

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071118\
 Data File : VU025311.D
 Acq On : 11 Jul 2018 13:49
 Operator : MD/SY
 Sample : J3898--12DL 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SS038MW009-180705DL

Quant Time: Jul 12 03:10:32 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	4.98	168	195326	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	297019	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	287194	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	164634	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	146044	48.13	ug/l	0.00
Spiked Amount			Recovery	=	96.26%	
35) Dibromofluoromethane	4.89	113	114301	45.62	ug/l	0.00
Spiked Amount			Recovery	=	91.24%	
50) Toluene-d8	7.57	98	425498	49.59	ug/l	0.00
Spiked Amount			Recovery	=	99.18%	
62) 4-Bromofluorobenzene	10.31	95	173692	50.28	ug/l	0.00
Spiked Amount			Recovery	=	100.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	701	0.91	ug/l #	72
5) Bromomethane	1.61	94	945	Below Cal	#	75
6) Chloroethane	1.69	64	117	0.37	ug/l #	43
10) Methyl Iodide	2.41	142	867	8.01	ug/l #	84
11) Tert butyl alcohol	2.84	59	2178	3.29	ug/l #	78
13) Acrolein	2.20	56	91	0.21	ug/l #	1
16) Acetone	2.32	43	6693	9.11	ug/l	98
17) Carbon Disulfide	2.47	76	1332	2.15	ug/l #	74
20) Methylene Chloride	2.70	84	8791	4.38	ug/l	91
29) Tetrahydrofuran	4.65	42	797	0.63	ug/l #	74
31) Cyclohexane	4.98	56	3966	1.76	ug/l #	7
36) 1,1-Dichloropropene	4.98	75	14192	4.30	ug/l #	49
38) Carbon Tetrachloride	4.98	117	18587	5.23	ug/l #	16
40) Benzene	5.39	78	8172	0.86	ug/l	94
41) Methacrylonitrile	4.66	41	614	0.30	ug/l #	24
51) 4-Methyl-2-Pentanone	7.47	43	890	0.23	ug/l #	63
65) Chlorobenzene	9.12	112	304927	42.50	ug/l	99
73) Isopropylbenzene	10.17	105	12637	1.00	ug/l	100
74) N-amyl acetate	10.03	43	943	1.45	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	90323	26.99	ug/l #	36
78) n-propylbenzene	10.59	91	12712	0.91	ug/l	95
79) 2-Chlorotoluene	10.78	91	1093	0.28	ug/l	78
81) trans-1,4-Dichloro-2-buten	10.31	75	90323	68.86	ug/l #	100
83) tert-Butylbenzene	11.10	119	7796	0.73	ug/l	91
85) sec-Butylbenzene	11.33	105	12940	1.03	ug/l	95
86) p-Isopropyltoluene	11.69	119	28531	2.56	ug/l	96
88) 1,4-Dichlorobenzene	11.51	146	1277	1.70	ug/l #	1
89) n-Butylbenzene	11.89	91	4741	0.52	ug/l	82
90) Hexachloroethane	12.26	117	3609	1.91	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	12.65	75	411	0.41	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.51	180	2028	3.76	ug/l #	71
95) Naphthalene	13.75	128	14314	3.54	ug/l	96
96) 1,2,3-Trichlorobenzene	13.99	180	2748	3.18	ug/l #	84

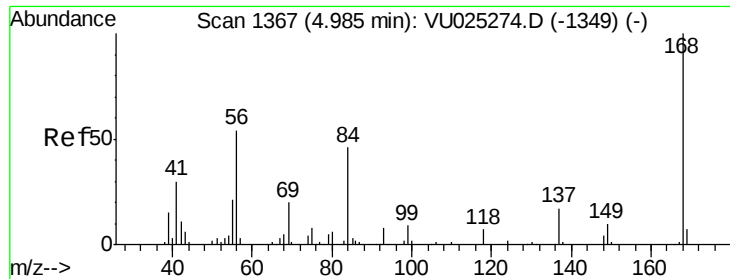
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071118\
Data File : VU025311.D
Acq On : 11 Jul 2018 13:49
Operator : MD/SY
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Quant Time: Jul 12 03:10:32 2018
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070918W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 10 09:34:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.98 min Scan# 1366

Delta R.T. -0.00 min

Lab File: VU025311.D

Acq: 11 Jul 2018 13:49

Instrument :

MSVOA_U

ClientSampleId :

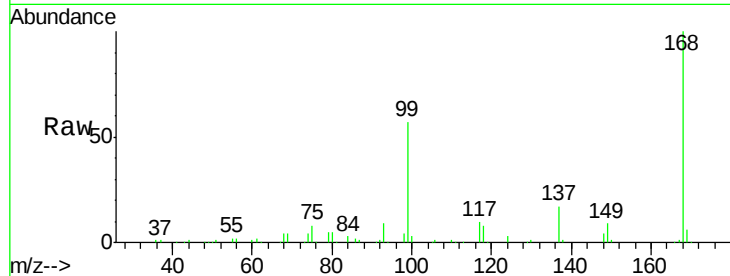
SS038MW009-180705DL

Tot Ion:168 Resp: 195326

Ion Ratio Lower Upper

168 100

99 57.1 42.8 64.2



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

Ion 98.90 (98.60 to 99.60): VU025274.D (-1349) (-)

4.98

80000

60000

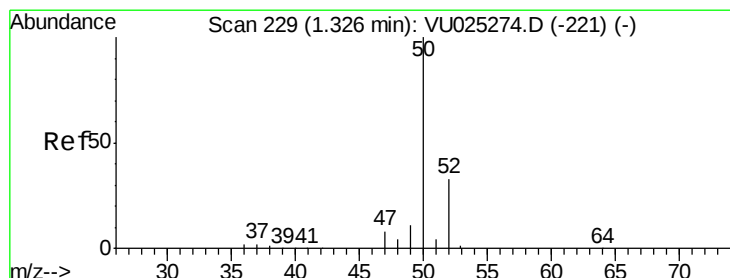
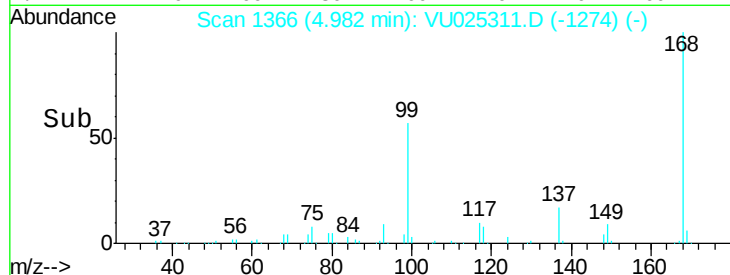
40000

20000

0

Time-->

4.90 4.95 5.00 5.05



#3

Chloromethane

Concen: 0.91 ug/l

RT: 1.33 min Scan# 229

Delta R.T. 0.00 min

Lab File: VU025311.D

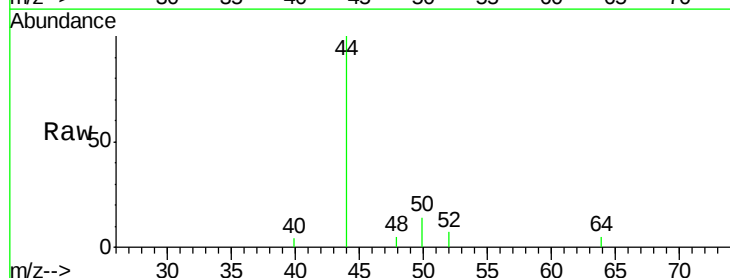
Acq: 11 Jul 2018 13:49

Tgt Ion: 50 Resp: 701

Ion Ratio Lower Upper

50 100

52 48.9 26.5 39.7#



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

Ion 51.90 (51.60 to 52.60): VU025274.D (-221) (-)

1.33

600

500

400

300

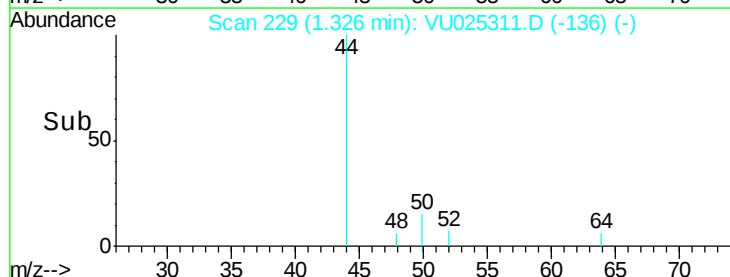
200

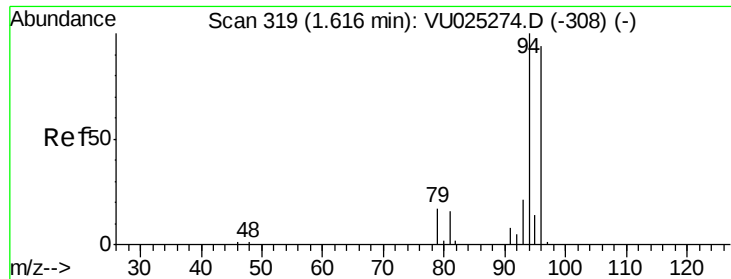
100

0

Time-->

1.30 1.32 1.34 1.36





#5

Bromomethane

Concen: Below Cal

RT: 1.61 min Scan# 316

Delta R.T. -0.01 min

Lab File: VU025311.D

Acq: 11 Jul 2018 13:49

Instrument :

MSVOA_U

ClientSampleId :

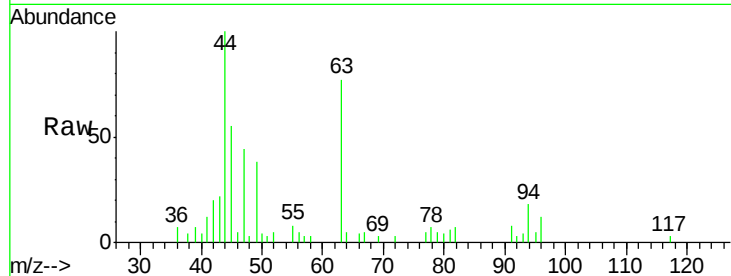
SS038MW009-180705DL

Tot Ion: 94 Resp: 945

Ion Ratio Lower Upper

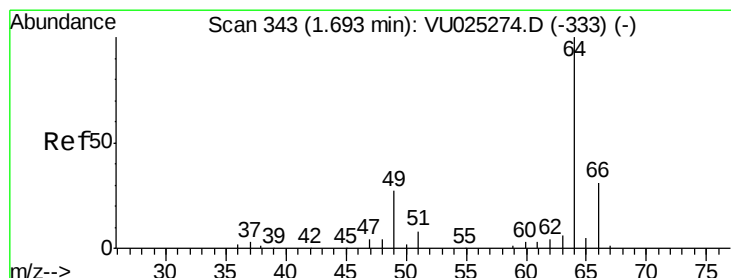
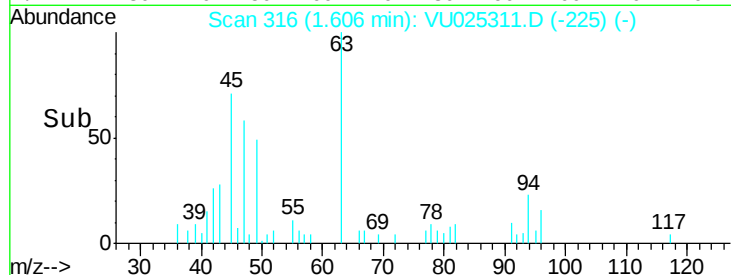
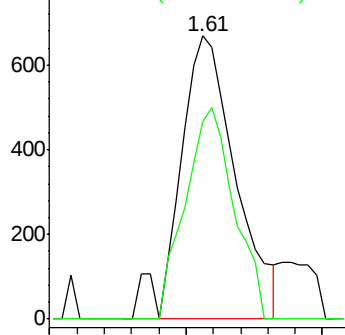
94 100

96 69.9 75.0 112.4#



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 0.37 ug/l

RT: 1.69 min Scan# 341

Delta R.T. -0.01 min

Lab File: VU025311.D

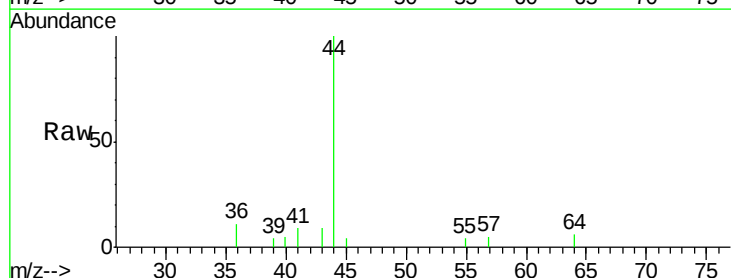
Acq: 11 Jul 2018 13:49

Tgt Ion: 64 Resp: 117

Ion Ratio Lower Upper

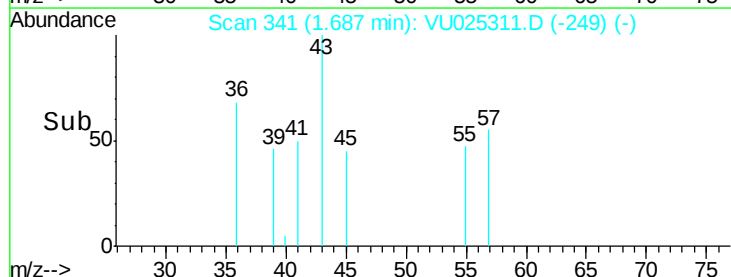
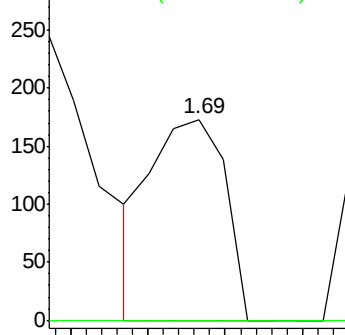
64 100

