

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121118\
 Data File : VU028593.D
 Acq On : 11 Dec 2018 08:54
 Operator : MD/SY
 Sample : J6305-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SW004-01

Quant Time: Dec 11 11:41:03 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

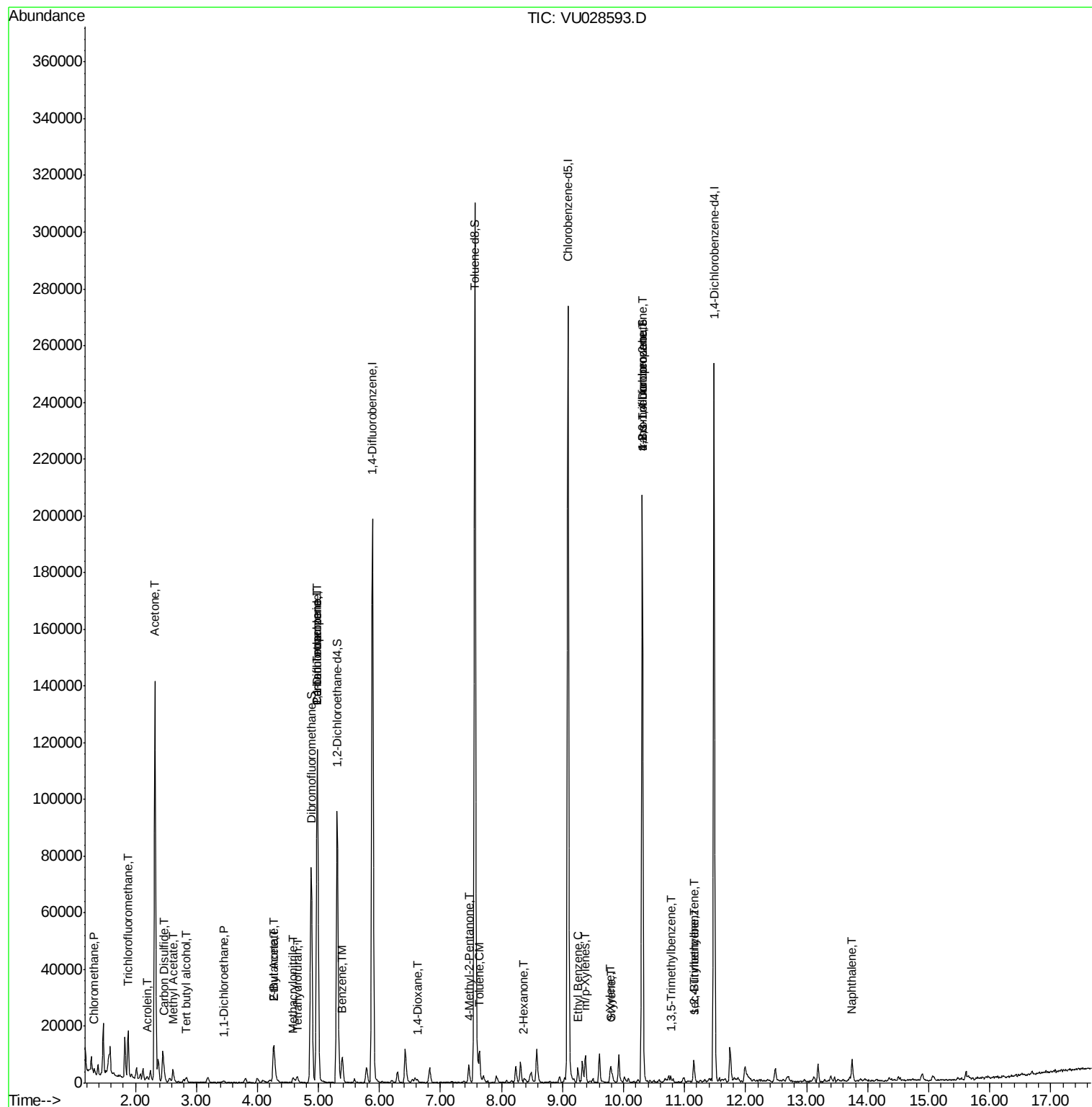
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	84781	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	158512	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	143428	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	60446	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	72206	55.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.62%	
35) Dibromofluoromethane	4.88	113	52878	53.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.02%	
50) Toluene-d8	7.56	98	203990	51.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.38%	
62) 4-Bromofluorobenzene	10.30	95	69482	47.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.22%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.33	50	1851	0.886	ug/l	90
7) Trichlorofluoromethane	1.88	101	10126	6.384	ug/l	98
11) Tert butyl alcohol	2.83	59	2157	7.483	ug/l #	76
13) Acrolein	2.20	56	550	2.393	ug/l #	61
16) Acetone	2.32	43	144453	171.098	ug/l	100
17) Carbon Disulfide	2.47	76	3160	0.929	ug/l	95
18) Methyl Acetate	2.62	43	5642	2.578	ug/l	94
24) 1,1-Dichloroethane	3.45	63	782	0.344	ug/l #	85
25) 2-Butanone	4.27	43	24439	21.182	ug/l	98
29) Tetrahydrofuran	4.65	42	1436	1.938	ug/l #	77
31) Cyclohexane	4.98	56	2156	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	7660	4.416	ug/l #	49
37) Ethyl Acetate	4.27	43	24439	10.899	ug/l #	70
38) Carbon Tetrachloride	4.98	117	9072	6.489	ug/l #	16
40) Benzene	5.39	78	8646	1.692	ug/l	97
41) Methacrylonitrile	4.59	41	343	0.279	ug/l #	25
49) 1,4-Dioxane	6.62	88	405	14.543	ug/l #	74
51) 4-Methyl-2-Pentanone	7.46	43	5144	2.300	ug/l	92
52) Toluene	7.64	92	3431	1.141	ug/l	85
59) 2-Hexanone	8.37	43	1065	0.601	ug/l	100
67) Ethyl Benzene	9.25	91	3780	0.673	ug/l	95
68) m/p-Xylenes	9.37	106	2631	1.287	ug/l	97
69) o-Xylene	9.78	106	788	0.397	ug/l	74
70) Styrene	9.80	104	2363	0.719	ug/l	91
76) 1,2,3-Trichloropropane	10.30	75	36751	23.810	ug/l #	36
80) 1,3,5-Trimethylbenzene	10.77	105	1394	0.363	ug/l	96
81) trans-1,4-Dichloro-2-buten	10.30	75	36751	58.452	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	3154	0.797	ug/l	94
85) sec-Butylbenzene	11.15	105	3154	0.663	ug/l #	59
95) Naphthalene	13.74	128	6265	1.274	ug/l	100

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

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Quant Title : SW846 8260
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# 1185

Delta R.T. -0.00 min

Lab File: VU028593.D

Acq: 11 Dec 2018 08:54

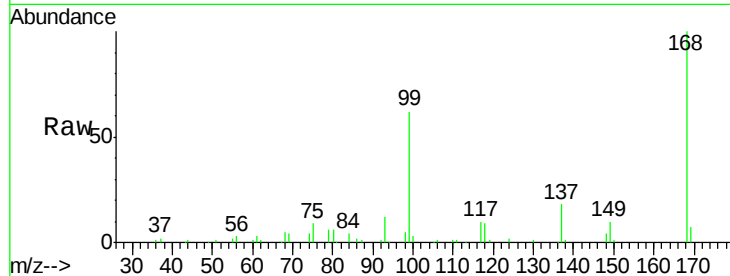
Instrument :
MSVOA_U
ClientSampleId :
P001-SW004-01

Tot Ion:168 Resp: 84781

Ion Ratio Lower Upper

168 100

99 61.6 46.6 69.8



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

Ion 98.90 (98.60 to 99.60): VU028495.D (-1168) (-)

4.98

40000

30000

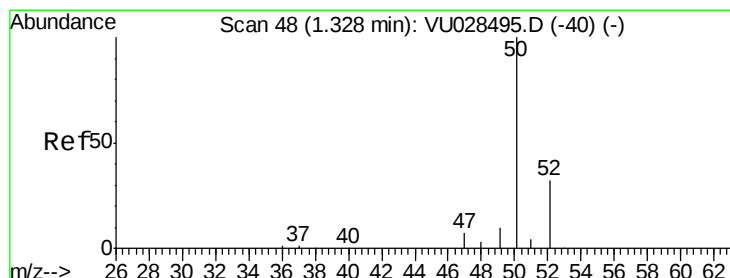
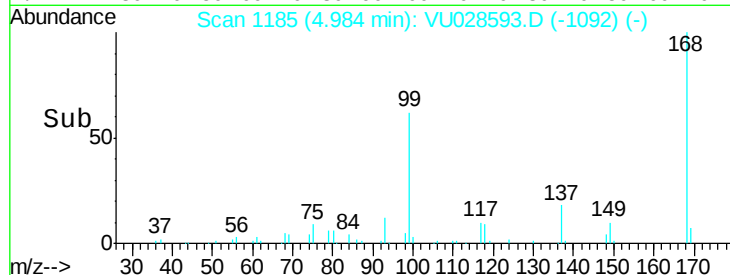
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#3

Chloromethane

Concen: 0.886 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU028593.D

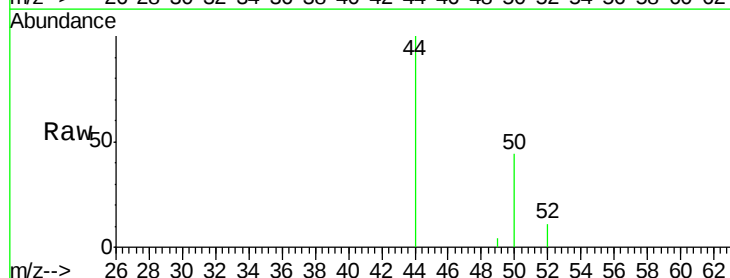
Acq: 11 Dec 2018 08:54

Tgt Ion: 50 Resp: 1851

Ion Ratio Lower Upper

50 100

52 26.1 25.5 38.3



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

Ion 51.90 (51.60 to 52.60): VU028495.D (-40) (-)

1.33

1500

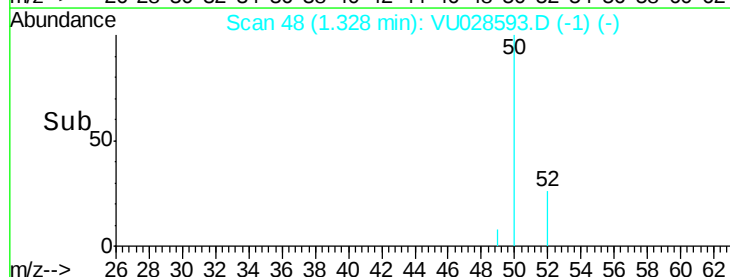
1000

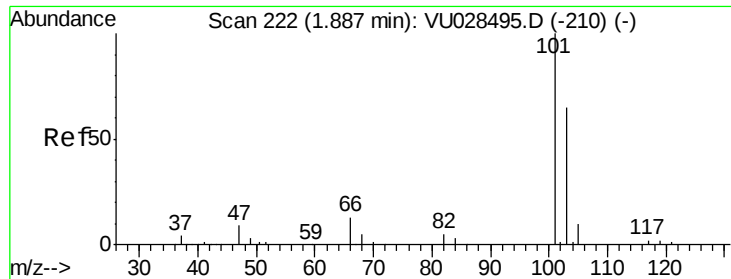
500

0

1.30 1.35

Time-->



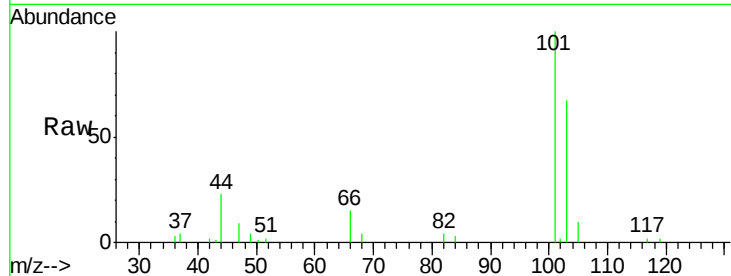


#7

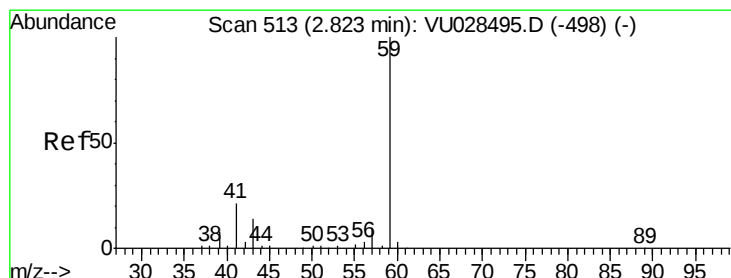
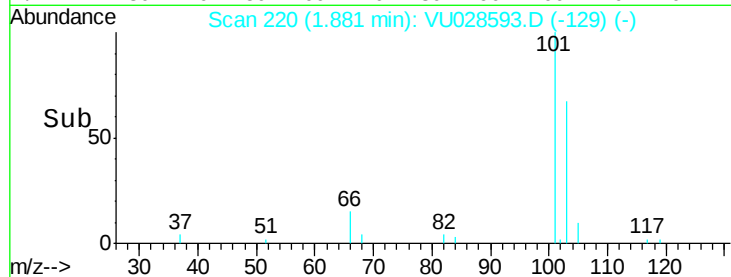
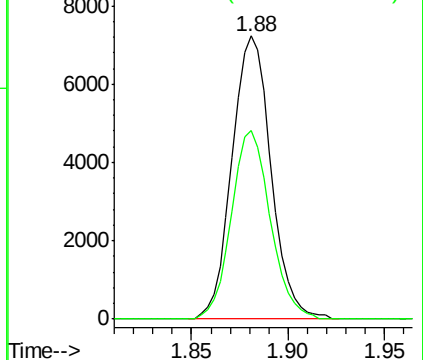
Trichlorofluoromethane
 Concen: 6.384 ug/l
 RT: 1.88 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VU028593.D
 Acq: 11 Dec 2018 08:54

