

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071018\
 Data File : VU025300.D
 Acq On : 10 Jul 2018 19:44
 Operator : MD/SY
 Sample : J3898-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SS038MW013-180705

Quant Time: Jul 11 02:05:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U070918W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 10 09:34:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	207196	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	308680	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	291067	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	154886	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	154910	48.12	ug/l	0.00
Spiked Amount			Recovery	=	96.24%	
35) Dibromofluoromethane	4.89	113	121744	46.75	ug/l	0.00
Spiked Amount			Recovery	=	93.50%	
50) Toluene-d8	7.57	98	445124	49.92	ug/l	0.00
Spiked Amount			Recovery	=	99.84%	
62) 4-Bromofluorobenzene	10.31	95	167088	46.54	ug/l	0.00
Spiked Amount			Recovery	=	93.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	840	0.95	ug/l	98
4) Vinyl Chloride	1.40	62	91063	38.65	ug/l	99
5) Bromomethane	1.64	94	501	Below Cal		91
10) Methyl Iodide	2.42	142	220	7.78	ug/l #	39
11) Tert butyl alcohol	2.82	59	3301	4.70	ug/l #	73
14) Allyl chloride	2.71	41	20677	5.43	ug/l #	57
15) Acrylonitrile	3.00	53	311	0.22	ug/l #	30
16) Acetone	2.32	43	2365	6.28	ug/l #	84
17) Carbon Disulfide	2.48	76	1644	2.19	ug/l #	74
18) Methyl Acetate	2.71	43	51033	15.48	ug/l #	52
21) trans-1,2-Dichloroethene	2.99	96	637	0.27	ug/l #	70
25) 2-Butanone	4.23	43	2010	0.90	ug/l	90
27) cis-1,2-Dichloroethene	4.23	96	68916	24.82	ug/l	90
31) Cyclohexane	5.00	56	9903	3.14	ug/l #	64
36) 1,1-Dichloropropene	4.99	75	15172	4.42	ug/l #	51
37) Ethyl Acetate	4.23	43	2010	0.53	ug/l #	1
38) Carbon Tetrachloride	4.99	117	20709	5.61	ug/l #	15
39) Methylcyclohexane	6.42	83	6547	1.53	ug/l	97
40) Benzene	5.39	78	56107	5.67	ug/l	95
42) 1,2-Dichloroethane	5.40	62	2716	0.69	ug/l #	77
43) Isopropyl Acetate	5.54	43	27999	4.57	ug/l #	61
48) Methyl methacrylate	6.59	41	4903	1.60	ug/l #	35
51) 4-Methyl-2-Pentanone	7.52	43	1883	0.47	ug/l #	69
55) 1,1,2-Trichloroethane	8.05	97	911	0.35	ug/l #	15
58) 2-Chloroethyl Vinyl ether	7.06	63	79	11.20	ug/l #	47
59) 2-Hexanone	8.38	43	931	0.29	ug/l #	33
65) Chlorobenzene	9.12	112	1217031	167.38	ug/l	99
69) o-Xylene	9.79	106	1279	0.27	ug/l	52
73) Isopropylbenzene	10.17	105	59897	5.06	ug/l	99
74) N-amyl acetate	10.07	43	1210	1.51	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	86560	27.48	ug/l #	37
78) n-propylbenzene	10.59	91	17352	1.32	ug/l	95
79) 2-Chlorotoluene	10.66	91	1621	0.36	ug/l	86
80) 1,3,5-Trimethylbenzene	10.98	105	7928	0.80	ug/l	72

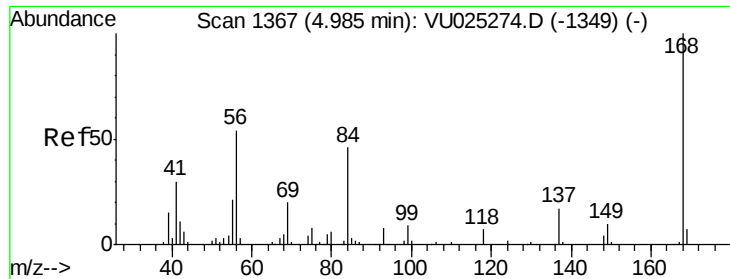
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071018\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	10.31	75	86560	70.15	ug/l #	100
83) tert-Butylbenzene	11.10	119	40807	4.06	ug/l	88
84) 1,2,4-Trimethylbenzene	10.98	105	7928	0.78	ug/l	76
85) sec-Butylbenzene	11.33	105	94653	7.99	ug/l	98
86) p-Isopropyltoluene	11.69	119	189674	18.08	ug/l	96
87) 1,3-Dichlorobenzene	11.42	146	1741	0.31	ug/l	94
88) 1,4-Dichlorobenzene	11.51	146	5257	2.43	ug/l	87
89) n-Butylbenzene	11.87	91	4267	0.49	ug/l #	1
90) Hexachloroethane	12.29	117	72140	40.61	ug/l #	7
91) 1,2-Dichlorobenzene	11.88	146	5888	1.05	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.62	75	256	0.27	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.51	180	67	3.30	ug/l #	1
95) Naphthalene	13.74	128	1376	2.53	ug/l #	57
96) 1,2,3-Trichlorobenzene	14.00	180	20	2.53	ug/l #	83

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025300.D

Acq: 10 Jul 2018 19:44

Instrument :

MSVOA_U

ClientSampleId :

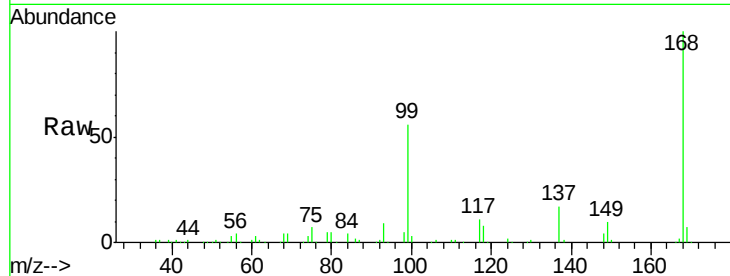
SS038MW013-180705

Tot Ion:168 Resp: 207196

Ion Ratio Lower Upper

168 100

99 56.4 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025274.D (-1349) (-)

Ion 98.90 (98.60 to 99.60): VU025300.D (-1274) (-)

4.99

100000

80000

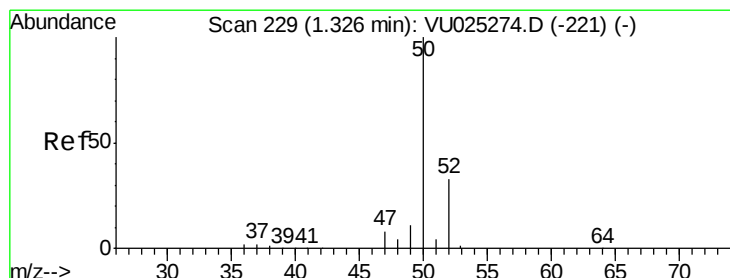
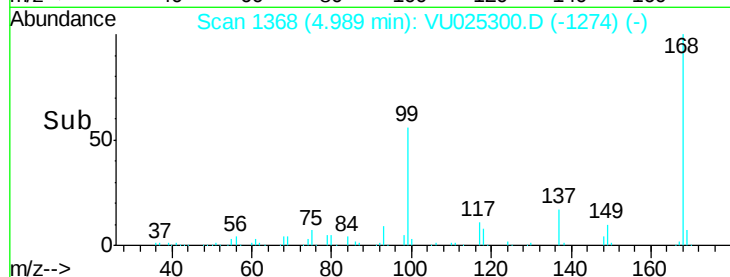
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.95 ug/l

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU025300.D

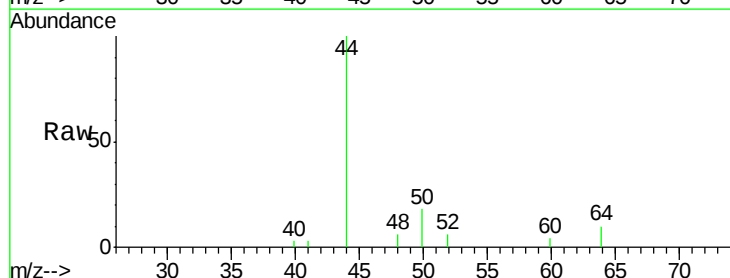
Acq: 10 Jul 2018 19:44

Tgt Ion: 50 Resp: 840

Ion Ratio Lower Upper

50 100

52 32.2 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VU025274.D (-221) (-)

Ion 51.90 (51.60 to 52.60): VU025300.D (-136) (-)

1.33

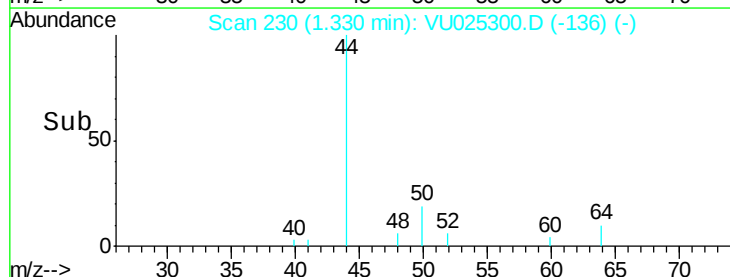
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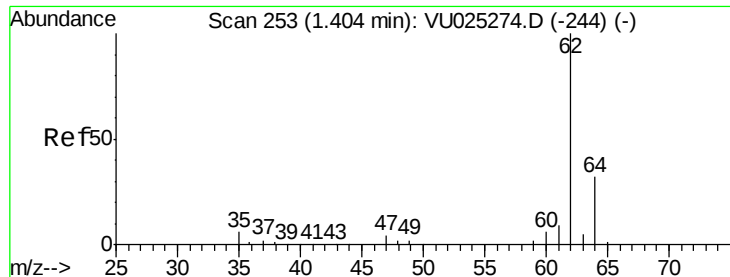
400

200

0

Time-->





#4

Vinyl Chloride

Concen: 38.65 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025300.D

Acq: 10 Jul 2018 19:44

Instrument :

MSVOA_U

ClientSampleId :

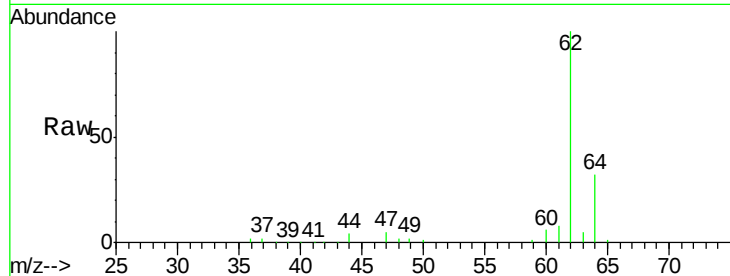
SS038MW013-180705

Tot Ion: 62 Resp: 91063

Ion Ratio Lower Upper

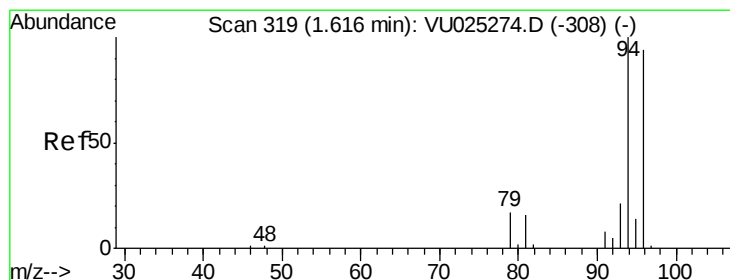
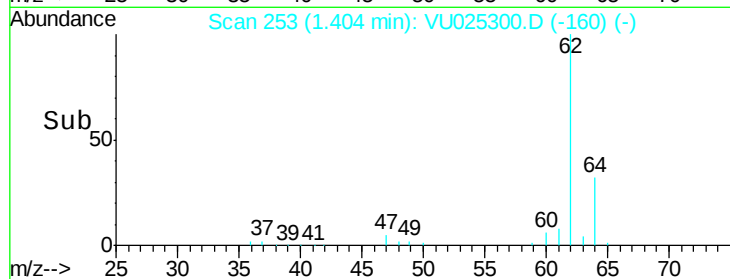
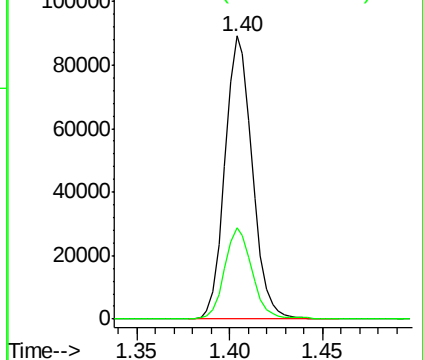
62 100

64 32.1 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 325

Delta R.T. 0.02 min

Lab File: VU025300.D

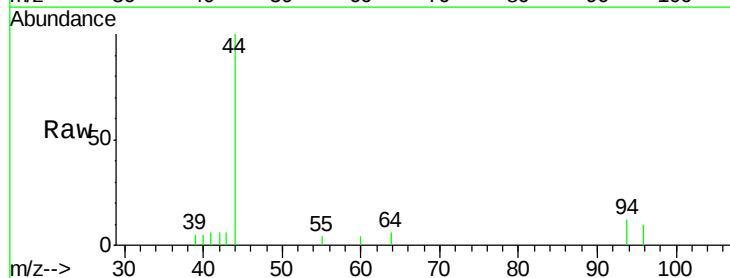
Acq: 10 Jul 2018 19:44

Tgt Ion: 94 Resp: 501

Ion Ratio Lower Upper

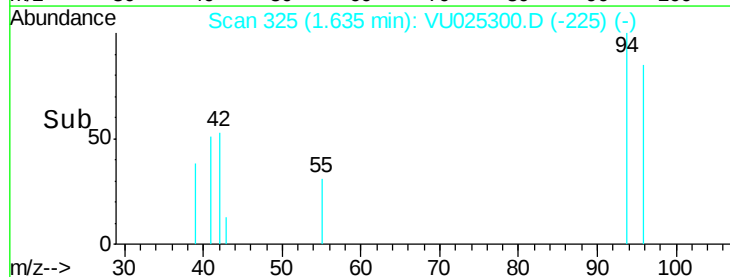
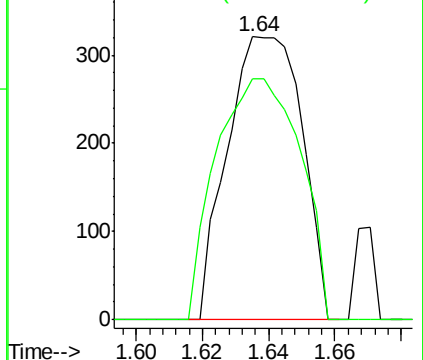
94 100

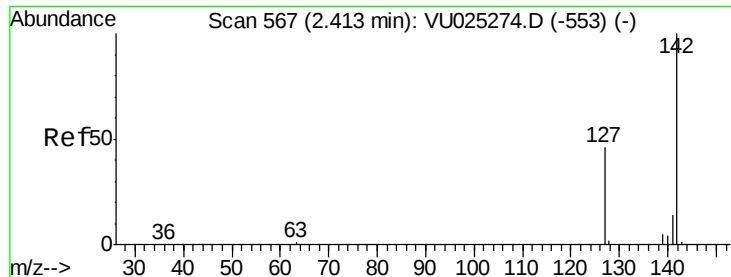
96 85.0 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0

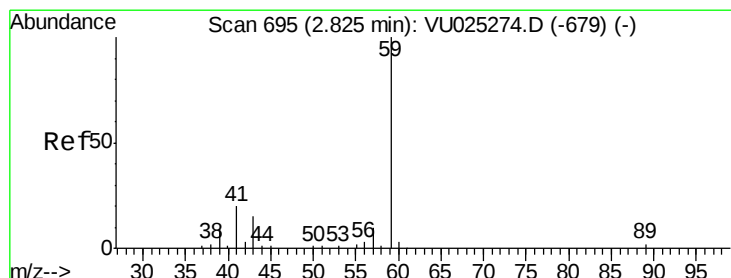
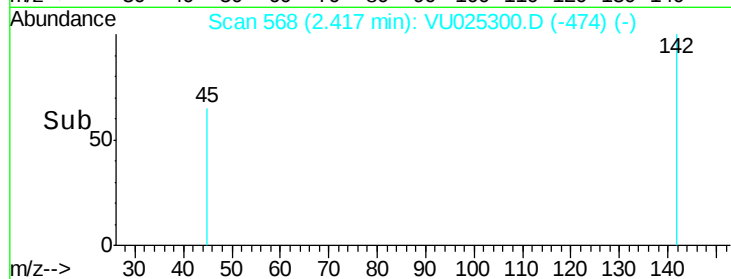
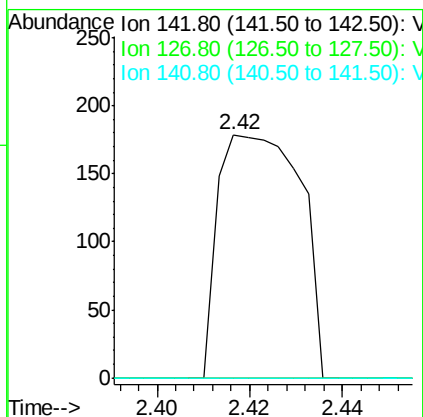
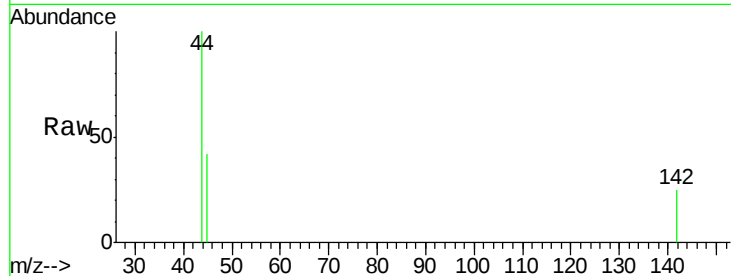




#10
Methvl Iodide
Concen: 7.78 ug/l
RT: 2.42 min Scan# 568
Delta R.T. 0.00 min
Lab File: VU025300.D
Acq: 10 Jul 2018 19:44

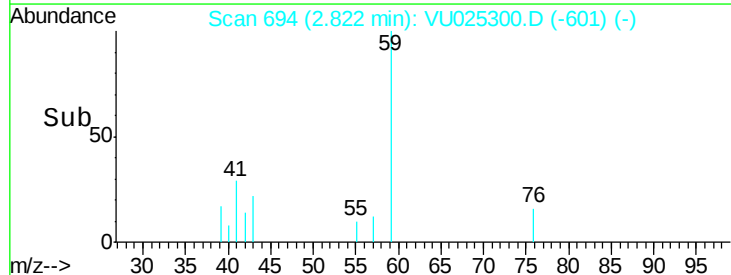
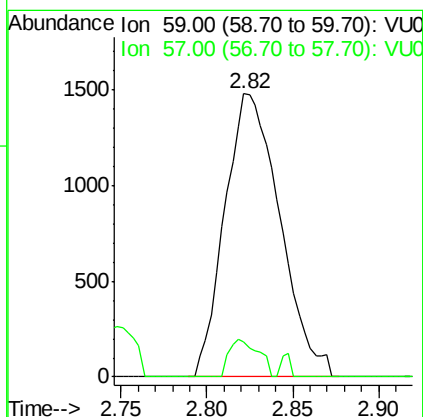
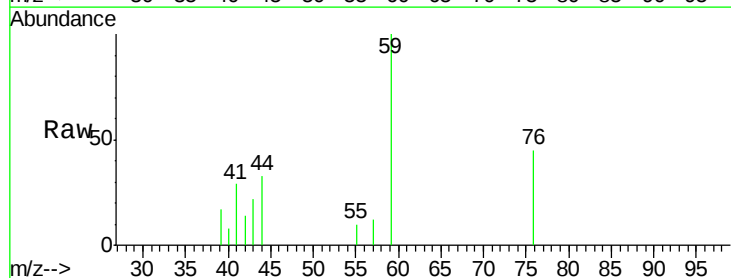
Instrument :
MSVOA_U
ClientSampleId :
SS038MW013-180705