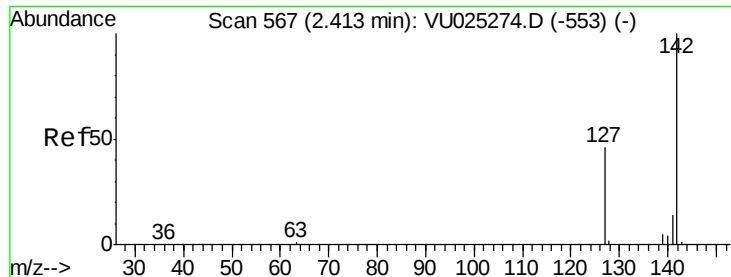
66 0.0 25.0 37.4#



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0

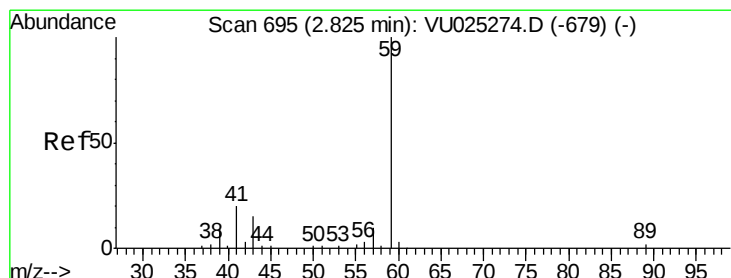
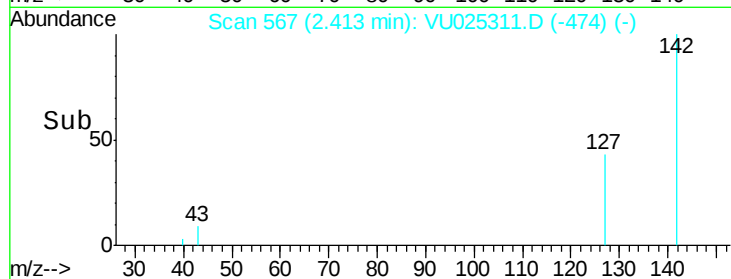
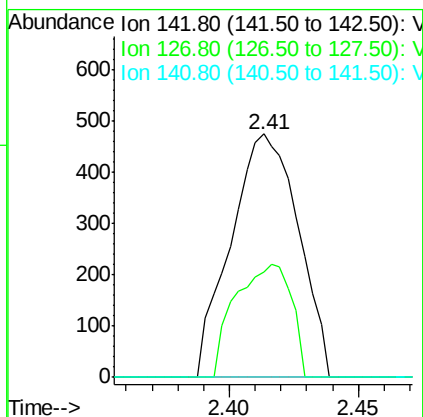
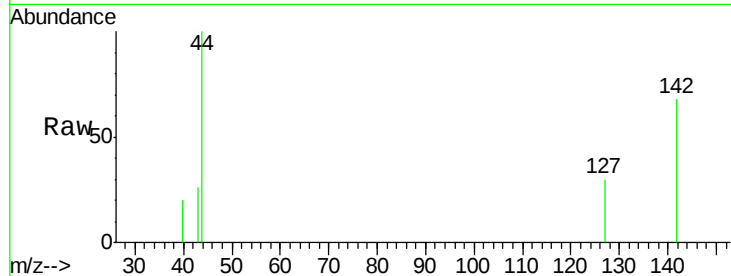




#10
Methvl Iodide
Concen: 8.01 ug/l
RT: 2.41 min Scan# 567
Delta R.T. 0.00 min
Lab File: VU025311.D
Acq: 11 Jul 2018 13:49

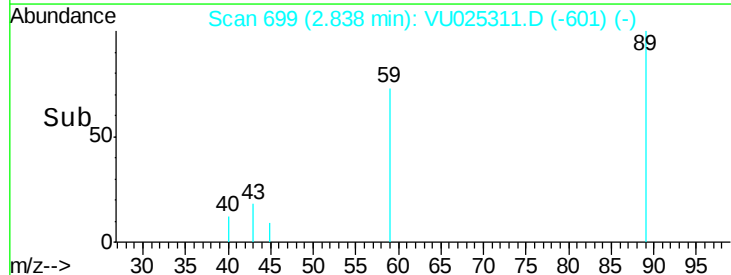
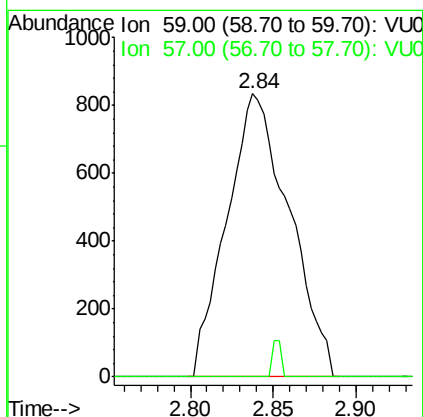
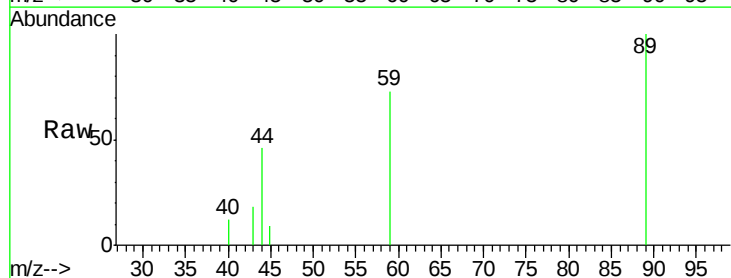
Instrument :
MSVOA_U
ClientSampleId :
SS038MW009-180705DL

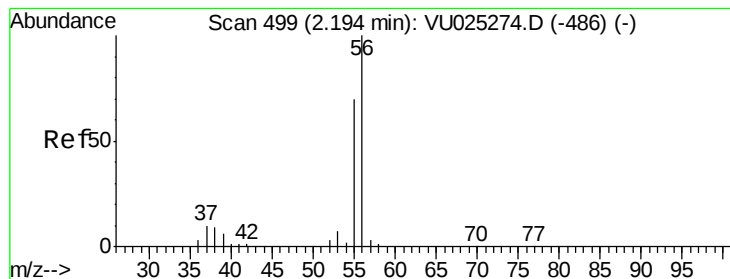
Tot Ion:142 Resp: 867
Ion Ratio Lower Upper
142 100
127 38.6 36.5 54.7
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 3.29 ug/l
RT: 2.84 min Scan# 699
Delta R.T. 0.01 min
Lab File: VU025311.D
Acq: 11 Jul 2018 13:49

Tgt Ion: 59 Resp: 2178
Ion Ratio Lower Upper
59 100
57 1.9 8.2 12.2#





#13

Acrolein

Concen: 0.21 ug/l

RT: 2.20 min Scan# 500

Delta R.T. 0.00 min

Lab File: VU025311.D

Acq: 11 Jul 2018 13:49

Instrument :

MSVOA_U

ClientSampleId :

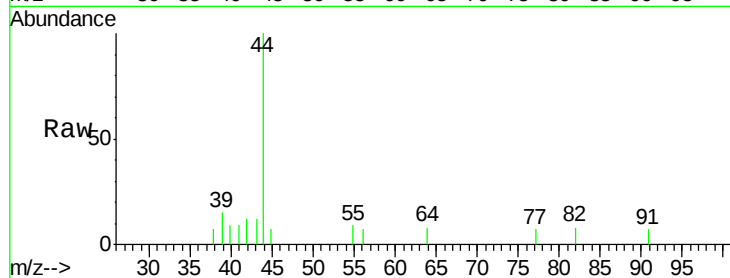
SS038MW009-180705DL

Tot Ion: 56 Resp: 91

Ion Ratio Lower Upper

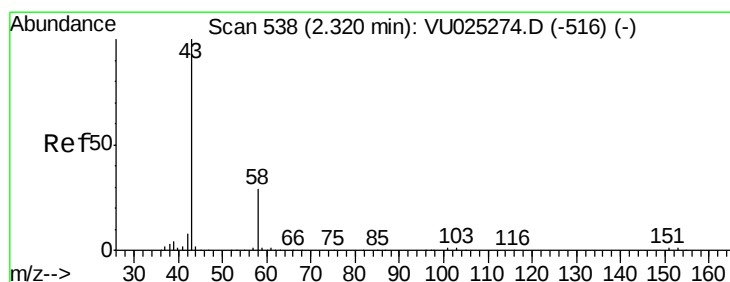
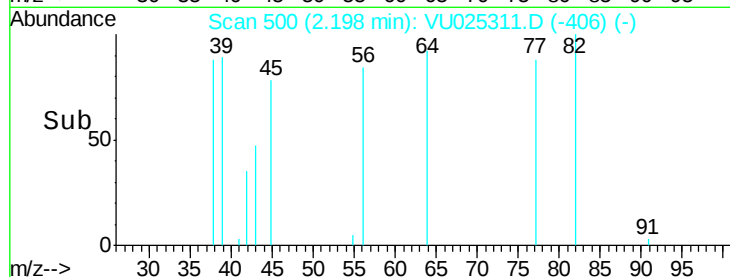
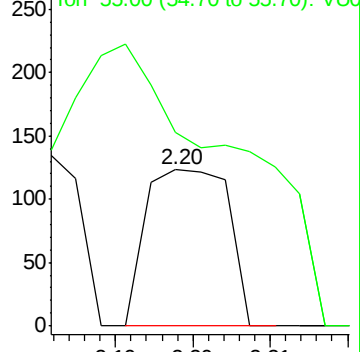
56 100

55 467.0 57.2 85.8#



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



#16

Acetone

Concen: 9.11 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025311.D

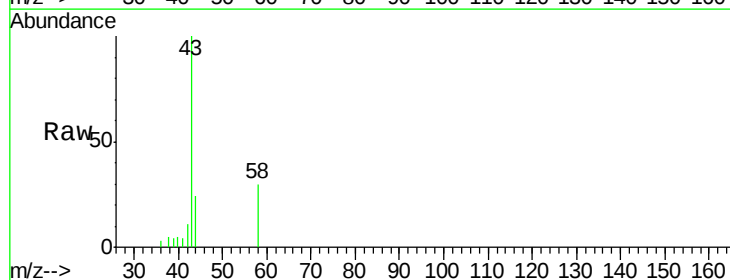
Acq: 11 Jul 2018 13:49

Tgt Ion: 43 Resp: 6693

Ion Ratio Lower Upper

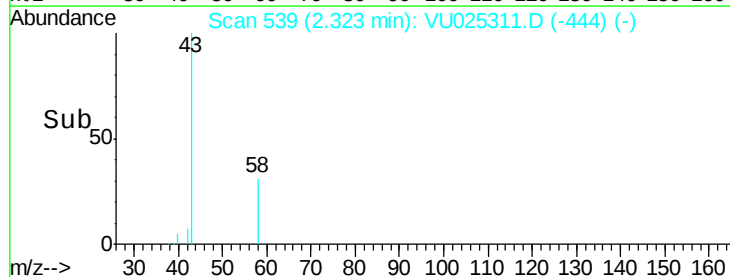
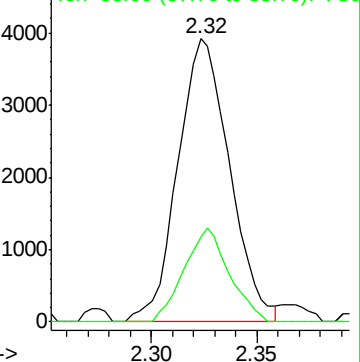
43 100

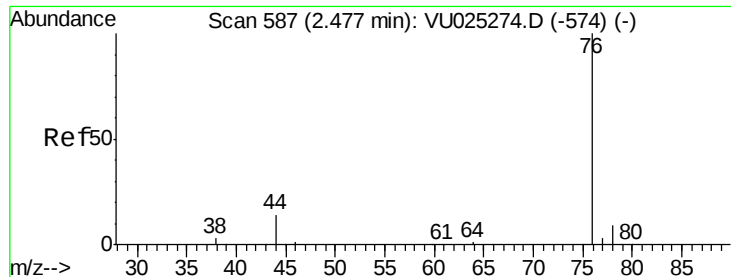
58 30.1 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#17

Carbon Disulfide

Concen: 2.15 ug/l

RT: 2.47 min Scan# 586

Delta R.T. -0.00 min

Lab File: VU025311.D

Acq: 11 Jul 2018 13:49

Instrument :

MSVOA_U

ClientSampleId :