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SW004-01

Tot Ion:101 Resp: 10126
 Ion Ratio Lower Upper
 101 100
 103 66.6 52.3 78.5



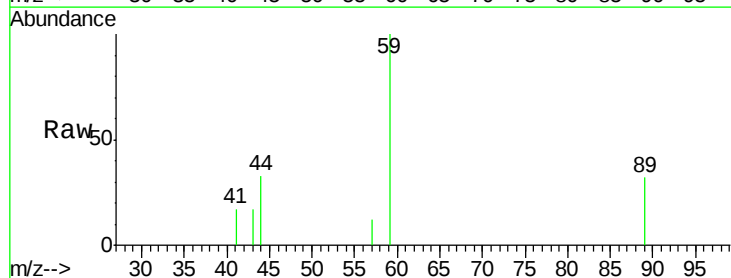
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



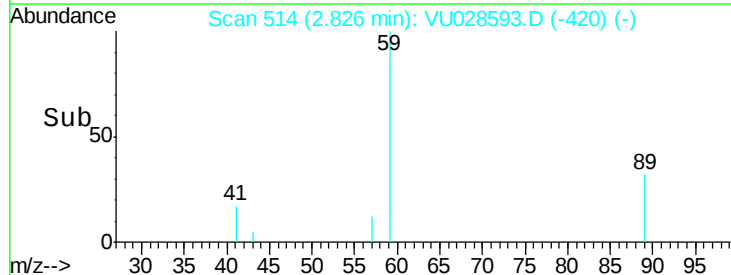
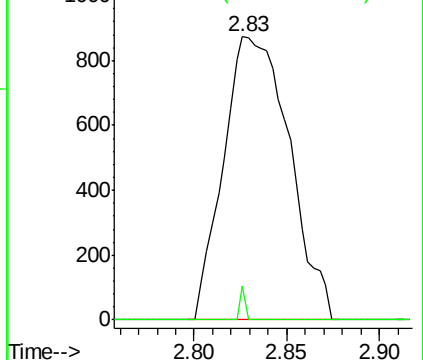
#11

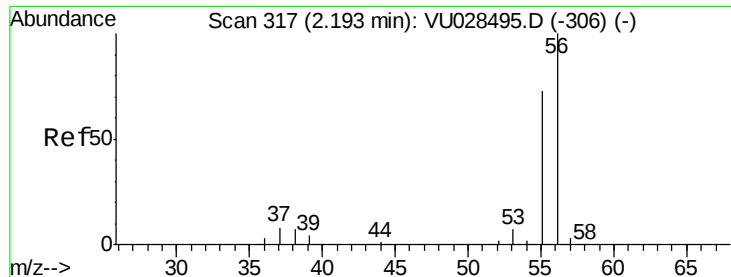
Tert butyl alcohol
 Concen: 7.483 ug/l
 RT: 2.83 min Scan# 514
 Delta R.T. 0.00 min
 Lab File: VU028593.D
 Acq: 11 Dec 2018 08:54

Tgt Ion: 59 Resp: 2157
 Ion Ratio Lower Upper
 59 100
 57 0.9 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VU0
 Ion 57.00 (56.70 to 57.70): VU0





#13

Acrolein

Concen: 2.393 ug/l

RT: 2.20 min Scan# 318

Delta R.T. 0.00 min

Lab File: VU028593.D

Acq: 11 Dec 2018 08:54

Instrument :

MSVOA_U

ClientSampleId :

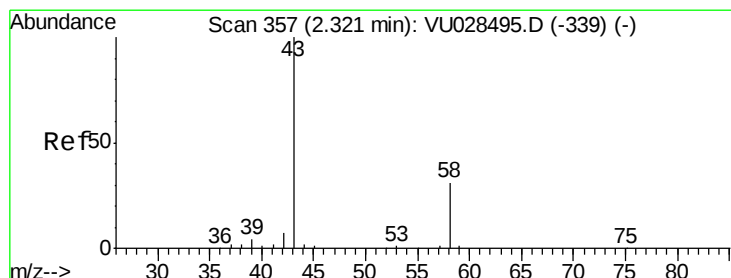
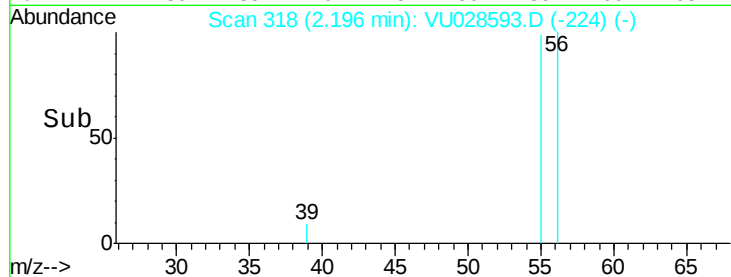
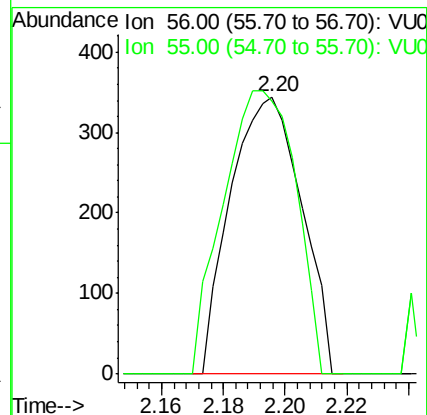
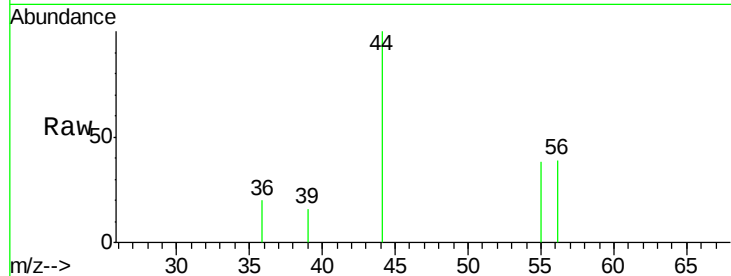
P001-SW004-01

Tot Ion: 56 Resp: 550

Ion Ratio Lower Upper

56 100

55 104.5 57.5 86.3#



#16

Acetone

Concen: 171.098 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028593.D

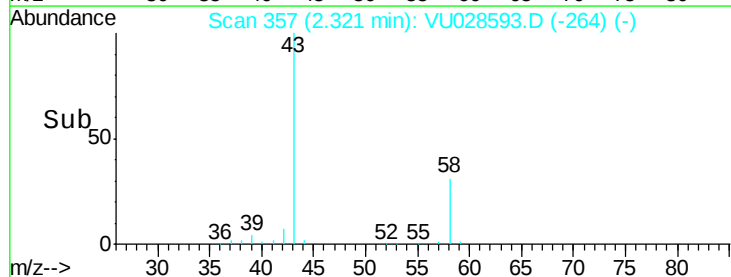
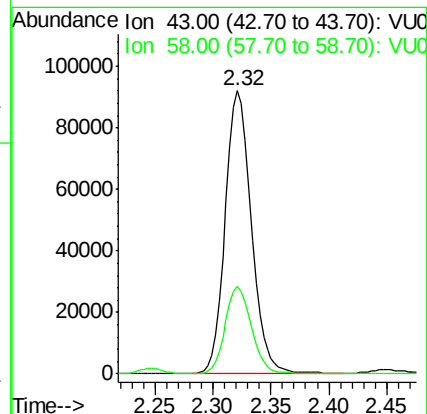
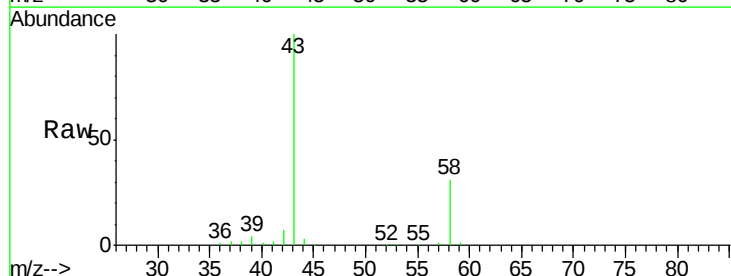
Acq: 11 Dec 2018 08:54

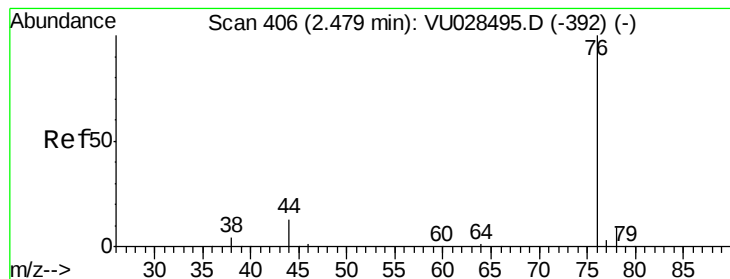
Tgt Ion: 43 Resp: 144453

Ion Ratio Lower Upper

43 100

58 30.8 24.6 37.0





#17

Carbon Disulfide

Concen: 0.929 ug/l

RT: 2.47 min Scan# 404

Delta R.T. -0.01 min

Lab File: VU028593.D

Acq: 11 Dec 2018 08:54

Instrument :

MSVOA_U

ClientSampleId :

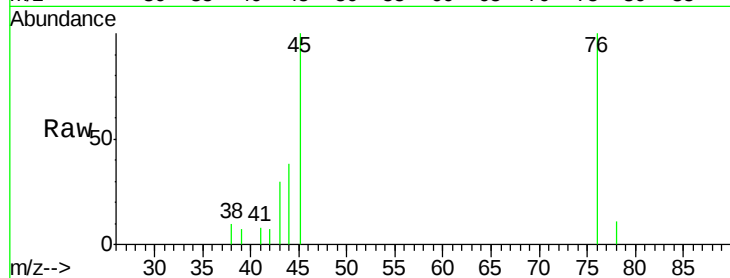
P001-SW004-01

Tot Ion: 76 Resp: 3160

Ion Ratio Lower Upper

76 100

78 10.8 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0

2.47

1500

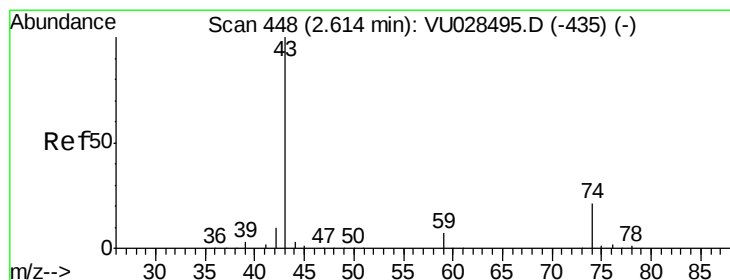
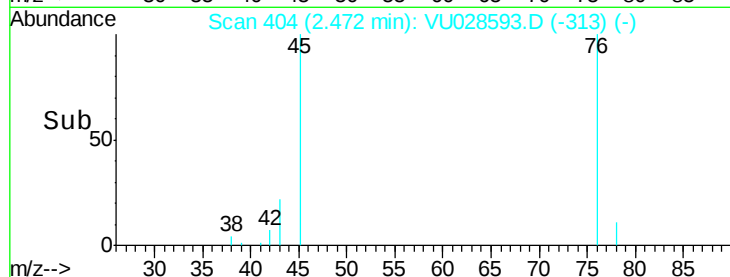
1000

500

0

2.45 2.50

Time-->



#18

Methyl Acetate

Concen: 2.578 ug/l

RT: 2.62 min Scan# 449

Delta R.T. 0.00 min

Lab File: VU028593.D

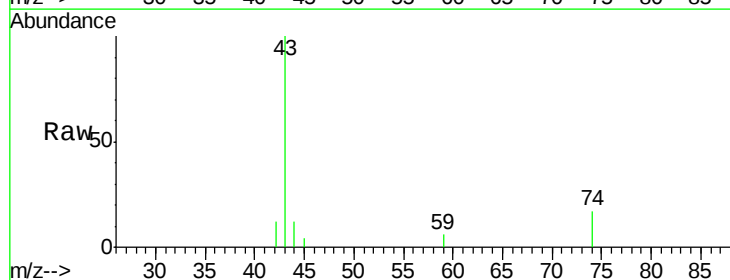
Acq: 11 Dec 2018 08:54

Tgt Ion: 43 Resp: 5642

Ion Ratio Lower Upper

43 100

74 17.5 16.4 24.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

2.62

3000

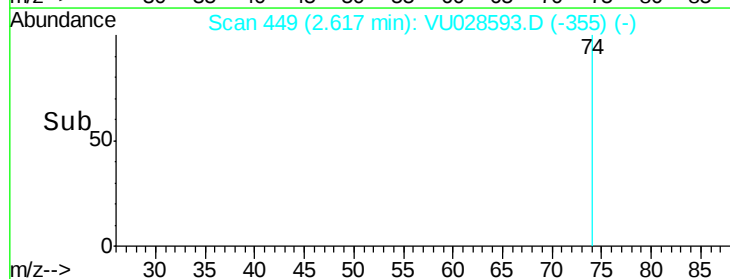
2000

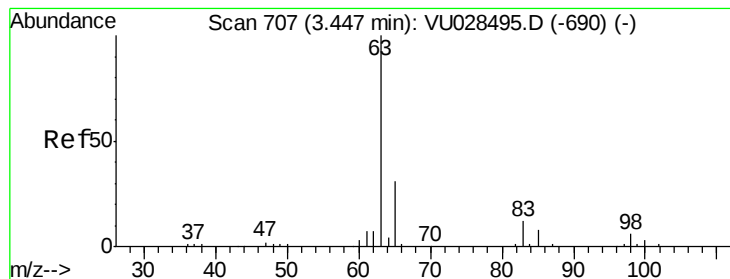
1000

0

2.55 2.60 2.65 2.70

Time-->





#24

1,1-Dichloroethane

Concen: 0.344 ug/l

RT: 3.45 min Scan# 709

Delta R.T. 0.01 min

Lab File: VU028593.D

Acq: 11 Dec 2018 08:54

Instrument :