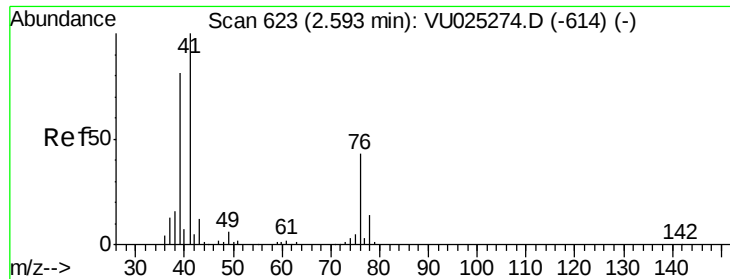
Tot Ion:142 Resp: 220
Ion Ratio Lower Upper
142 100
127 0.0 36.5 54.7#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 4.70 ug/l
RT: 2.82 min Scan# 694
Delta R.T. -0.00 min
Lab File: VU025300.D
Acq: 10 Jul 2018 19:44

Tgt Ion: 59 Resp: 3301
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

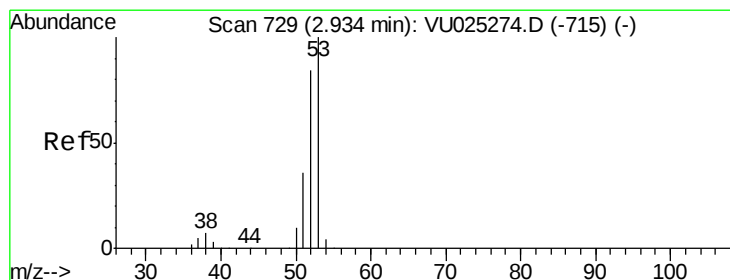
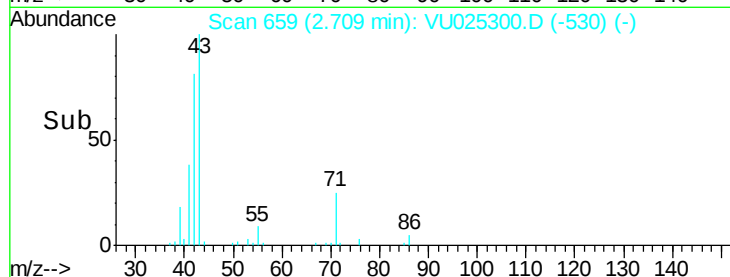
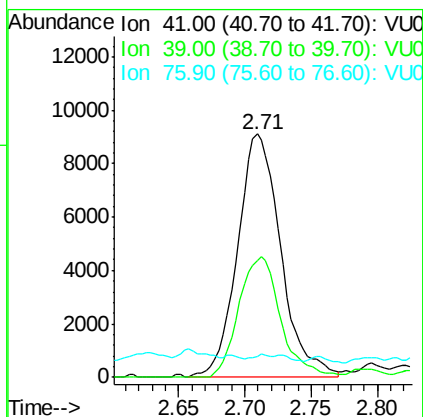
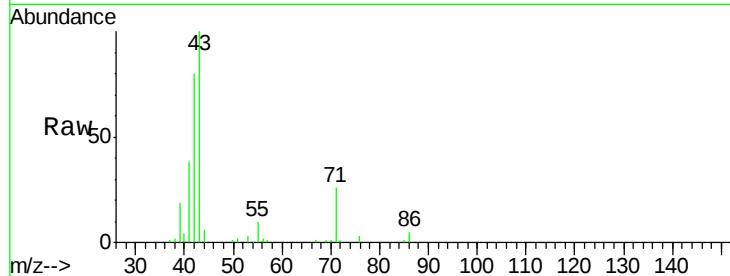




#14
Allvl chloride
Concen: 5.43 ug/l
RT: 2.71 min Scan# 659
Delta R.T. 0.12 min
Lab File: VU025300.D
Acq: 10 Jul 2018 19:44

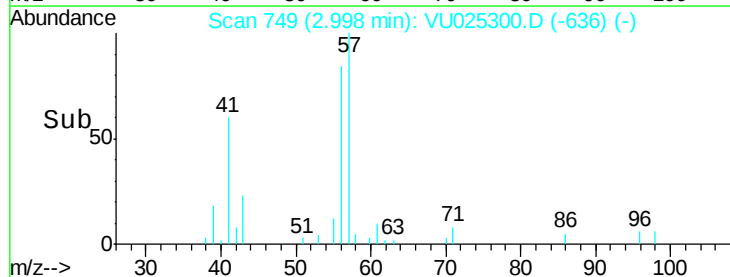
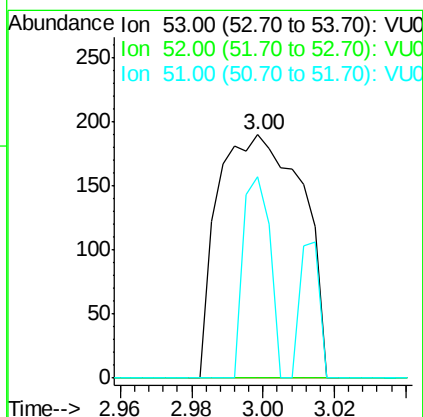
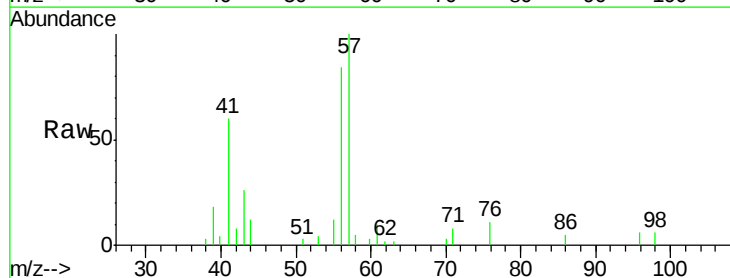
Instrument :
MSVOA_U
ClientSampleId :
SS038MW013-180705

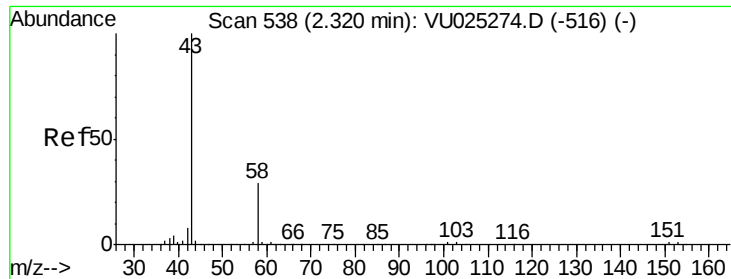
Tot Ion: 41 Resp: 20677
Ion Ratio Lower Upper
41 100
39 48.1 60.6 91.0#
76 0.0 30.5 45.7#



#15
Acrylonitrile
Concen: 0.22 ug/l
RT: 3.00 min Scan# 749
Delta R.T. 0.06 min
Lab File: VU025300.D
Acq: 10 Jul 2018 19:44

Tgt Ion: 53 Resp: 311
Ion Ratio Lower Upper
53 100
52 0.0 66.6 99.8#
51 26.0 29.4 44.2#





#16

Acetone

Concen: 6.28 ug/l

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

Lab File: VU025300.D

Acq: 10 Jul 2018 19:44

Instrument :

MSVOA_U

ClientSampleId :

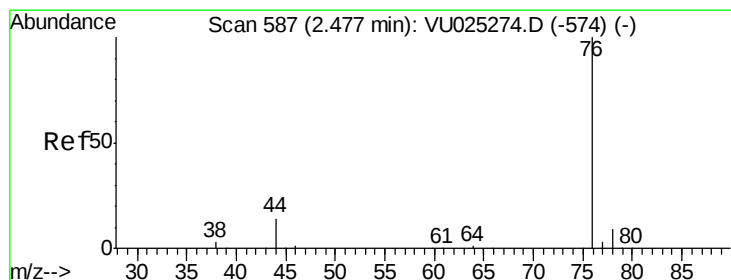
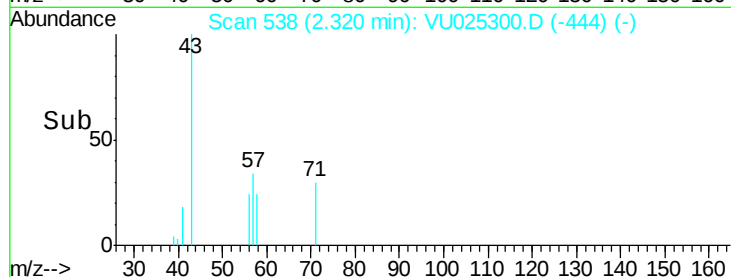
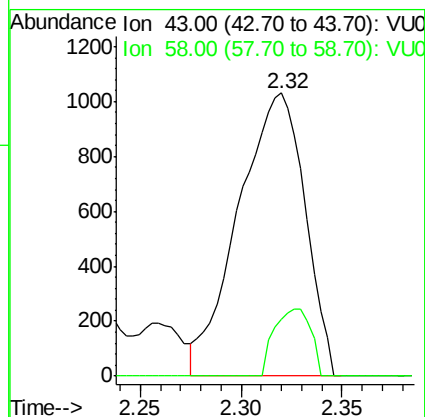
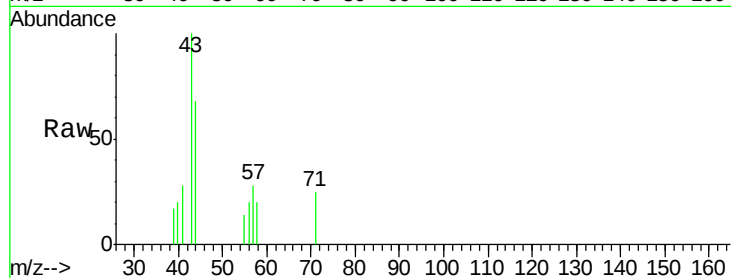
SS038MW013-180705

Tot Ion: 43 Resp: 2365

Ion Ratio Lower Upper

43 100

58 20.3 23.1 34.7#



#17

Carbon Disulfide

Concen: 2.19 ug/l

RT: 2.48 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU025300.D

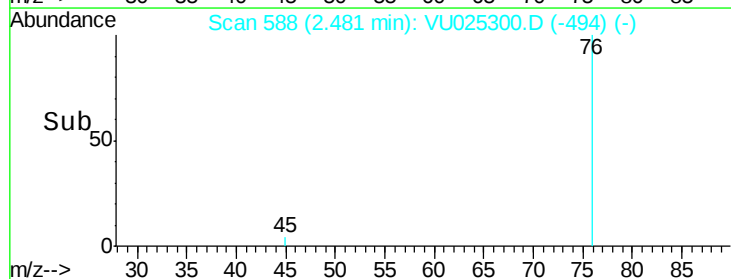
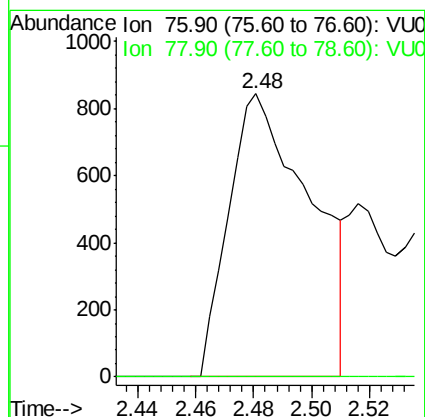
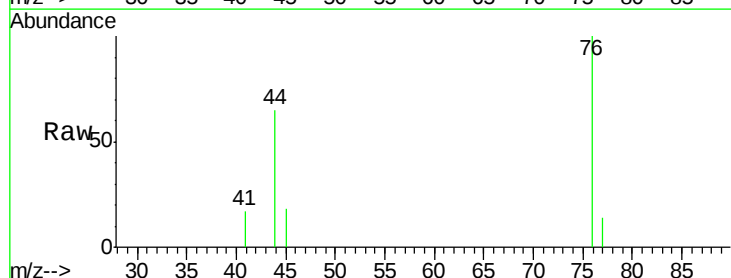
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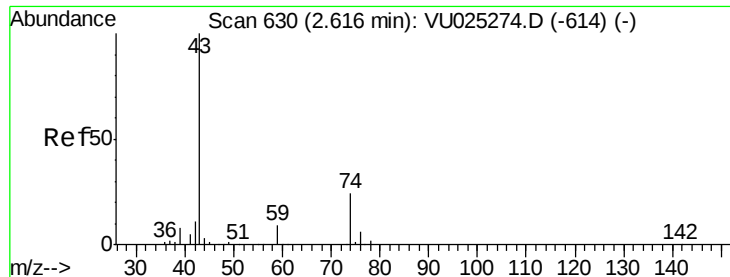
Tgt Ion: 76 Resp: 1644

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.2#

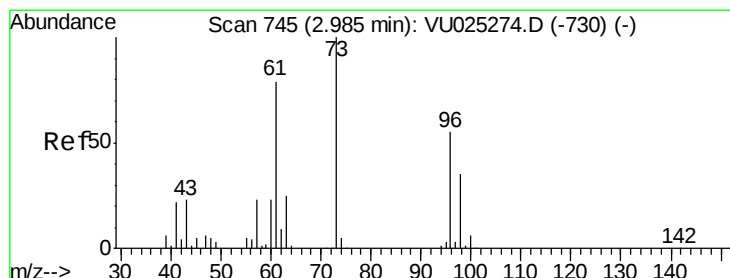
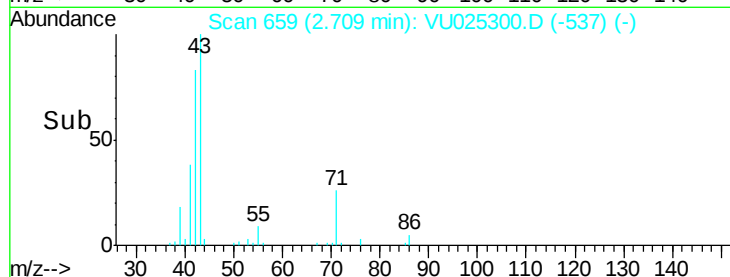
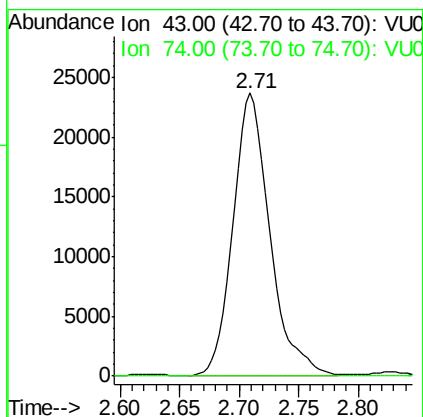
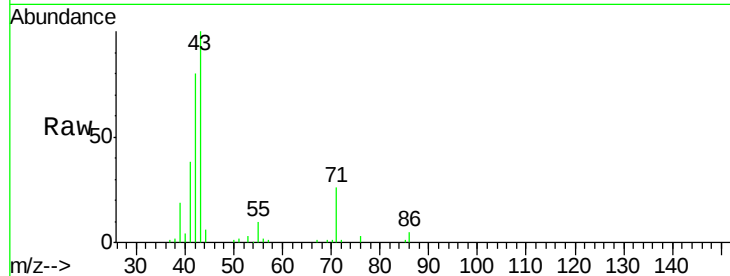




#18
Methvl Acetate
Concen: 15.48 ug/l
RT: 2.71 min Scan# 659
Delta R.T. 0.09 min
Lab File: VU025300.D
Acq: 10 Jul 2018 19:44

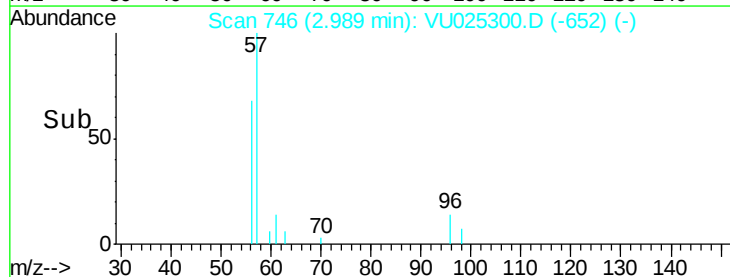
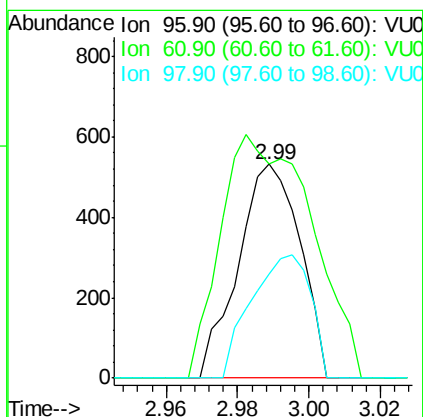
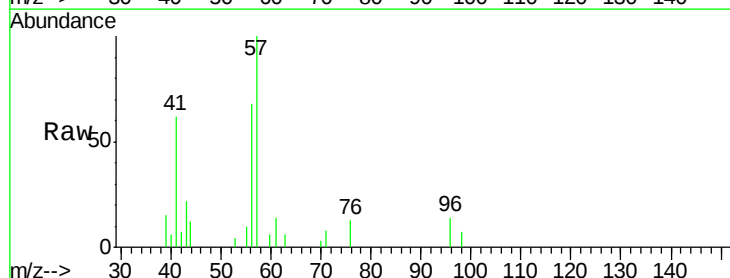
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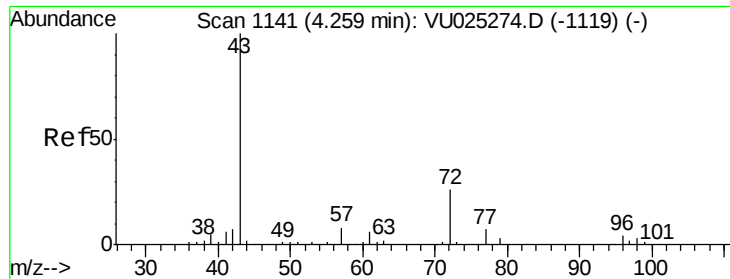
Tot Ion: 43 Resp: 51033
Ion Ratio Lower Upper
43 100
74 0.0 18.5 27.7#



#21
trans-1,2-Dichloroethene
Concen: 0.27 ug/l
RT: 2.99 min Scan# 746
Delta R.T. 0.00 min
Lab File: VU025300.D
Acq: 10 Jul 2018 19:44

Tgt Ion: 96 Resp: 637
Ion Ratio Lower Upper
96 100
61 100.4 114.5 171.7#
98 48.5 50.5 75.7#





#25

2-Butanone

Concen: 0.90 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.03 min

Lab File: VU025300.D

Acq: 10 Jul 2018 19:44

Instrument :

MSVOA_U

ClientSampleId :

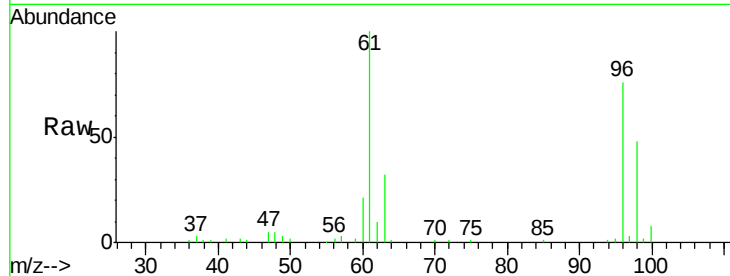
SS038MW013-180705

Tot Ion: 43 Resp: 2010

Ion Ratio Lower Upper

43 100

72 31.3 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

4.23

800

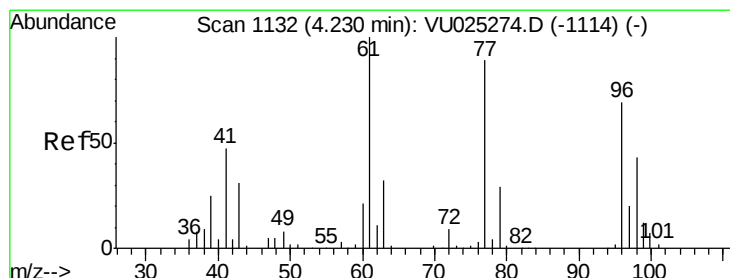
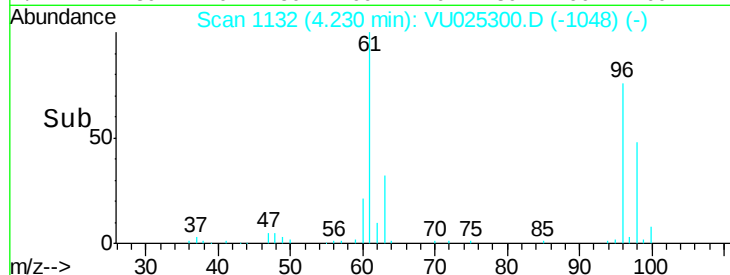
600

