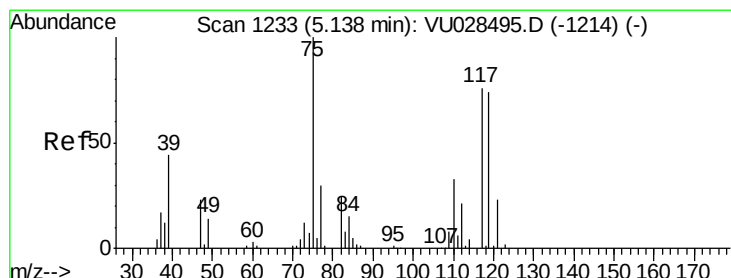
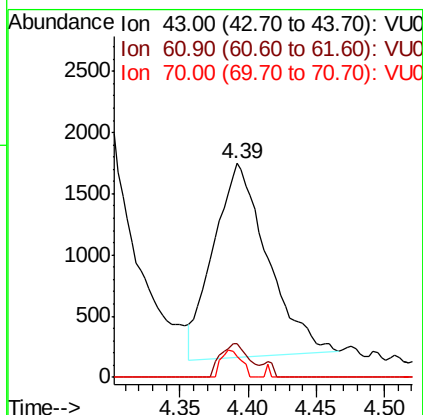
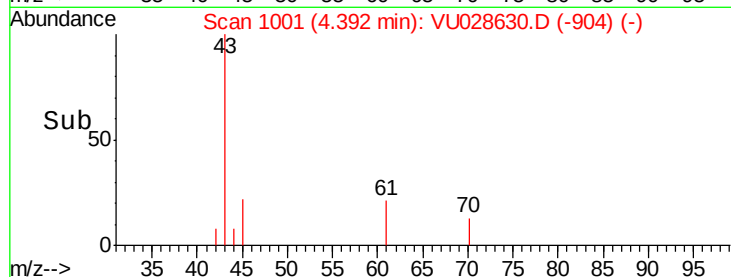
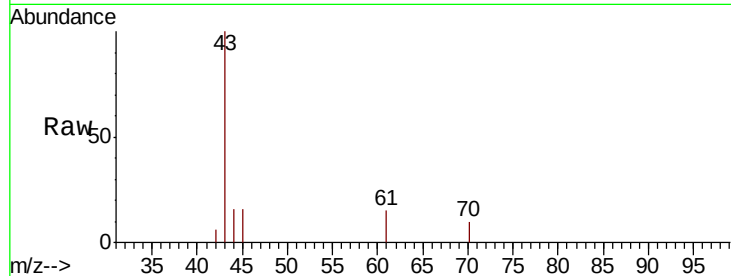




#37
Ethyl Acetate
Concen: 2.014 ug/l
RT: 4.39 min Scan# 1001
Delta R.T. 0.01 min
Lab File: VU028630.D
Acq: 12 Dec 2018 00:29

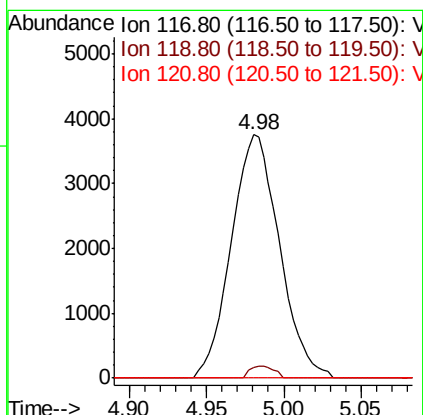
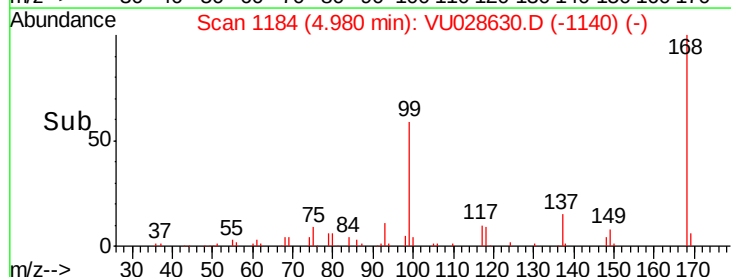
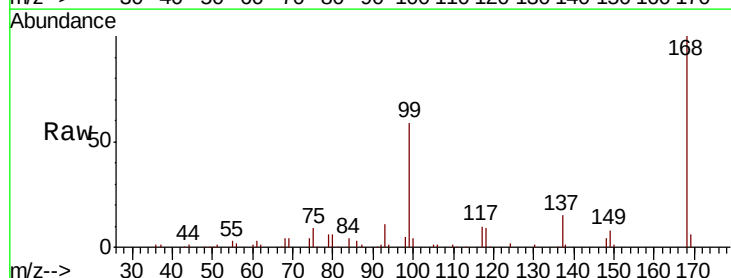
Instrument :
MSVOA_U
ClientSampleId :
ENGINE-WASH

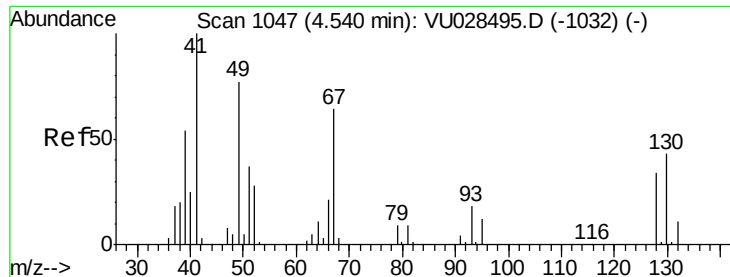
Tot Ion: 43 Resp: 4379
Ion Ratio Lower Upper
43 100
61 9.0 11.0 16.4#
70 5.1 7.4 11.0#



#38
Carbon Tetrachloride
Concen: 5.985 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. -0.16 min
Lab File: VU028630.D
Acq: 12 Dec 2018 00:29

Tgt Ion: 117 Resp: 8114
Ion Ratio Lower Upper
117 100
119 4.5 77.6 116.4#
121 0.0 24.6 36.8#