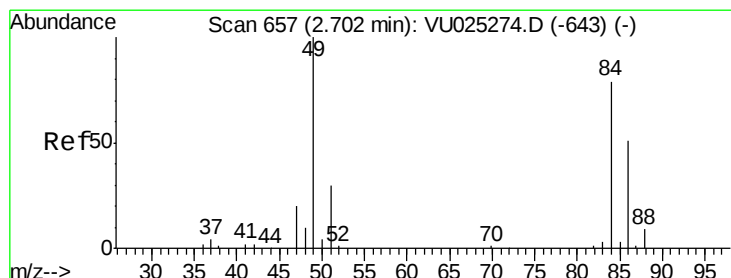
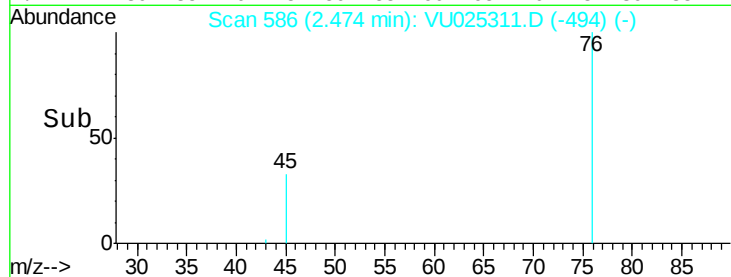
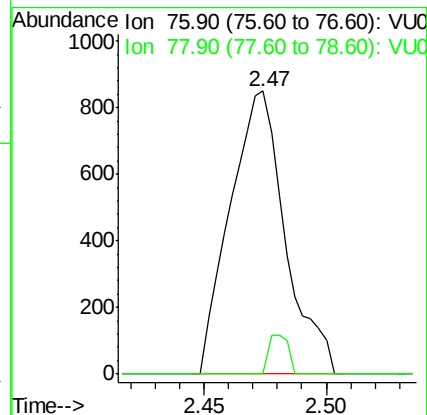
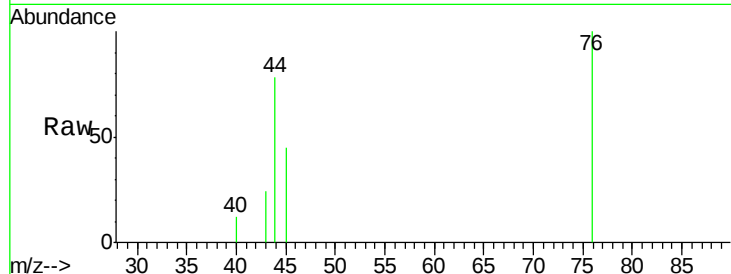
SS038MW009-180705DL

Tot Ion: 76 Resp: 1332

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.2#



#20

Methylene Chloride

Concen: 4.38 ug/l

RT: 2.70 min Scan# 655

Delta R.T. -0.01 min

Lab File: VU025311.D

Acq: 11 Jul 2018 13:49

Tgt Ion: 84 Resp: 8791

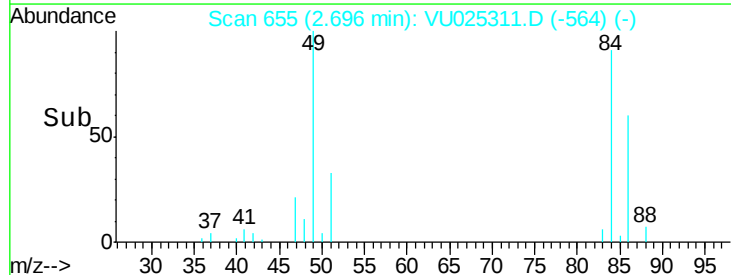
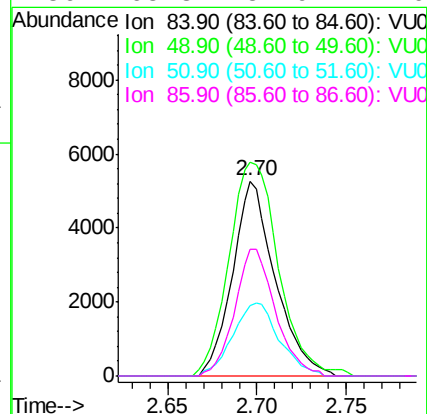
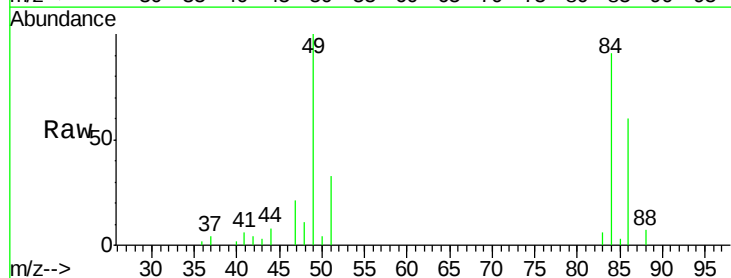
Ion Ratio Lower Upper

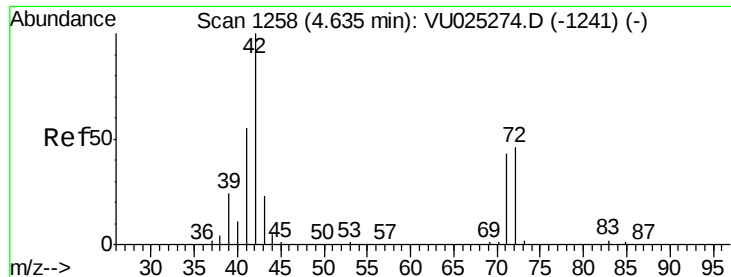
84 100

49 109.6 101.8 152.6

51 36.2 30.8 46.2

86 65.3 51.9 77.9





#29

Tetrahydrofuran

Concen: 0.63 ug/l

RT: 4.65 min Scan# 1262

Delta R.T. 0.01 min

Lab File: VU025311.D

Acq: 11 Jul 2018 13:49

Instrument :

MSVOA_U

ClientSampleId :

SS038MW009-180705DL

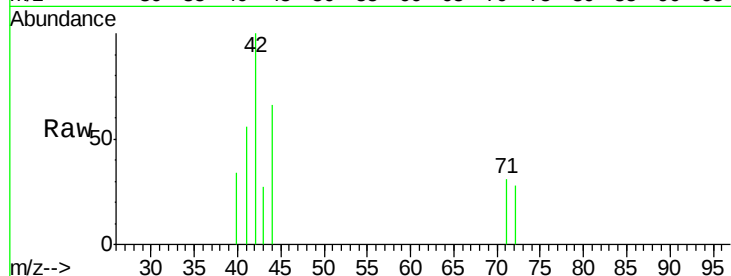
Tot Ion: 42 Resp: 797

Ion Ratio Lower Upper

42 100

72 23.6 36.7 55.1#

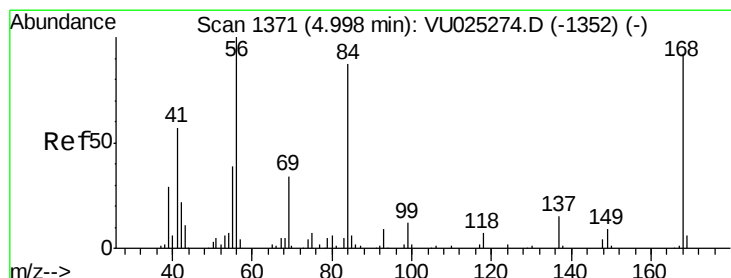
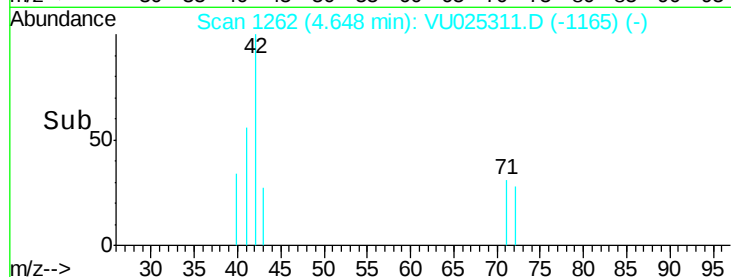
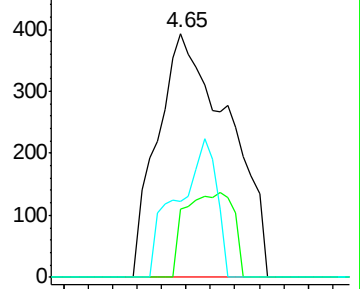
71 31.4 33.9 50.9#



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



#31

Cyclohexane

Concen: 1.76 ug/l

RT: 4.98 min Scan# 1365

Delta R.T. -0.02 min

Lab File: VU025311.D

Acq: 11 Jul 2018 13:49

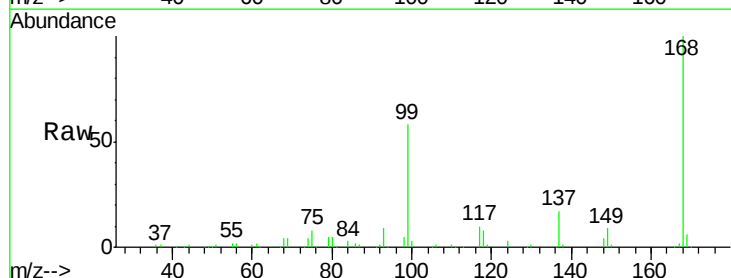
Tgt Ion: 56 Resp: 3966

Ion Ratio Lower Upper

56 100

69 166.5 26.8 40.2#

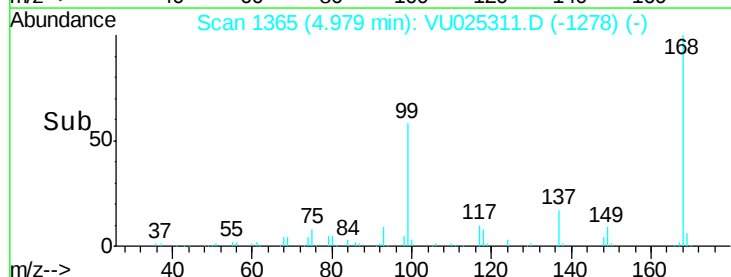
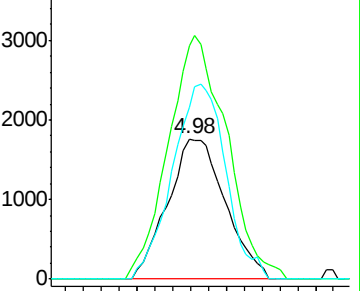
84 123.0 69.7 104.5#

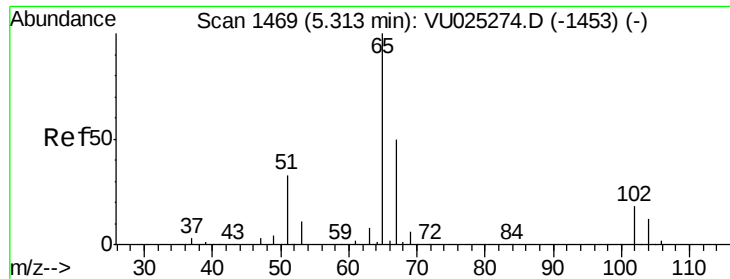


Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 84.00 (83.70 to 84.70): VU0

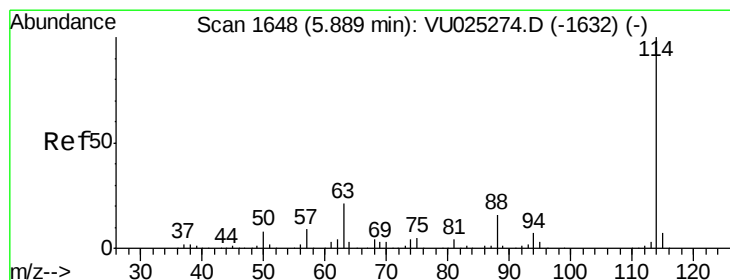
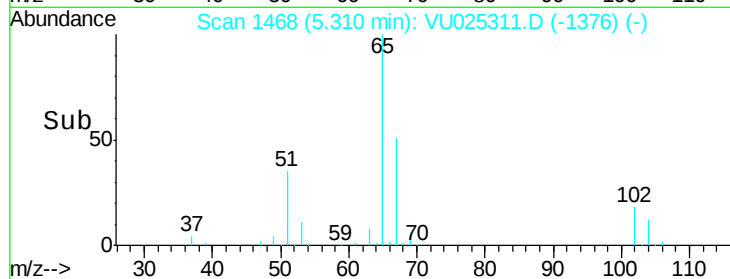
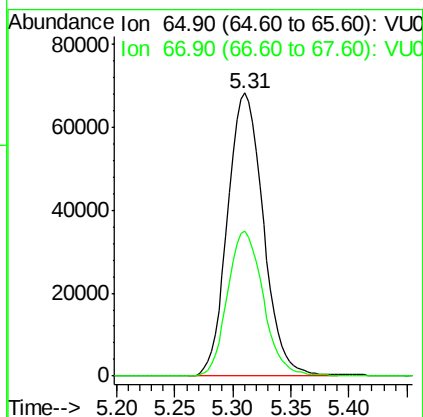
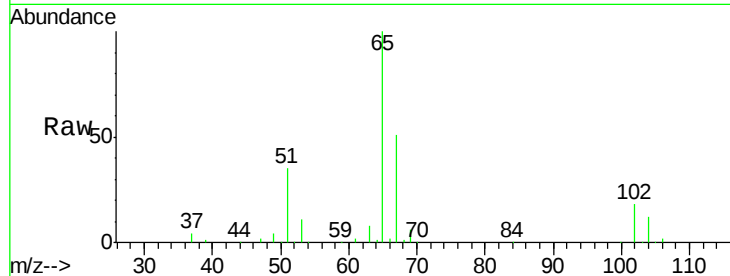




#33
 1,2-Dichloroethane-d4
 Concen: 48.13 ug/l
 RT: 5.31 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: VU025311.D
 Acq: 11 Jul 2018 13:49