MSVOA_U

ClientSampleId :

P001-SW004-01

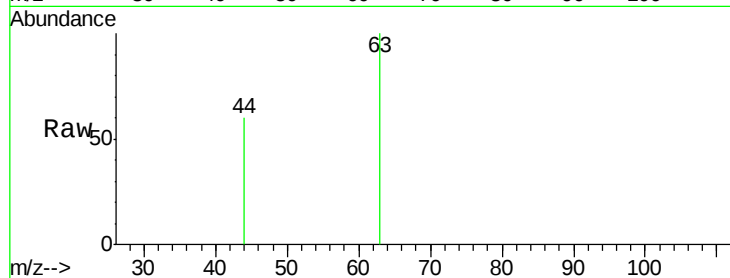
Tot Ion: 63 Resp: 782

Ion Ratio Lower Upper

63 100

98 0.0 3.0 9.2#

100 0.0 1.7 5.1#

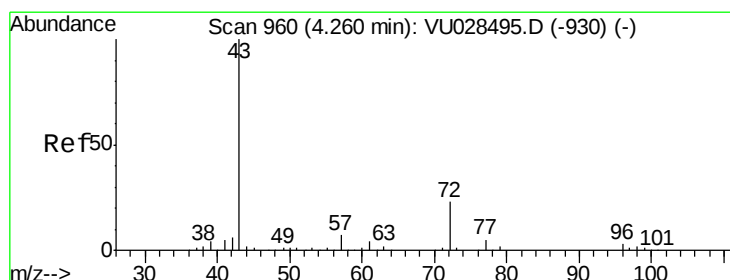
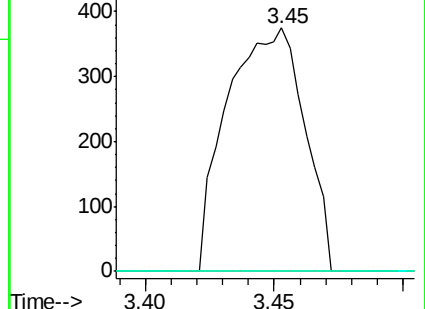
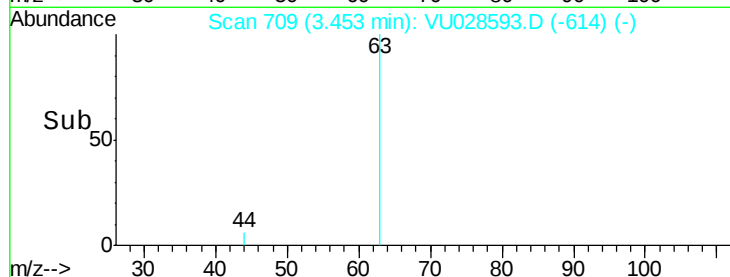


Abundance Ion 62.90 (62.60 to 63.60): VU028495.D (-690) (-)

Ion 97.90 (97.60 to 98.60): VU028495.D (-690) (-)

Ion 99.90 (99.60 to 100.60): VU028495.D (-690) (-)

Time-->



#25

2-Butanone

Concen: 21.182 ug/l

RT: 4.27 min Scan# 962

Delta R.T. 0.01 min

Lab File: VU028593.D

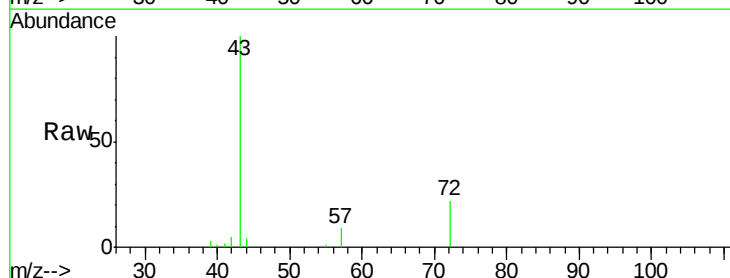
Acq: 11 Dec 2018 08:54

Tgt Ion: 43 Resp: 24439

Ion Ratio Lower Upper

43 100

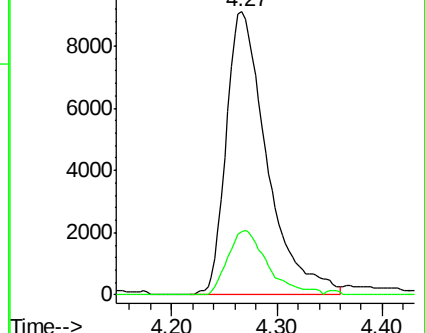
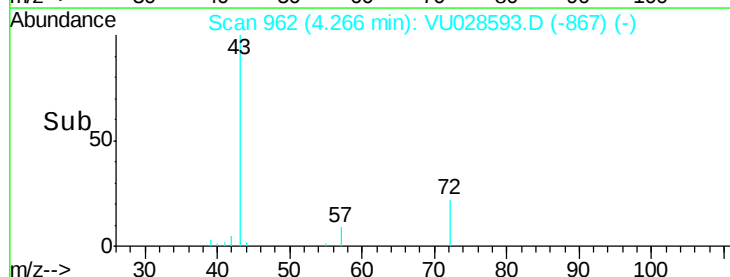
72 22.4 18.6 28.0

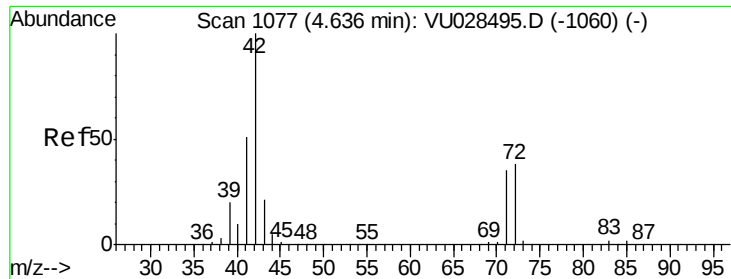


Abundance Ion 43.00 (42.70 to 43.70): VU028495.D (-930) (-)

Ion 72.00 (71.70 to 72.70): VU028495.D (-930) (-)

Time-->

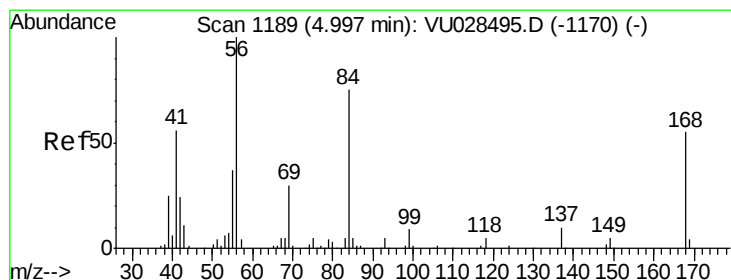
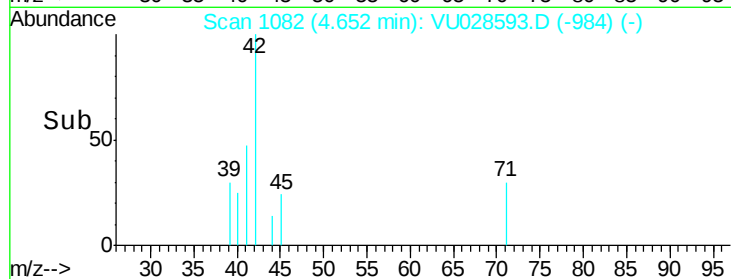
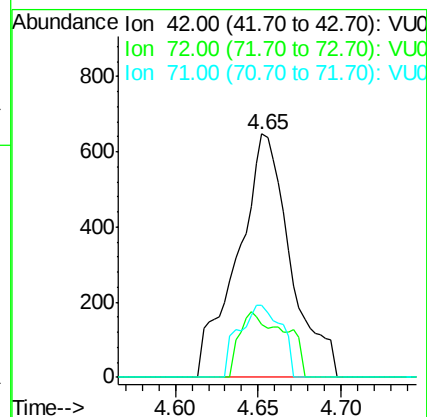
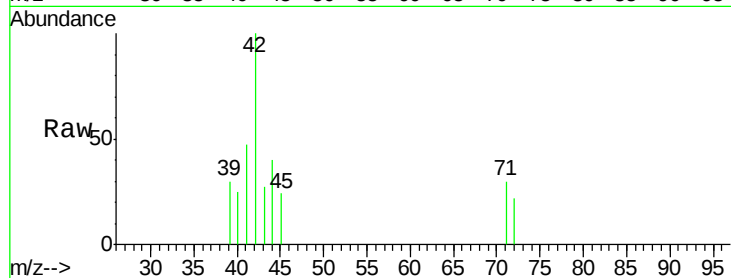




#29
Tetrahydrofuran
Concen: 1.938 ug/l
RT: 4.65 min Scan# 1082
Delta R.T. 0.02 min
Lab File: VU028593.D
Acq: 11 Dec 2018 08:54

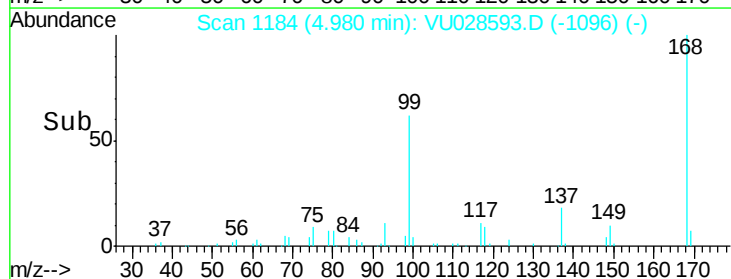
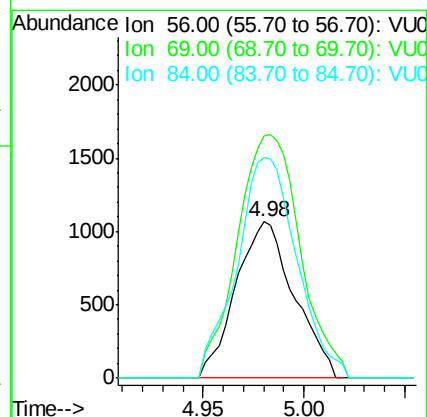
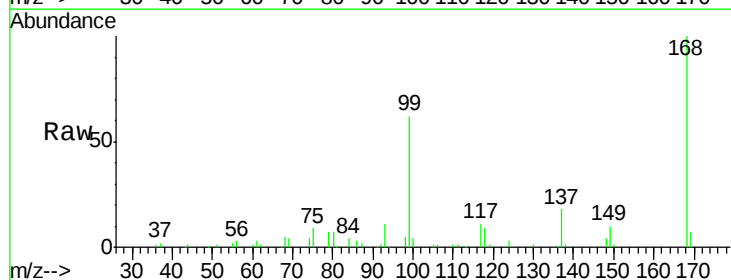
Instrument :
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P001-SW004-01

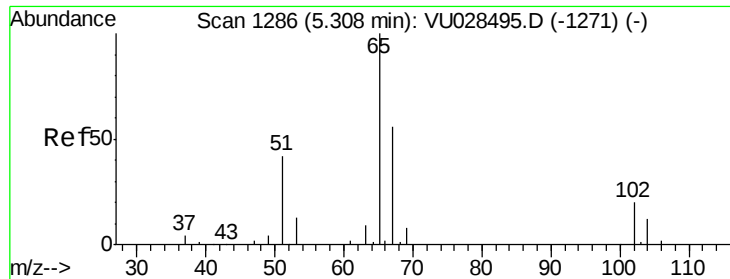
Tot Ion: 42 Resp: 1436
Ion Ratio Lower Upper
42 100
72 23.4 31.4 47.0#
71 23.7 28.6 43.0#



#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1184
Delta R.T. -0.02 min
Lab File: VU028593.D
Acq: 11 Dec 2018 08:54

Tgt Ion: 56 Resp: 2156
Ion Ratio Lower Upper
56 100
69 154.8 24.0 36.0#
84 141.1 59.7 89.5#

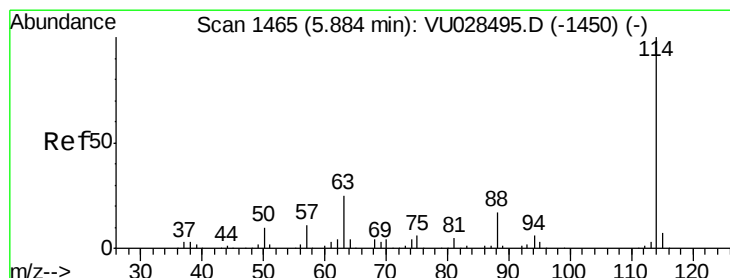
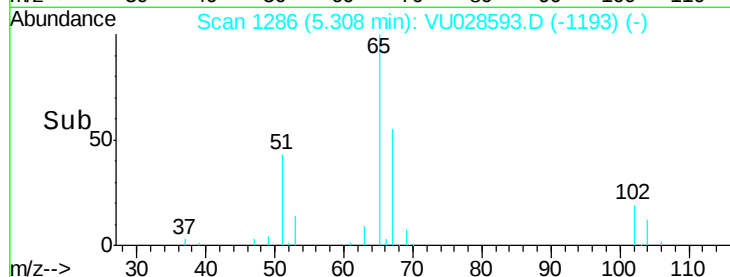
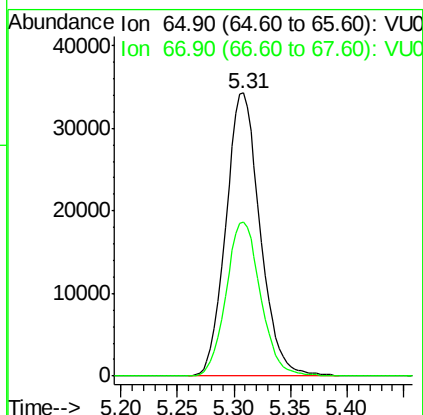
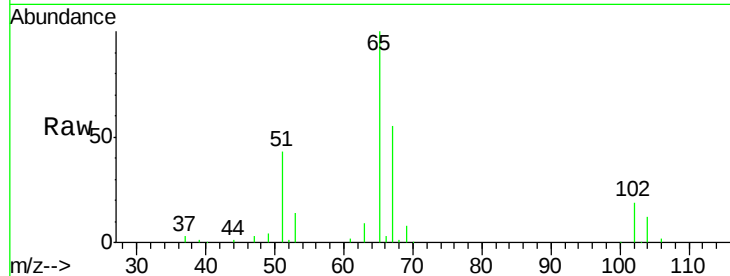