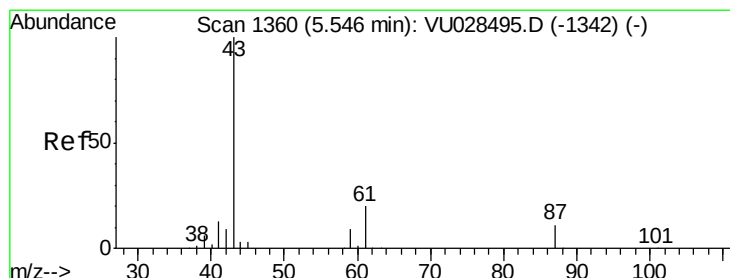
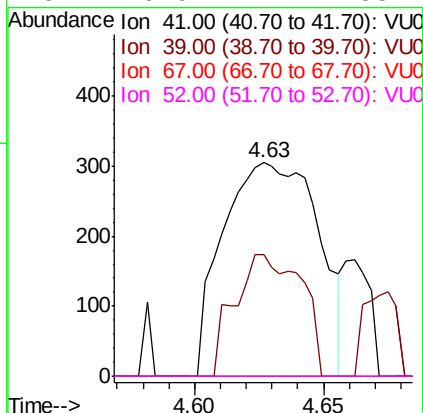
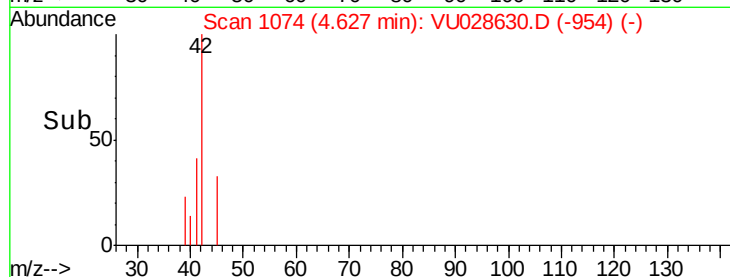
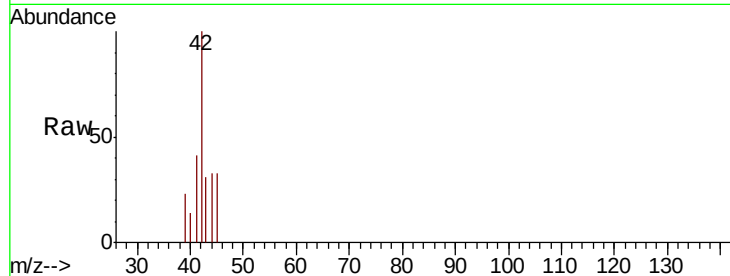




#41
Methacrylonitrile
Concen: 0.660 ug/l
RT: 4.63 min Scan# 1074
Delta R.T. 0.09 min
Lab File: VU028630.D
Acq: 12 Dec 2018 00:29

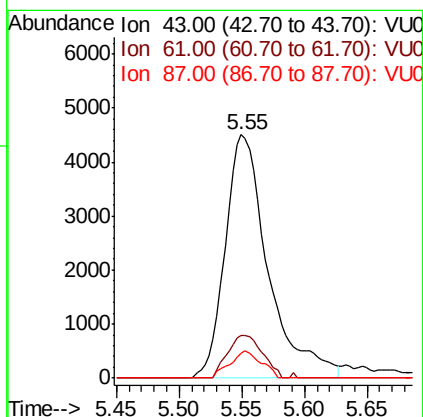
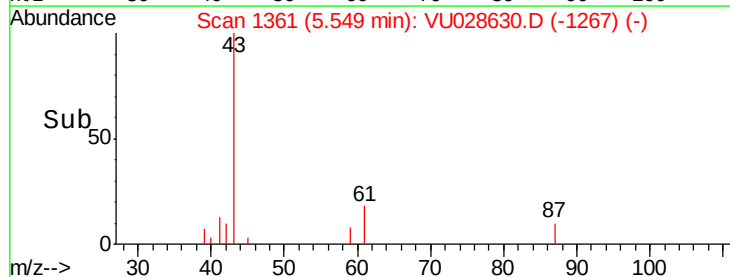
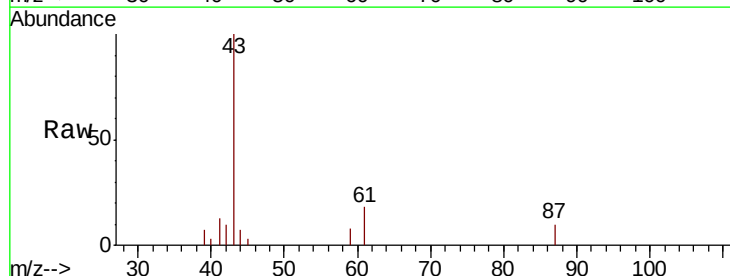
Instrument :
MSVOA_U
ClientSampleId :
ENGINE-WASH

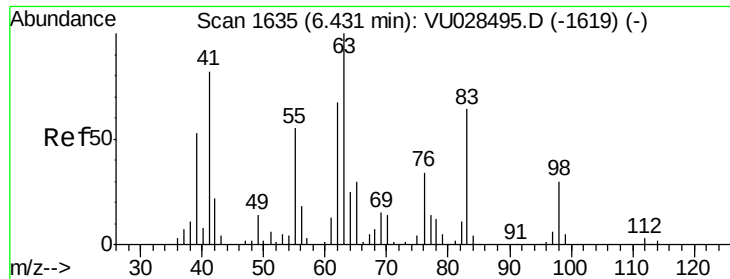
Tot Ion: 41 Resp: 786
Ion Ratio Lower Upper
41 100
39 40.1 43.3 64.9#
67 0.0 53.6 80.4#
52 0.0 22.1 33.1#



#43
Isopropyl Acetate
Concen: 3.115 ug/l
RT: 5.55 min Scan# 1361
Delta R.T. 0.00 min
Lab File: VU028630.D
Acq: 12 Dec 2018 00:29

Tgt Ion: 43 Resp: 10713
Ion Ratio Lower Upper
43 100
61 14.2 15.5 23.3#
87 8.0 8.7 13.1#

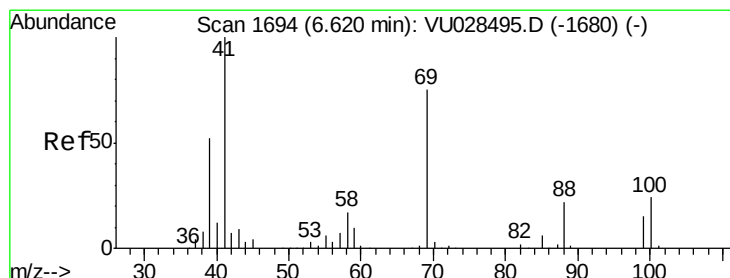
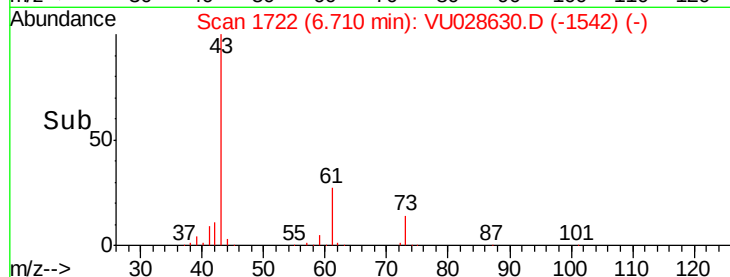
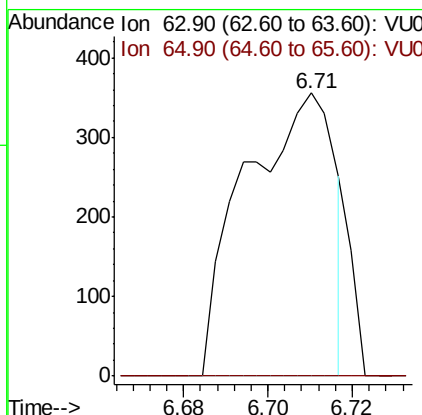
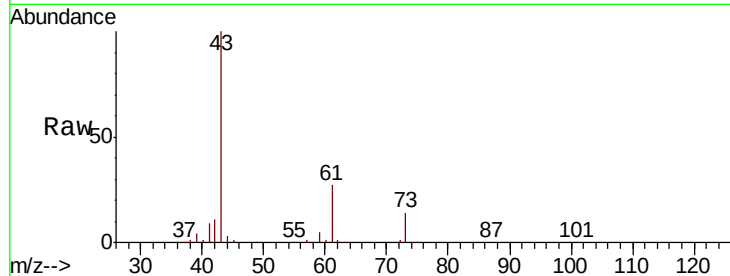