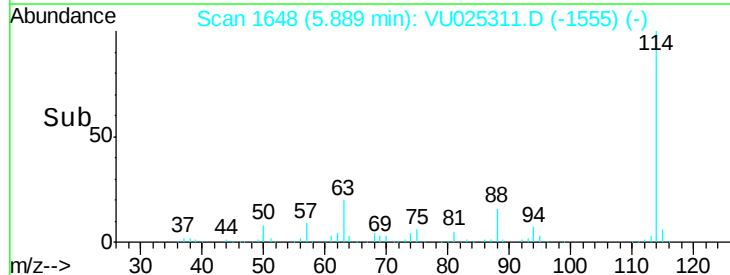
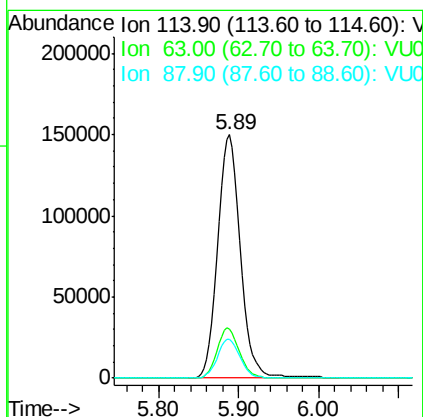
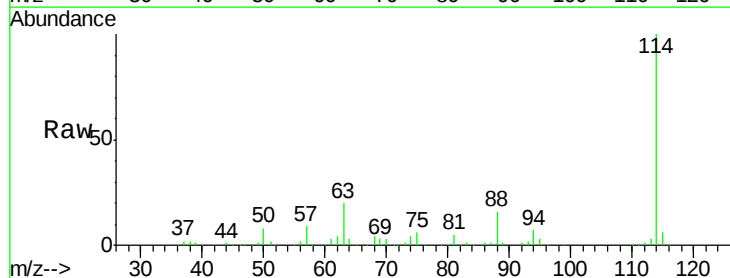
Instrument :
 MSVOA_U
 ClientSampleId :
 SS038MW009-180705DL

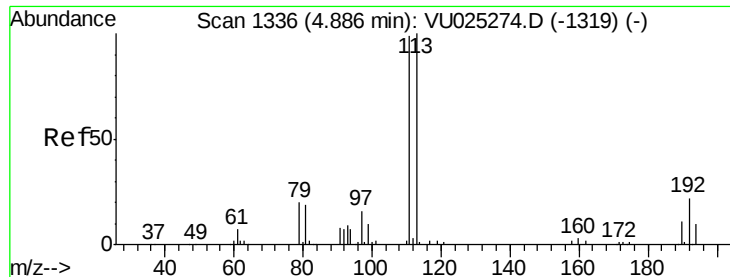
Tot Ion: 65 Resp: 146044
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: VU025311.D
 Acq: 11 Jul 2018 13:49

Tgt Ion: 114 Resp: 297019
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.6
 88 15.8 0.0 32.4

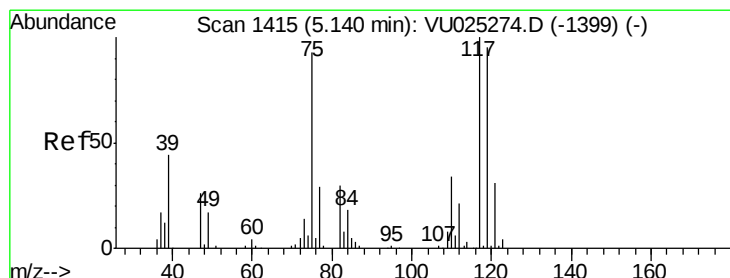
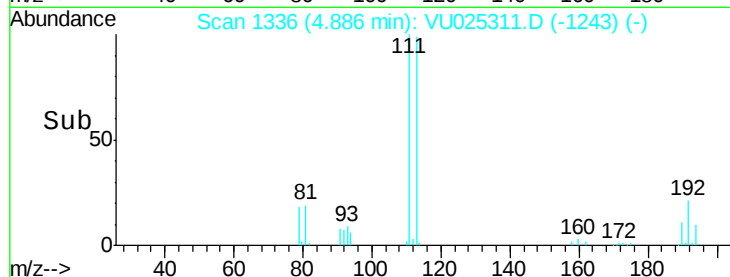
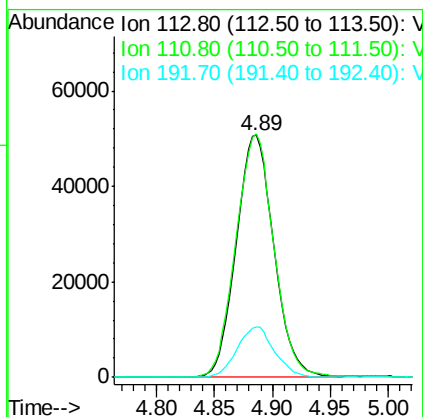
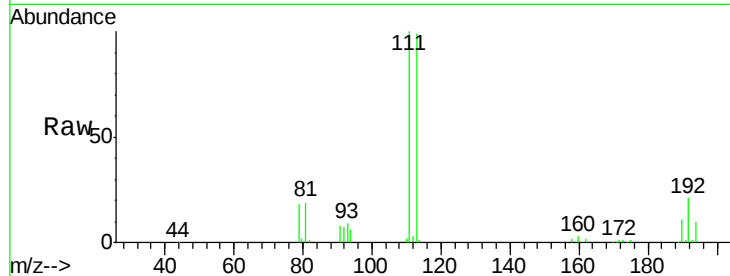




#35
 Dibromofluoromethane
 Concen: 45.62 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU025311.D
 Acq: 11 Jul 2018 13:49

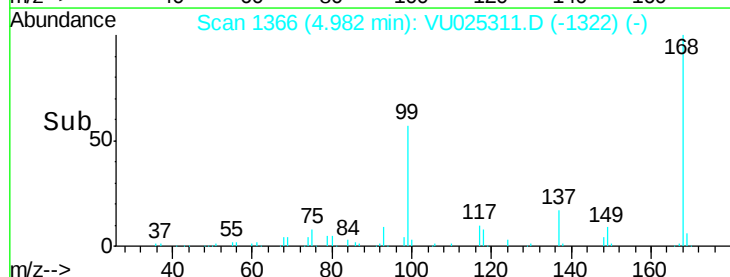
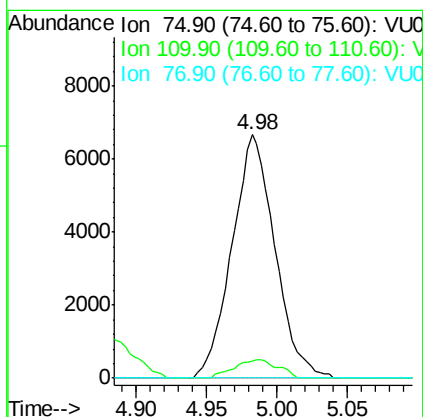
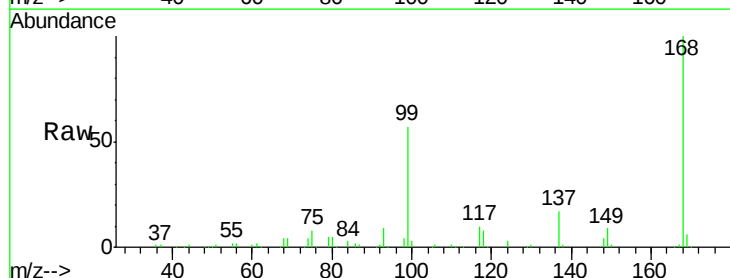
Instrument :
 MSVOA_U
 ClientSampleId :
 SS038MW009-180705DL

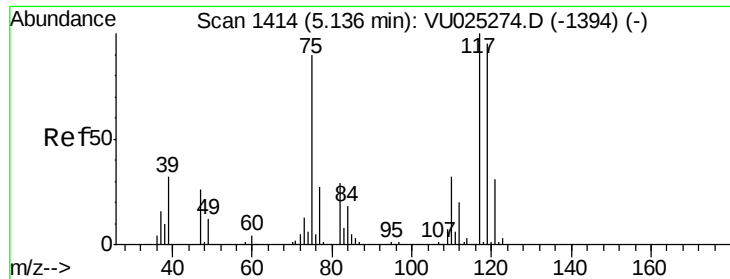
Tot Ion:113 Resp: 114301
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.7 122.5
 192 20.8 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 4.30 ug/l
 RT: 4.98 min Scan# 1366
 Delta R.T. -0.16 min
 Lab File: VU025311.D
 Acq: 11 Jul 2018 13:49

Tgt Ion: 75 Resp: 14192
 Ion Ratio Lower Upper
 75 100
 110 7.7 17.6 52.9#
 77 0.0 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 5.23 ug/l

RT: 4.98 min Scan# 1366

Delta R.T. -0.15 min

Lab File: VU025311.D

Acq: 11 Jul 2018 13:49

Instrument :

MSVOA_U

ClientSampleId :

SS038MW009-180705DL

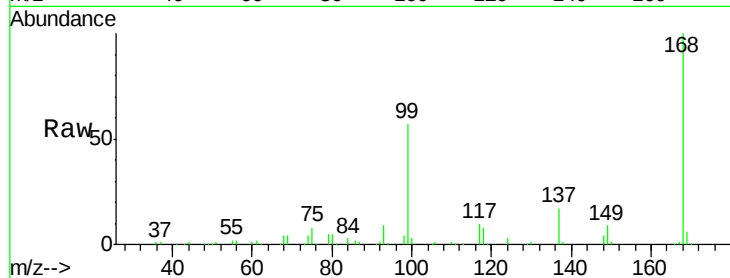
Tot Ion:117 Resp: 18587

Ion Ratio Lower Upper

117 100

119 4.9 75.7 113.5#

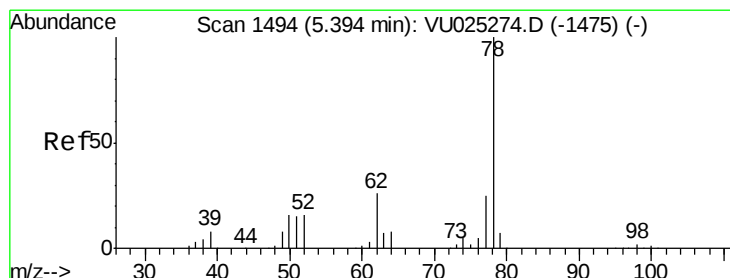
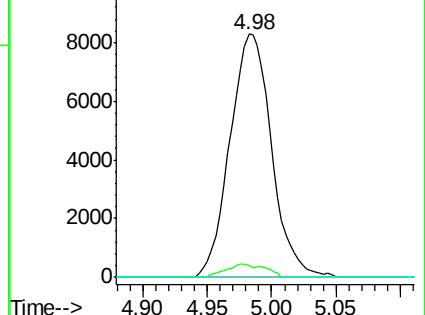
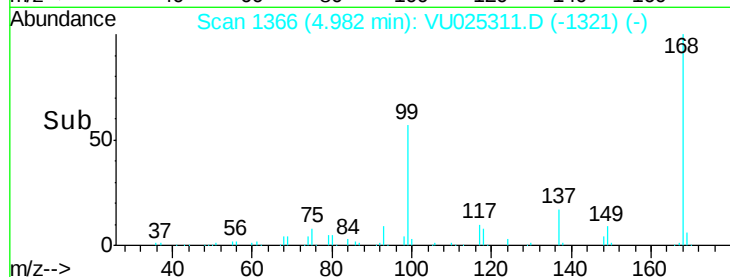
121 0.0 24.6 36.8#



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



#40

Benzene

Concen: 0.86 ug/l

RT: 5.39 min Scan# 1494

Delta R.T. 0.00 min

Lab File: VU025311.D

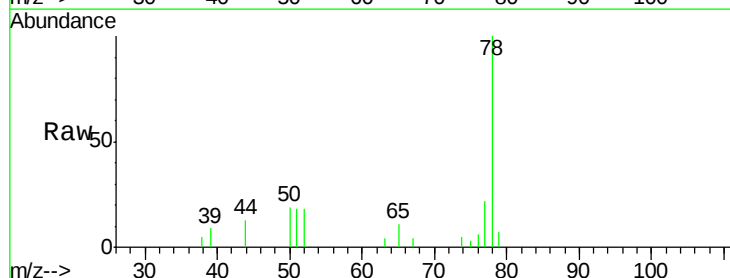
Acq: 11 Jul 2018 13:49

Tgt Ion: 78 Resp: 8172

Ion Ratio Lower Upper

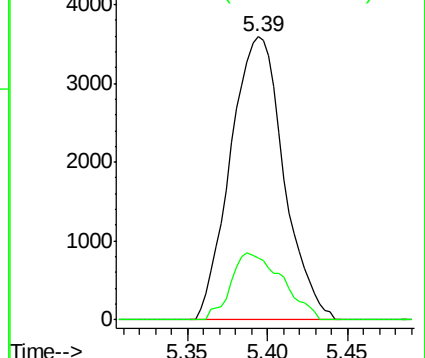
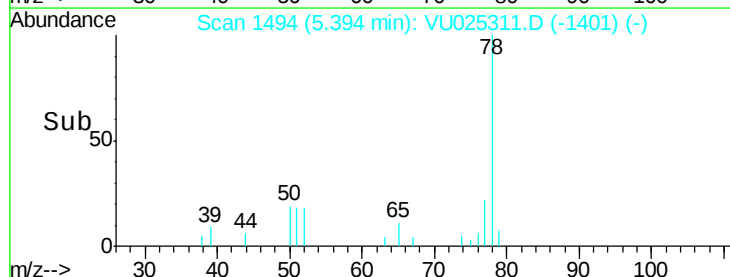
78 100