400

200

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 24.82 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU025300.D

Acq: 10 Jul 2018 19:44

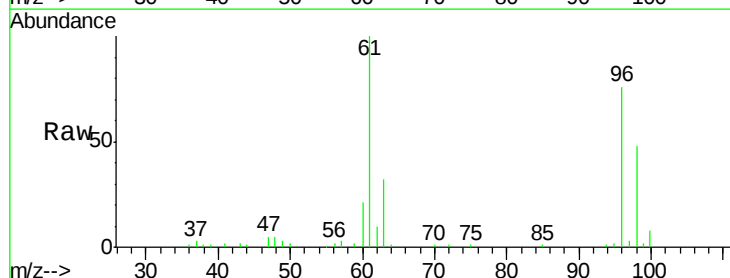
Tgt Ion: 96 Resp: 68916

Ion Ratio Lower Upper

96 100

61 132.7 0.0 299.8

98 65.2 0.0 128.6



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

4.23

50000

40000

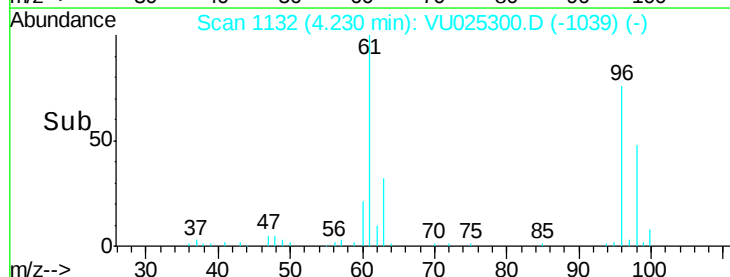
30000

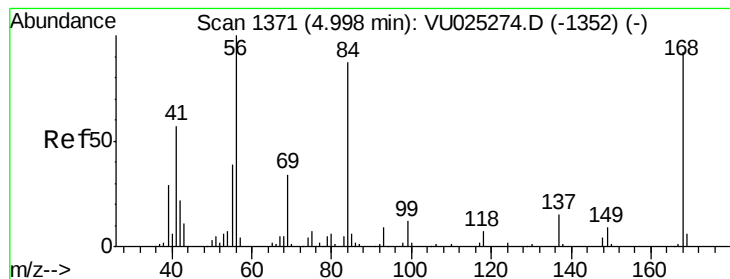
20000

10000

0

Time-->





#31

Cyclohexane

Concen: 3.14 ug/l

RT: 5.00 min Scan# 1370

Delta R.T. -0.00 min

Lab File: VU025300.D

Acq: 10 Jul 2018 19:44

Instrument :

MSVOA_U

ClientSampleId :

SS038MW013-180705

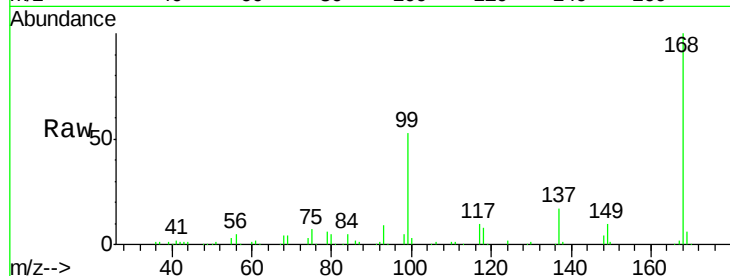
Tot Ion: 56 Resp: 9903

Ion Ratio Lower Upper

56 100

69 90.6 26.8 40.2#

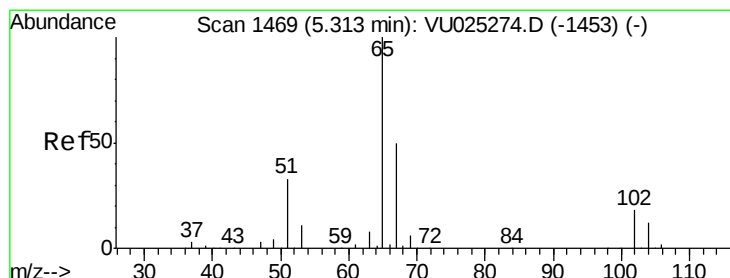
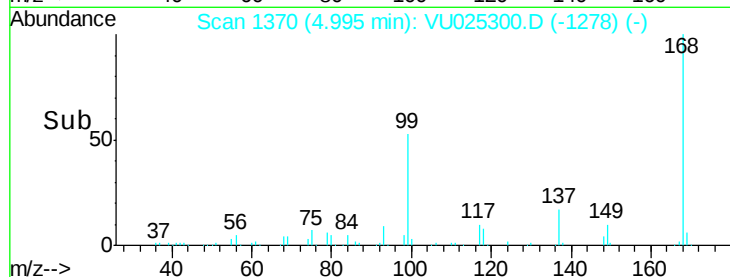
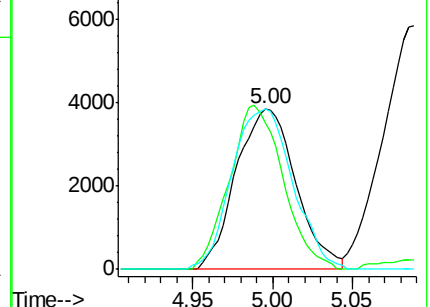
84 97.2 69.7 104.5



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



#33

1,2-Dichloroethane-d4

Concen: 48.12 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025300.D

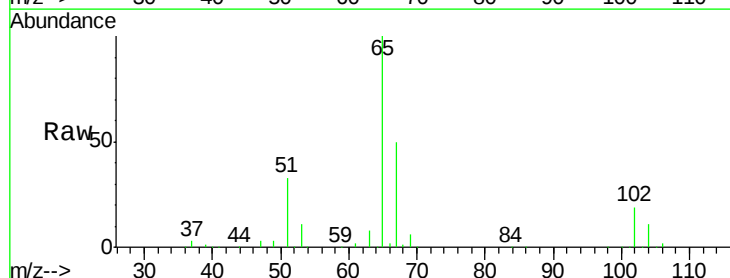
Acq: 10 Jul 2018 19:44

Tgt Ion: 65 Resp: 154910

Ion Ratio Lower Upper

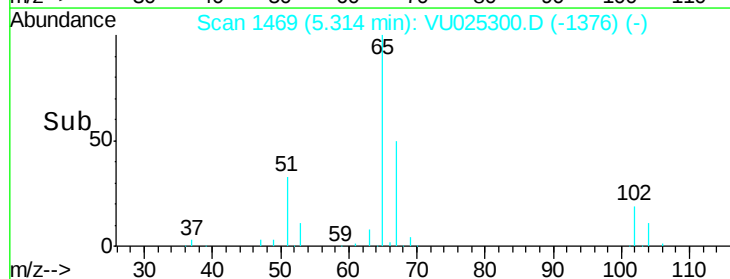
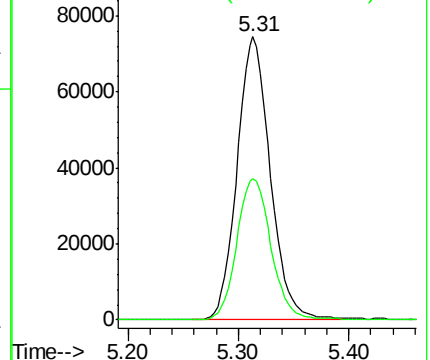
65 100

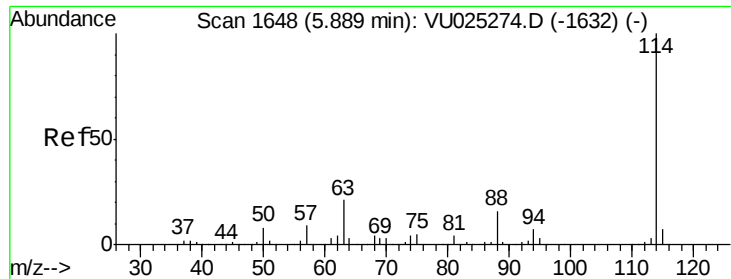
67 51.6 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

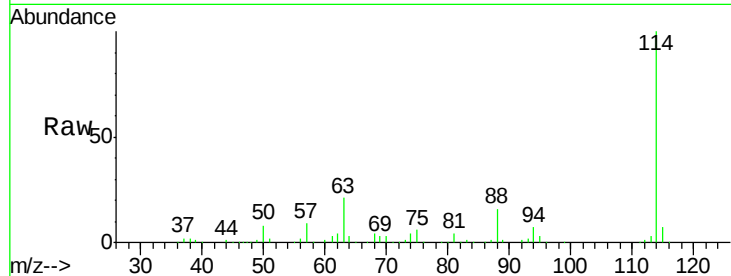




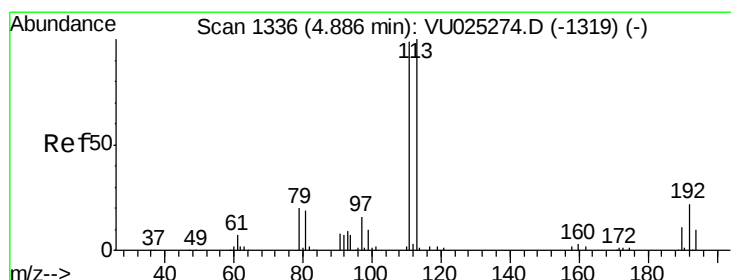
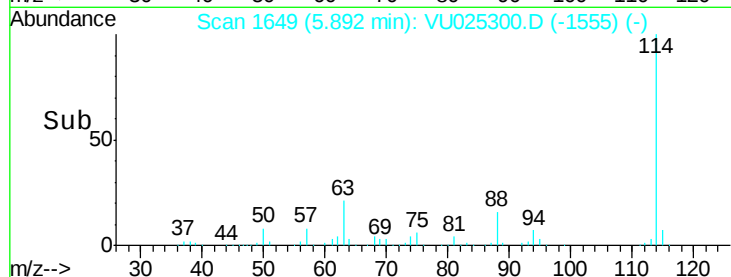
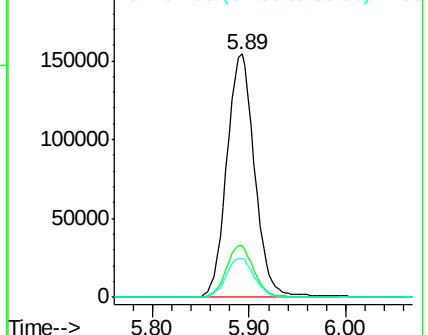
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.89 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VU025300.D
Acq: 10 Jul 2018 19:44

Instrument :
MSVOA_U
ClientSampleId :
SS038MW013-180705

Tot Ion:114 Resp: 308680
Ion Ratio Lower Upper
114 100
63 21.0 0.0 41.6
88 16.1 0.0 32.4

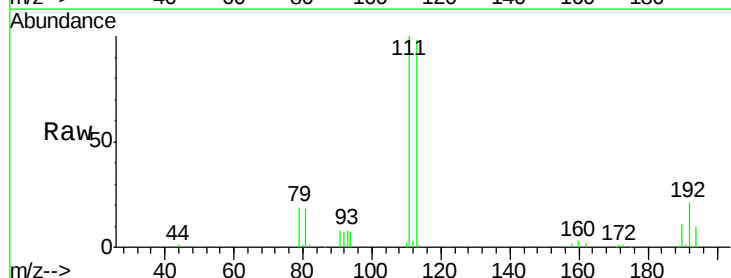


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VU0
Ion 87.90 (87.60 to 88.60): VU0

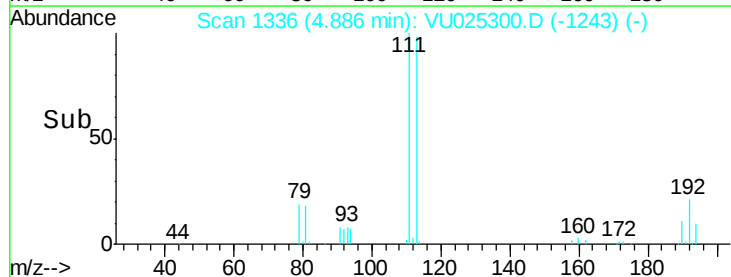
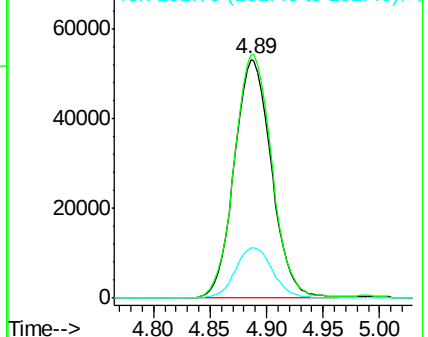


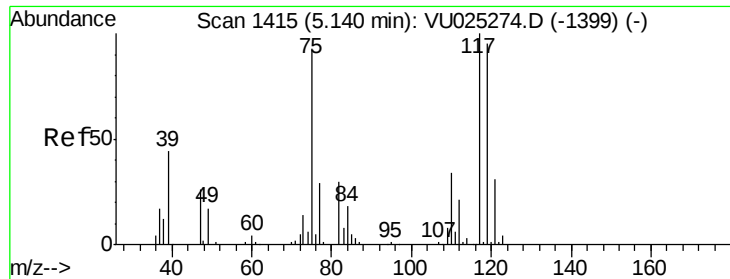
#35
Dibromofluoromethane
Concen: 46.75 ug/l
RT: 4.89 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU025300.D
Acq: 10 Jul 2018 19:44

Tgt Ion:113 Resp: 121744
Ion Ratio Lower Upper
113 100
111 103.3 81.7 122.5
192 21.2 17.1 25.7



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

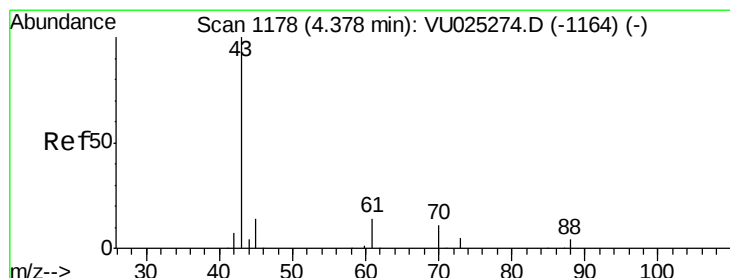
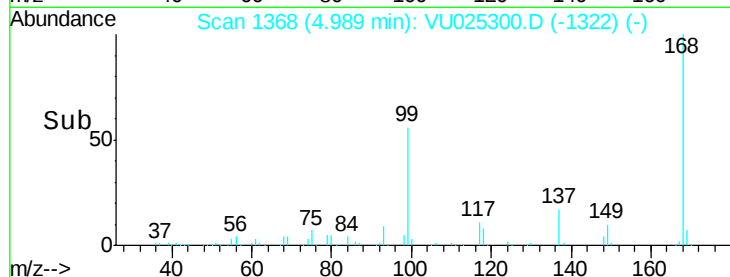
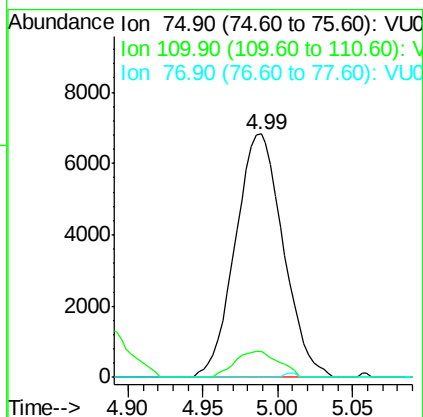
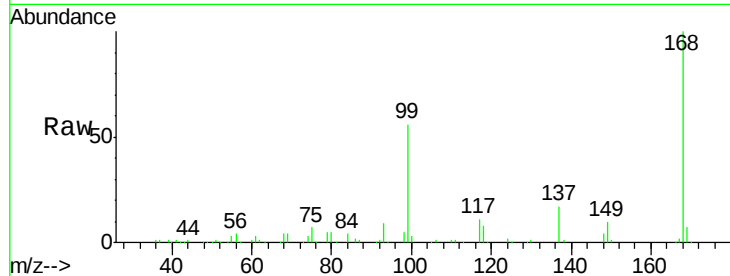




#36
 1,1-Dichloropropene
 Concen: 4.42 ug/l
 RT: 4.99 min Scan# 1368
 Delta R.T. -0.15 min
 Lab File: VU025300.D
 Acq: 10 Jul 2018 19:44

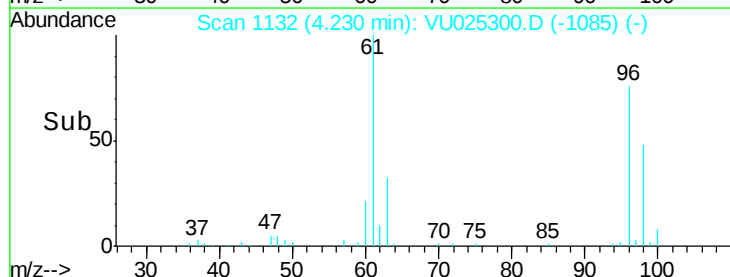
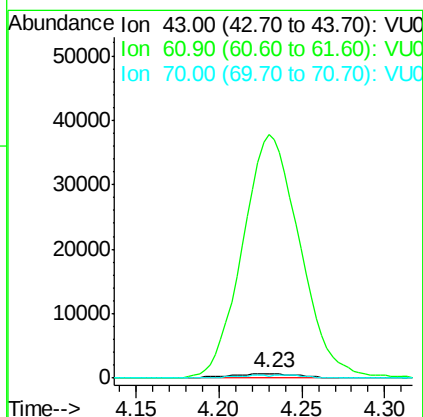
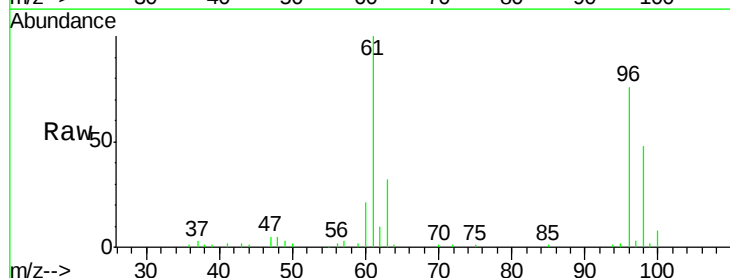
Instrument :
 MSVOA_U
 ClientSampleId :
 SS038MW013-180705

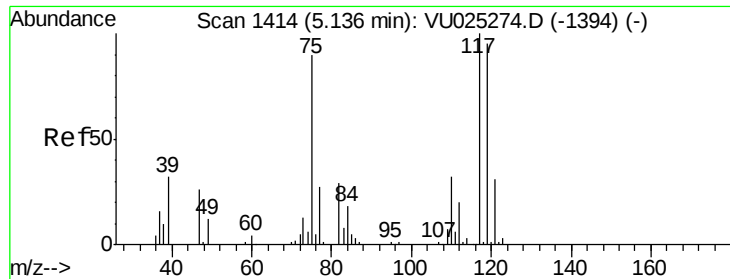
Tot Ion: 75 Resp: 15172
 Ion Ratio Lower Upper
 75 100
 110 9.9 17.6 52.9#
 77 0.0 24.4 36.6#



#37
 Ethyl Acetate
 Concen: 0.53 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.15 min
 Lab File: VU025300.D
 Acq: 10 Jul 2018 19:44

Tgt Ion: 43 Resp: 2010
 Ion Ratio Lower Upper
 43 100
 61 4551.1 10.7 16.1#
 70 25.3 8.4 12.6#





#38

Carbon Tetrachloride

Concen: 5.61 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.15 min

Lab File: VU025300.D

Acq: 10 Jul 2018 19:44

Instrument :

MSVOA_U

ClientSampleId :