#45
 1,2-Dichloropropane
 Concen: 0.375 ug/l
 RT: 6.71 min Scan# 1722
 Delta R.T. 0.28 min
 Lab File: VU028630.D
 Acq: 12 Dec 2018 00:29

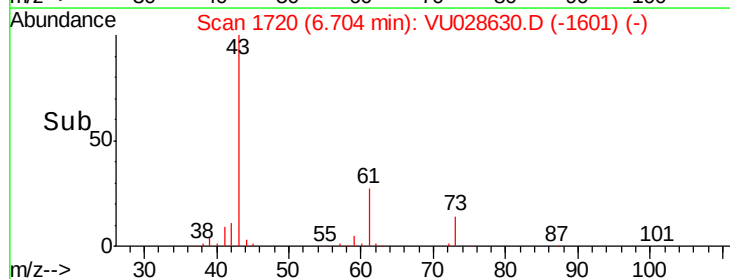
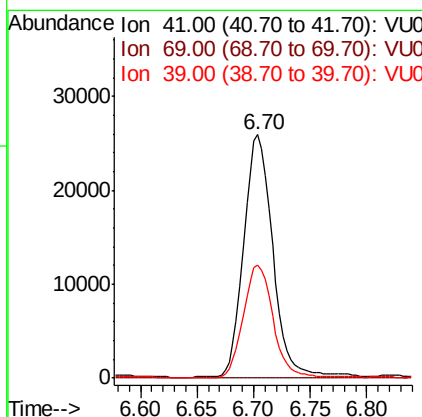
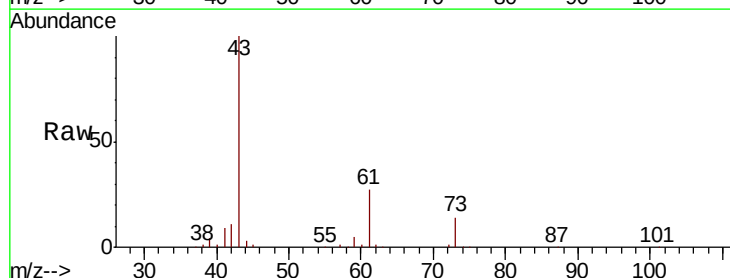
Instrument :
 MSVOA_U
 ClientSampleId :
 ENGINE-WASH

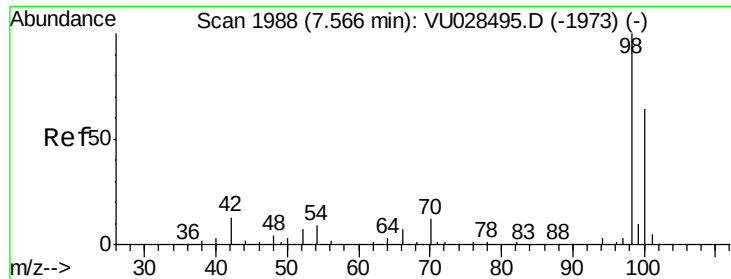
Tot Ion: 63 Resp: 523
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.2 36.4#



#48
 Methyl methacrylate
 Concen: 27.428 ug/l
 RT: 6.70 min Scan# 1720
 Delta R.T. 0.08 min
 Lab File: VU028630.D
 Acq: 12 Dec 2018 00:29

Tgt Ion: 41 Resp: 46914
 Ion Ratio Lower Upper
 41 100
 69 0.0 60.4 90.6#
 39 47.3 41.1 61.7

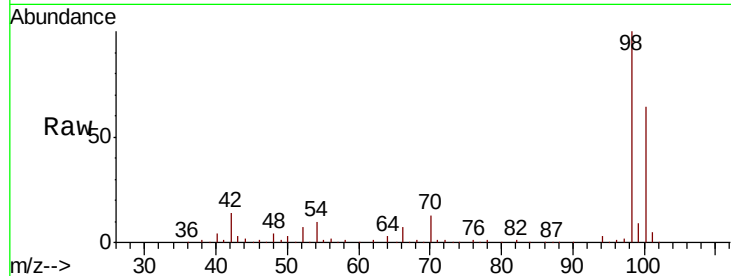




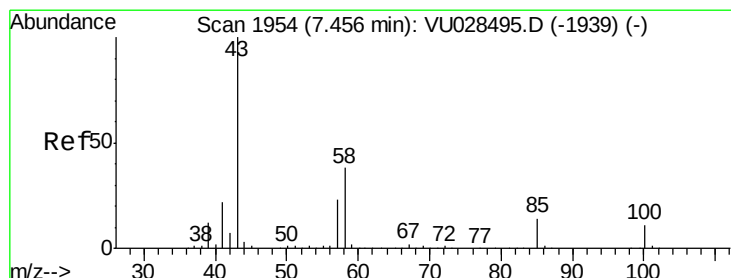
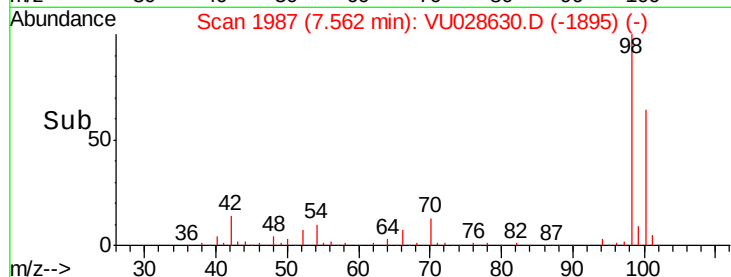
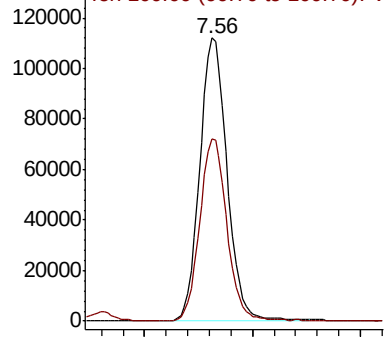
#50
Toluene-d8
Concen: 51.556 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VU028630.D
Acq: 12 Dec 2018 00:29