#33
 1,2-Dichloroethane-d4
 Concen: 55.809 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU028593.D
 Acq: 11 Dec 2018 08:54

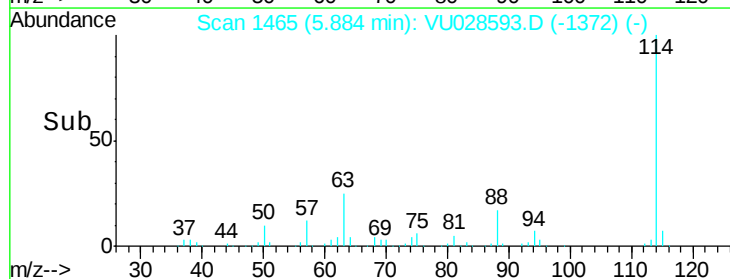
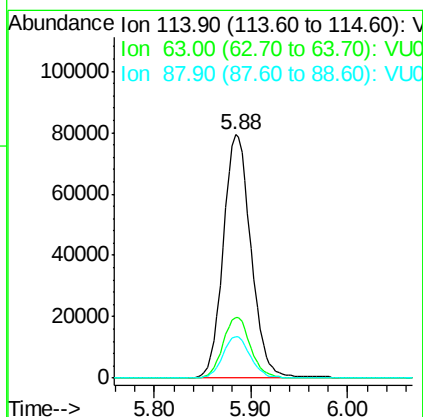
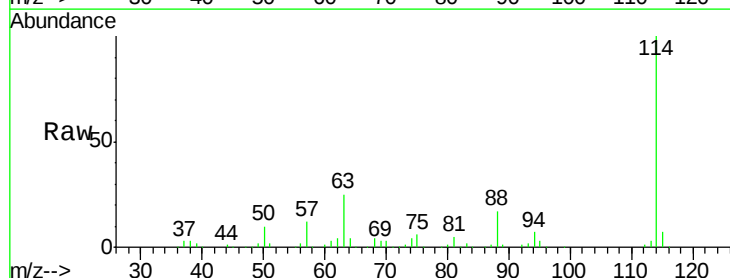
Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SW004-01

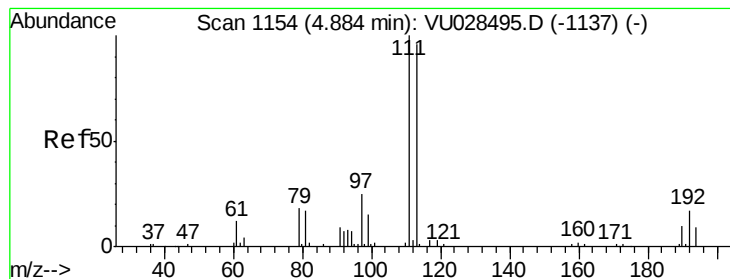
Tot Ion: 65 Resp: 72206
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028593.D
 Acq: 11 Dec 2018 08:54

Tgt Ion: 114 Resp: 158512
 Ion Ratio Lower Upper
 114 100
 63 25.1 0.0 49.2
 88 17.2 0.0 33.4





#35

Dibromofluoromethane

Concen: 53.009 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. -0.00 min

Lab File: VU028593.D

Acq: 11 Dec 2018 08:54

Instrument :

MSVOA_U

ClientSampleId :

P001-SW004-01

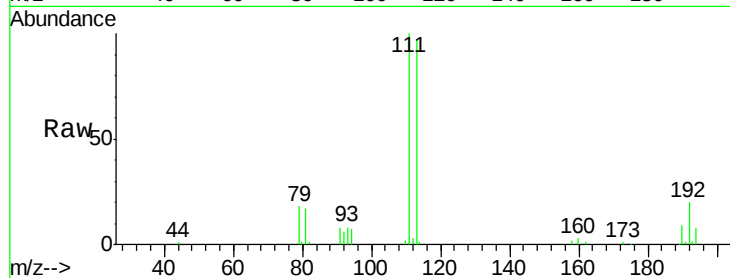
Tot Ion:113 Resp: 52878

Ion Ratio Lower Upper

113 100

111 103.3 83.4 125.0

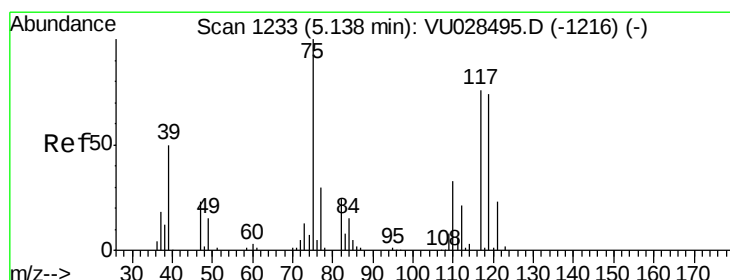
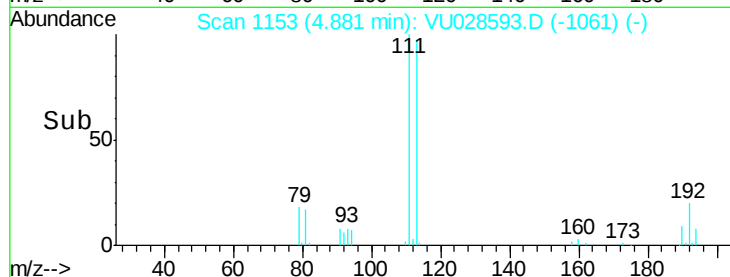
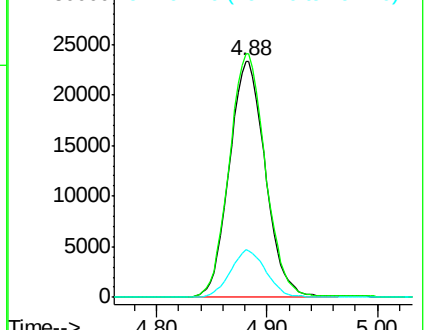
192 19.7 14.8 22.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.416 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU028593.D

Acq: 11 Dec 2018 08:54

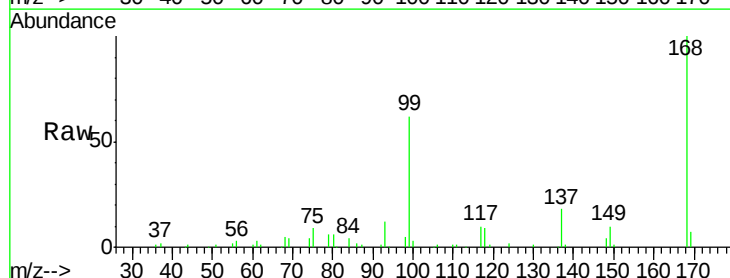
Tgt Ion: 75 Resp: 7660

Ion Ratio Lower Upper

75 100

110 5.8 16.1 48.2#

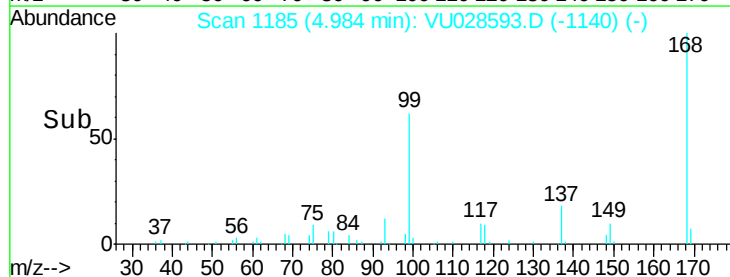
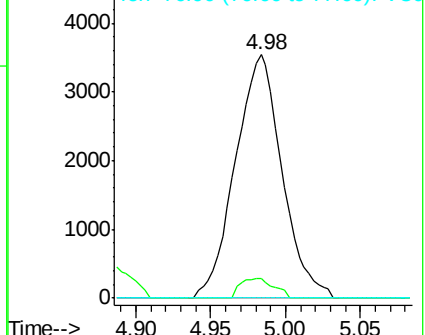
77 0.0 24.5 36.7#

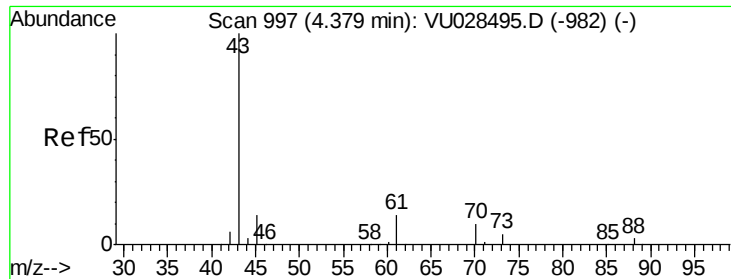


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

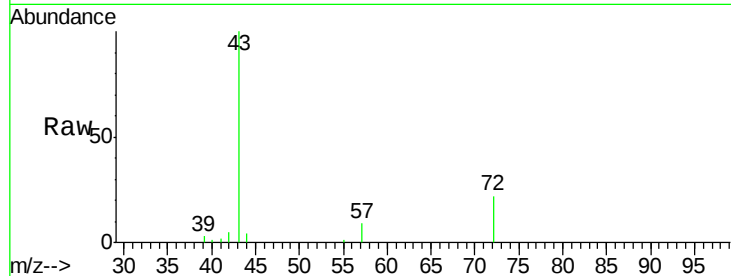




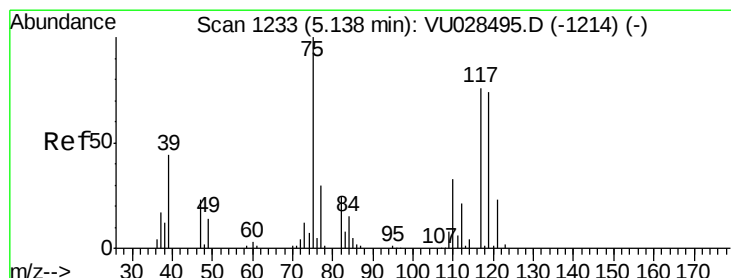
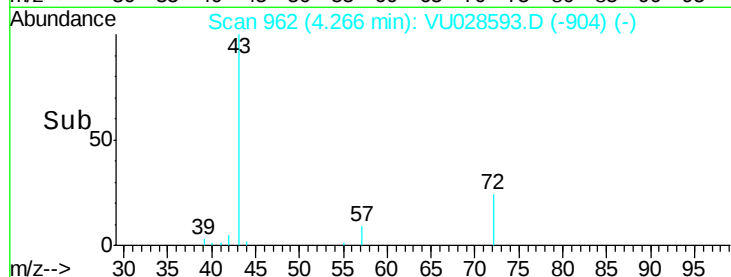
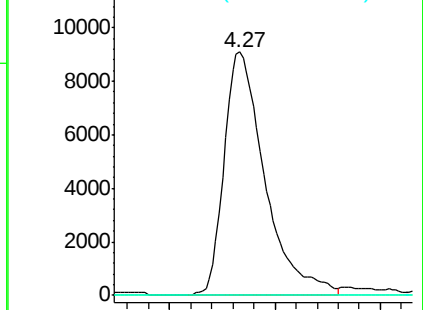
#37
Ethyl Acetate
Concen: 10.899 ug/l
RT: 4.27 min Scan# 962
Delta R.T. -0.11 min
Lab File: VU028593.D
Acq: 11 Dec 2018 08:54

Instrument :
MSVOA_U
ClientSampleId :
P001-SW004-01

Tot Ion: 43 Resp: 24439
Ion Ratio Lower Upper
43 100
61 0.0 11.0 16.4#
70 0.0 7.4 11.0#

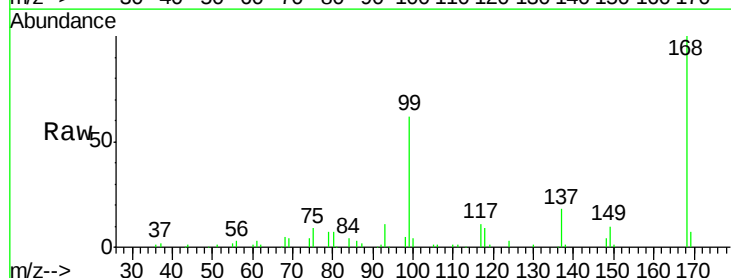


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 70.00 (69.70 to 70.70): VU0

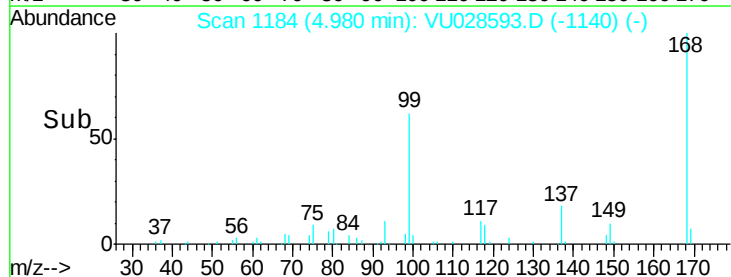
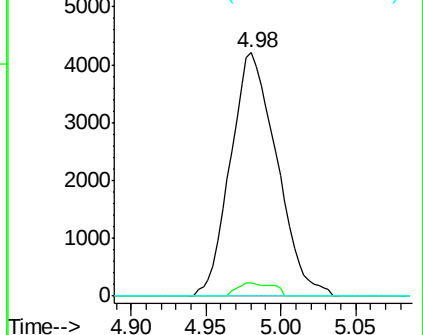