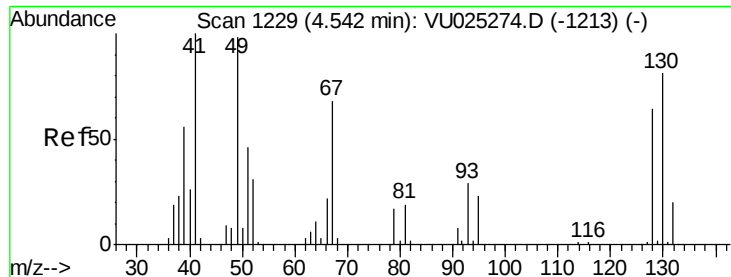
77 21.8 19.8 29.6



Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

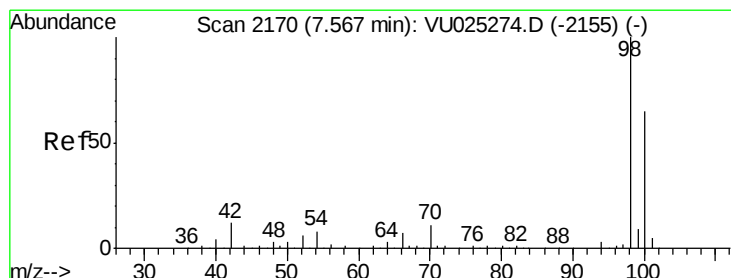
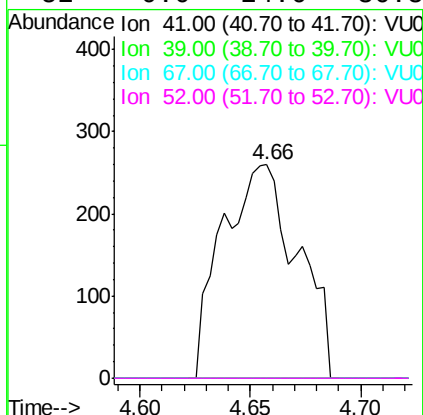
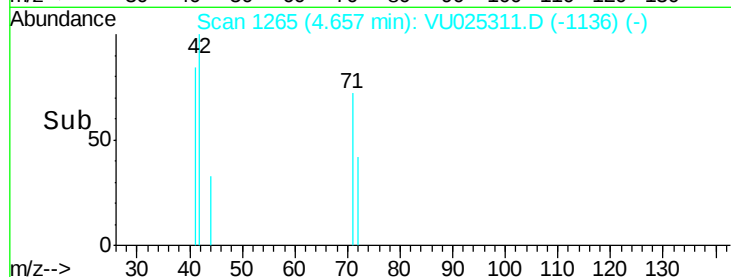
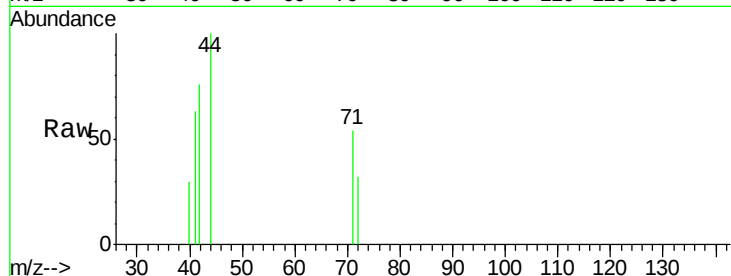




#41
Methacrylonitrile
Concen: 0.30 ug/l
RT: 4.66 min Scan# 1265
Delta R.T. 0.12 min
Lab File: VU025311.D
Acq: 11 Jul 2018 13:49

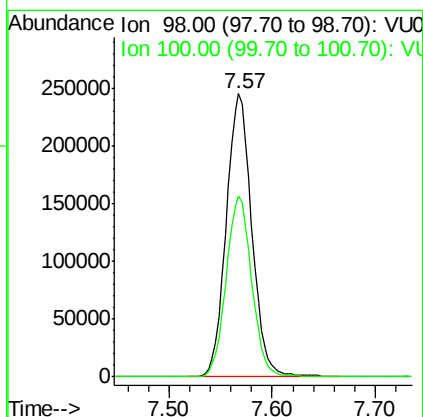
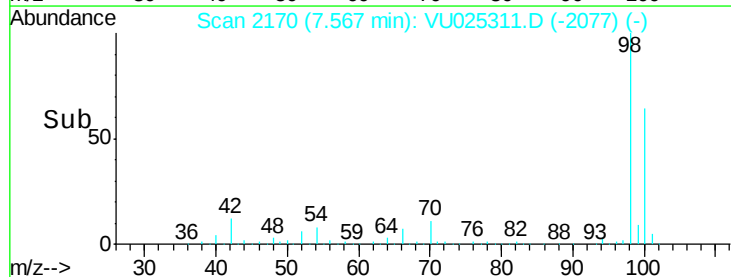
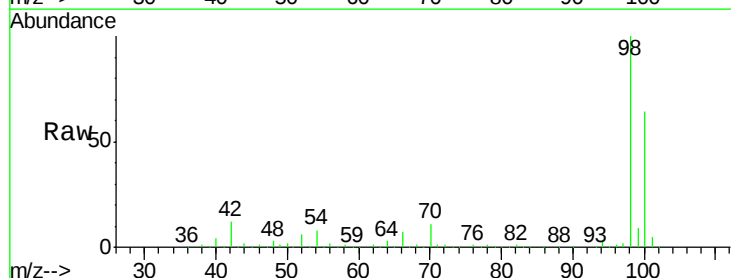
Instrument :
MSVOA_U
ClientSampleId :
SS038MW009-180705DL

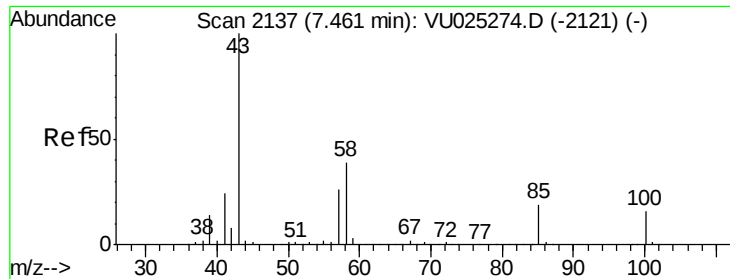
Tot Ion: 41 Resp: 614
Ion Ratio Lower Upper
41 100
39 0.0 44.4 66.6#
67 0.0 56.0 84.0#
52 0.0 24.6 36.8#



#50
Toluene-d8
Concen: 49.59 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VU025311.D
Acq: 11 Jul 2018 13:49

Tgt Ion: 98 Resp: 425498
Ion Ratio Lower Upper
98 100
100 63.8 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 0.23 ug/l

RT: 7.47 min Scan# 2139

Delta R.T. 0.01 min

Lab File: VU025311.D

Acq: 11 Jul 2018 13:49

Instrument :

MSVOA_U

ClientSampleId :

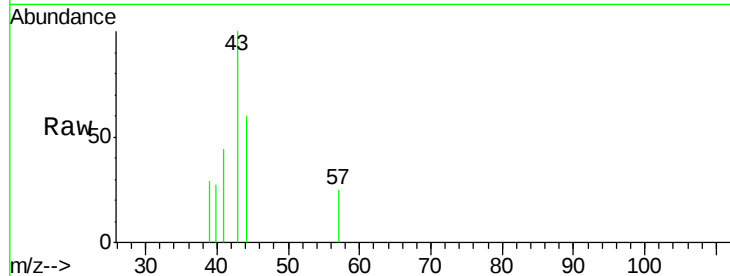
SS038MW009-180705DL

Tot Ion: 43 Resp: 890

Ion Ratio Lower Upper

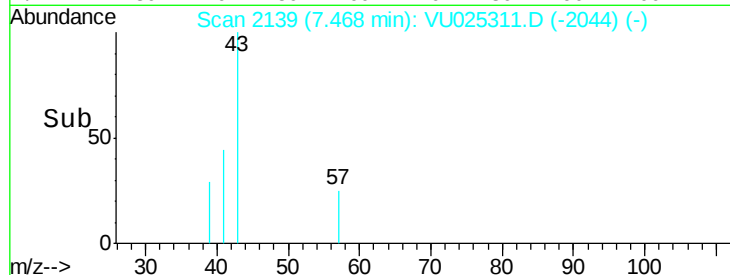
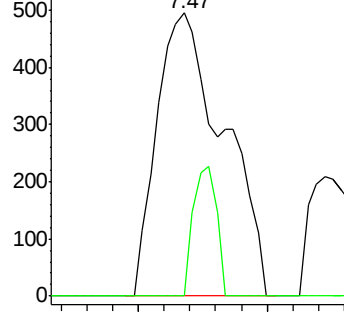
43 100

58 16.0 31.0 46.4#

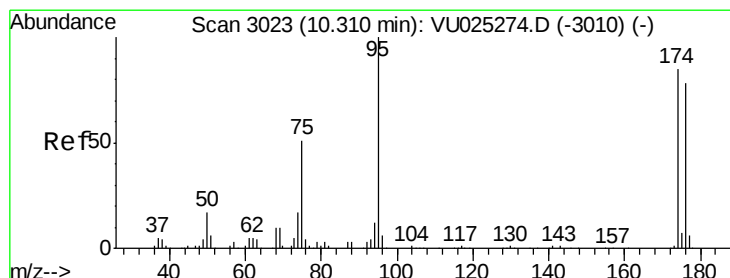


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



Time-->



#62

4-Bromofluorobenzene

Concen: 50.28 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025311.D

Acq: 11 Jul 2018 13:49

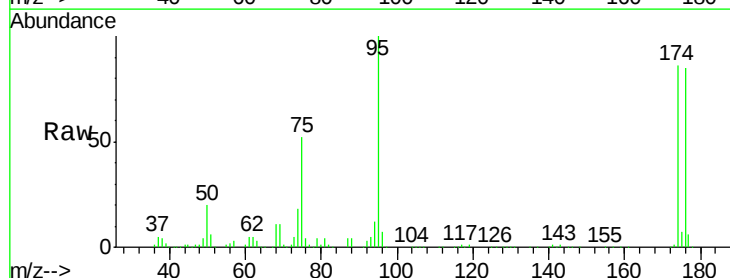
Tgt Ion: 95 Resp: 173692

Ion Ratio Lower Upper

95 100

174 87.4 0.0 172.2

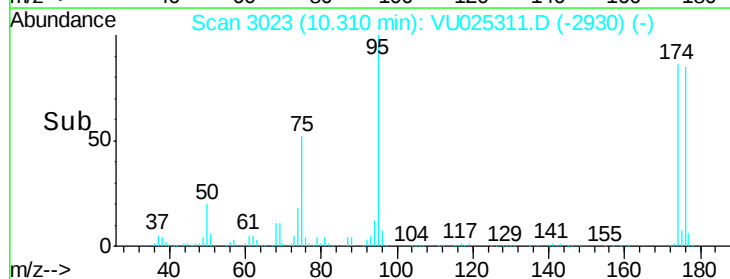
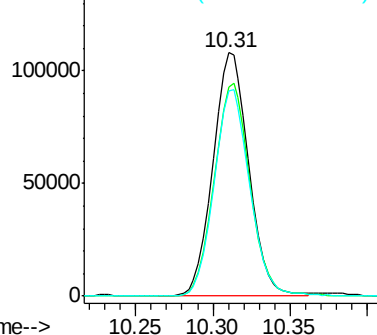
176 84.9 0.0 162.6



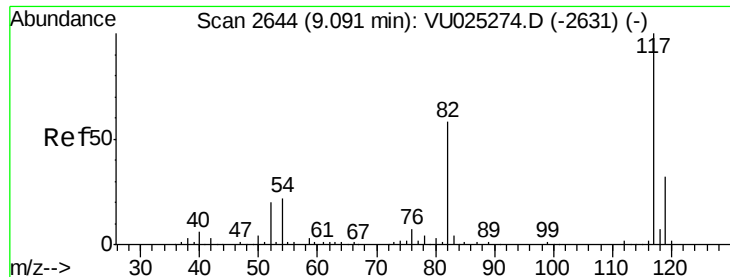
Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



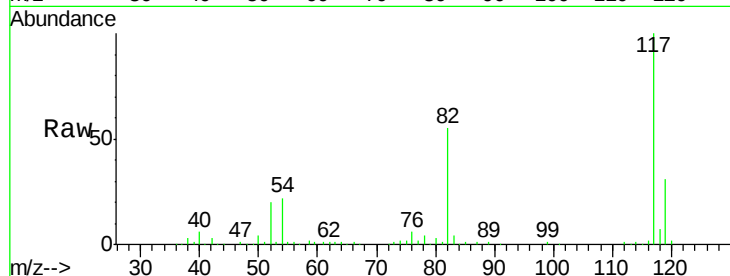
Time-->



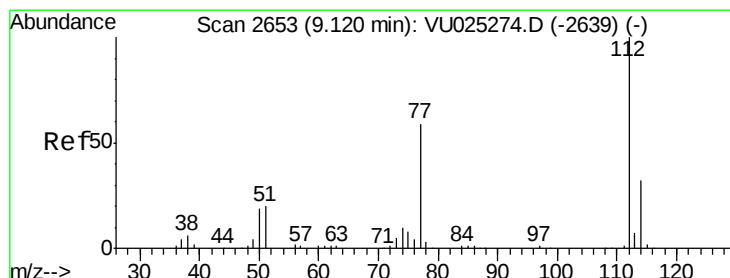
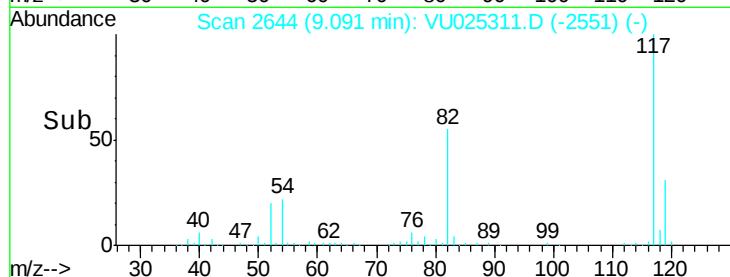
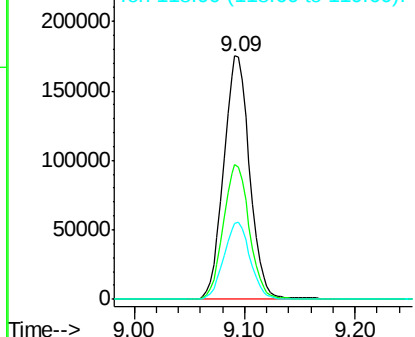
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VU025311.D
Acq: 11 Jul 2018 13:49