Instrument :
MSVOA_U
ClientSampleId :
ENGINE-WASH

Tot Ion: 98 Resp: 197297
Ion Ratio Lower Upper
98 100
100 63.9 51.0 76.6

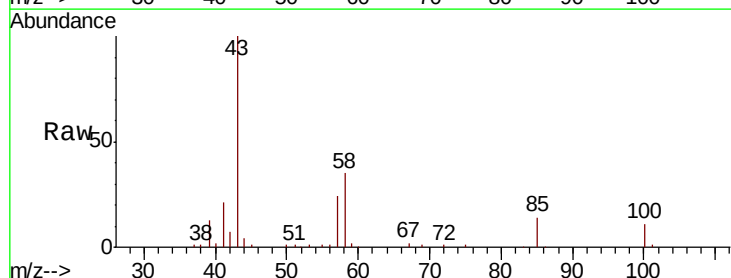


Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU

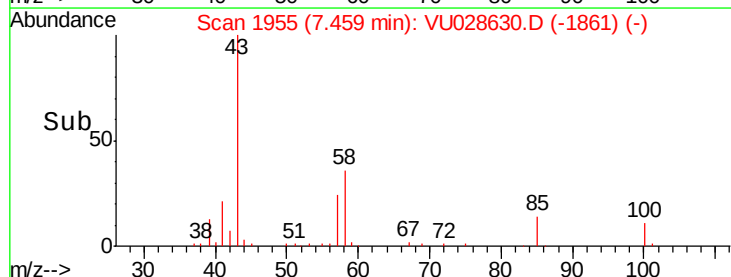
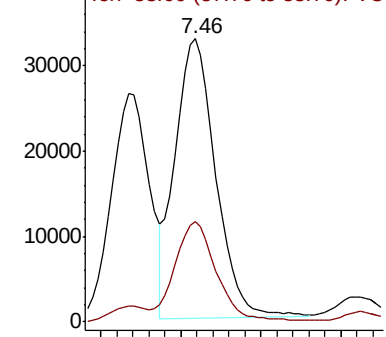


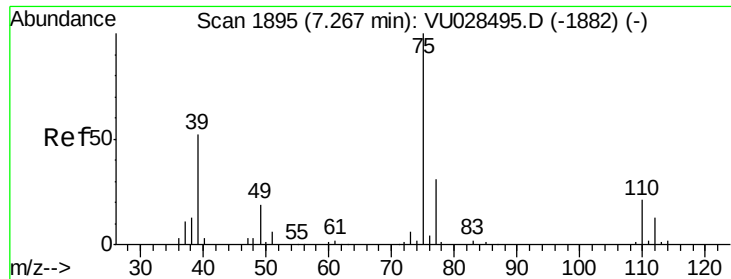
#51
4-Methyl-2-Pentanone
Concen: 26.518 ug/l
RT: 7.46 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VU028630.D
Acq: 12 Dec 2018 00:29

Tgt Ion: 43 Resp: 57526
Ion Ratio Lower Upper
43 100
58 37.3 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0



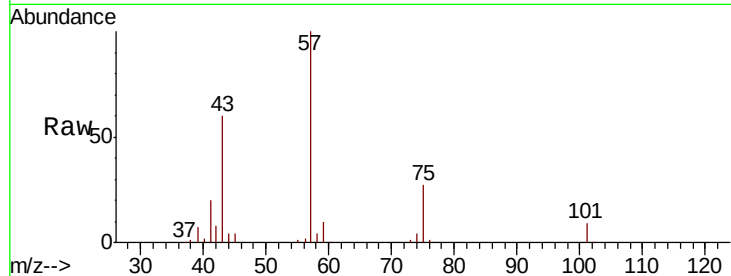


#54

cis-1,3-Dichloropropene
 Concen: 9.664 ug/l
 RT: 7.42 min Scan# 1943
 Delta R.T. 0.15 min
 Lab File: VU028630.D
 Acq: 12 Dec 2018 00:29

Instrument :
 MSVOA_U
 ClientSampleId :
 ENGINE-WASH

Tot Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.0	37.4#
39	28.2	41.3	61.9#

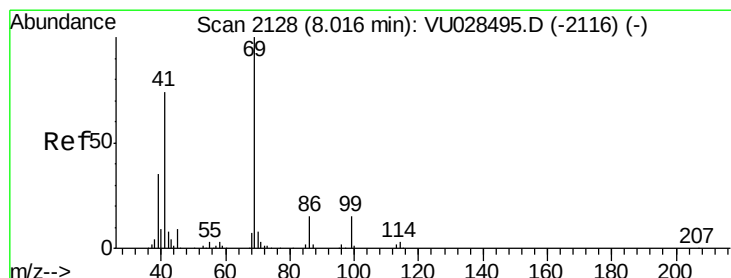
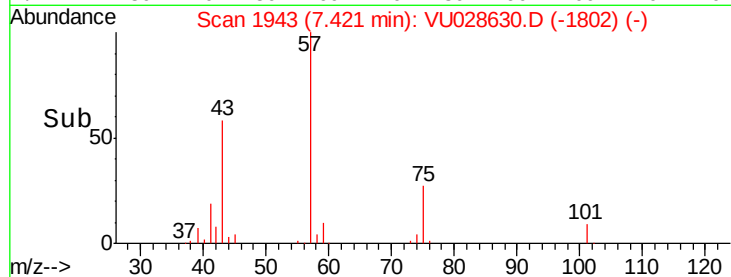
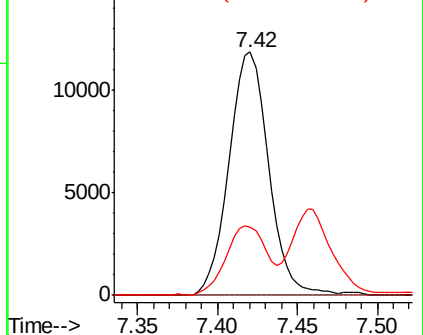


Abundance

Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

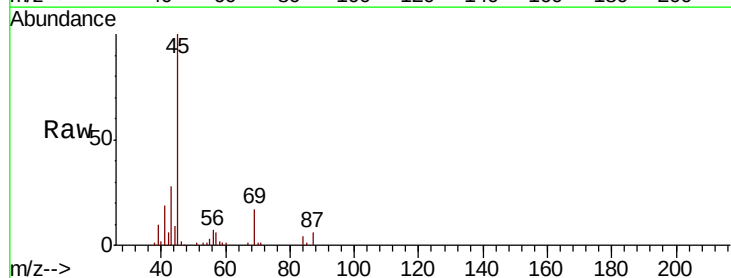
Ion 39.00 (38.70 to 39.70): VU0



#56

Ethyl methacrylate
 Concen: 3.427 ug/l
 RT: 7.91 min Scan# 2094
 Delta R.T. -0.11 min
 Lab File: VU028630.D
 Acq: 12 Dec 2018 00:29

Tgt Ion	Ratio	Lower	Upper
69	100		
41	99.0	59.1	88.7#
39	58.9	28.4	42.6#

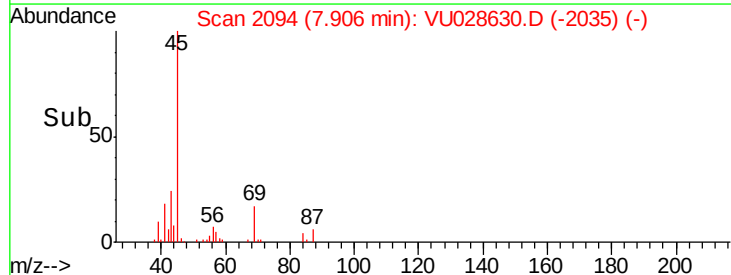
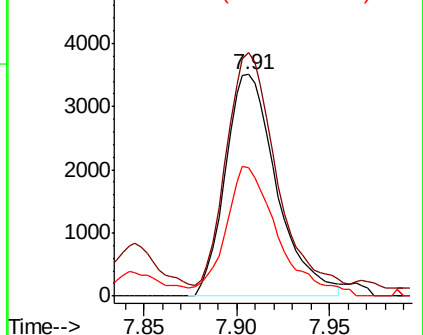