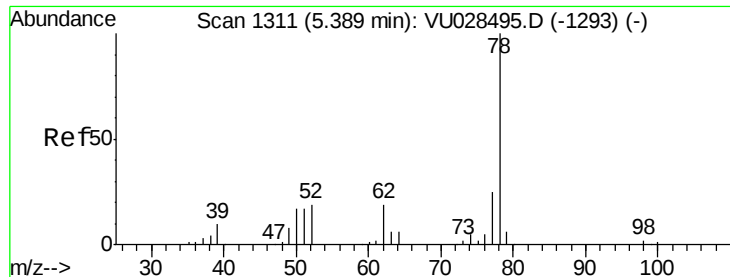
#38
Carbon Tetrachloride
Concen: 6.489 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. -0.16 min
Lab File: VU028593.D
Acq: 11 Dec 2018 08:54

Tgt Ion: 117 Resp: 9072
Ion Ratio Lower Upper
117 100
119 5.4 77.6 116.4#
121 0.0 24.6 36.8#



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





#40

Benzene

Concen: 1.692 ug/l

RT: 5.39 min Scan# 1311

Delta R.T. -0.00 min

Lab File: VU028593.D

Acq: 11 Dec 2018 08:54

Instrument :

MSVOA_U

ClientSampleId :

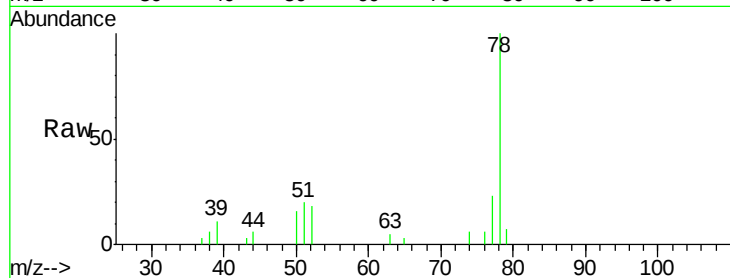
P001-SW004-01

Tot Ion: 78 Resp: 8646

Ion Ratio Lower Upper

78 100

77 23.2 19.9 29.9



Abundance Ion 78.00 (77.70 to 78.70): VU028495.D (-1293) (-)

Ion 77.00 (76.70 to 77.70): VU028495.D (-1293) (-)

5.39

4000

3000

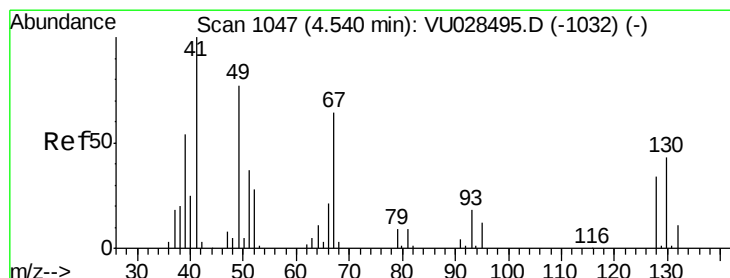
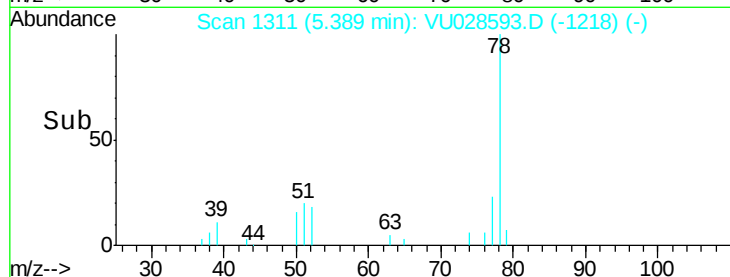
2000

1000

0

5.35 5.40 5.45

Time-->



#41

Methacrylonitrile

Concen: 0.279 ug/l

RT: 4.59 min Scan# 1064

Delta R.T. 0.05 min

Lab File: VU028593.D

Acq: 11 Dec 2018 08:54

Tgt Ion: 41 Resp: 343

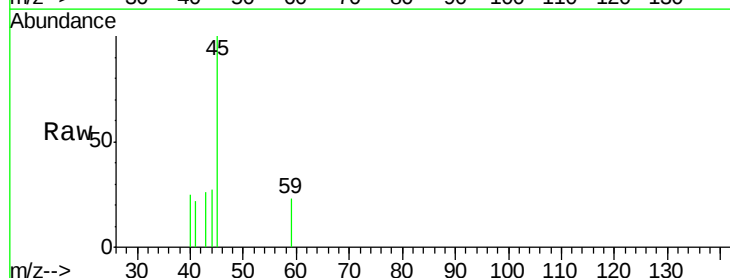
Ion Ratio Lower Upper

41 100

39 0.0 43.3 64.9#

67 0.0 53.6 80.4#

52 0.0 22.1 33.1#



Abundance Ion 41.00 (40.70 to 41.70): VU028495.D (-1032) (-)

Ion 39.00 (38.70 to 39.70): VU028495.D (-1032) (-)

Ion 67.00 (66.70 to 67.70): VU028495.D (-1032) (-)

Ion 52.00 (51.70 to 52.70): VU028495.D (-1032) (-)

400

300

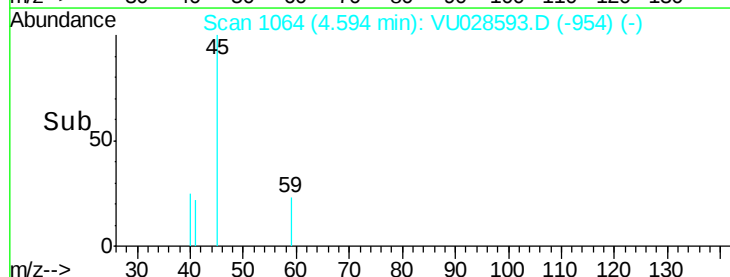
200

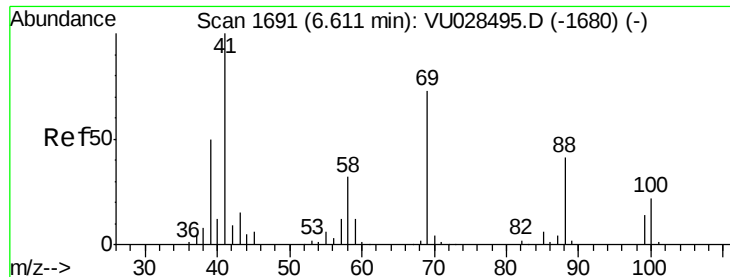
100

0

4.54 4.56 4.58 4.60 4.62

Time-->





#49

1,4-Dioxane

Concen: 14.543 ug/l

RT: 6.62 min Scan# 1695

Delta R.T. 0.01 min

Lab File: VU028593.D

Acq: 11 Dec 2018 08:54

Instrument :

MSVOA_U

ClientSampleId :

P001-SW004-01

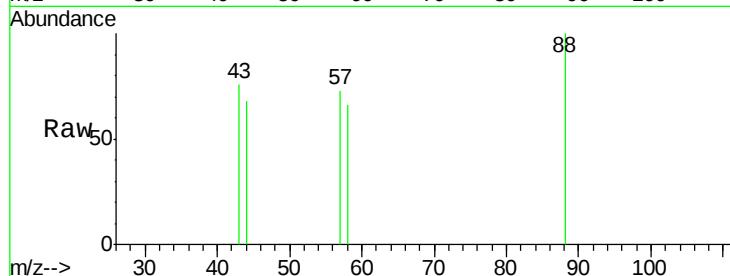
Tot Ion: 88 Resp: 405

Ion Ratio Lower Upper

88 100

43 0.0 30.9 46.3#

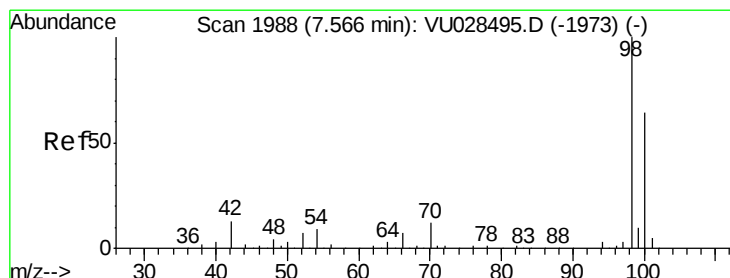
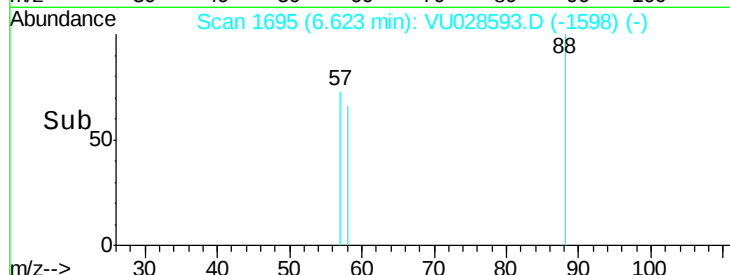
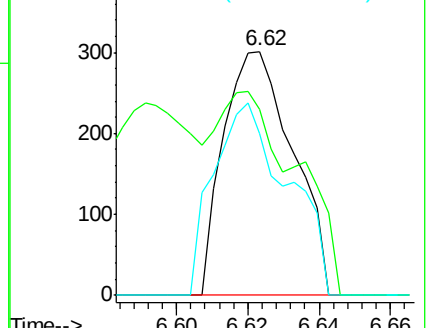
58 84.4 62.4 93.6



Abundance Ion 88.00 (87.70 to 88.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#50

Toluene-d8

Concen: 51.695 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VU028593.D

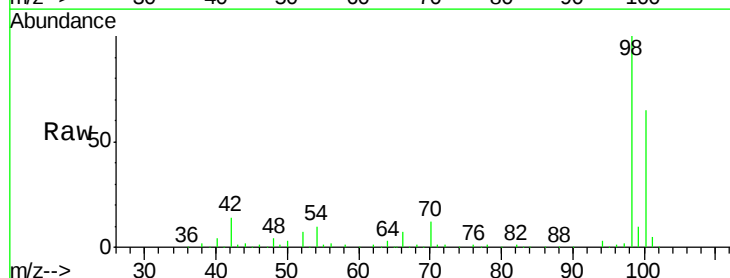
Acq: 11 Dec 2018 08:54

Tgt Ion: 98 Resp: 203990

Ion Ratio Lower Upper

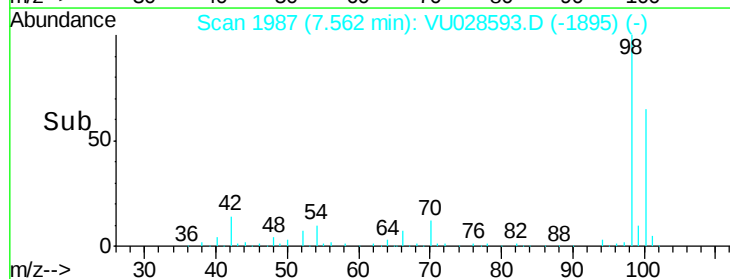
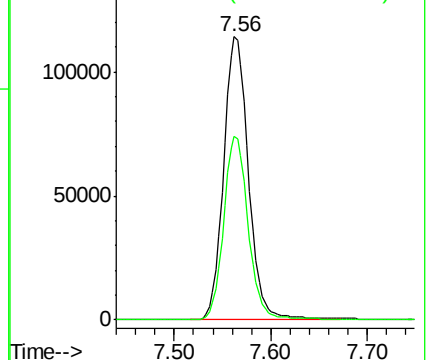
98 100

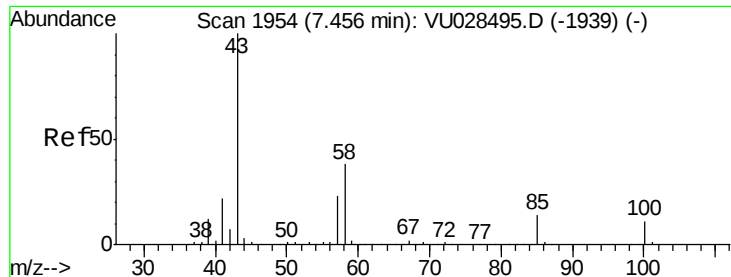
100 64.0 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#51

4-Methyl-2-Pentanone

Concen: 2.300 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. 0.01 min

Lab File: VU028593.D

Acq: 11 Dec 2018 08:54

Instrument :

MSVOA_U

ClientSampleId :

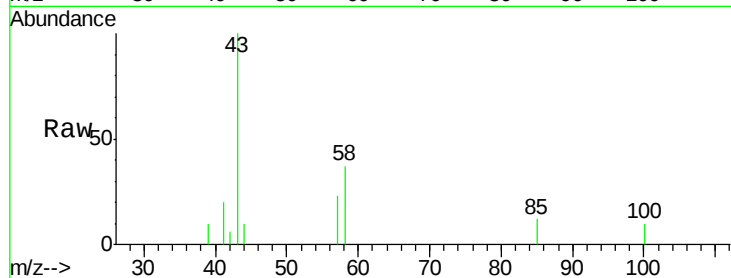
P001-SW004-01

Tot Ion: 43 Resp: 5144

Ion Ratio Lower Upper

43 100

58 33.0 30.2 45.2

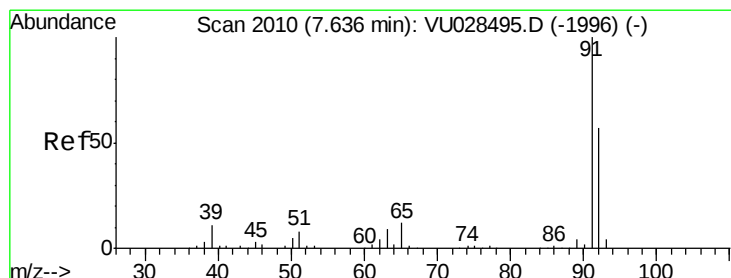
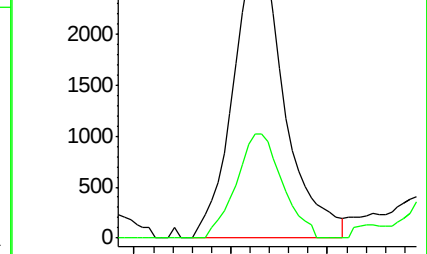
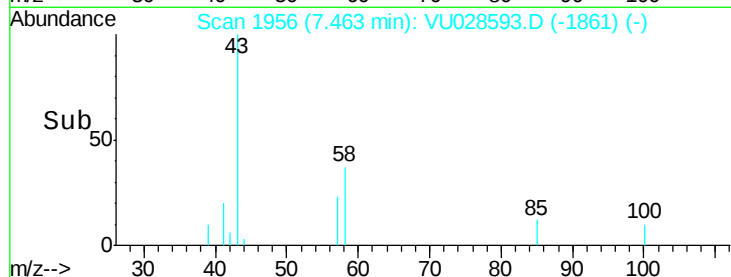