SS038MW013-180705

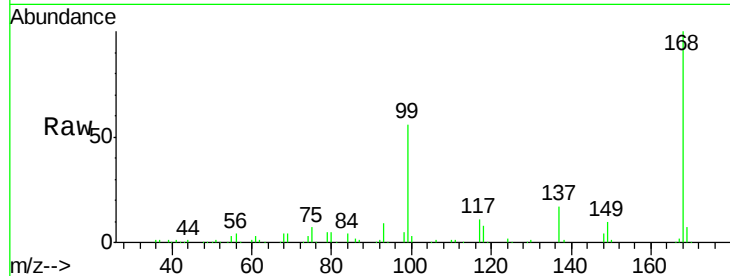
Tot Ion:117 Resp: 20709

Ion Ratio Lower Upper

117 100

119 3.3 75.7 113.5#

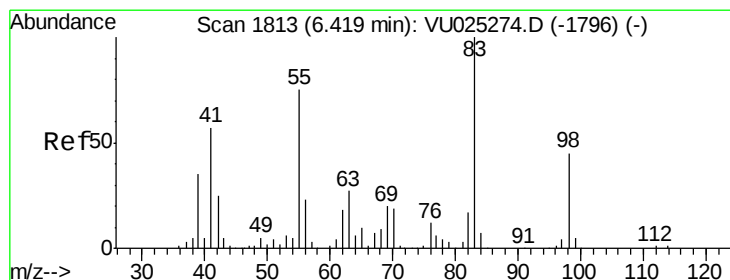
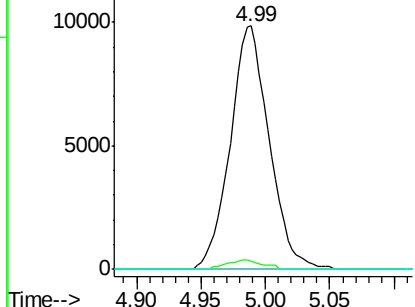
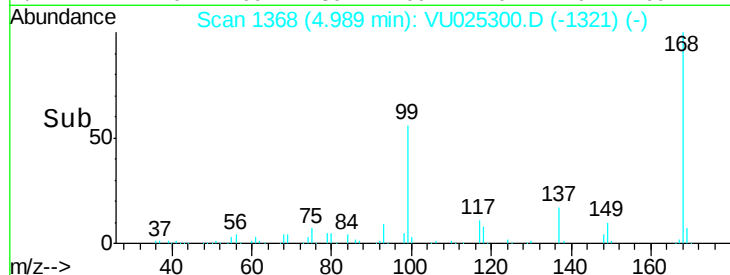
121 0.0 24.6 36.8#



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



#39

Methylcyclohexane

Concen: 1.53 ug/l

RT: 6.42 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VU025300.D

Acq: 10 Jul 2018 19:44

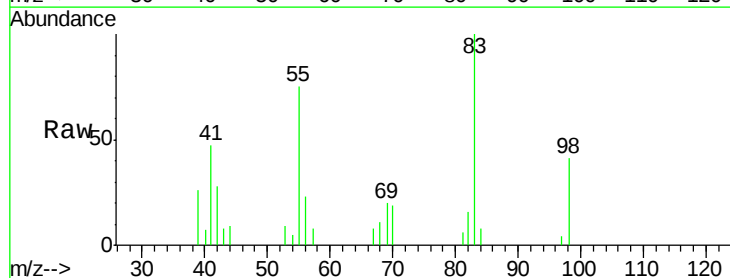
Tgt Ion: 83 Resp: 6547

Ion Ratio Lower Upper

83 100

55 75.1 60.0 90.0

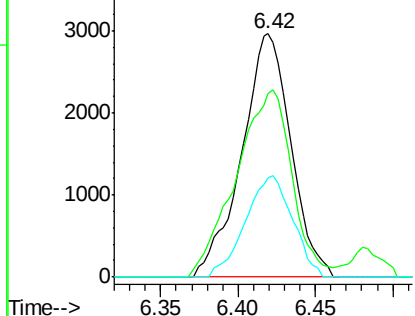
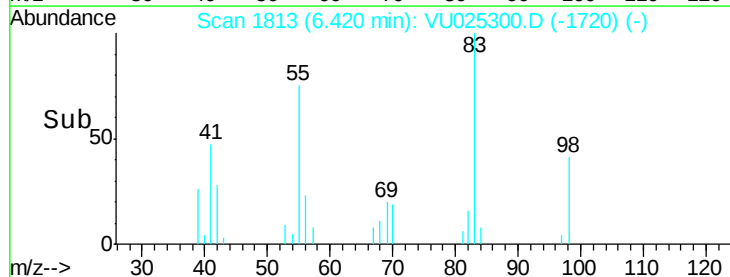
98 40.6 36.1 54.1

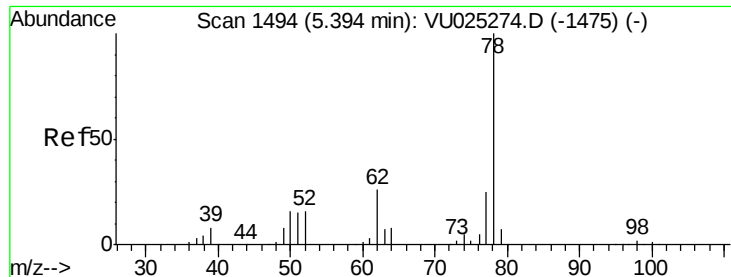


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#40

Benzene

Concen: 5.67 ug/l

RT: 5.39 min Scan# 1494

Delta R.T. 0.00 min

Lab File: VU025300.D

Acq: 10 Jul 2018 19:44

Instrument :

MSVOA_U

ClientSampleId :

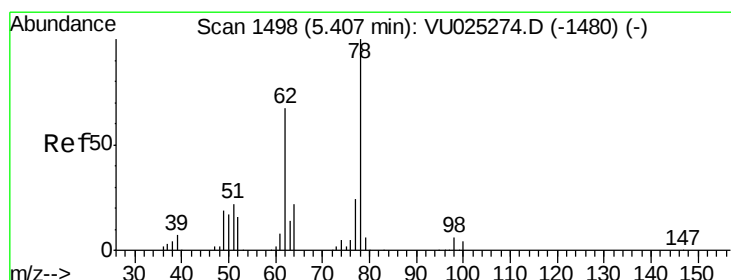
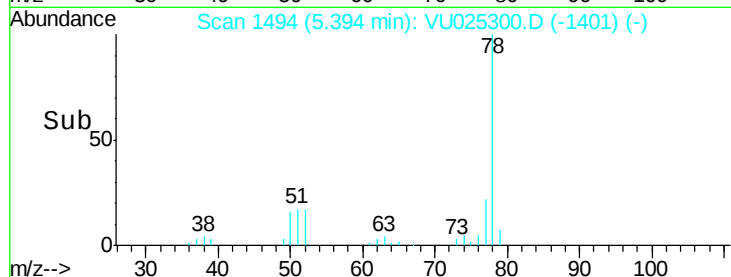
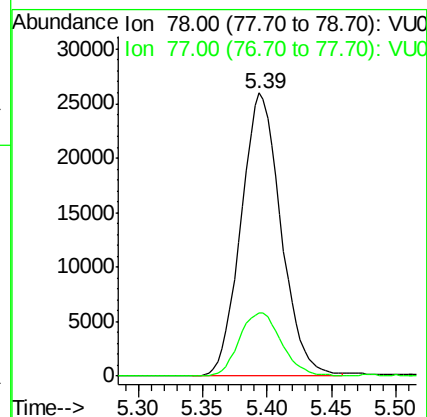
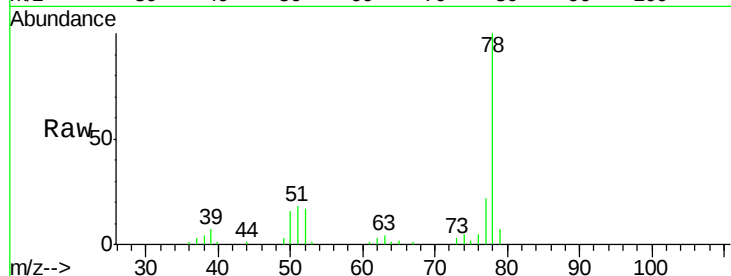
SS038MW013-180705

Tot Ion: 78 Resp: 56107

Ion Ratio Lower Upper

78 100

77 22.4 19.8 29.6



#42

1,2-Dichloroethane

Concen: 0.69 ug/l

RT: 5.40 min Scan# 1497

Delta R.T. -0.00 min

Lab File: VU025300.D

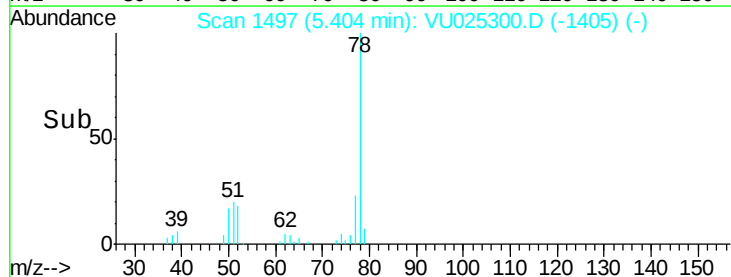
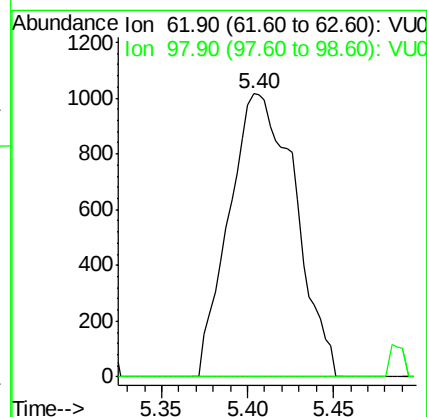
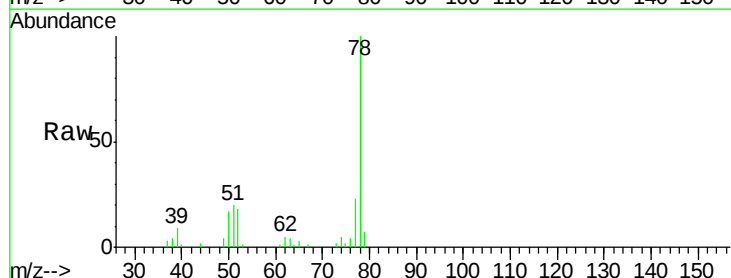
Acq: 10 Jul 2018 19:44

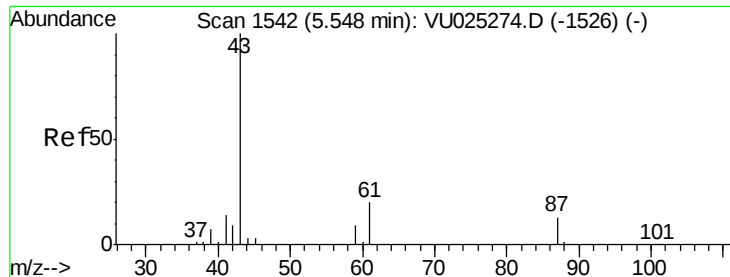
Tgt Ion: 62 Resp: 2716

Ion Ratio Lower Upper

62 100

98 0.0 0.0 16.4





#43

Isopropyl Acetate

Concen: 4.57 ug/l

RT: 5.54 min Scan# 1541

Delta R.T. -0.00 min

Lab File: VU025300.D

Acq: 10 Jul 2018 19:44

Instrument :

MSVOA_U

ClientSampleId :

SS038MW013-180705

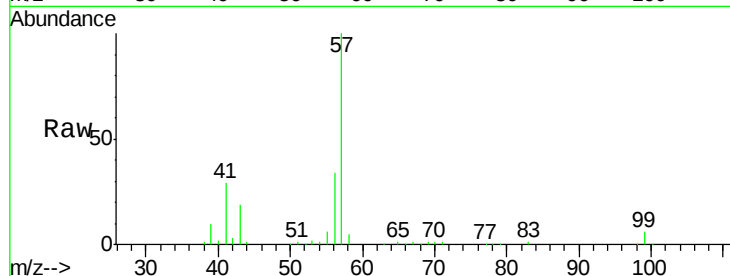
Tot Ion: 43 Resp: 27999

Ion Ratio Lower Upper

43 100

61 0.0 15.5 23.3#

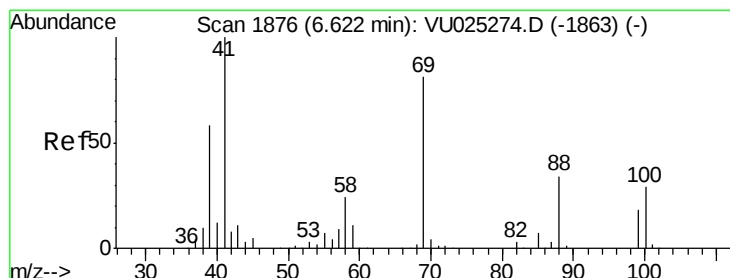
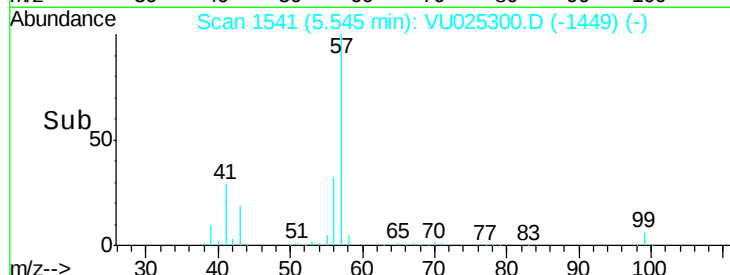
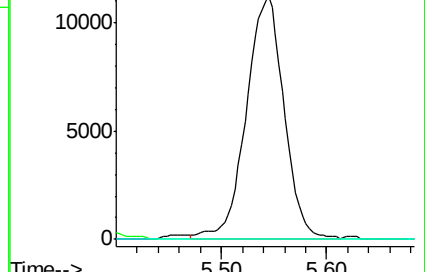
87 0.0 10.6 16.0#



Abundance Ion 43.00 (42.70 to 43.70): VU025274.D (-1526) (-)

Ion 61.00 (60.70 to 61.70): VU025274.D (-1526) (-)

Ion 87.00 (86.70 to 87.70): VU025274.D (-1526) (-)



#48

Methyl methacrylate

Concen: 1.60 ug/l

RT: 6.59 min Scan# 1866

Delta R.T. -0.03 min

Lab File: VU025300.D

Acq: 10 Jul 2018 19:44

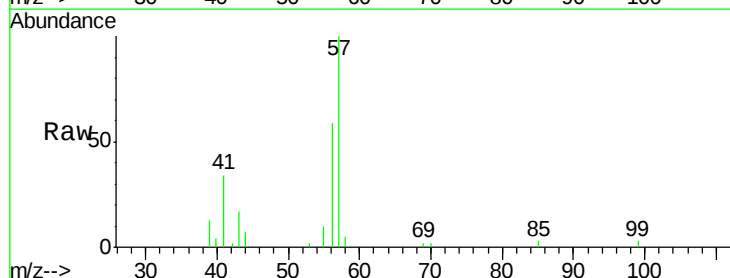
Tgt Ion: 41 Resp: 4903

Ion Ratio Lower Upper

41 100

69 3.2 65.0 97.4#

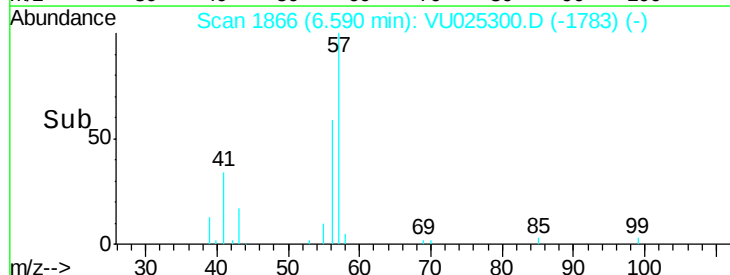
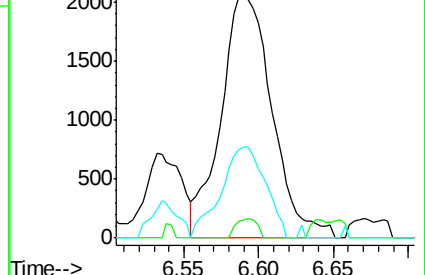
39 32.7 46.4 69.6#

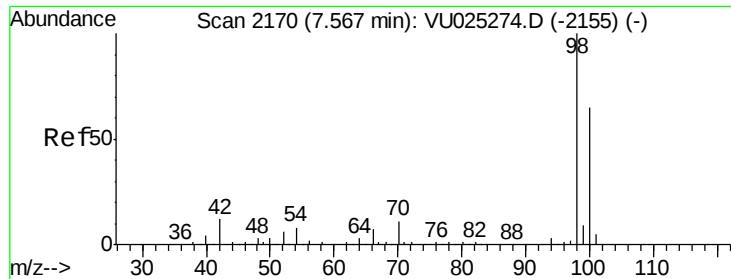


Abundance Ion 41.00 (40.70 to 41.70): VU025274.D (-1863) (-)

Ion 69.00 (68.70 to 69.70): VU025274.D (-1863) (-)

Ion 39.00 (38.70 to 39.70): VU025274.D (-1863) (-)

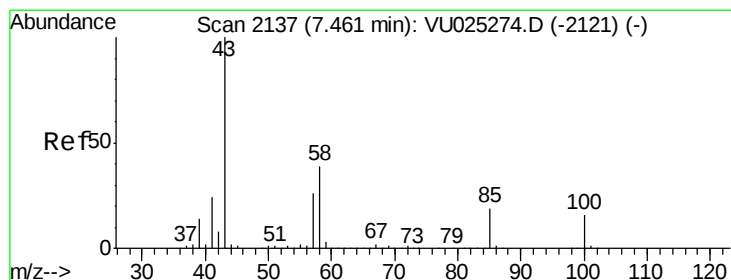
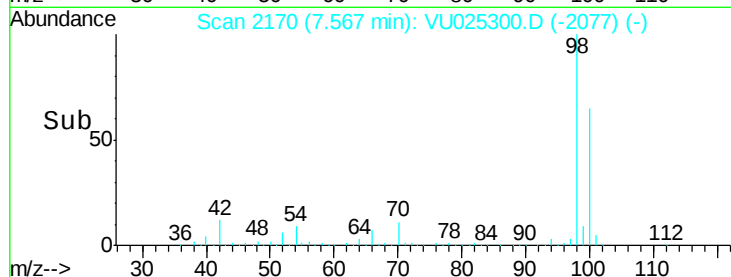
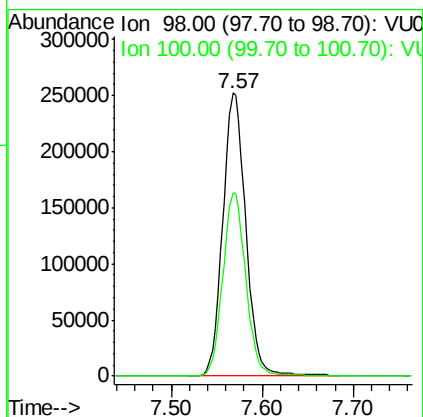
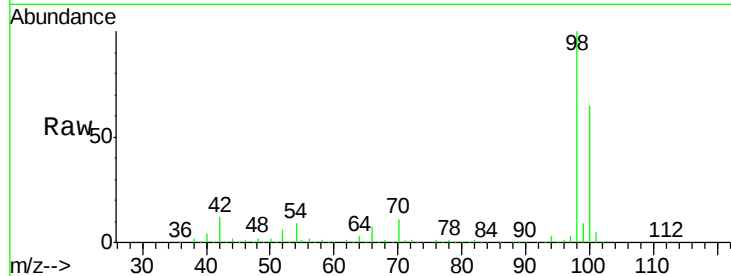




#50
Toluene-d8
Concen: 49.92 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VU025300.D
Acq: 10 Jul 2018 19:44