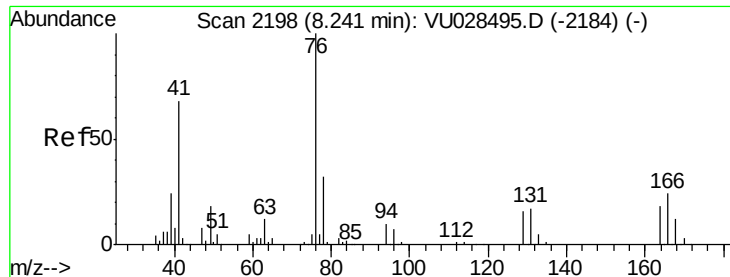
Abundance

Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0





#57

1,3-Dichloropropane

Concen: 1.813 ug/l

RT: 8.41 min Scan# 2252

Delta R.T. 0.17 min

Lab File: VU028630.D

Acq: 12 Dec 2018 00:29

Instrument :

MSVOA_U

ClientSampleId :

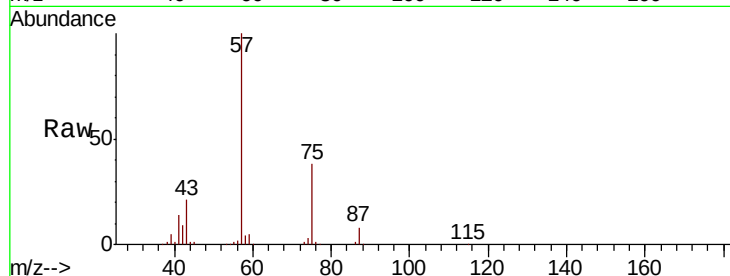
ENGINE-WASH

Tot Ion: 76 Resp: 3880

Ion Ratio Lower Upper

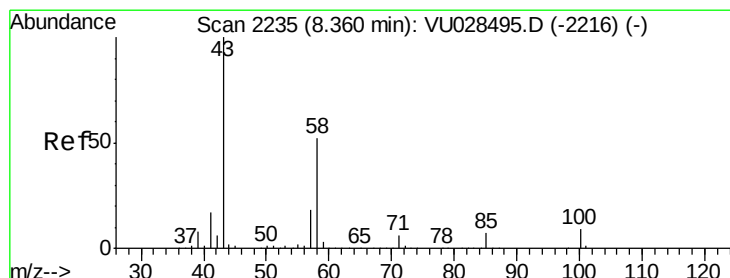
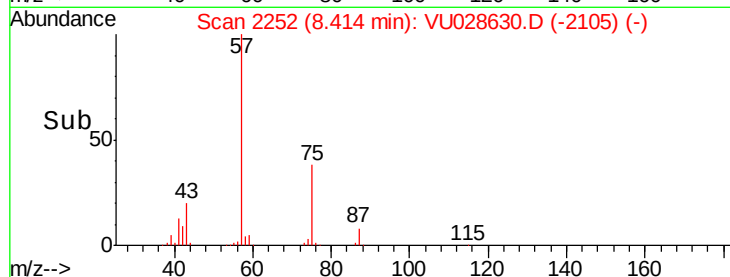
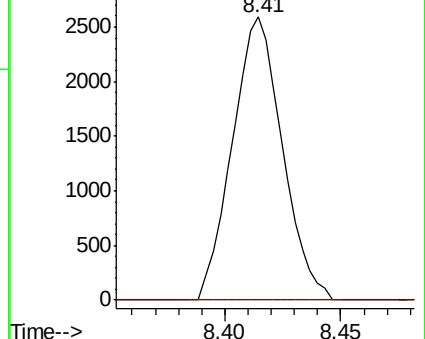
76 100

78 0.0 25.2 37.8#



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#59

2-Hexanone

Concen: 4.213 ug/l

RT: 8.31 min Scan# 2220

Delta R.T. -0.05 min

Lab File: VU028630.D

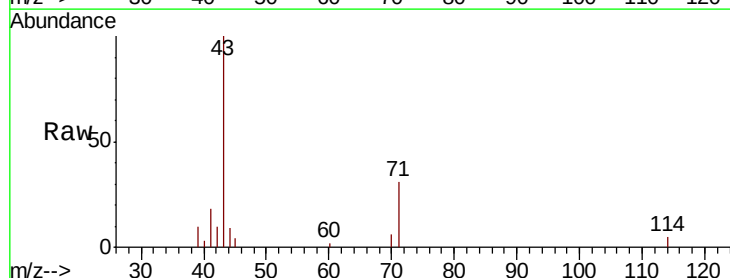
Acq: 12 Dec 2018 00:29

Tgt Ion: 43 Resp: 7244

Ion Ratio Lower Upper

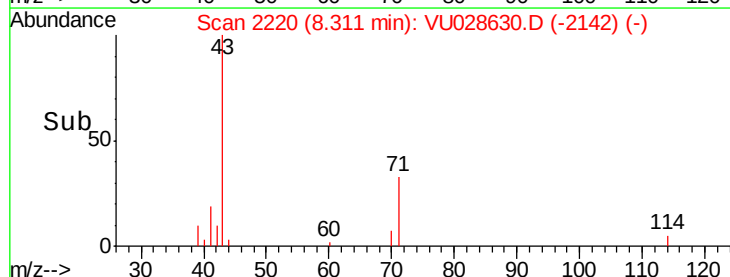
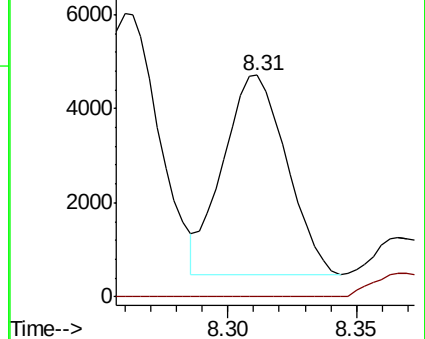
43 100

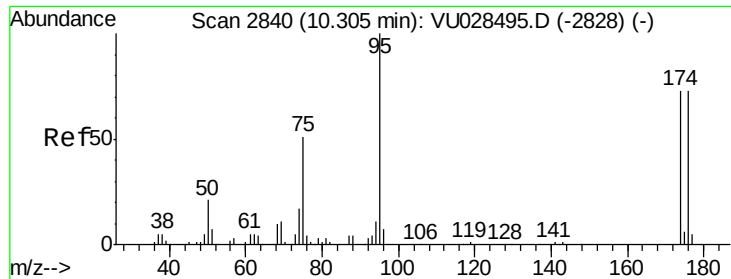
58 0.0 25.9 77.6#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#62

4-Bromofluorobenzene

Concen: 45.457 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU028630.D

Acq: 12 Dec 2018 00:29

Instrument :

MSVOA_U

ClientSampleId :