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

7.46

Time-->



#52

Toluene

Concen: 1.141 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU028593.D

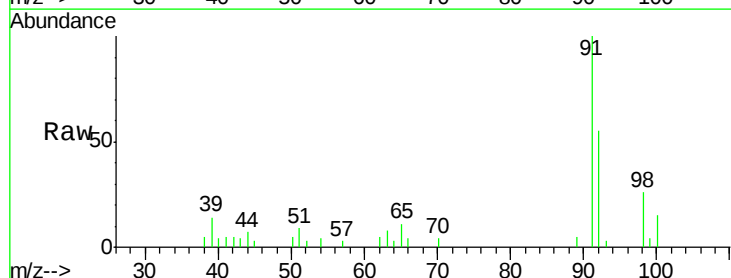
Acq: 11 Dec 2018 08:54

Tgt Ion: 92 Resp: 3431

Ion Ratio Lower Upper

92 100

91 196.6 140.2 210.4

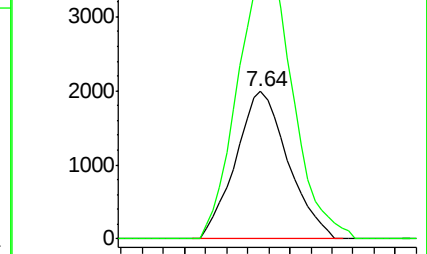
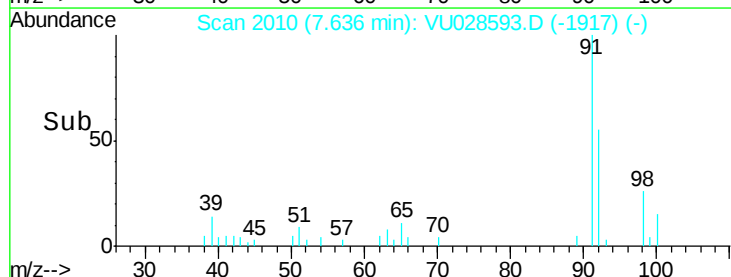


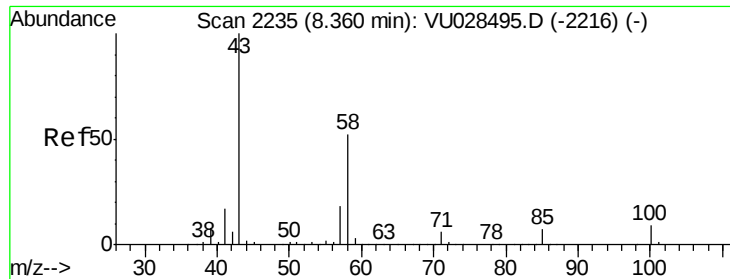
Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

7.64

Time-->

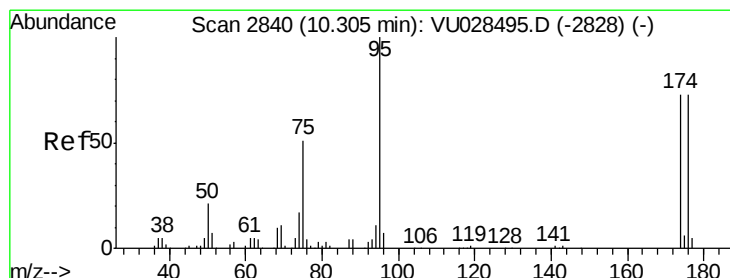
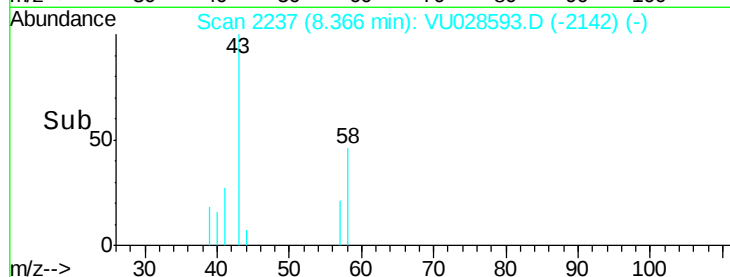
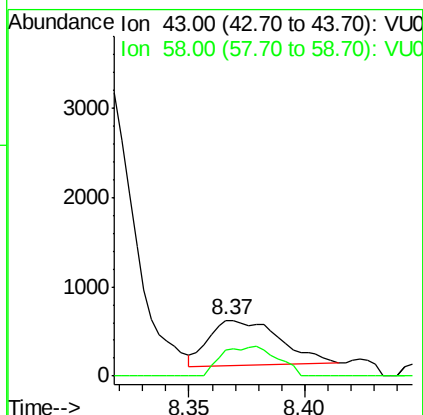
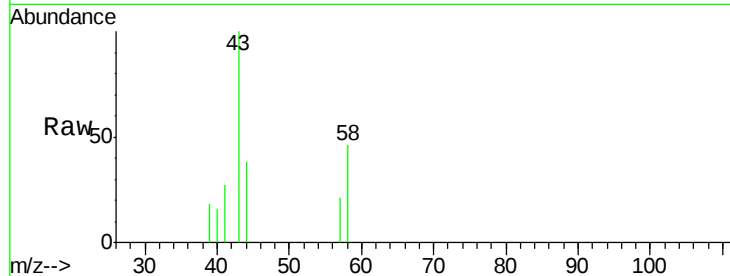




#59
2-Hexanone
Concen: 0.601 ug/l
RT: 8.37 min Scan# 2237
Delta R.T. 0.01 min
Lab File: VU028593.D
Acq: 11 Dec 2018 08:54

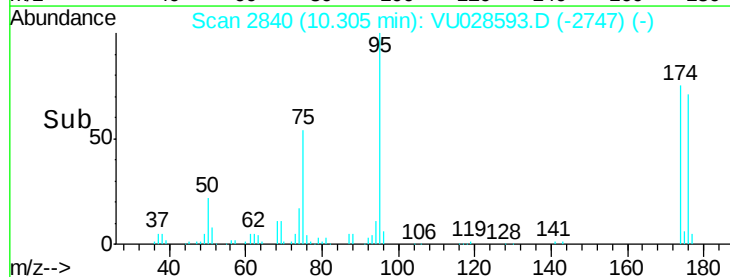
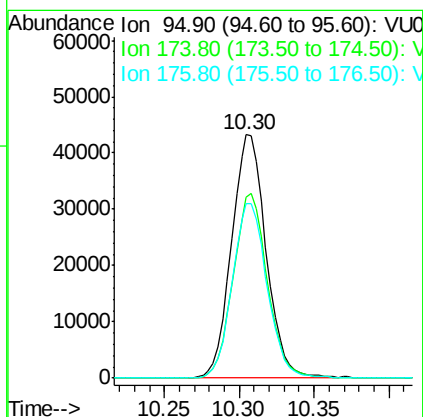
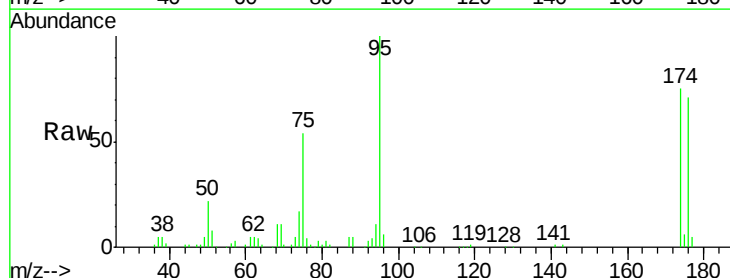
Instrument :
MSVOA_U
ClientSampleId :
P001-SW004-01

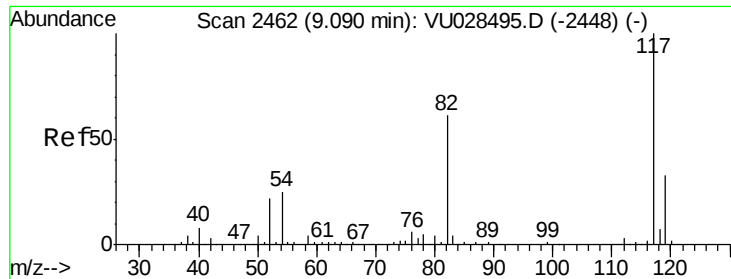
Tot Ion: 43 Resp: 1065
Ion Ratio Lower Upper
43 100
58 52.0 25.9 77.6



#62
4-Bromofluorobenzene
Concen: 47.110 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU028593.D
Acq: 11 Dec 2018 08:54

Tgt Ion: 95 Resp: 69482
Ion Ratio Lower Upper
95 100
174 75.1 0.0 150.4
176 72.3 0.0 145.2

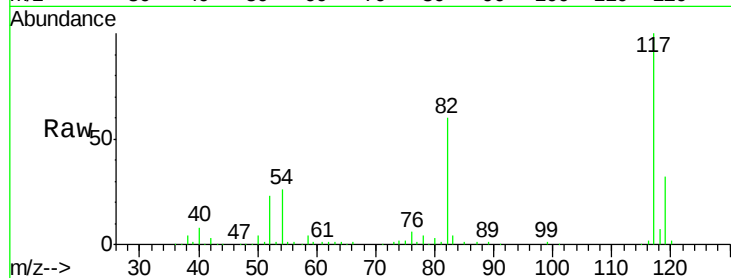




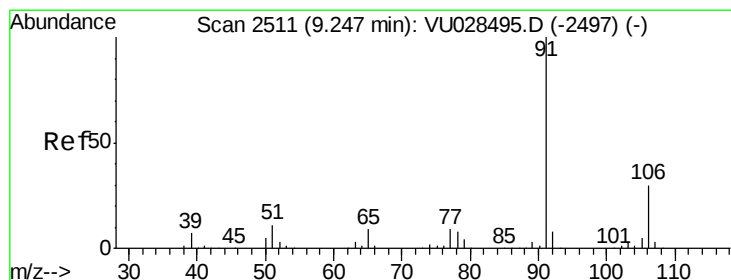
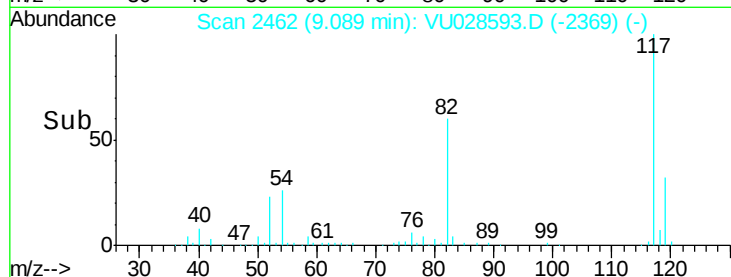
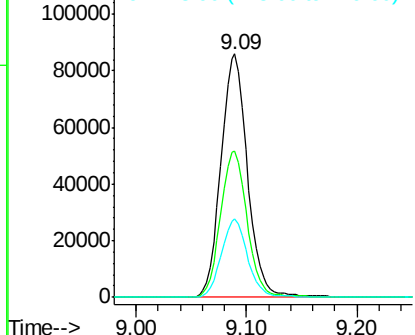
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028593.D
Acq: 11 Dec 2018 08:54

Instrument :
MSVOA_U
ClientSampleId :
P001-SW004-01

Tot Ion:117 Resp: 143428
Ion Ratio Lower Upper
117 100
82 60.2 48.9 73.3
119 32.1 26.2 39.4

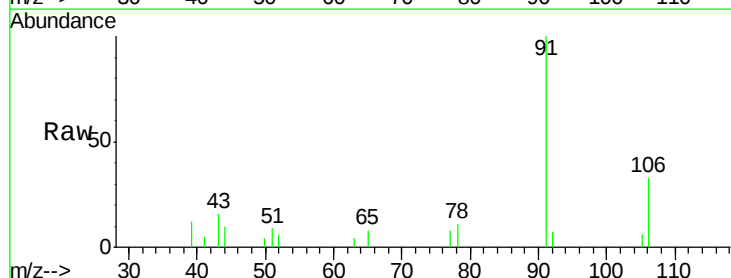


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

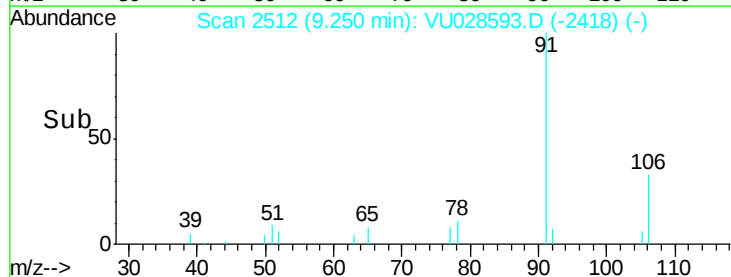
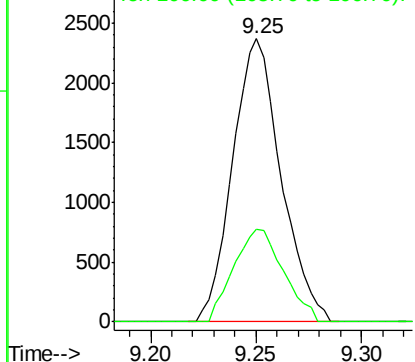