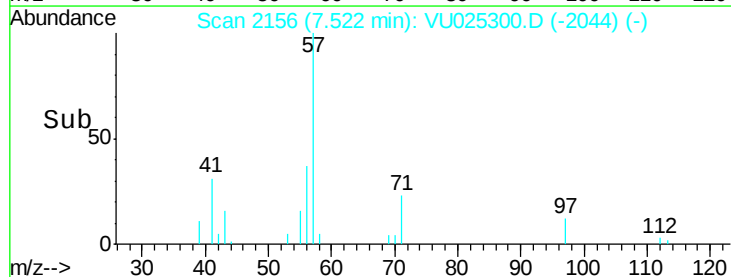
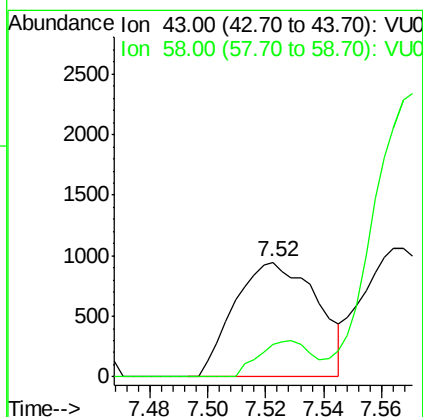
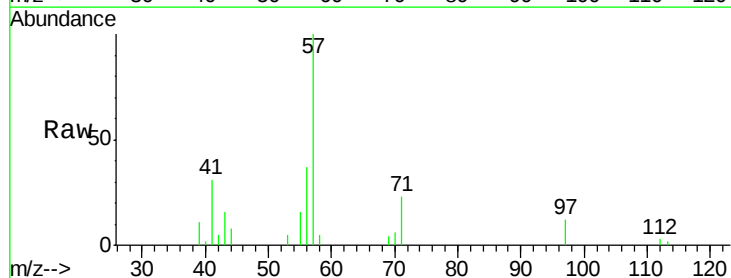
Instrument :
MSVOA_U
ClientSampleId :
SS038MW013-180705

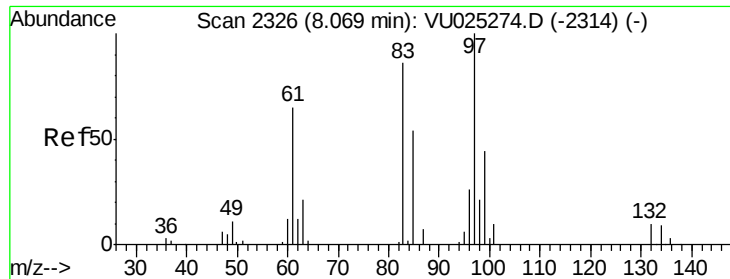
Tot Ion: 98 Resp: 445124
Ion Ratio Lower Upper
98 100
100 64.9 51.1 76.7



#51
4-Methyl-2-Pentanone
Concen: 0.47 ug/l
RT: 7.52 min Scan# 2156
Delta R.T. 0.06 min
Lab File: VU025300.D
Acq: 10 Jul 2018 19:44

Tgt Ion: 43 Resp: 1883
Ion Ratio Lower Upper
43 100
58 19.8 31.0 46.4#

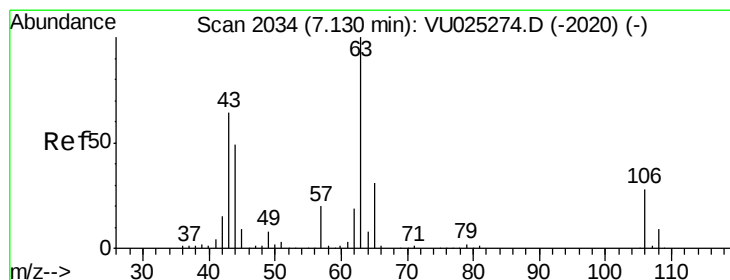
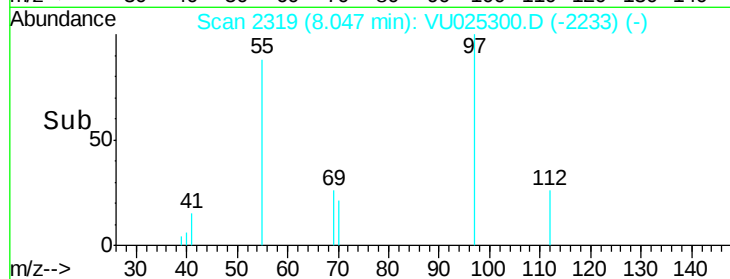
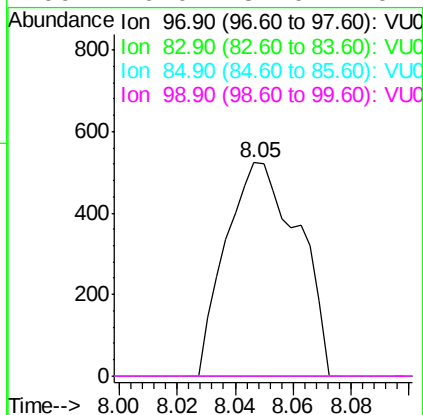
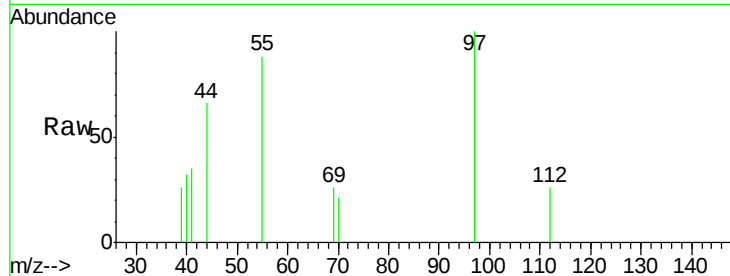




#55
 1,1,2-Trichloroethane
 Concen: 0.35 ug/l
 RT: 8.05 min Scan# 2319
 Delta R.T. -0.02 min
 Lab File: VU025300.D
 Acq: 10 Jul 2018 19:44

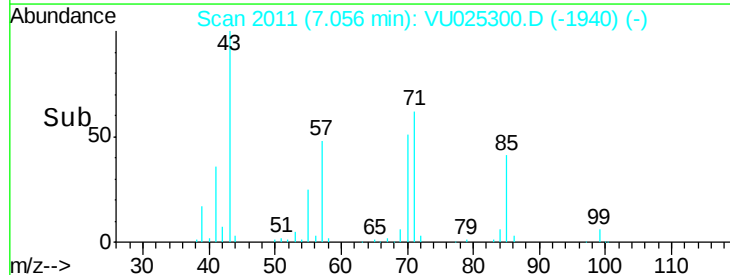
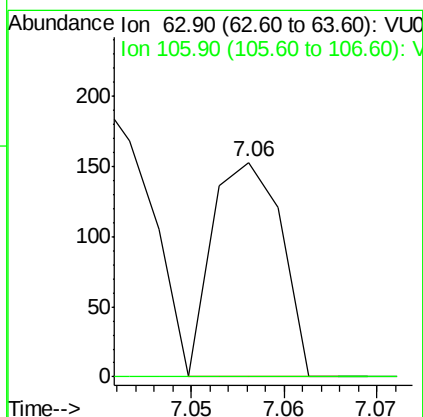
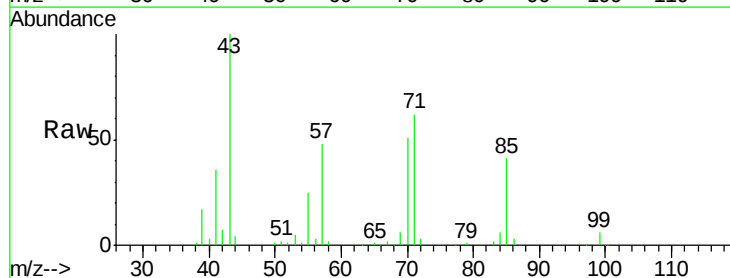
Instrument :
 MSVOA_U
 ClientSampleId :
 SS038MW013-180705

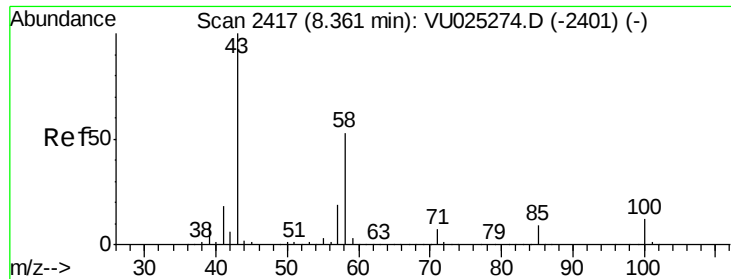
Tot Ion: 97 Resp: 911
 Ion Ratio Lower Upper
 97 100
 83 0.0 68.9 103.3#
 85 0.0 44.4 66.6#
 99 0.0 51.0 76.4#



#58
 2-Chloroethyl Vinyl ether
 Concen: 11.20 ug/l
 RT: 7.06 min Scan# 2011
 Delta R.T. -0.07 min
 Lab File: VU025300.D
 Acq: 10 Jul 2018 19:44

Tgt Ion: 63 Resp: 79
 Ion Ratio Lower Upper
 63 100
 106 0.0 22.3 33.5#

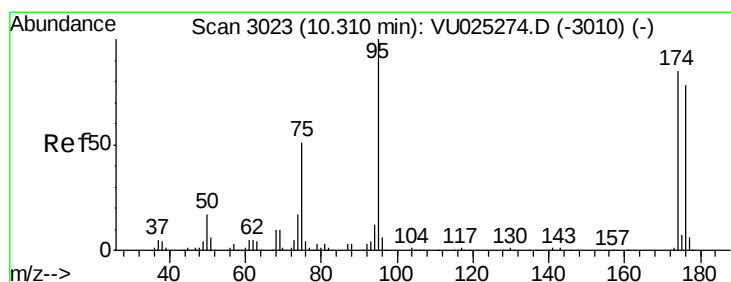
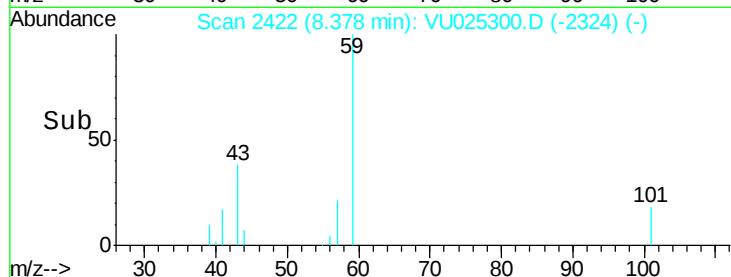
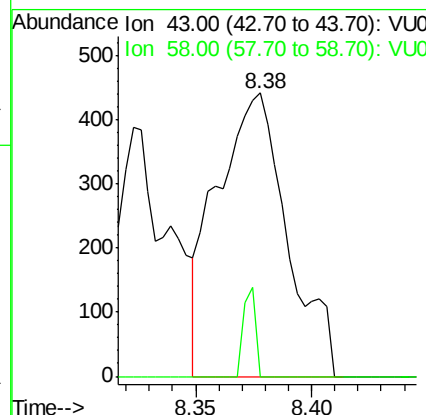
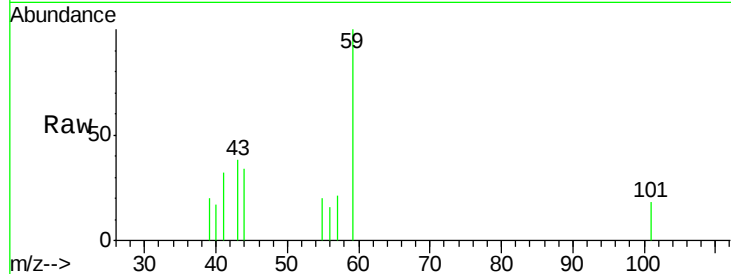




#59
2-Hexanone
Concen: 0.29 ug/l
RT: 8.38 min Scan# 2422
Delta R.T. 0.02 min
Lab File: VU025300.D
Acq: 10 Jul 2018 19:44

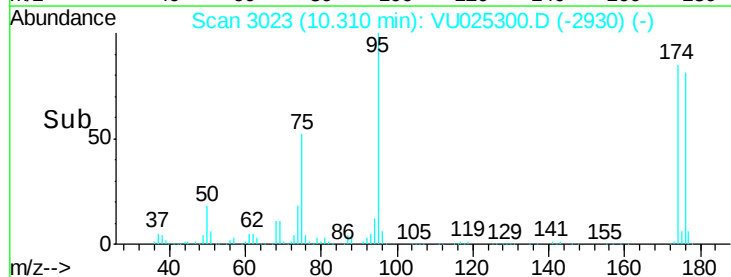
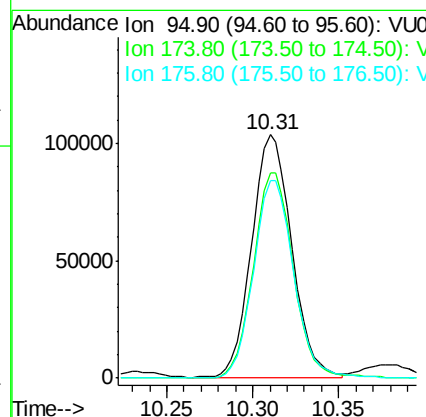
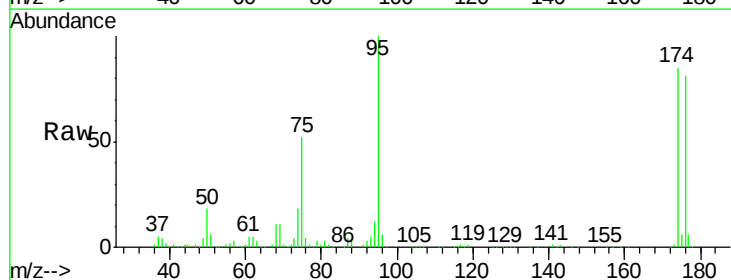
Instrument :
MSVOA_U
ClientSampleId :
SS038MW013-180705

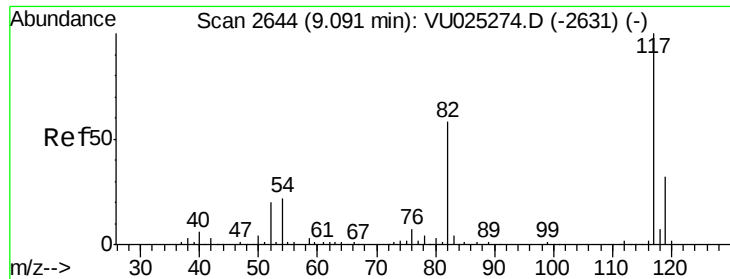
Tot Ion: 43 Resp: 931
Ion Ratio Lower Upper
43 100
58 5.3 26.2 78.5#



#62
4-Bromofluorobenzene
Concen: 46.54 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025300.D
Acq: 10 Jul 2018 19:44

Tgt Ion: 95 Resp: 167088
Ion Ratio Lower Upper
95 100
174 84.6 0.0 172.2
176 82.1 0.0 162.6





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VU025300.D

Acq: 10 Jul 2018 19:44

Instrument :

MSVOA_U

ClientSampleId :

SS038MW013-180705

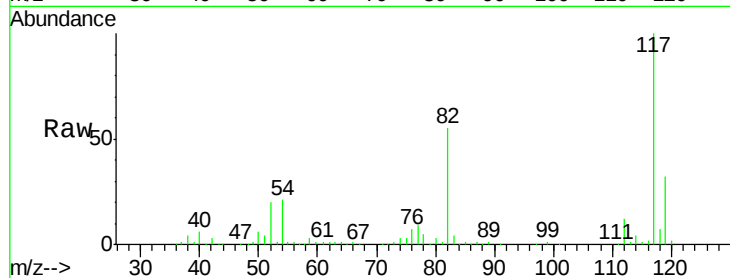
Tot Ion:117 Resp: 291067

Ion Ratio Lower Upper

117 100

82 54.9 46.0 69.0

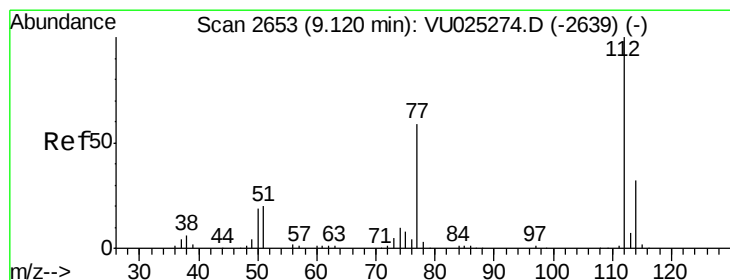
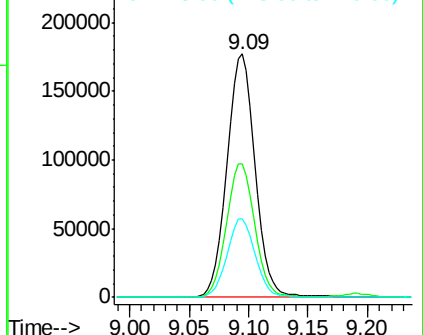
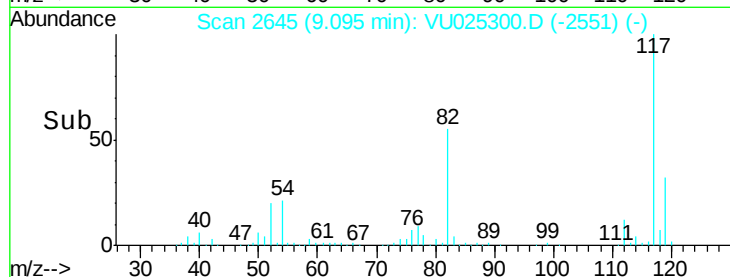
119 32.1 26.0 39.0



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



#65

Chlorobenzene

Concen: 167.38 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VU025300.D

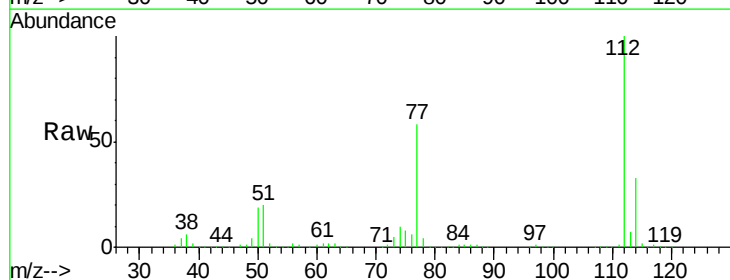
Acq: 10 Jul 2018 19:44

Tgt Ion:112 Resp: 1217031

Ion Ratio Lower Upper

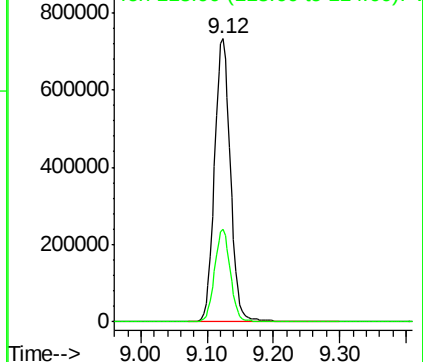
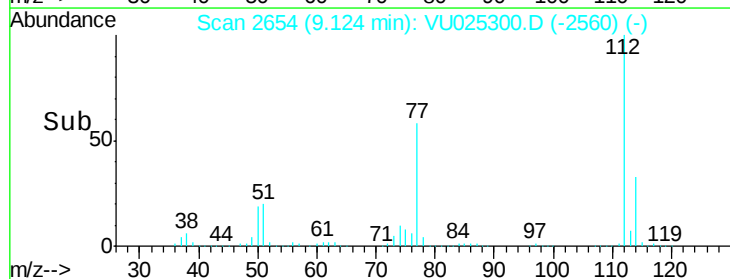
112 100

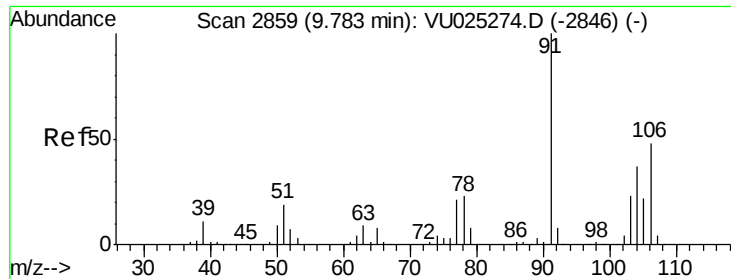
114 32.8 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