Instrument :
MSVOA_U
ClientSampleId :
SS038MW009-180705DL

Tot Ion:117 Resp: 287194
Ion Ratio Lower Upper
117 100
82 55.2 46.0 69.0
119 31.3 26.0 39.0

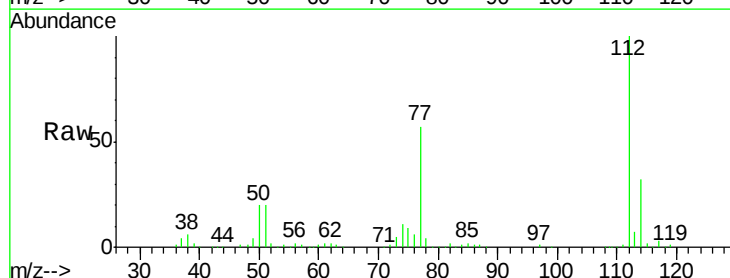


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

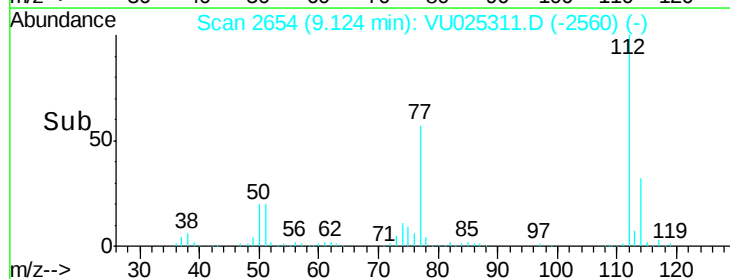
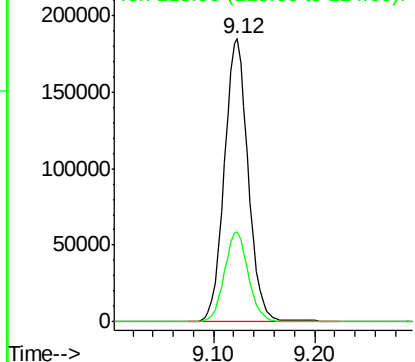


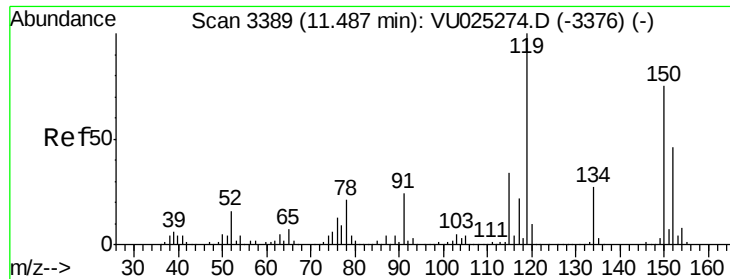
#65
Chlorobenzene
Concen: 42.50 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025311.D
Acq: 11 Jul 2018 13:49

Tgt Ion:112 Resp: 304927
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025311.D

Acq: 11 Jul 2018 13:49

Instrument :

MSVOA_U

ClientSampleId :

SS038MW009-180705DL

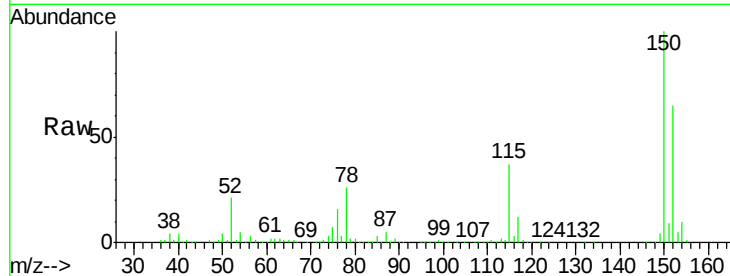
Tot Ion:152 Resp: 164634

Ion Ratio Lower Upper

152 100

115 57.0 40.1 120.3

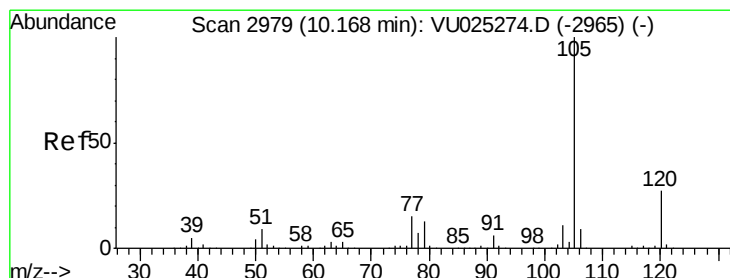
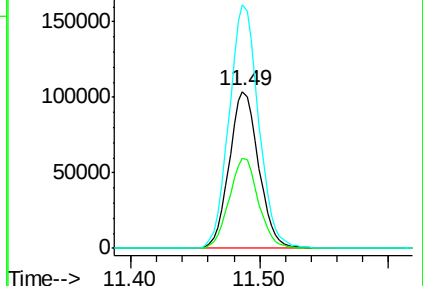
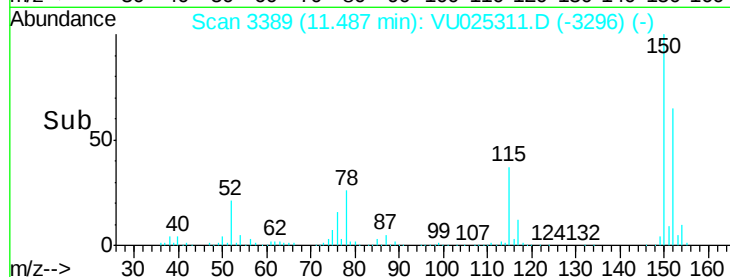
150 155.5 0.0 351.4



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: 1.00 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025311.D

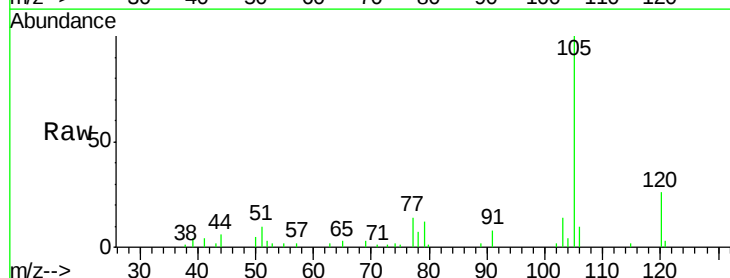
Acq: 11 Jul 2018 13:49

Tgt Ion:105 Resp: 12637

Ion Ratio Lower Upper

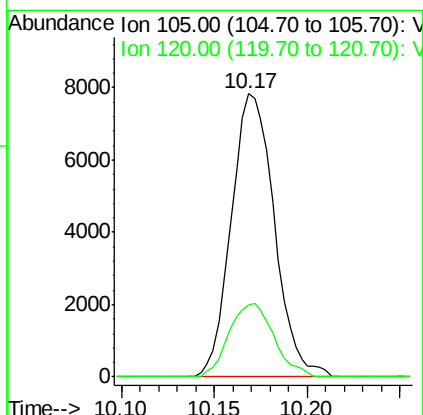
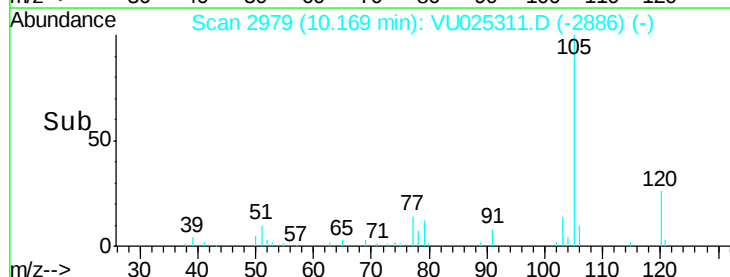
105 100

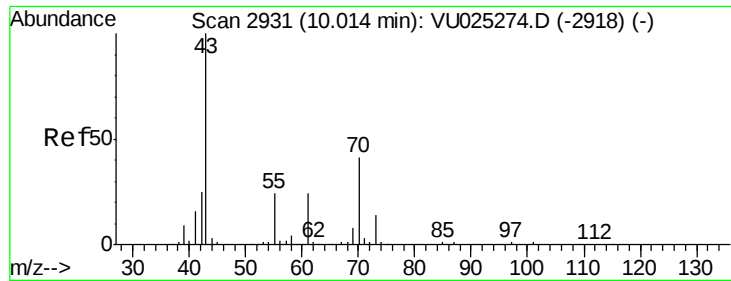
120 27.0 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 1.45 ug/l

RT: 10.03 min Scan# 2936

Delta R.T. 0.02 min

Lab File: VU025311.D

Acq: 11 Jul 2018 13:49

Instrument :

MSVOA_U

ClientSampleId :

SS038MW009-180705DL

Tot Ion: 43 Resp: 943

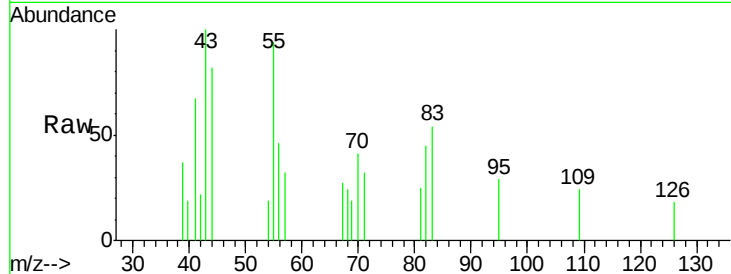
Ion Ratio Lower Upper

43 100

70 102.3 33.4 50.2#

55 305.1 19.0 28.6#

61 0.0 19.3 28.9#

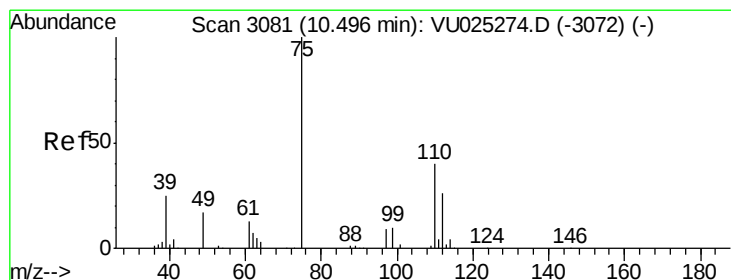
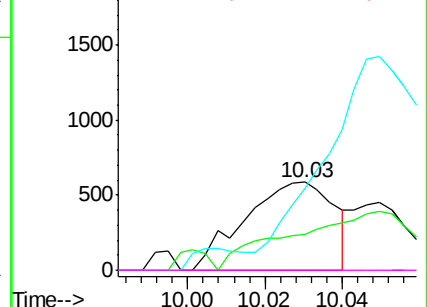
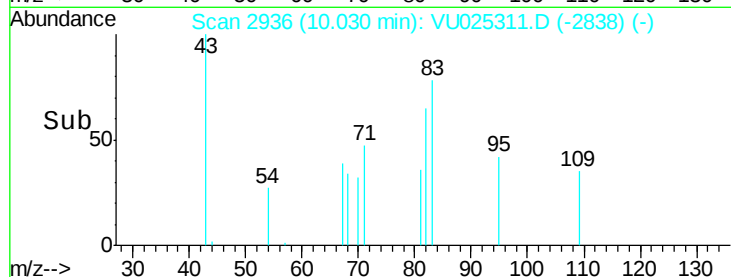


Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 26.99 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU025311.D