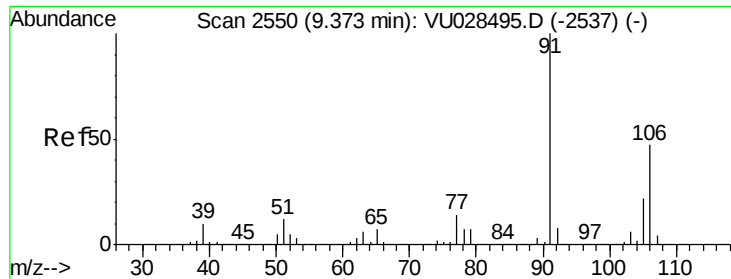
#67
Ethyl Benzene
Concen: 0.673 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU028593.D
Acq: 11 Dec 2018 08:54

Tgt Ion: 91 Resp: 3780
Ion Ratio Lower Upper
91 100
106 32.6 24.1 36.1



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

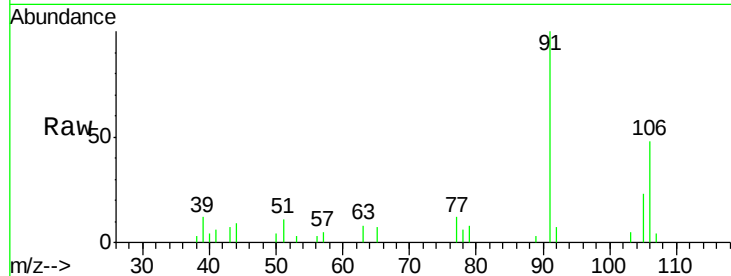




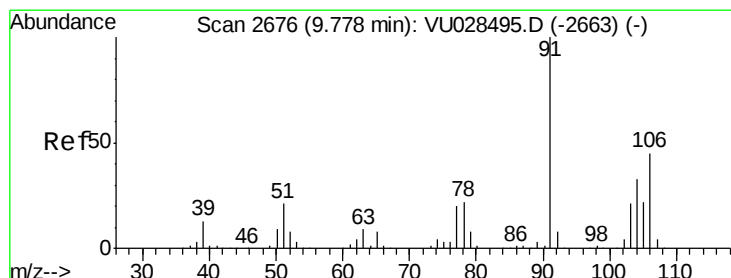
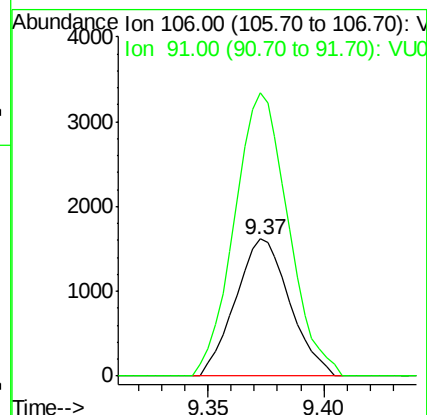
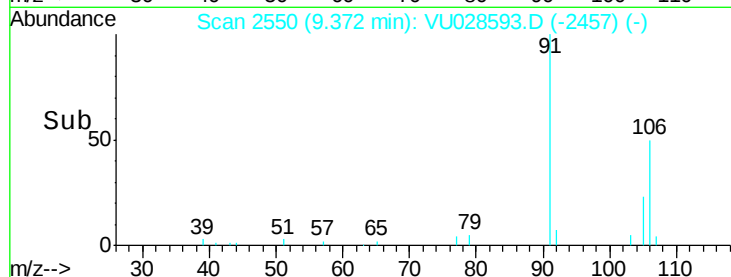
#68
m/p-Xylenes
Concen: 1.287 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU028593.D
Acq: 11 Dec 2018 08:54

Instrument :
MSVOA_U
ClientSampleId :
P001-SW004-01

Tot Ion:106 Resp: 2631
Ion Ratio Lower Upper
106 100
91 204.2 167.4 251.0

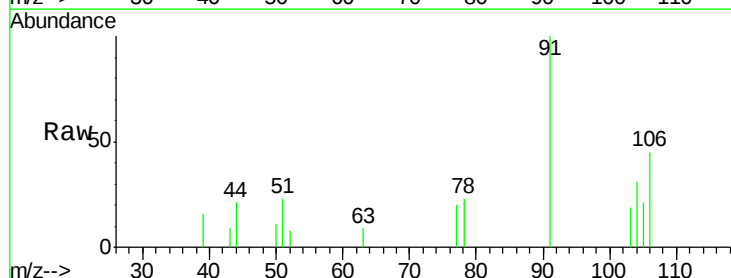


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

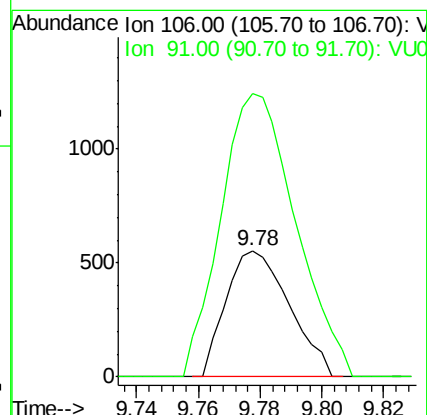
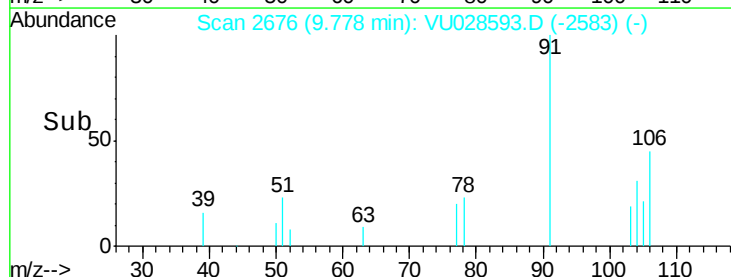


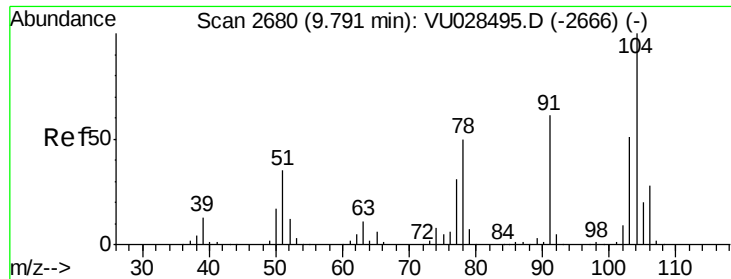
#69
o-Xylene
Concen: 0.397 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU028593.D
Acq: 11 Dec 2018 08:54

Tgt Ion:106 Resp: 788
Ion Ratio Lower Upper
106 100
91 265.2 111.3 334.0



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

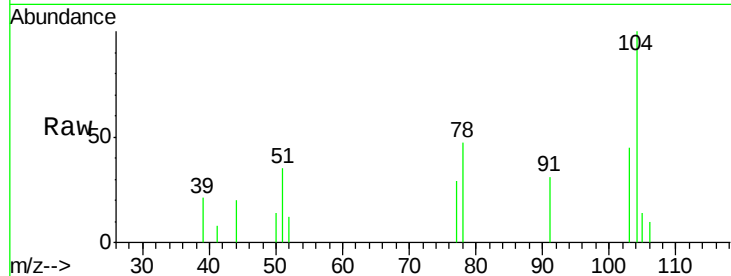




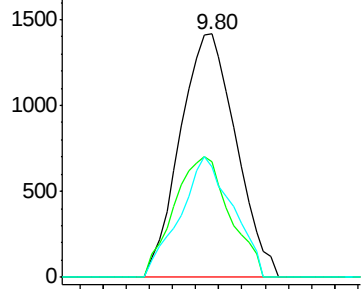
#70
Stvrene
Concen: 0.719 ug/l
RT: 9.80 min Scan# 2682
Delta R.T. 0.01 min
Lab File: VU028593.D
Acq: 11 Dec 2018 08:54

Instrument :
MSVOA_U
ClientSampleId :
P001-SW004-01

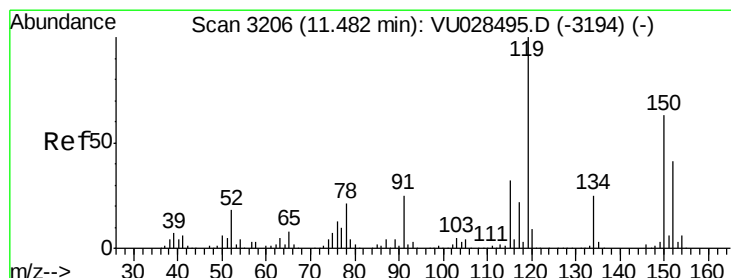
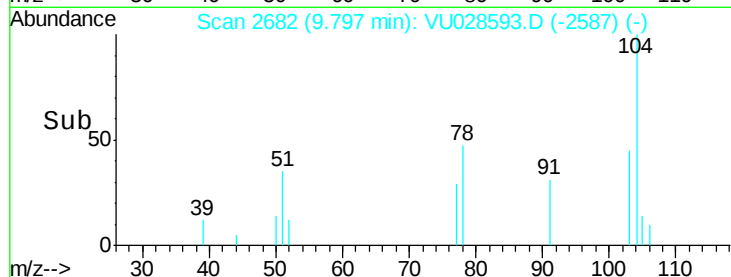
Tot Ion:104 Resp: 2363
Ion Ratio Lower Upper
104 100
78 49.4 43.0 64.6
103 46.6 44.2 66.4



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

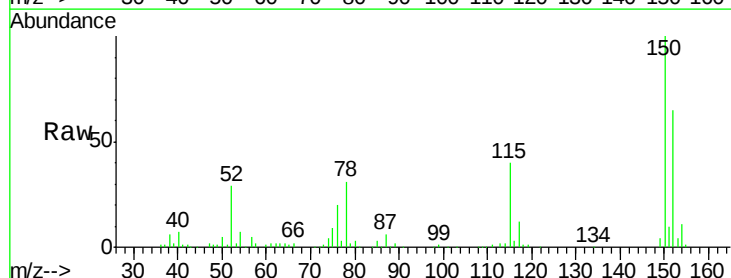


Time-->

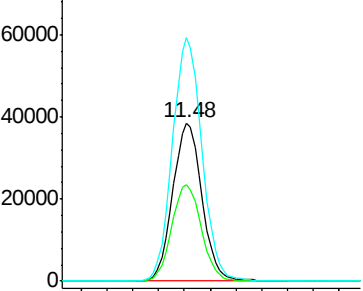


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028593.D
Acq: 11 Dec 2018 08:54

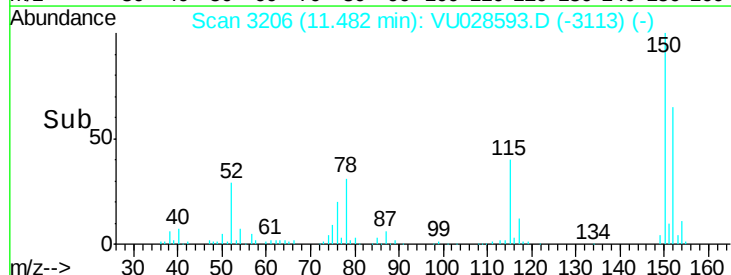
Tgt Ion:152 Resp: 60446
Ion Ratio Lower Upper
152 100
115 61.7 42.7 128.1
150 155.7 0.0 346.0

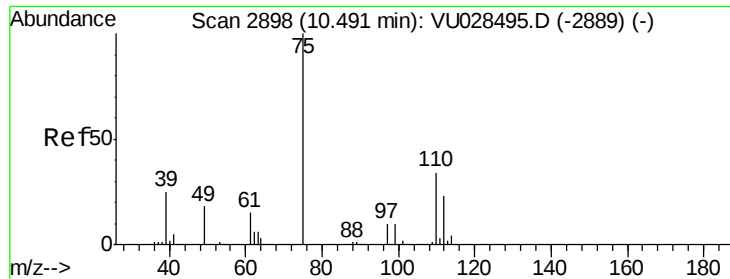


Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



Time-->

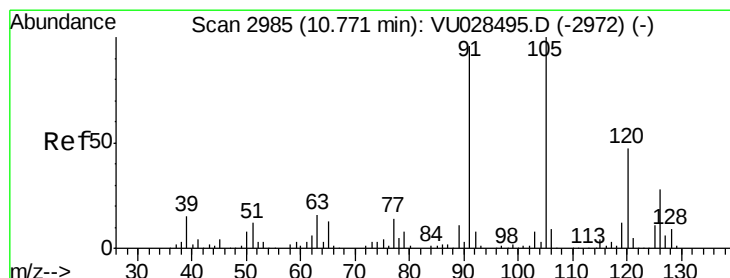
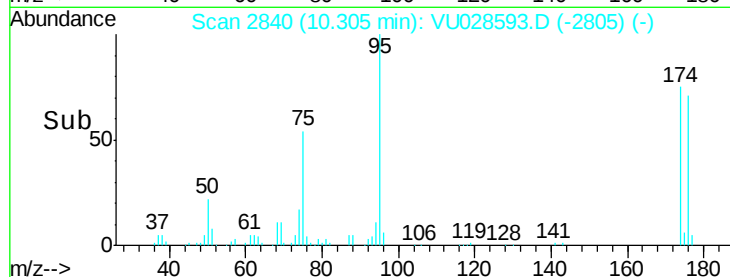
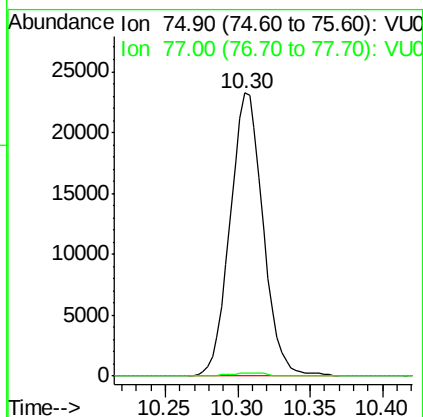
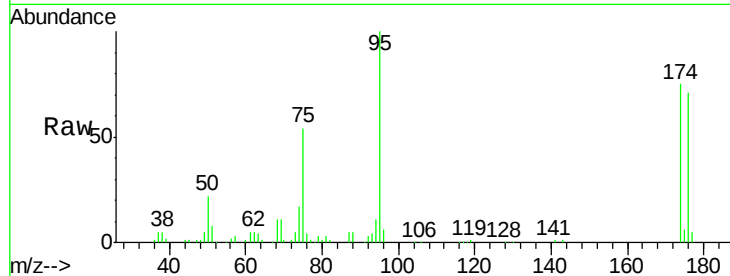