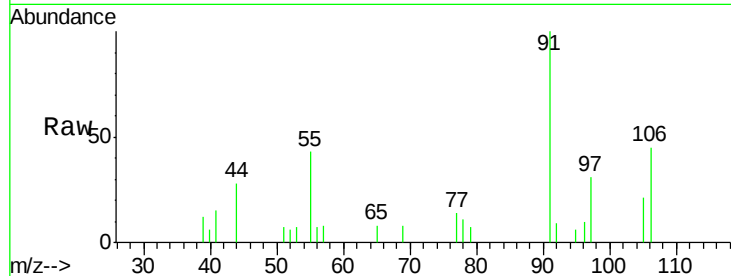




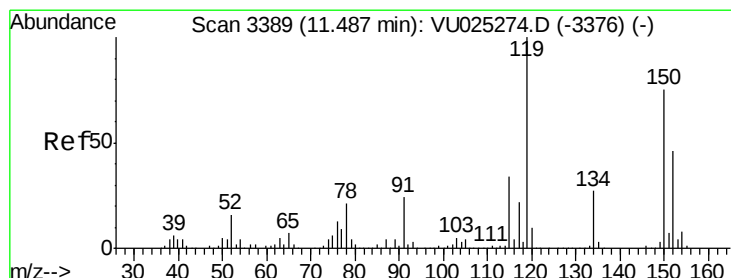
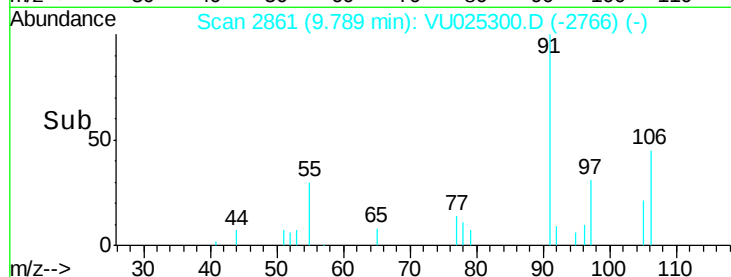
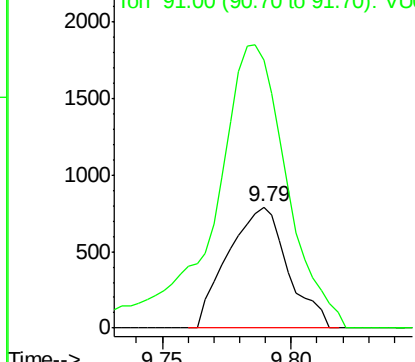
#69
o-Xylene
Concen: 0.27 ug/l
RT: 9.79 min Scan# 2861
Delta R.T. 0.01 min
Lab File: VU025300.D
Acq: 10 Jul 2018 19:44

Instrument :
MSVOA_U
ClientSampleId :
SS038MW013-180705

Tot Ion:106 Resp: 1279
Ion Ratio Lower Upper
106 100
91 284.9 105.3 315.8

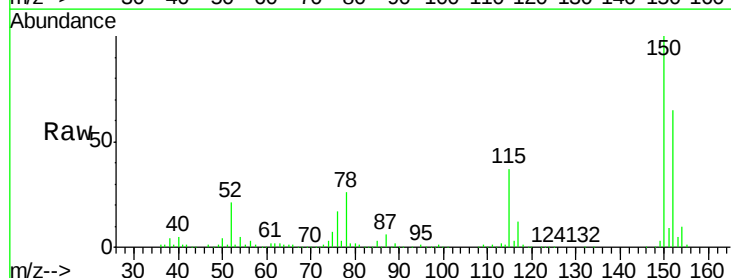


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

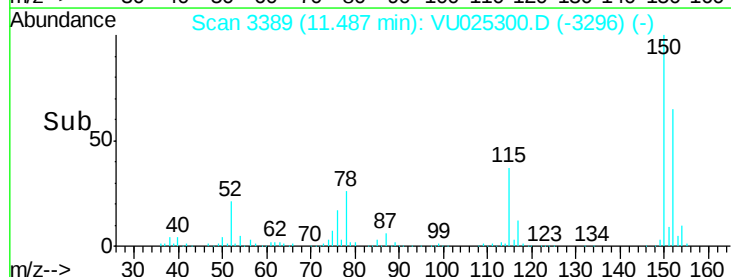
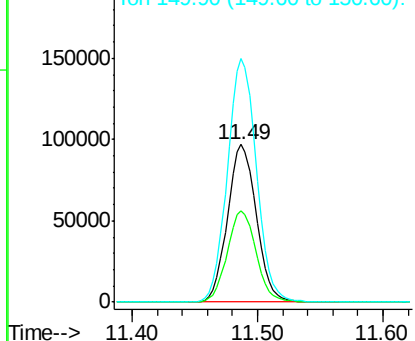


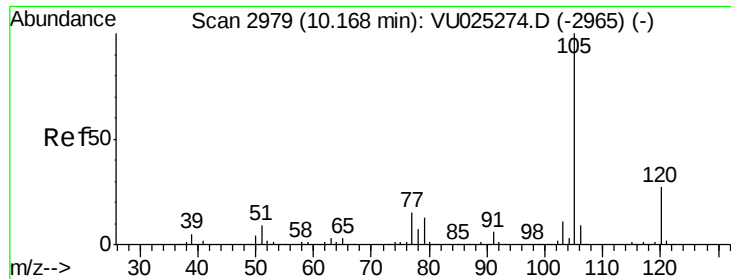
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU025300.D
Acq: 10 Jul 2018 19:44

Tgt Ion:152 Resp: 154886
Ion Ratio Lower Upper
152 100
115 57.9 40.1 120.3
150 155.1 0.0 351.4



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





#73

Isopropylbenzene

Concen: 5.06 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025300.D

Acq: 10 Jul 2018 19:44

Instrument :

MSVOA_U

ClientSampleId :

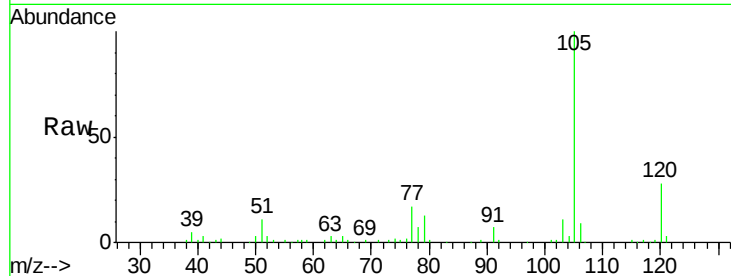
SS038MW013-180705

Tot Ion:105 Resp: 59897

Ion Ratio Lower Upper

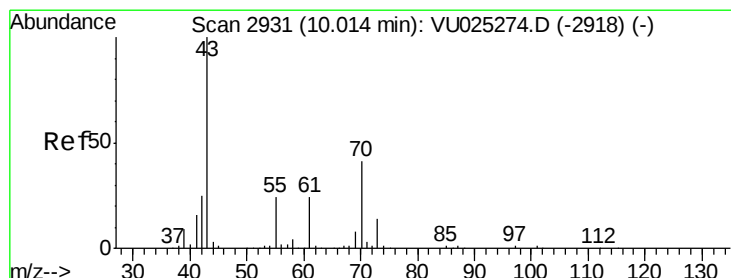
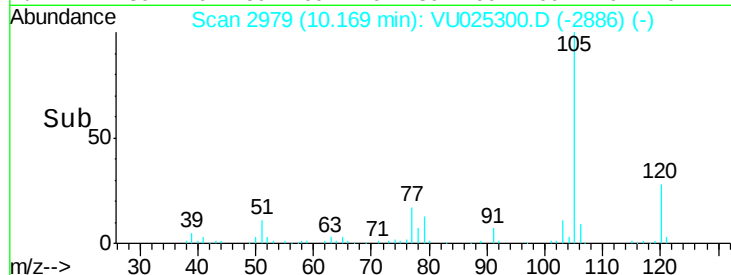
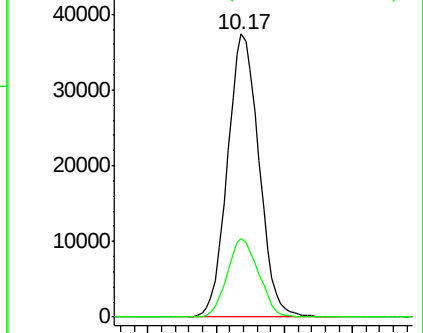
105 100

120 27.6 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 1.51 ug/l

RT: 10.07 min Scan# 2947

Delta R.T. 0.05 min

Lab File: VU025300.D

Acq: 10 Jul 2018 19:44

Tgt Ion: 43 Resp: 1210

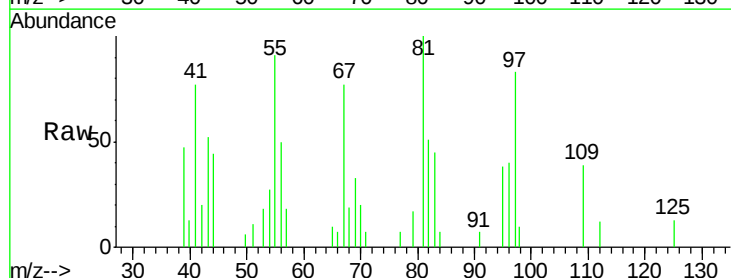
Ion Ratio Lower Upper

43 100

70 50.0 33.4 50.2

55 384.5 19.0 28.6#

61 0.0 19.3 28.9#

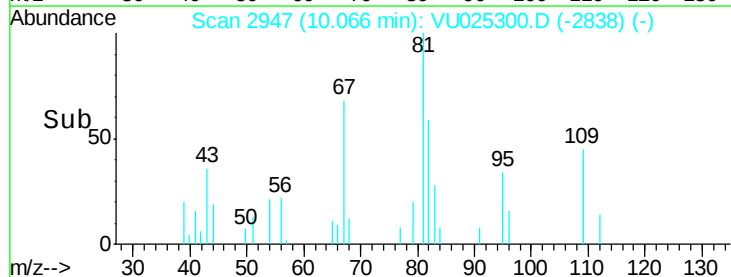
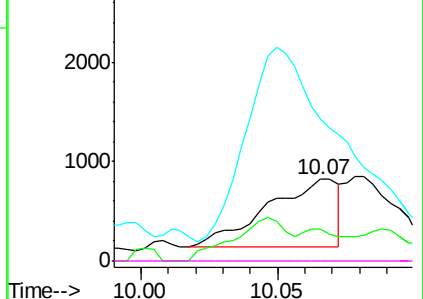


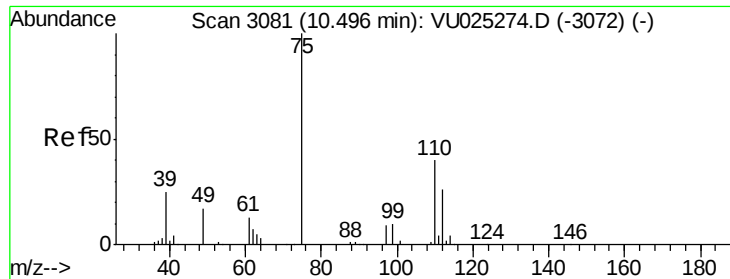
Abundance Ion 43.00 (42.70 to 43.70): VU0

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

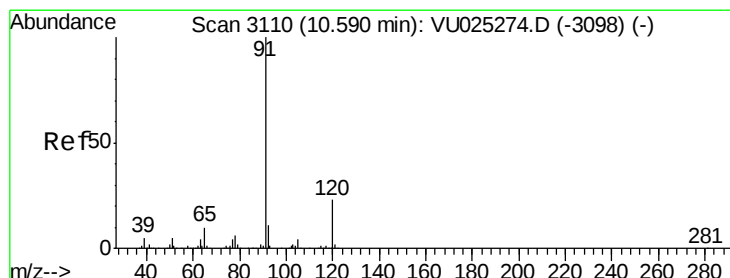
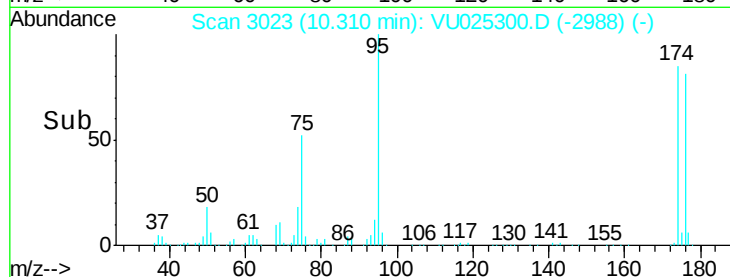
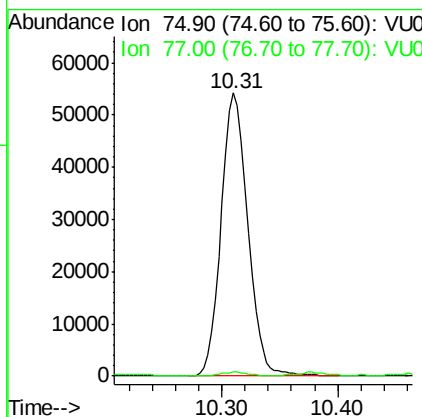
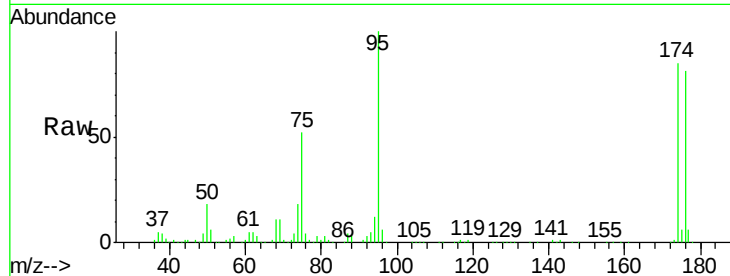




#76
 1,2,3-Trichloropropane
 Concen: 27.48 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. -0.19 min
 Lab File: VU025300.D
 Acq: 10 Jul 2018 19:44

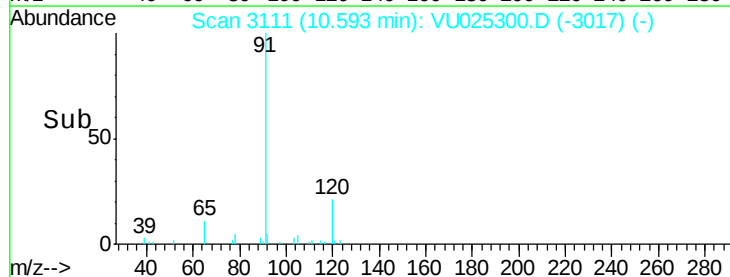
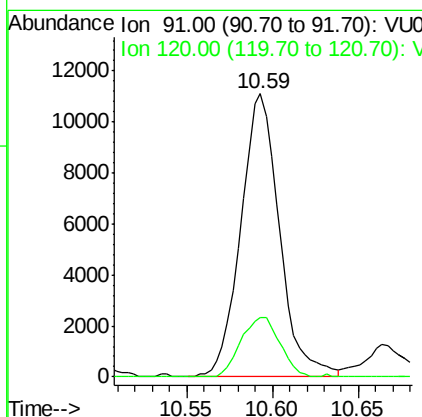
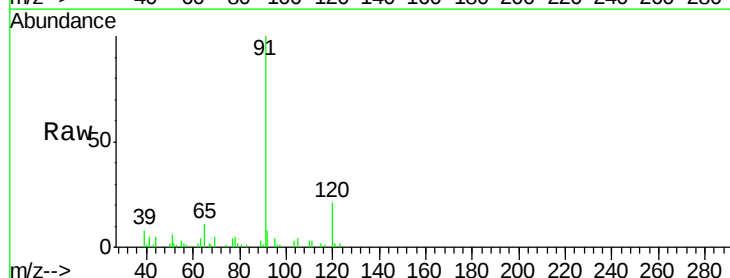
Instrument :
 MSVOA_U
 ClientSampleId :
 SS038MW013-180705

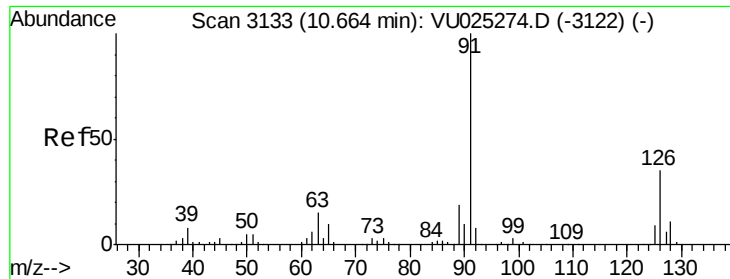
Tot Ion: 75 Resp: 86560
 Ion Ratio Lower Upper
 75 100
 77 1.7 20.4 61.3#



#78
 n-propylbenzene
 Concen: 1.32 ug/l
 RT: 10.59 min Scan# 3111
 Delta R.T. 0.00 min
 Lab File: VU025300.D
 Acq: 10 Jul 2018 19:44

Tgt Ion: 91 Resp: 17352
 Ion Ratio Lower Upper
 91 100
 120 21.1 11.8 35.3





#79

2-Chlorotoluene

Concen: 0.36 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025300.D

Acq: 10 Jul 2018 19:44

Instrument :

MSVOA_U

ClientSampleId :

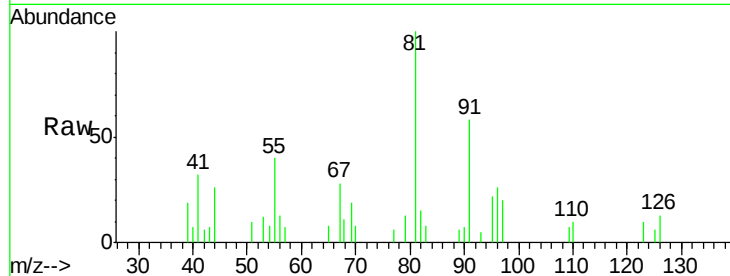
SS038MW013-180705

Tot Ion: 91 Resp: 1621

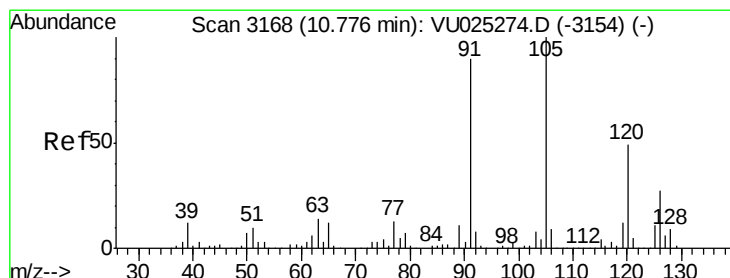
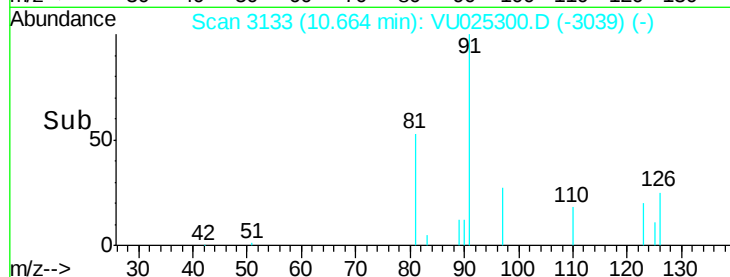
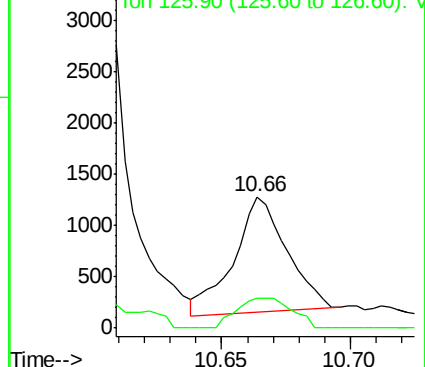
Ion Ratio Lower Upper

91 100

126 27.1 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VU025274.D (-3122) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.80 ug/l