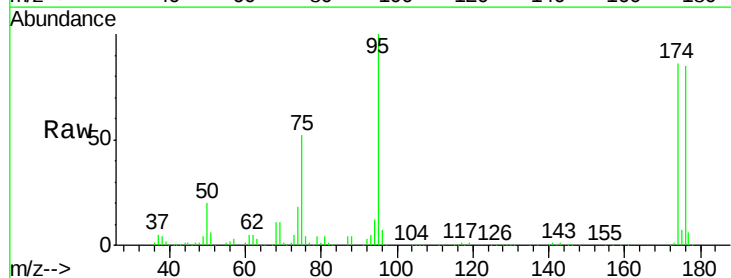
Acq: 11 Jul 2018 13:49

Tgt Ion: 75 Resp: 90323

Ion Ratio Lower Upper

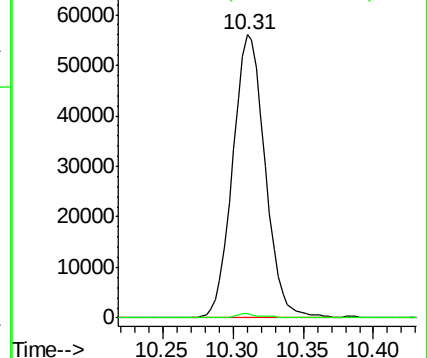
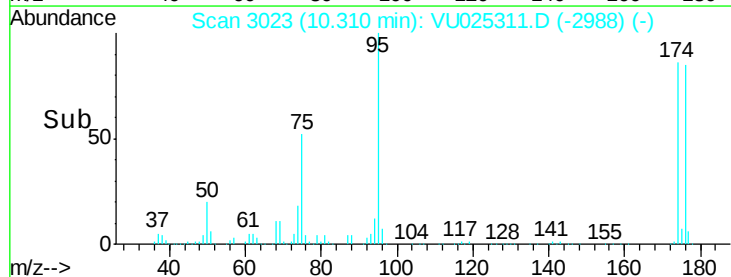
75 100

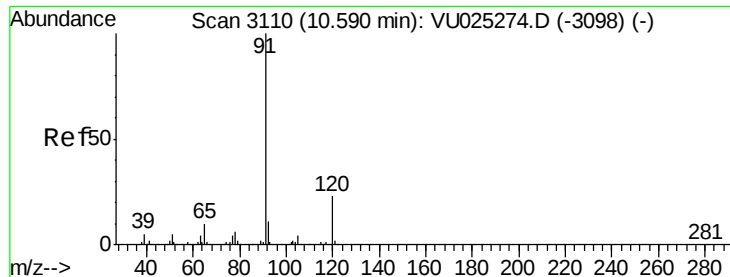
77 1.1 20.4 61.3#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#78

n-propylbenzene

Concen: 0.91 ug/l

RT: 10.59 min Scan# 3111

Delta R.T. 0.00 min

Lab File: VU025311.D

Acq: 11 Jul 2018 13:49

Instrument :

MSVOA_U

ClientSampleId :

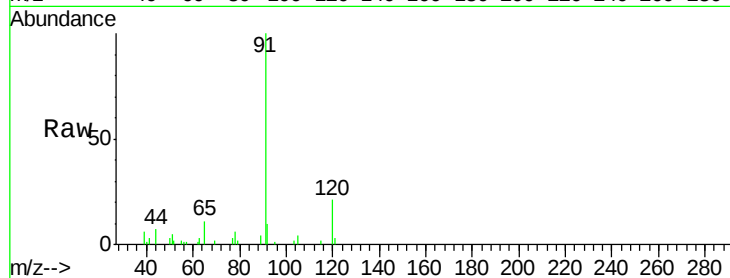
SS038MW009-180705DL

Tot Ion: 91 Resp: 12712

Ion Ratio Lower Upper

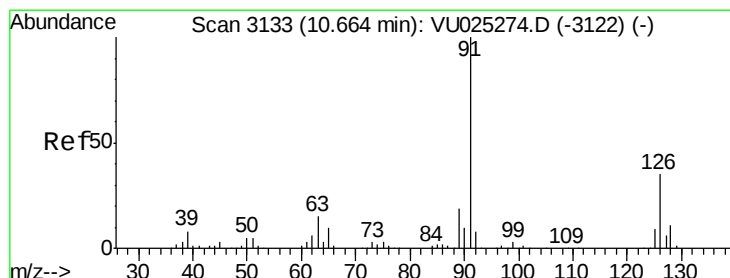
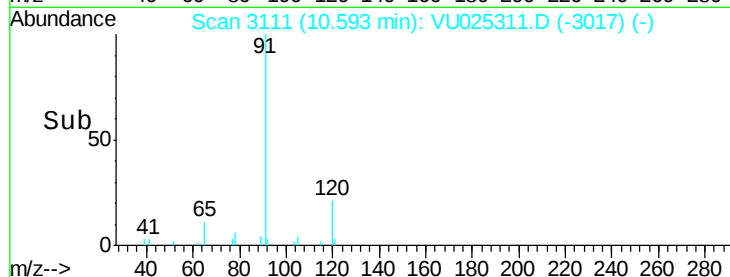
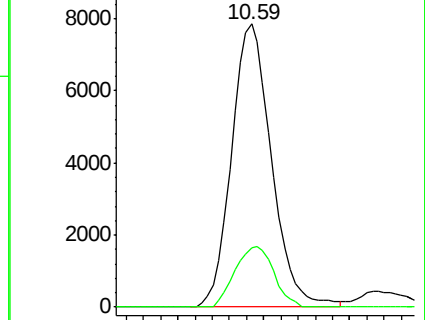
91 100

120 20.8 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.28 ug/l

RT: 10.78 min Scan# 3170

Delta R.T. 0.12 min

Lab File: VU025311.D

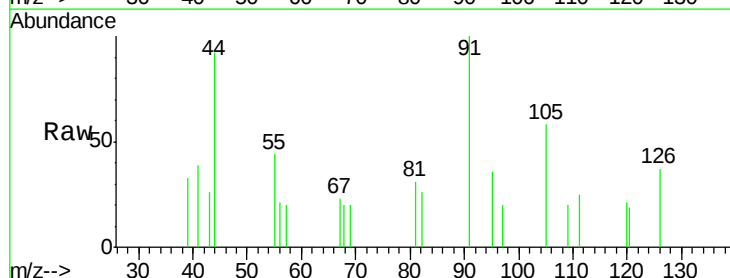
Acq: 11 Jul 2018 13:49

Tgt Ion: 91 Resp: 1093

Ion Ratio Lower Upper

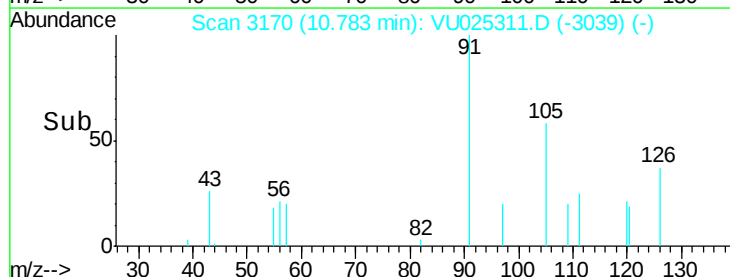
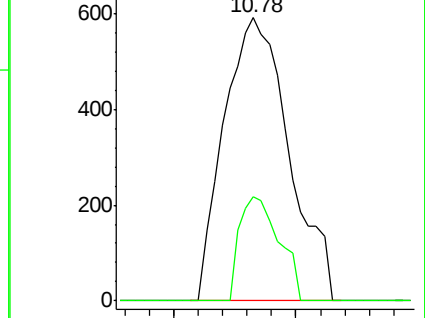
91 100

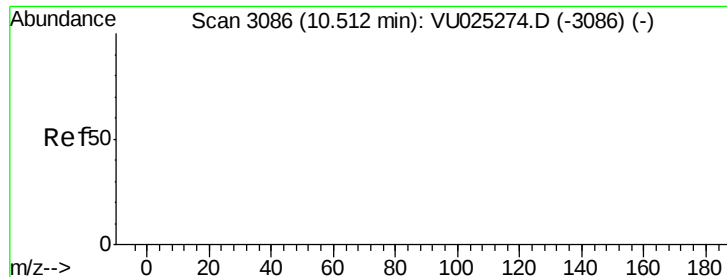
126 22.4 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V





#81

trans-1,4-Dichloro-2-butene

Concen: 68.86 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.20 min

Lab File: VU025311.D

Acq: 11 Jul 2018 13:49

Instrument :

MSVOA_U

ClientSampleId :

SS038MW009-180705DL

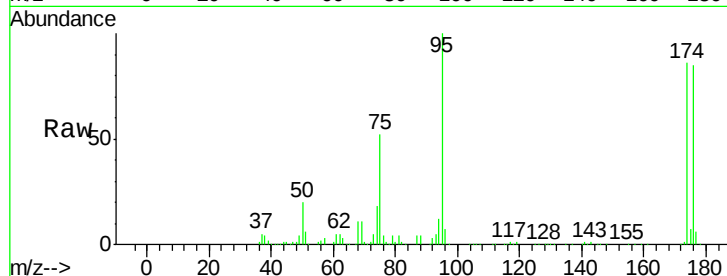
Tot Ion: 75 Resp: 90323

Ion Ratio Lower Upper

75 100

53 0.1 0.0 0.0#

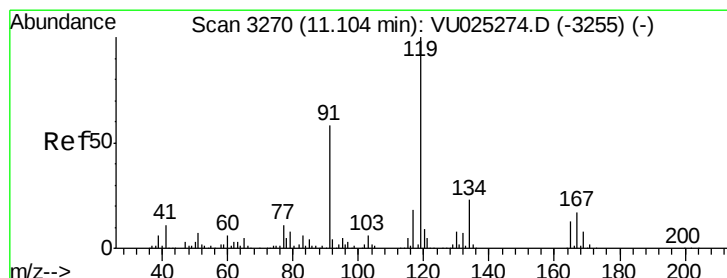
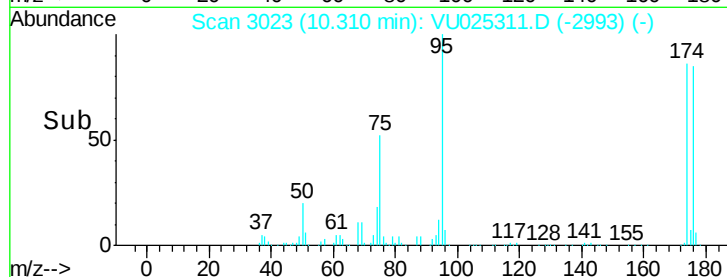
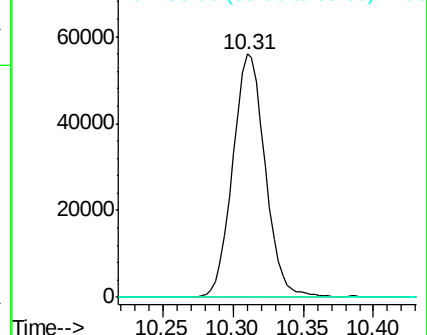
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU025274.D (-3086) (-)

Ion 53.00 (52.70 to 53.70): VU025274.D (-3086) (-)

Ion 88.90 (88.60 to 89.60): VU025274.D (-3086) (-)



#83

tert-Butylbenzene

Concen: 0.73 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. 0.00 min

Lab File: VU025311.D

Acq: 11 Jul 2018 13:49

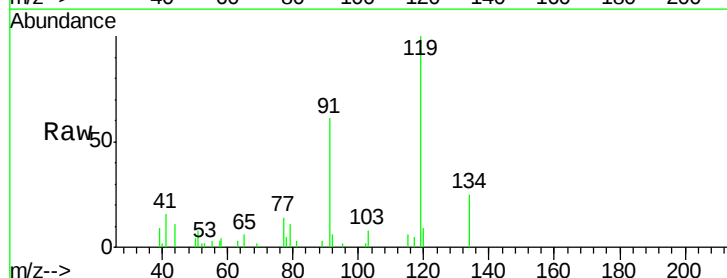
Tgt Ion: 119 Resp: 7796

Ion Ratio Lower Upper

119 100

91 68.1 29.7 89.1

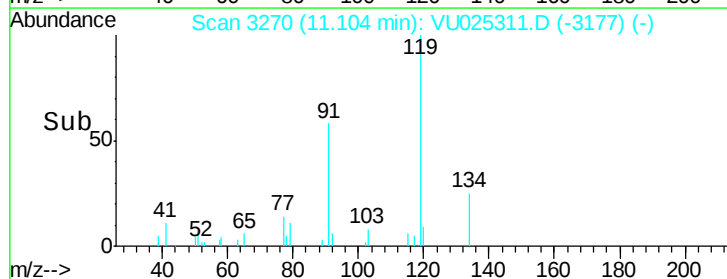
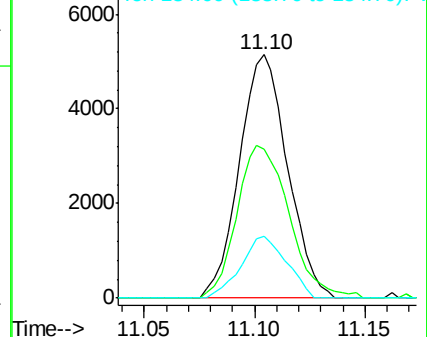
134 23.9 11.5 34.5

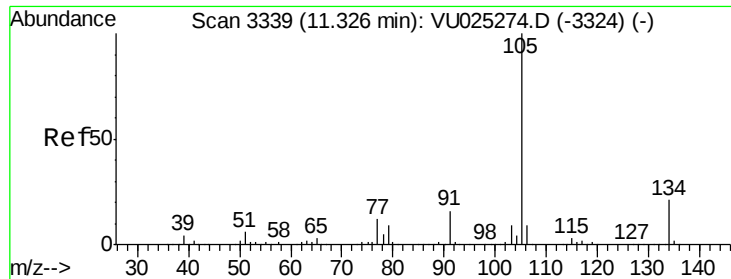


Abundance Ion 119.00 (118.70 to 119.70): VU025274.D (-3255) (-)

Ion 91.00 (90.70 to 91.70): VU025274.D (-3255) (-)

Ion 134.00 (133.70 to 134.70): VU025274.D (-3255) (-)





#85

sec-Butylbenzene

Concen: 1.03 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU025311.D

Acq: 11 Jul 2018 13:49

Instrument :

MSVOA_U

ClientSampleId :