#76
 1,2,3-Trichloropropane
 Concen: 23.810 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. -0.19 min
 Lab File: VU028593.D
 Acq: 11 Dec 2018 08:54

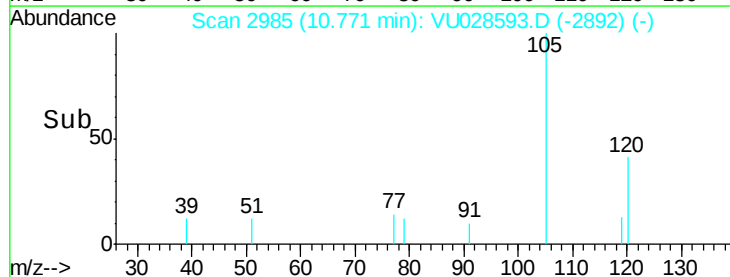
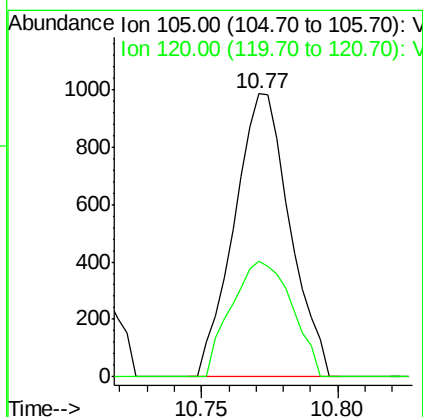
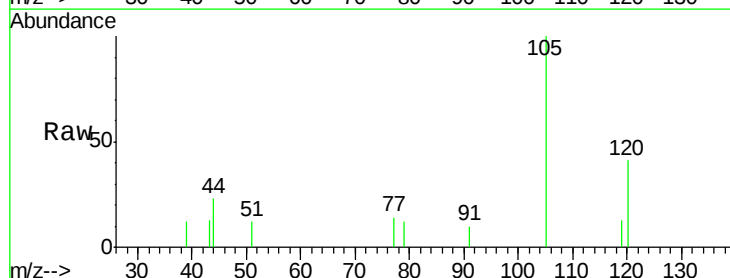
Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SW004-01

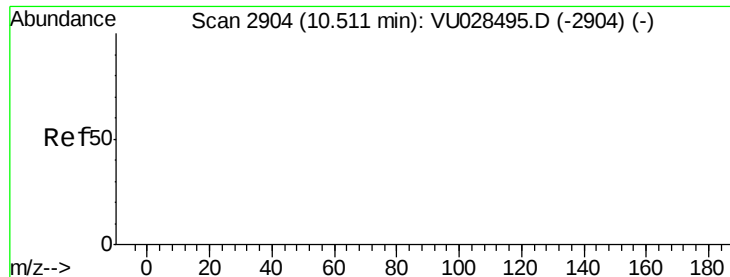
Tot Ion: 75 Resp: 36751
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.8 62.4#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.363 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. -0.00 min
 Lab File: VU028593.D
 Acq: 11 Dec 2018 08:54

Tgt Ion: 105 Resp: 1394
 Ion Ratio Lower Upper
 105 100
 120 44.5 23.7 71.1





#81

trans-1,4-Dichloro-2-butene

Concen: 58.452 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.21 min

Lab File: VU028593.D

Acq: 11 Dec 2018 08:54

Instrument :

MSVOA_U

ClientSampleId :

P001-SW004-01

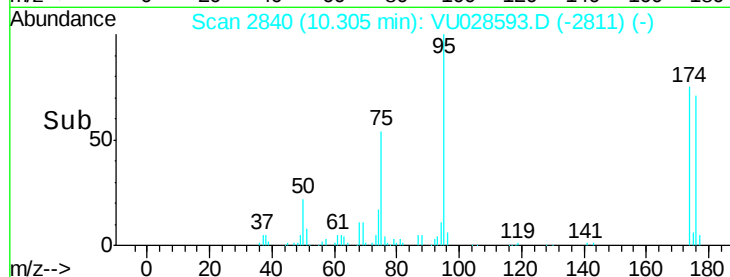
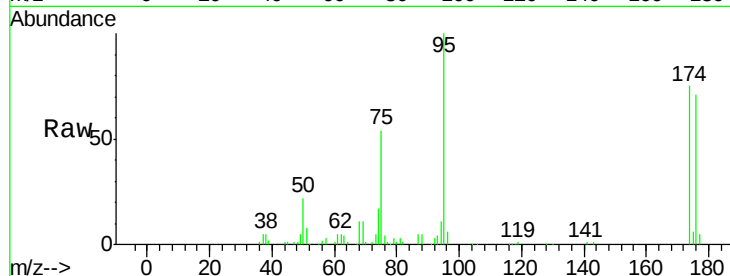
Tot Ion: 75 Resp: 36751

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0

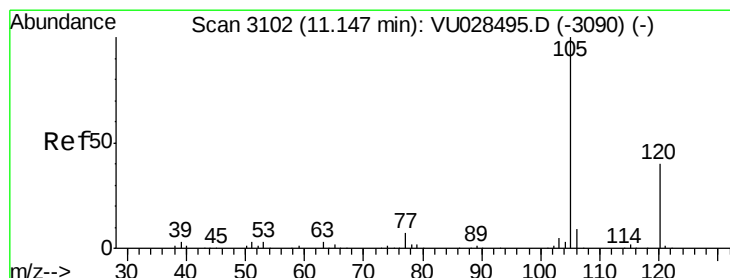
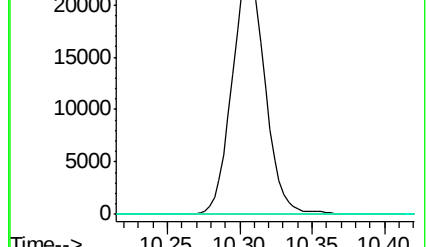


Abundance Ion 74.90 (74.60 to 75.60): VU028593.D (-2811) (-)

Ion 53.00 (52.70 to 53.70): VU028593.D (-2811) (-)

Ion 88.90 (88.60 to 89.60): VU028593.D (-2811) (-)

Time-->



#84

1,2,4-Trimethylbenzene

Concen: 0.797 ug/l

RT: 11.15 min Scan# 3102

Delta R.T. -0.00 min

Lab File: VU028593.D

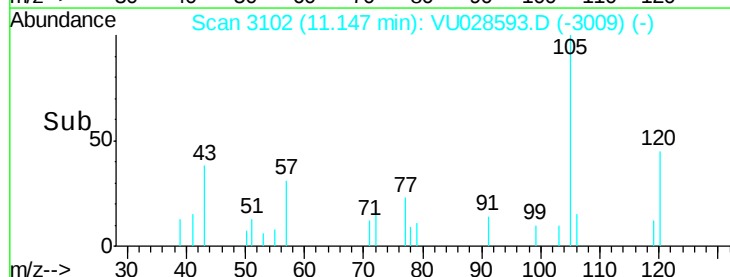
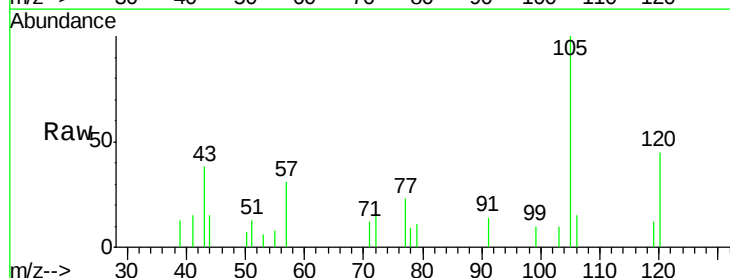
Acq: 11 Dec 2018 08:54

Tgt Ion: 105 Resp: 3154

Ion Ratio Lower Upper

105 100

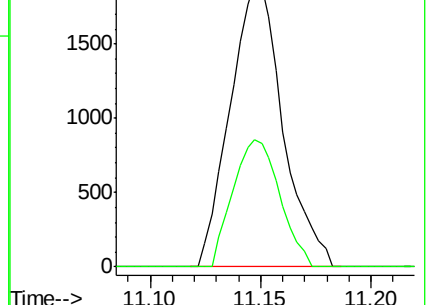
120 39.9 21.8 65.4

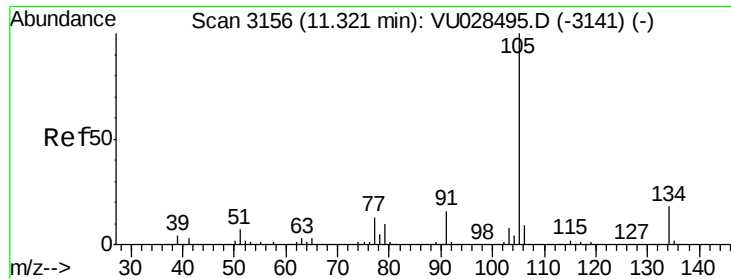


Abundance Ion 105.00 (104.70 to 105.70): VU028593.D (-3009) (-)

Ion 120.00 (119.70 to 120.70): VU028593.D (-3009) (-)

Time-->





#85

sec-Butylbenzene

Concen: 0.663 ug/l

RT: 11.15 min Scan# 3102

Delta R.T. -0.17 min

Lab File: VU028593.D

Acq: 11 Dec 2018 08:54

Instrument :

MSVOA_U

ClientSampleId :

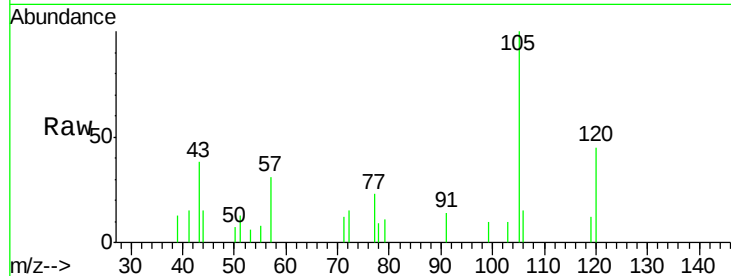
P001-SW004-01

Tot Ion:105 Resp: 3154

Ion Ratio Lower Upper

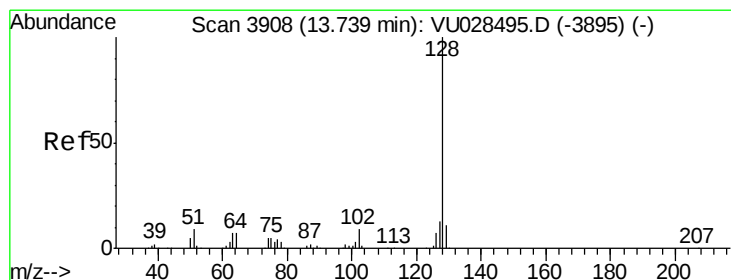
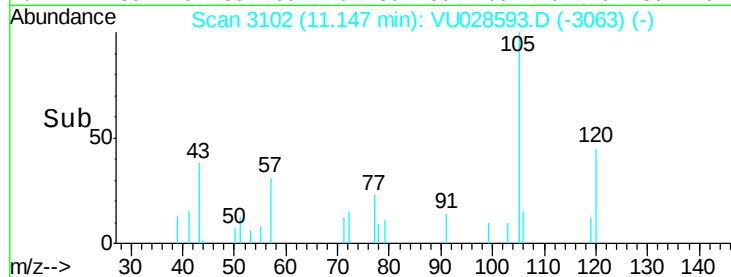
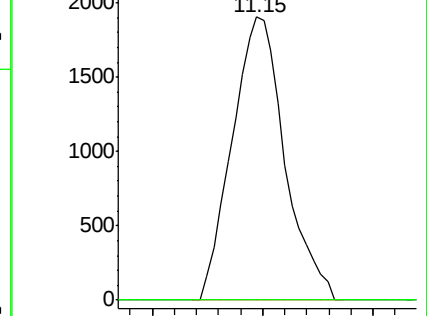
105 100

134 0.0 9.2 27.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#95

Naphthalene

Concen: 1.274 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU028593.D

Acq: 11 Dec 2018 08:54

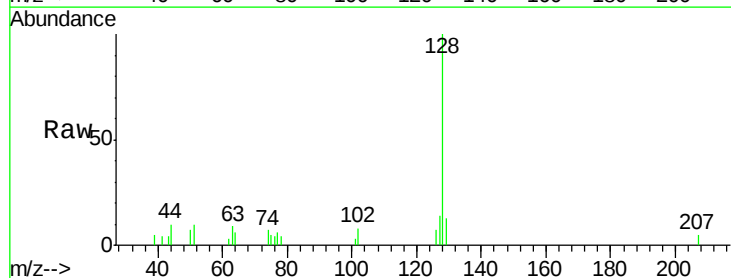
Tgt Ion:128 Resp: 6265

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 11.1 8.6 13.0



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