RT: 10.98 min Scan# 3230

Delta R.T. 0.20 min

Lab File: VU025300.D

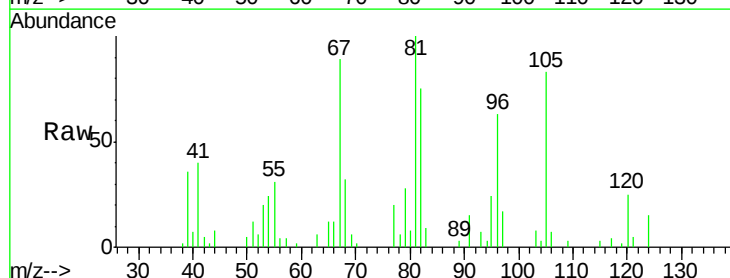
Acq: 10 Jul 2018 19:44

Tgt Ion: 105 Resp: 7928

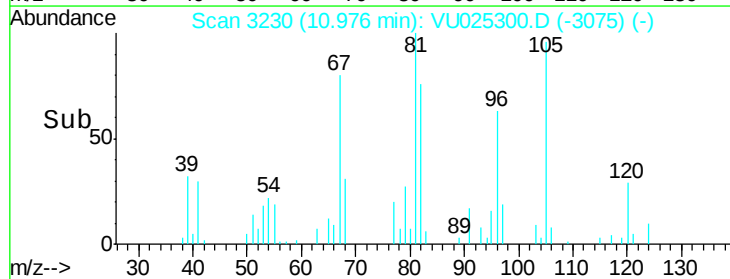
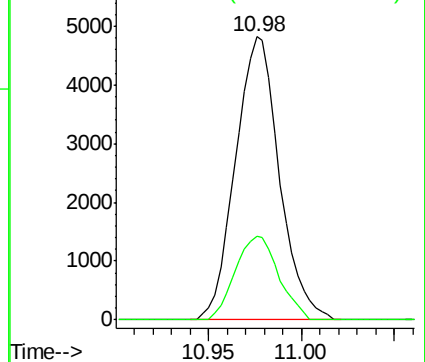
Ion Ratio Lower Upper

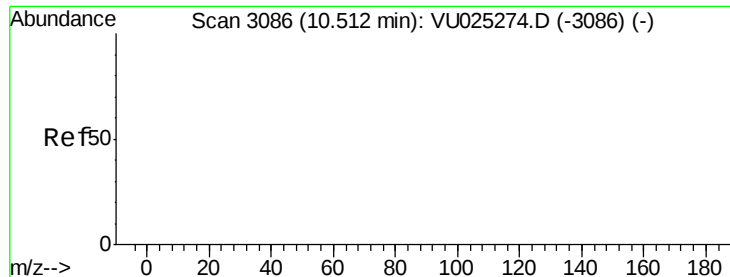
105 100

120 29.1 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VU025274.D (-3154) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 70.15 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.20 min

Lab File: VU025300.D

Acq: 10 Jul 2018 19:44

Instrument :

MSVOA_U

ClientSampleId :

SS038MW013-180705

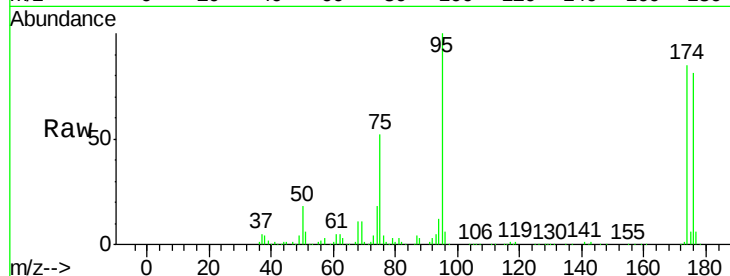
Tot Ion: 75 Resp: 86560

Ion Ratio Lower Upper

75 100

53 0.3 0.0 0.0#

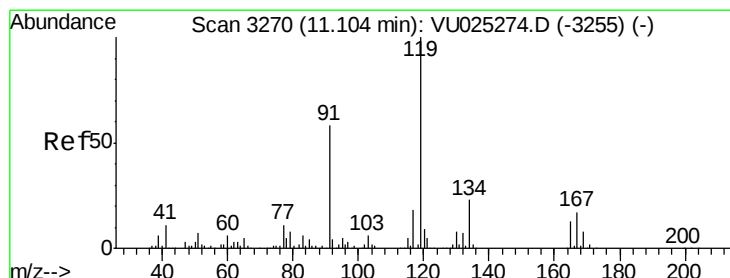
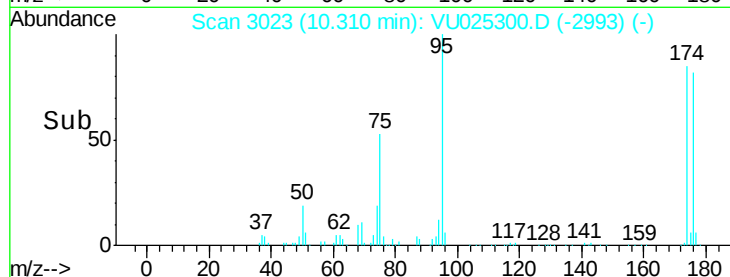
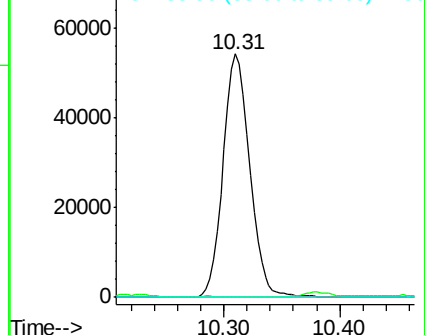
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU025300.D (-2993) (-)

Ion 53.00 (52.70 to 53.70): VU025300.D (-2993) (-)

Ion 88.90 (88.60 to 89.60): VU025300.D (-2993) (-)



#83

tert-Butylbenzene

Concen: 4.06 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. 0.00 min

Lab File: VU025300.D

Acq: 10 Jul 2018 19:44

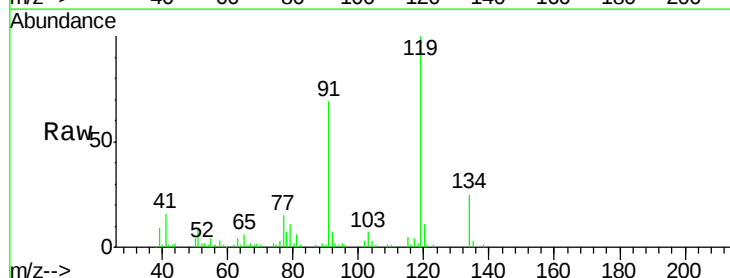
Tgt Ion: 119 Resp: 40807

Ion Ratio Lower Upper

119 100

91 71.4 29.7 89.1

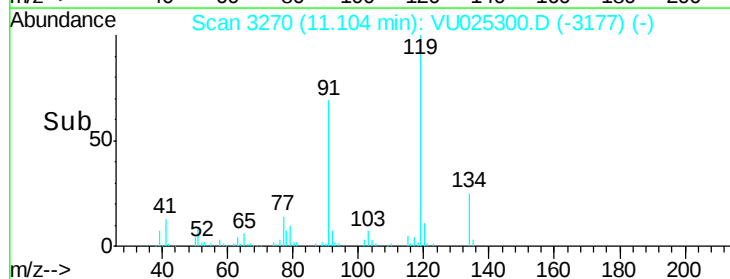
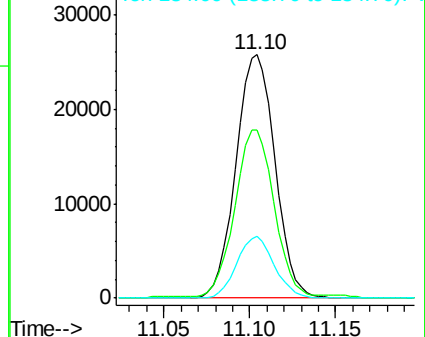
134 24.3 11.5 34.5

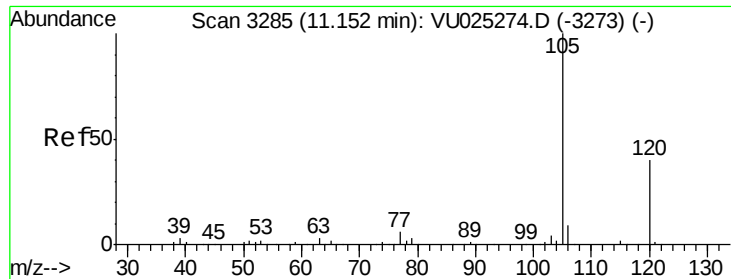


Abundance Ion 119.00 (118.70 to 119.70): VU025300.D (-3177) (-)

Ion 91.00 (90.70 to 91.70): VU025300.D (-3177) (-)

Ion 134.00 (133.70 to 134.70): VU025300.D (-3177) (-)

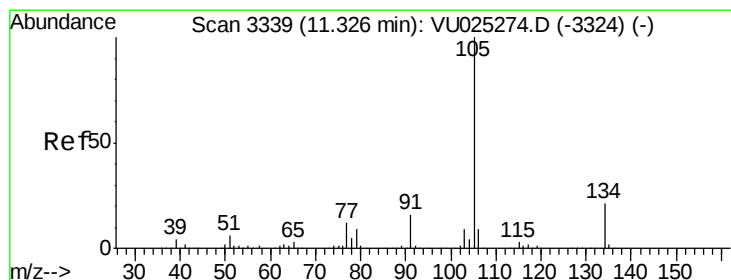
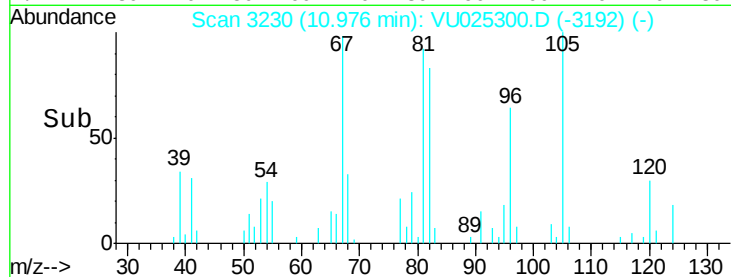
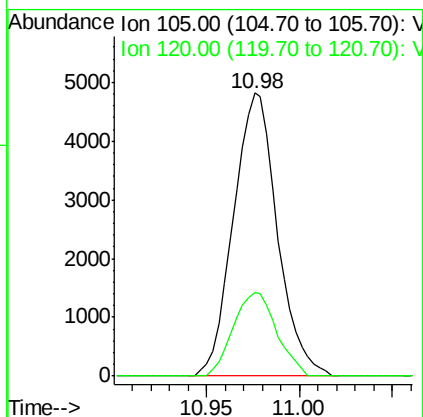
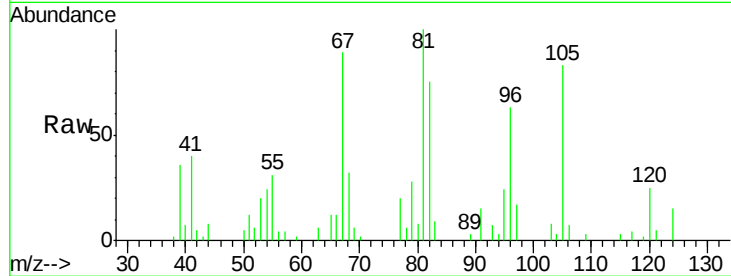




#84
 1,2,4-Trimethylbenzene
 Concen: 0.78 ug/l
 RT: 10.98 min Scan# 3230
 Delta R.T. -0.18 min
 Lab File: VU025300.D
 Acq: 10 Jul 2018 19:44

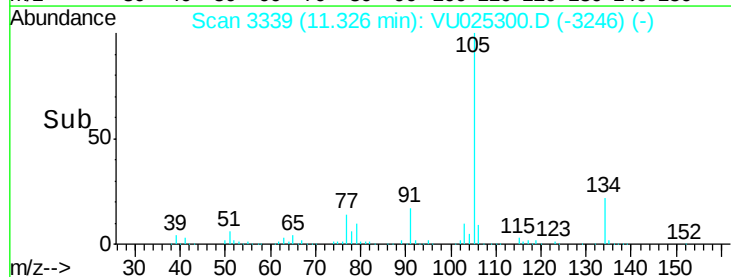
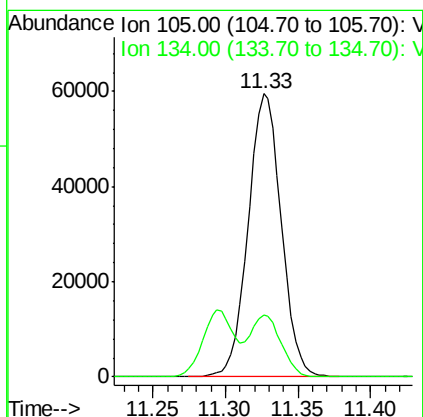
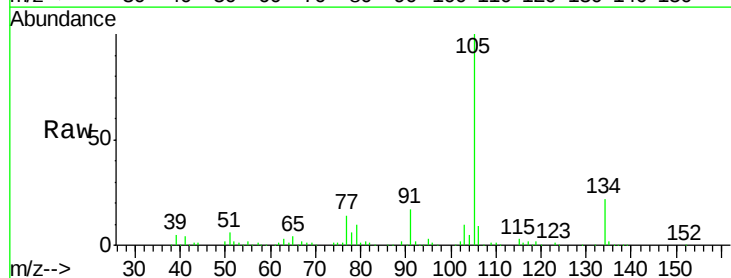
Instrument :
 MSVOA_U
 ClientSampleId :
 SS038MW013-180705

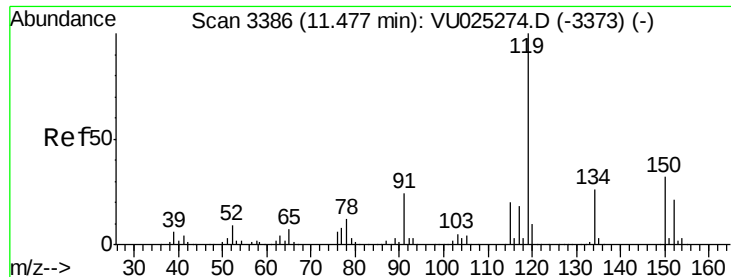
Tot Ion:105 Resp: 7928
 Ion Ratio Lower Upper
 105 100
 120 29.1 22.3 66.8



#85
 sec-Butylbenzene
 Concen: 7.99 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VU025300.D
 Acq: 10 Jul 2018 19:44

Tgt Ion:105 Resp: 94653
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.3 30.8

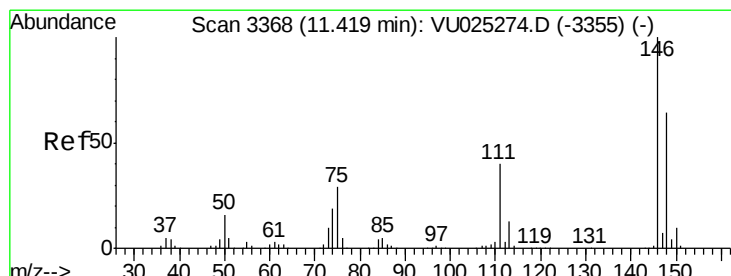
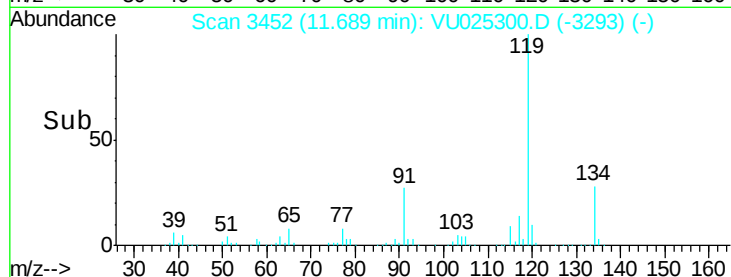
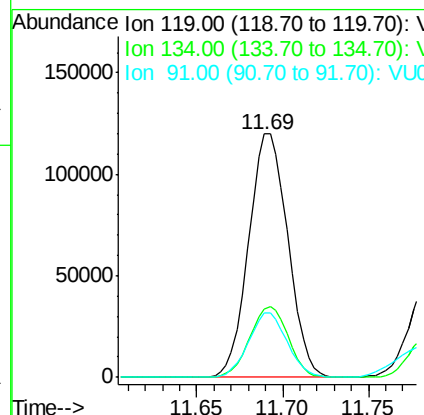
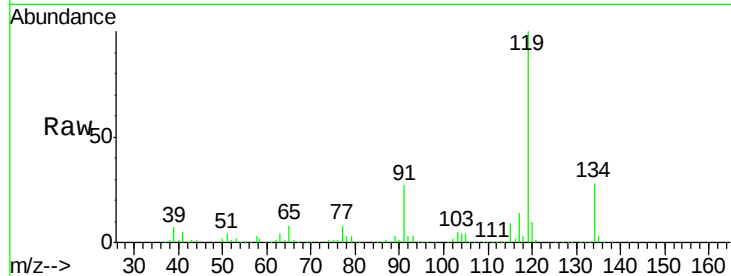




#86
 p-Isopropyltoluene
 Concen: 18.08 ug/l
 RT: 11.69 min Scan# 3452
 Delta R.T. 0.21 min
 Lab File: VU025300.D
 Acq: 10 Jul 2018 19:44

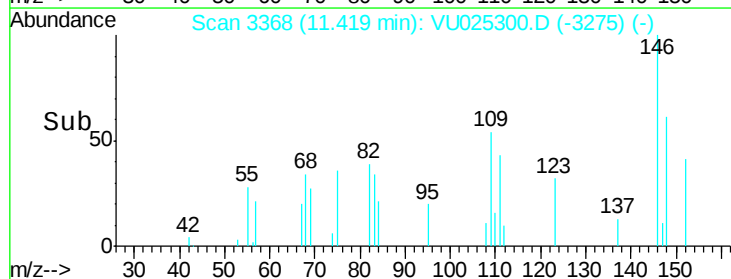
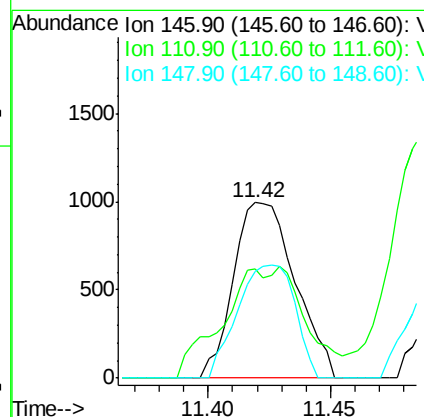
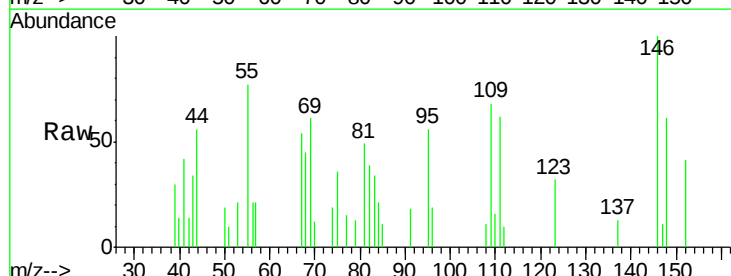
Instrument :
 MSVOA_U
 ClientSampleId :
 SS038MW013-180705

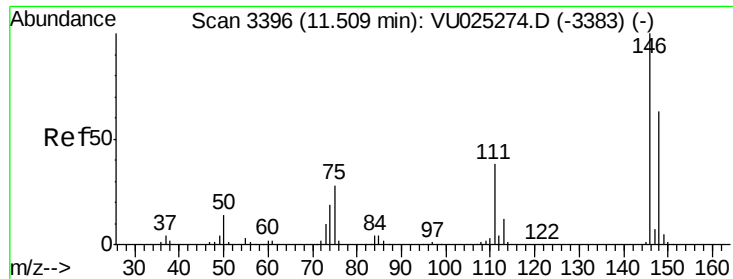
Tot Ion:119 Resp: 189674
 Ion Ratio Lower Upper
 119 100
 134 28.6 13.2 39.5
 91 26.0 12.0 36.1



#87
 1,3-Dichlorobenzene
 Concen: 0.31 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU025300.D
 Acq: 10 Jul 2018 19:44

Tgt Ion:146 Resp: 1741
 Ion Ratio Lower Upper
 146 100
 111 44.8 19.7 59.1
 148 60.5 32.1 96.3