ENGINE-WASH

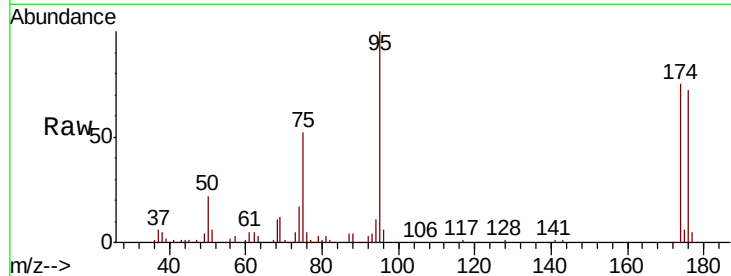
Tot Ion: 95 Resp: 65018

Ion Ratio Lower Upper

95 100

174 74.1 0.0 150.4

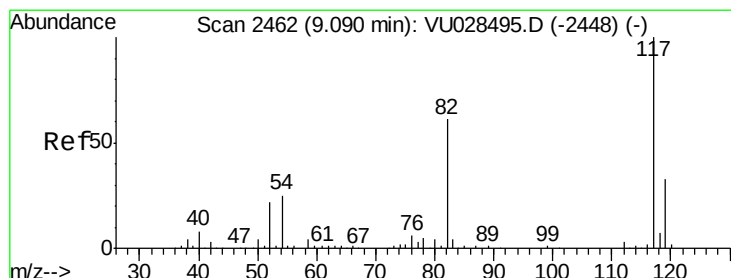
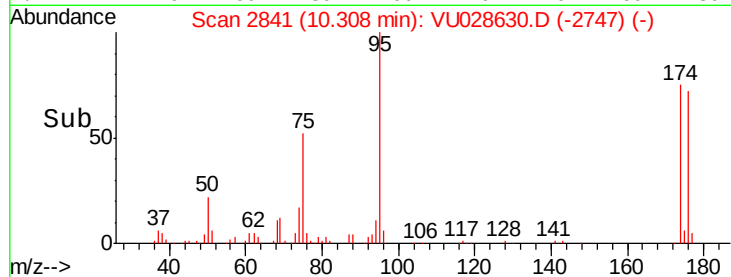
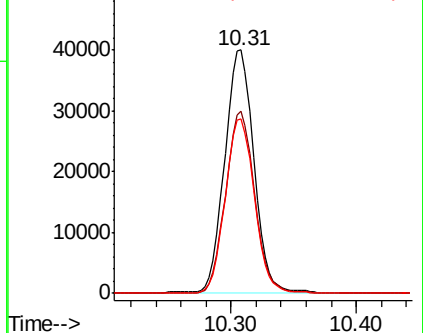
176 71.6 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2461

Delta R.T. -0.00 min

Lab File: VU028630.D

Acq: 12 Dec 2018 00:29

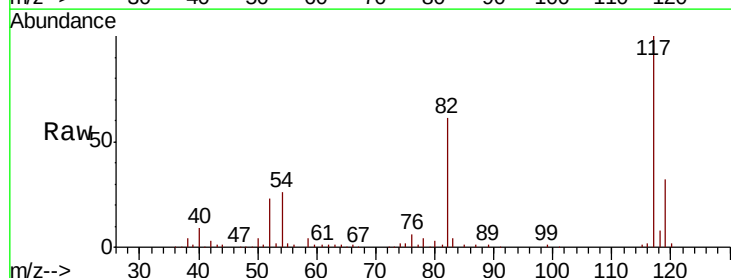
Tgt Ion: 117 Resp: 134004

Ion Ratio Lower Upper

117 100

82 60.9 48.9 73.3

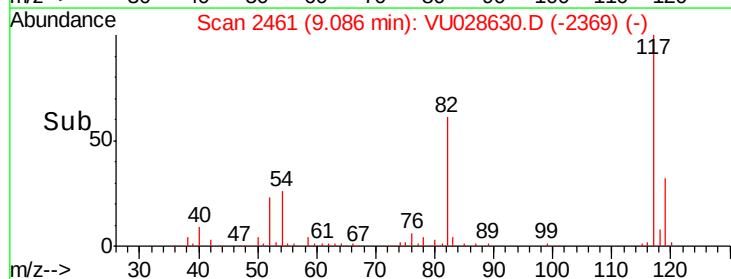
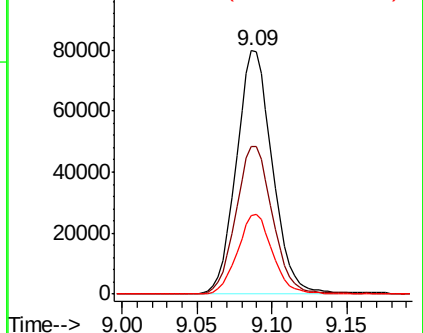
119 32.1 26.2 39.4

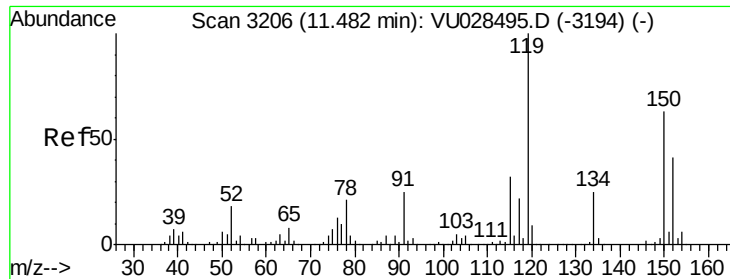


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V



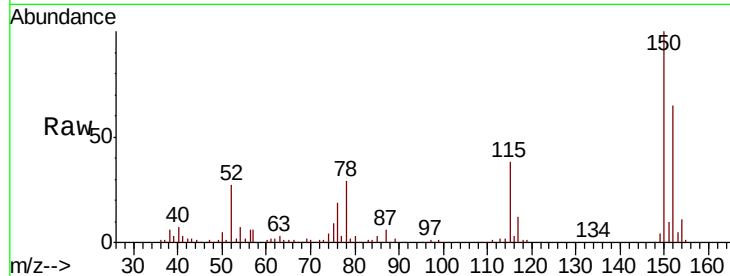


#72

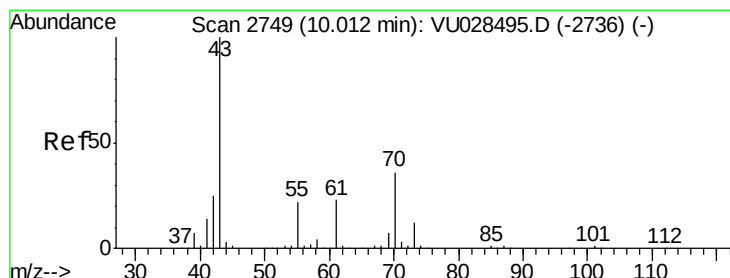
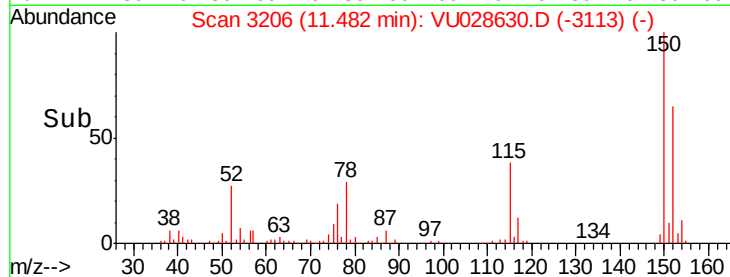
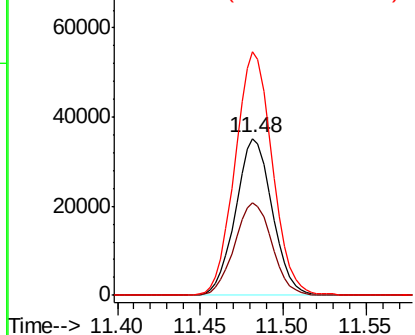
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028630.D
Acq: 12 Dec 2018 00:29

Instrument :
MSVOA_U
ClientSampleId :
ENGINE-WASH

Tot Ion:152 Resp: 54132
Ion Ratio Lower Upper
152 100
115 60.3 42.7 128.1
150 158.0 0.0 346.0



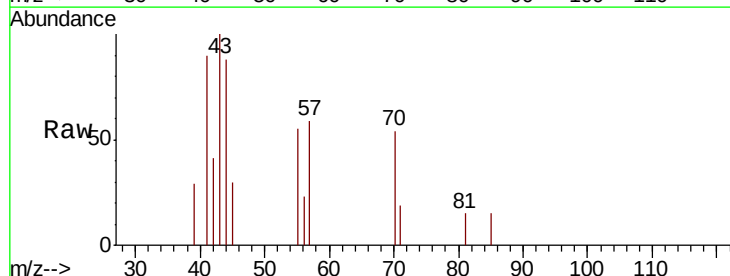
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



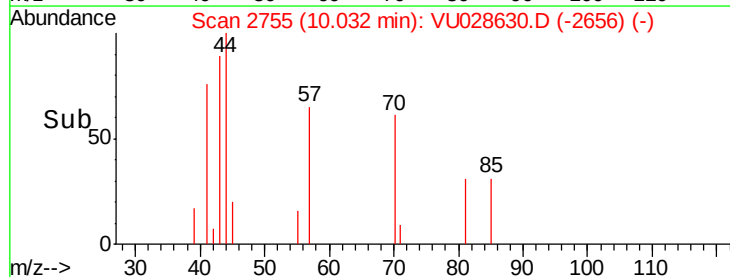
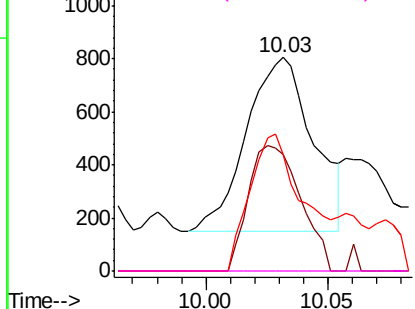
#74

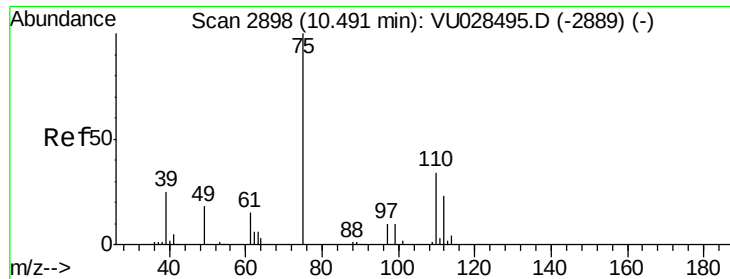
N-ethyl acetate
Concen: 0.518 ug/l
RT: 10.03 min Scan# 2755
Delta R.T. 0.02 min
Lab File: VU028630.D
Acq: 12 Dec 2018 00:29

Tgt Ion: 43 Resp: 1242
Ion Ratio Lower Upper
43 100
70 56.4 29.3 43.9#
55 62.7 18.0 27.0#
61 0.0 18.3 27.5#



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 70.00 (69.70 to 70.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 61.00 (60.70 to 61.70): VU0





#76

1,2,3-Trichloropropane

Concen: 24.217 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.19 min

Lab File: VU028630.D

Acq: 12 Dec 2018 00:29

Instrument :

MSVOA_U

ClientSampleId :

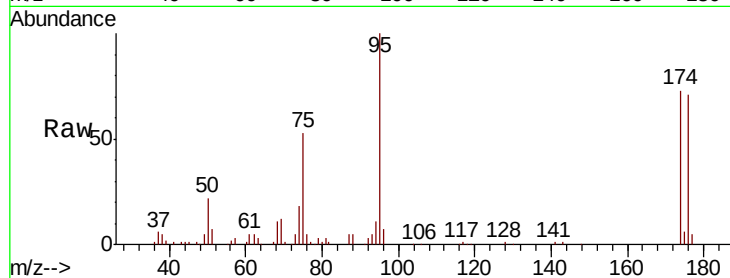
ENGINE-WASH

Tot Ion: 75 Resp: 33475

Ion Ratio Lower Upper

75 100

77 1.3 20.8 62.4#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

10.30

20000

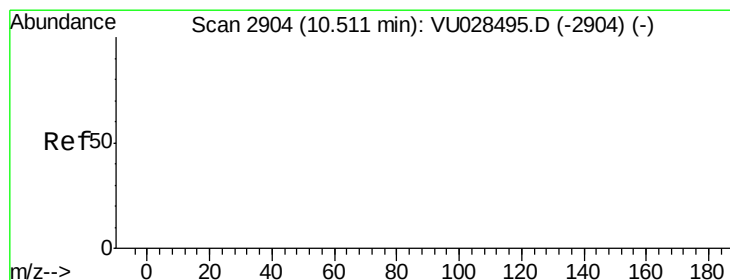
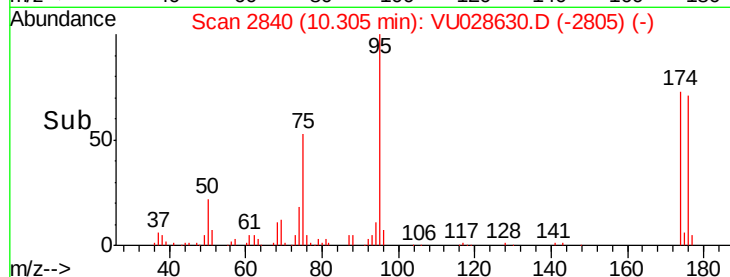
15000

10000

5000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 59.443 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.21 min