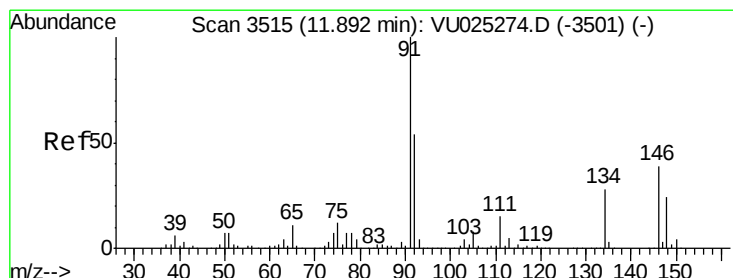
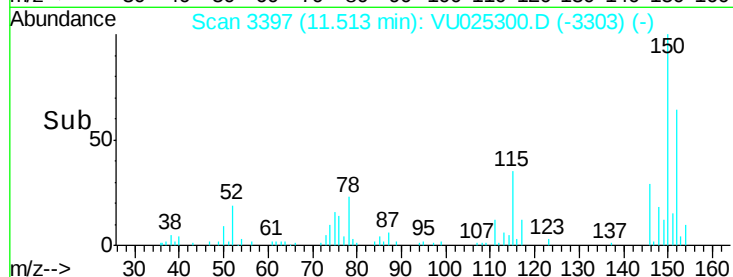
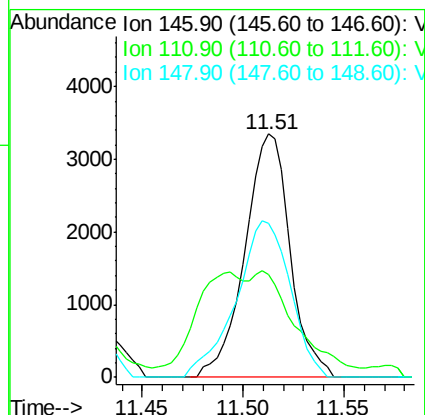
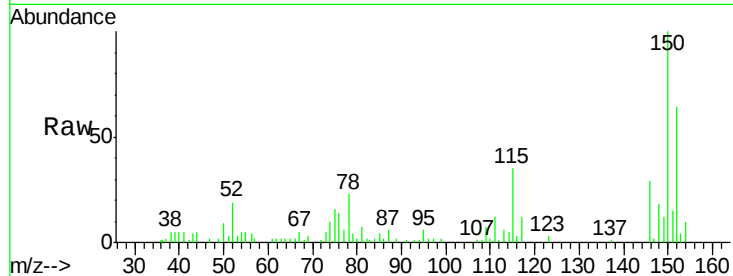




#88
 1,4-Dichlorobenzene
 Concen: 2.43 ug/l
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU025300.D
 Acq: 10 Jul 2018 19:44

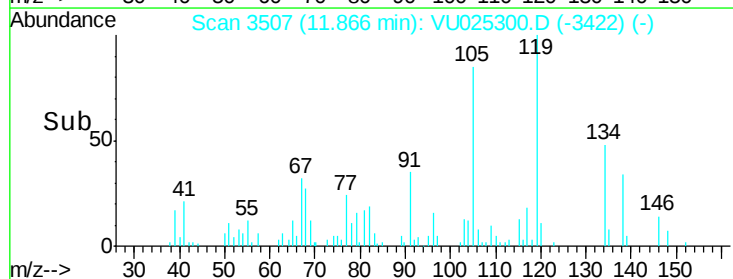
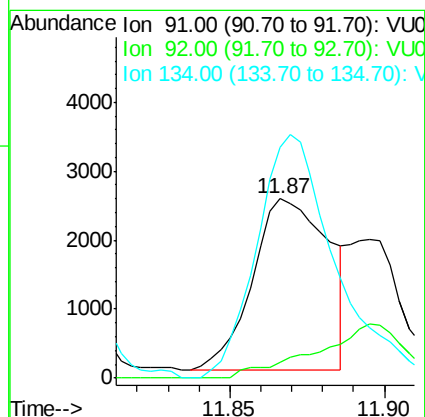
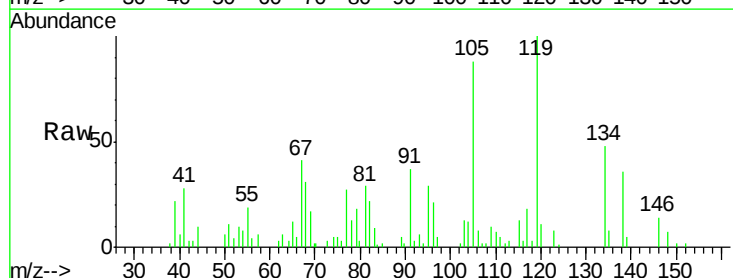
Instrument :
 MSVOA_U
 ClientSampleId :
 SS038MW013-180705

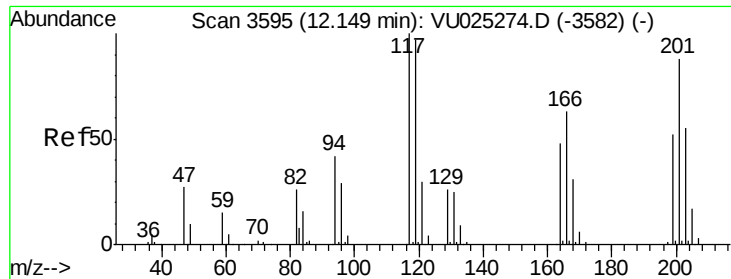
Tot Ion:146 Resp: 5257
 Ion Ratio Lower Upper
 146 100
 111 42.6 19.4 58.1
 148 76.5 31.7 95.1



#89
 n-Butylbenzene
 Concen: 0.49 ug/l
 RT: 11.87 min Scan# 3507
 Delta R.T. -0.03 min
 Lab File: VU025300.D
 Acq: 10 Jul 2018 19:44

Tgt Ion: 91 Resp: 4267
 Ion Ratio Lower Upper
 91 100
 92 0.0 26.5 79.5#
 134 144.9 13.6 40.7#

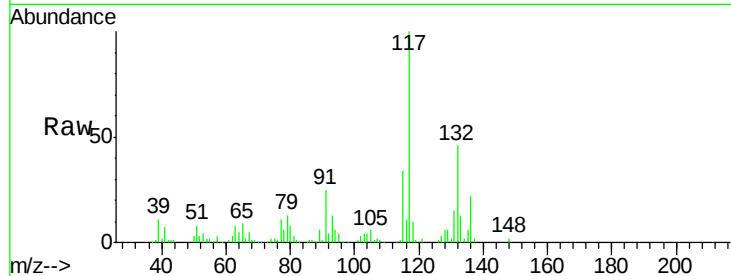




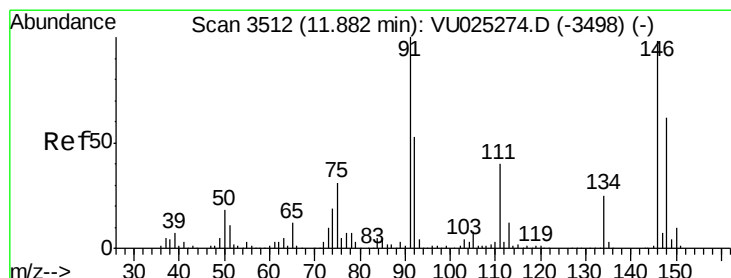
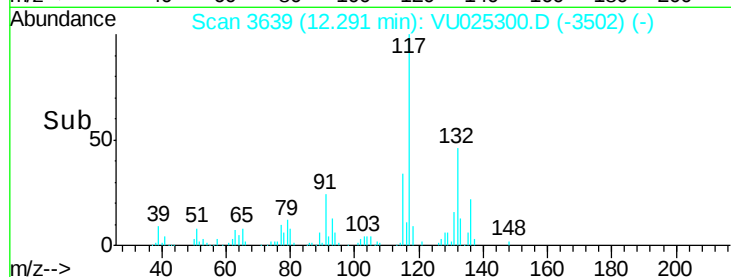
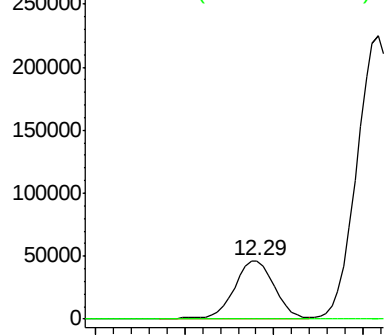
#90
Hexachloroethane
Concen: 40.61 ug/l
RT: 12.29 min Scan# 3639
Delta R.T. 0.14 min
Lab File: VU025300.D
Acq: 10 Jul 2018 19:44

Instrument :
MSVOA_U
ClientSampleId :
SS038MW013-180705

Tot Ion:117 Resp: 72140
Ion Ratio Lower Upper
117 100
201 0.0 42.5 127.6#

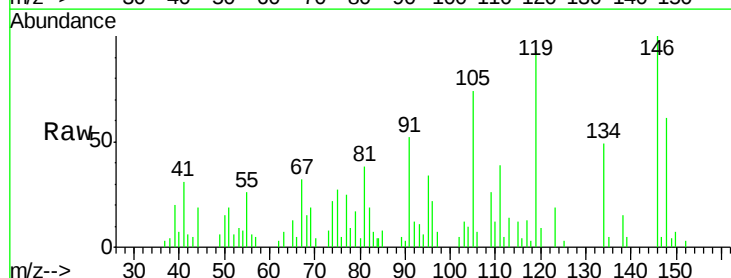


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

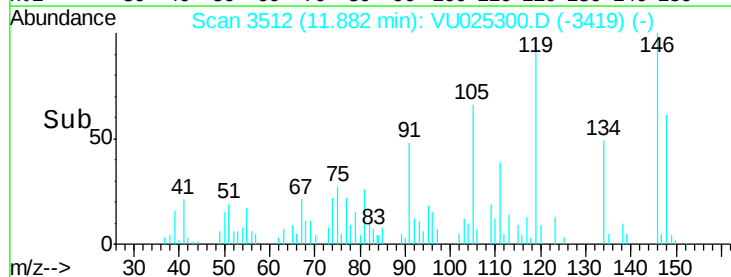
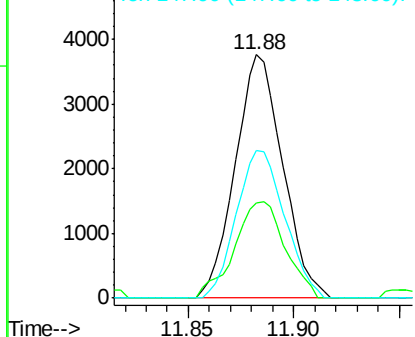


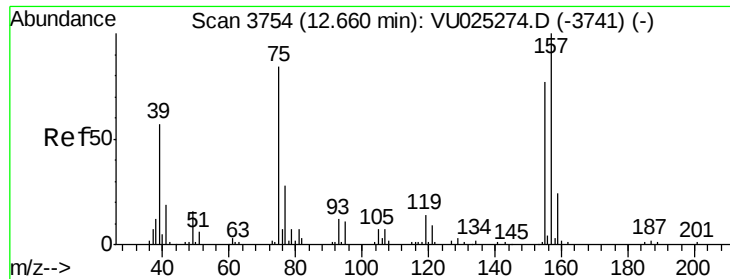
#91
1,2-Dichlorobenzene
Concen: 1.05 ug/l
RT: 11.88 min Scan# 3512
Delta R.T. 0.00 min
Lab File: VU025300.D
Acq: 10 Jul 2018 19:44

Tgt Ion:146 Resp: 5888
Ion Ratio Lower Upper
146 100
111 42.2 20.6 61.8
148 61.5 31.5 94.5



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





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.27 ug/l

RT: 12.62 min Scan# 3741

Delta R.T. -0.04 min

Lab File: VU025300.D

Acq: 10 Jul 2018 19:44

Instrument :

MSVOA_U

ClientSampleId :

SS038MW013-180705

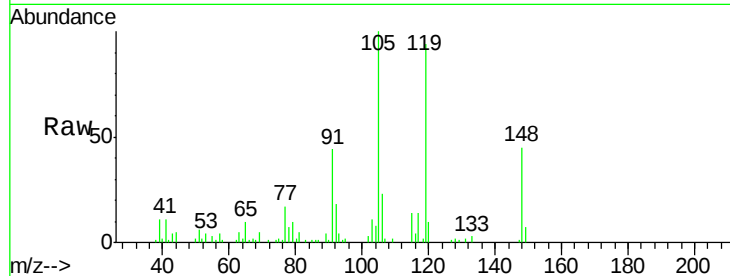
Tot Ion: 75 Resp: 256

Ion Ratio Lower Upper

75 100

155 0.0 44.5 133.3#

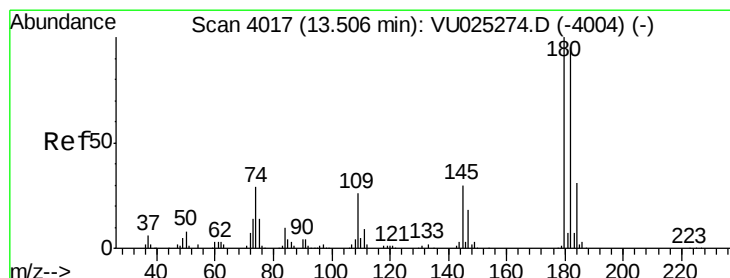
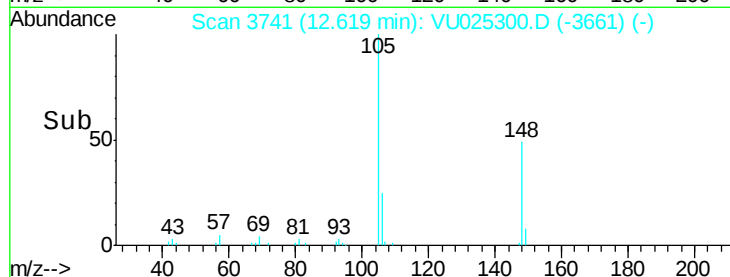
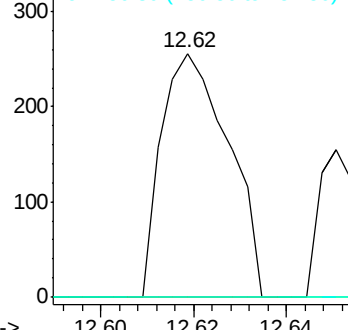
157 0.0 57.0 170.8#



Abundance Ion 74.90 (74.60 to 75.60): VU

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 3.30 ug/l

RT: 13.51 min Scan# 4017

Delta R.T. 0.00 min

Lab File: VU025300.D

Acq: 10 Jul 2018 19:44

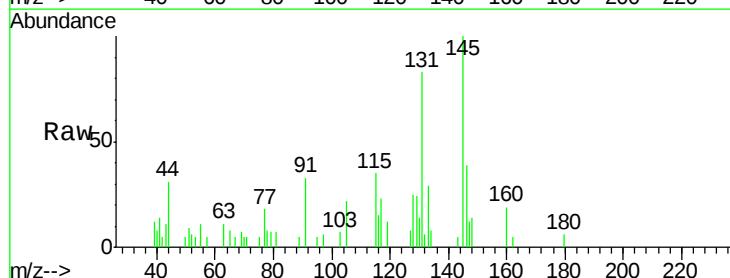
Tgt Ion: 180 Resp: 67

Ion Ratio Lower Upper

180 100

182 0.0 47.3 141.9#

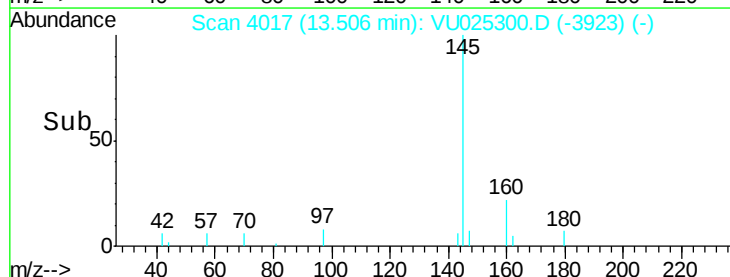
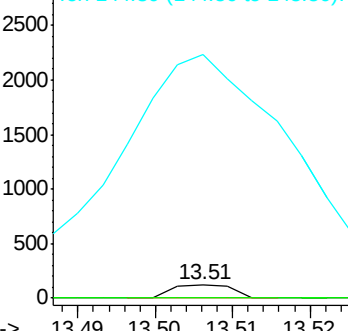
145 4528.4 14.9 44.7#

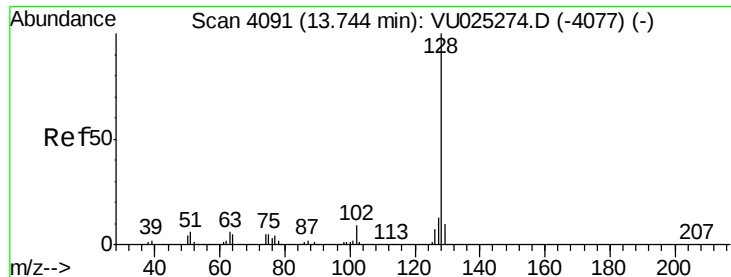


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 2.53 ug/l

RT: 13.74 min Scan# 4089

Delta R.T. -0.01 min

Lab File: VU025300.D

Acq: 10 Jul 2018 19:44

Instrument :

MSVOA_U

ClientSampleId :

SS038MW013-180705

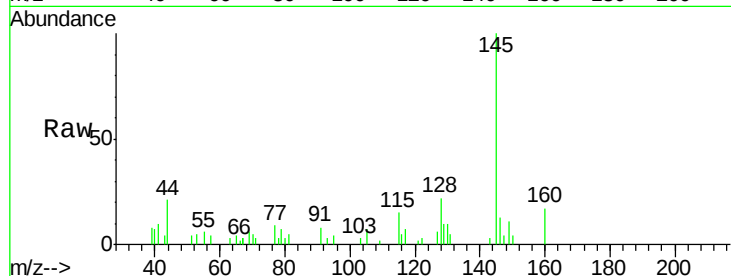
Tot Ion:128 Resp: 1376

Ion Ratio Lower Upper

128 100

127 14.5 10.5 15.7

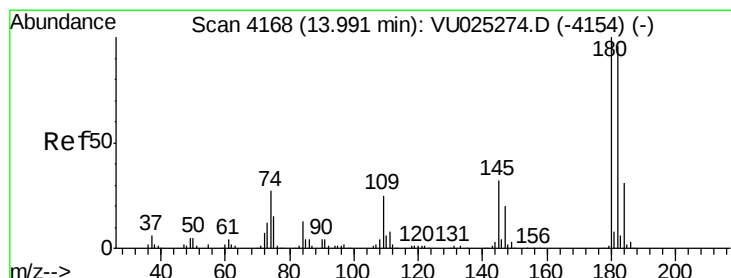
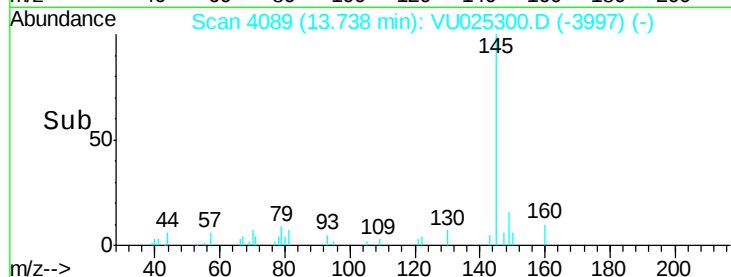
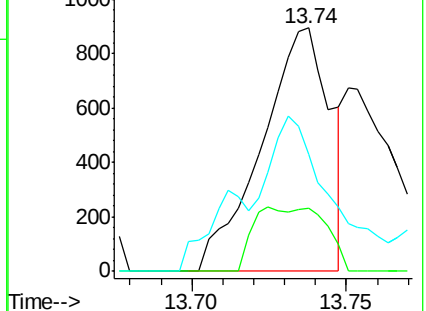
129 45.3 8.3 12.5#



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



#96

1,2,3-Trichlorobenzene

Concen: 2.53 ug/l

RT: 14.00 min Scan# 4170

Delta R.T. 0.01 min

Lab File: VU025300.D

Acq: 10 Jul 2018 19:44

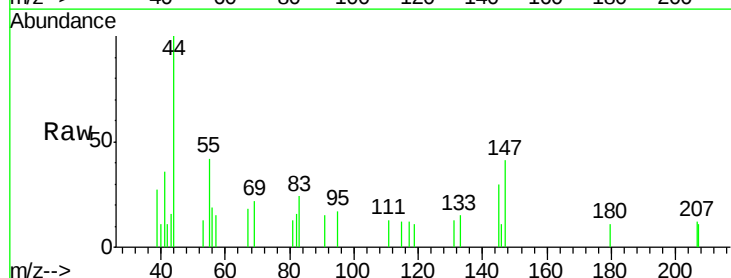
Tgt Ion:180 Resp: 20

Ion Ratio Lower Upper

180 100

182 100.0 47.8 143.3

145 0.0 15.6 46.8#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