Lab File: VU028630.D

Acq: 12 Dec 2018 00:29

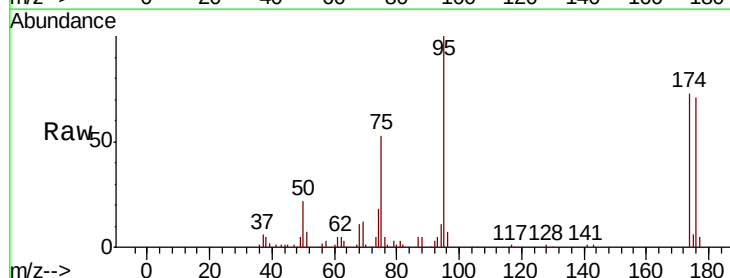
Tgt Ion: 75 Resp: 33475

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0

10.30

25000

20000

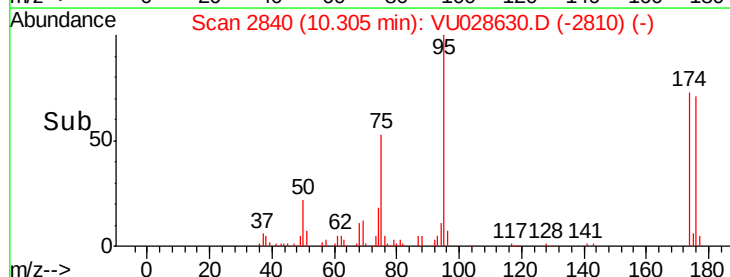
15000

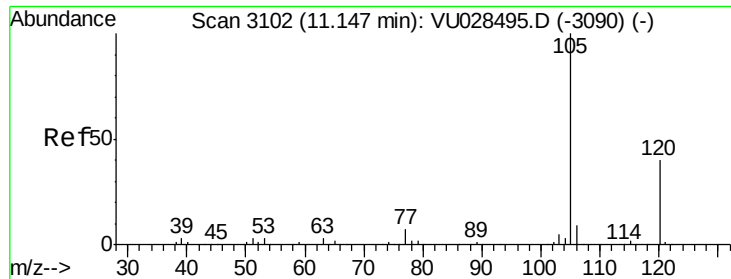
10000

5000

0

Time-->

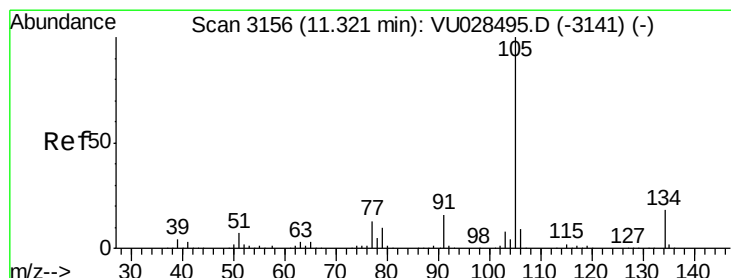
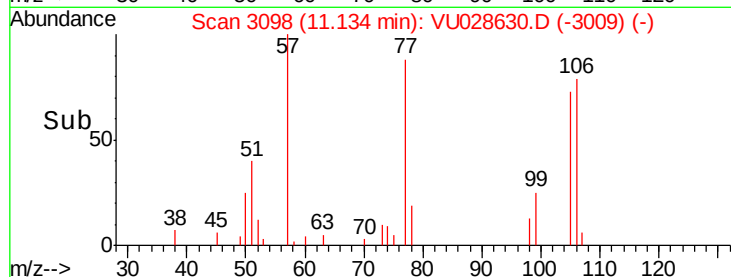
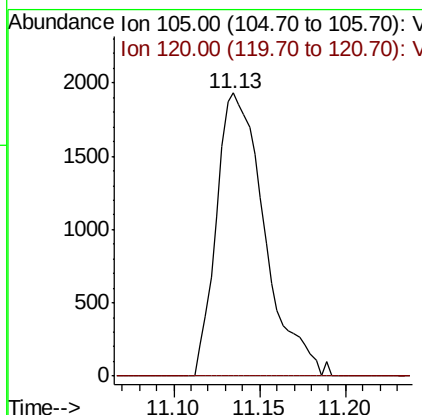
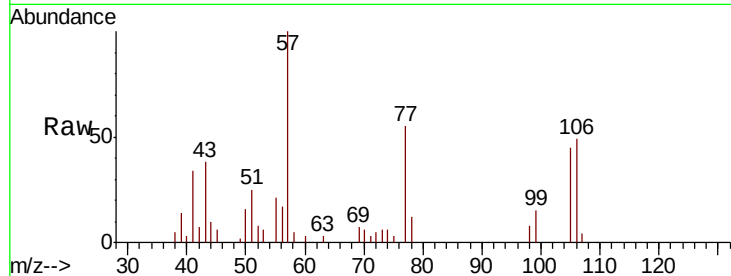




#84
 1,2,4-Trimethylbenzene
 Concen: 1.066 ug/l
 RT: 11.13 min Scan# 3098
 Delta R.T. -0.01 min
 Lab File: VU028630.D
 Acq: 12 Dec 2018 00:29

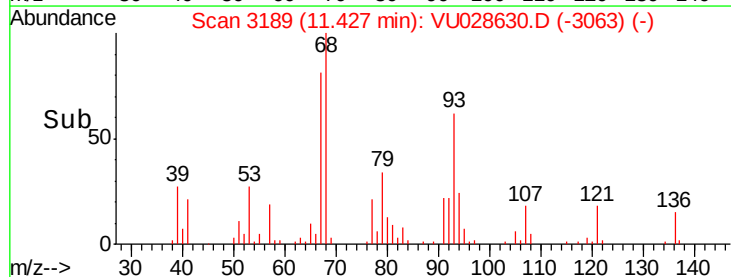
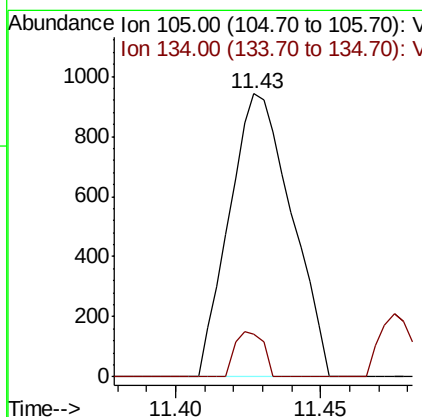
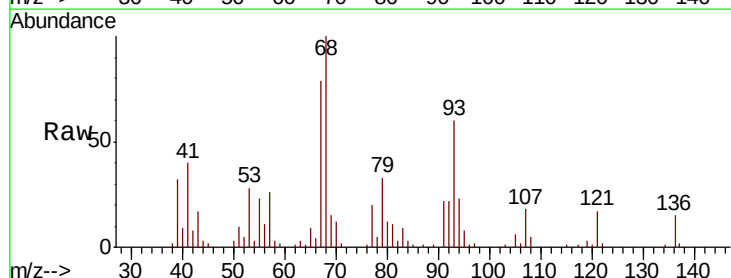
Instrument :
 MSVOA_U
 ClientSampleId :
 ENGINE-WASH

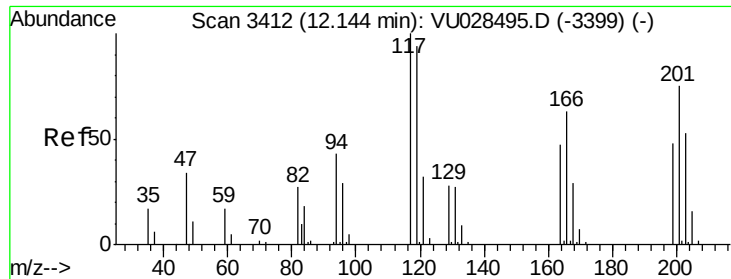
Tot Ion:105 Resp: 3778
 Ion Ratio Lower Upper
 105 100
 120 0.0 21.8 65.4#



#85
 sec-Butylbenzene
 Concen: 0.329 ug/l
 RT: 11.43 min Scan# 3189
 Delta R.T. 0.11 min
 Lab File: VU028630.D
 Acq: 12 Dec 2018 00:29

Tgt Ion:105 Resp: 1402
 Ion Ratio Lower Upper
 105 100
 134 7.3 9.2 27.6#





#90

Hexachloroethane

Concen: 0.296 ug/l

RT: 12.32 min Scan# 3468

Delta R.T. 0.18 min

Lab File: VU028630.D

Acq: 12 Dec 2018 00:29

Instrument :

MSVOA_U

ClientSampleId :

ENGINE-WASH

Tot Ion:117 Resp: 162

Ion Ratio Lower Upper

117 100

201 0.0 38.1 114.5#