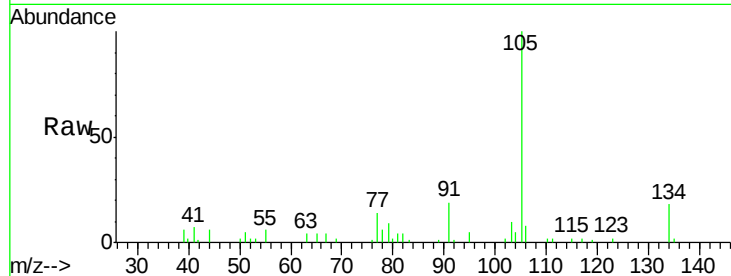
SS038MW009-180705DL

Tot Ion:105 Resp: 12940

Ion Ratio Lower Upper

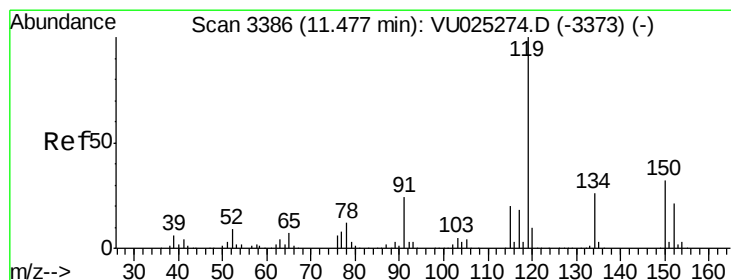
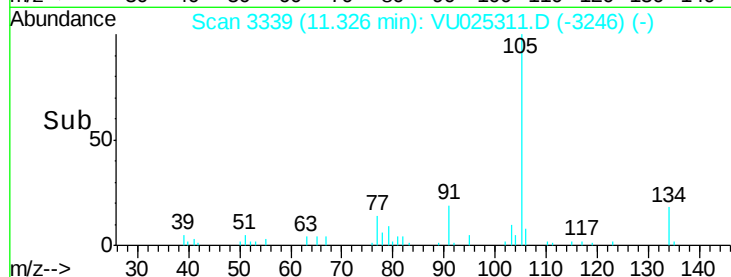
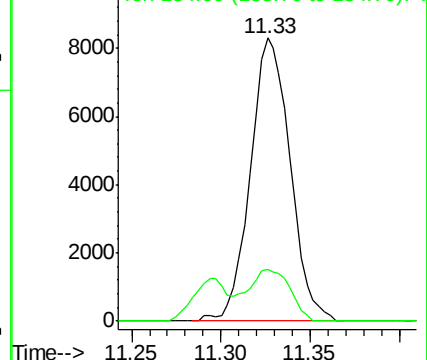
105 100

134 18.2 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 2.56 ug/l

RT: 11.69 min Scan# 3453

Delta R.T. 0.22 min

Lab File: VU025311.D

Acq: 11 Jul 2018 13:49

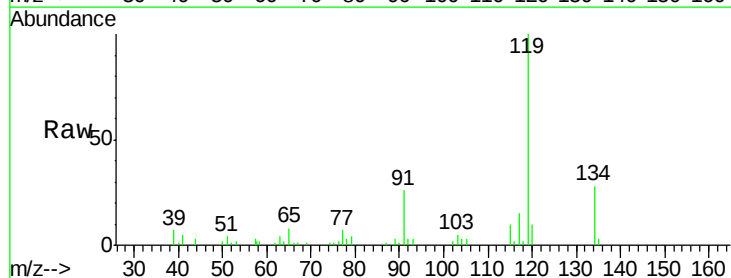
Tgt Ion:119 Resp: 28531

Ion Ratio Lower Upper

119 100

134 27.9 13.2 39.5

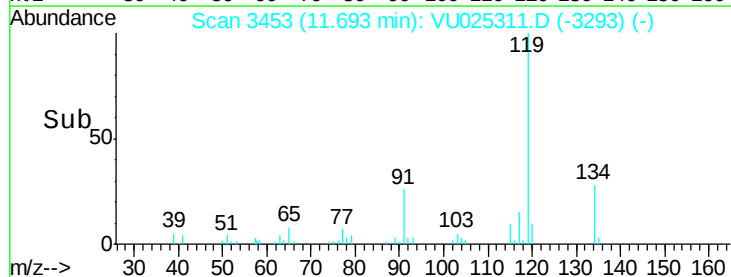
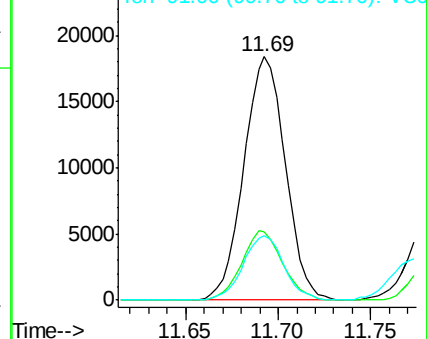
91 26.0 12.0 36.1

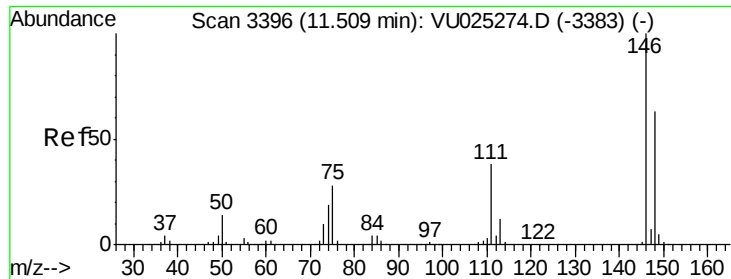


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0





#88

1,4-Dichlorobenzene

Concen: 1.70 ug/l

RT: 11.51 min Scan# 3397

Delta R.T. 0.00 min

Lab File: VU025311.D

Acq: 11 Jul 2018 13:49

Instrument :

MSVOA_U

ClientSampleId :

SS038MW009-180705DL

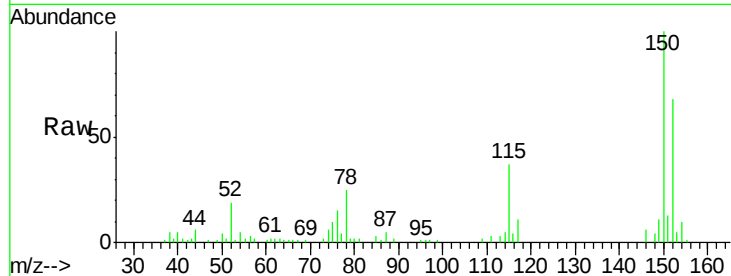
Tot Ion:146 Resp: 1277

Ion Ratio Lower Upper

146 100

111 209.9 19.4 58.1#

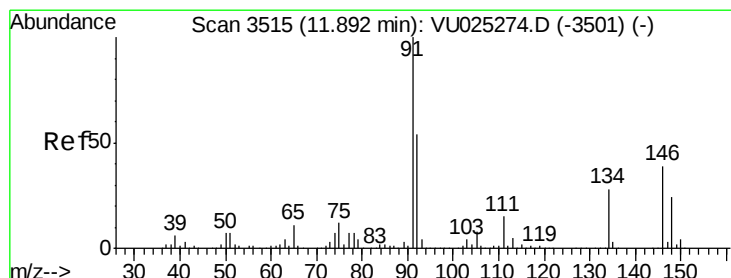
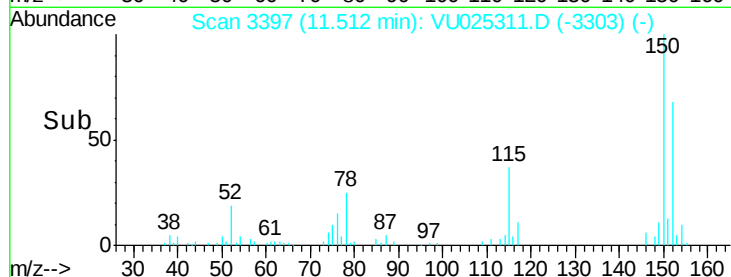
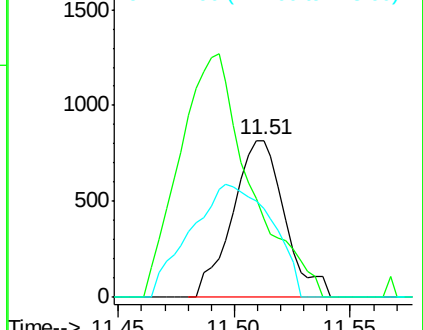
148 112.1 31.7 95.1#



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 0.52 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. 0.00 min

Lab File: VU025311.D

Acq: 11 Jul 2018 13:49

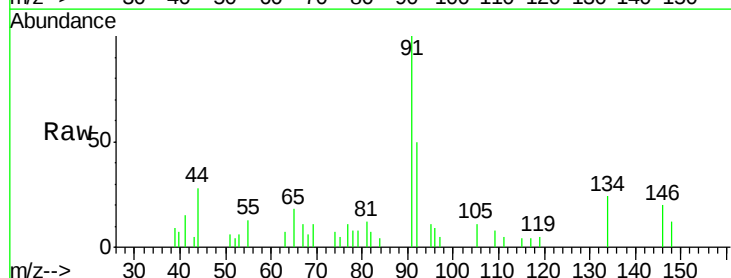
Tgt Ion: 91 Resp: 4741

Ion Ratio Lower Upper

91 100

92 40.9 26.5 79.5

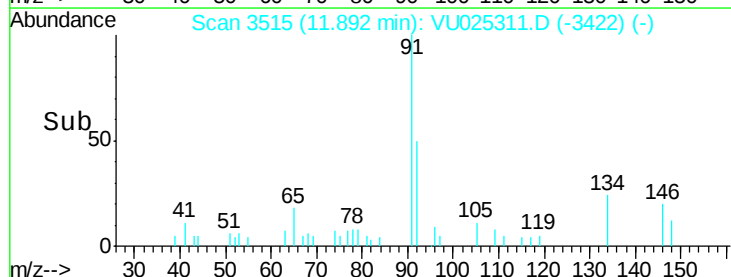
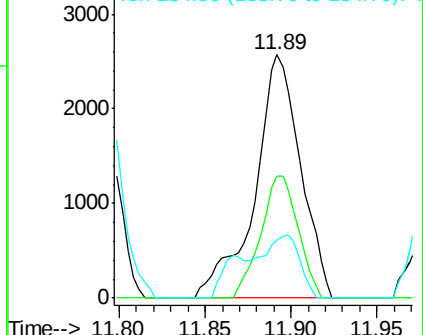
134 17.5 13.6 40.7

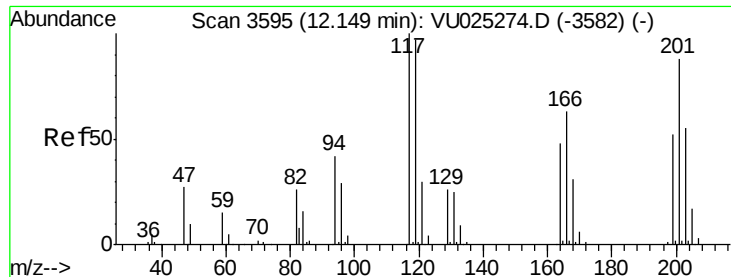


Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 1.91 ug/l

RT: 12.26 min Scan# 3628

Delta R.T. 0.11 min

Lab File: VU025311.D

Acq: 11 Jul 2018 13:49

Instrument:

MSVOA_U

ClientSampleId:

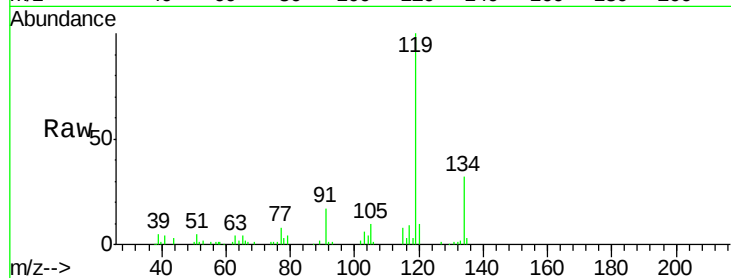
SS038MW009-180705DL

Tot Ion: 117 Resp: 3609

Ion Ratio Lower Upper

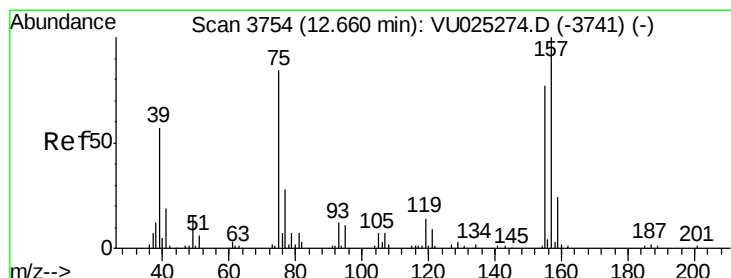
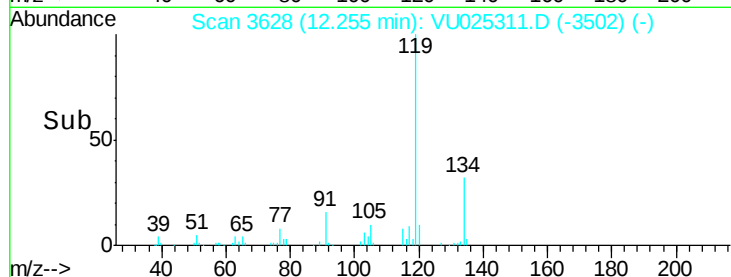
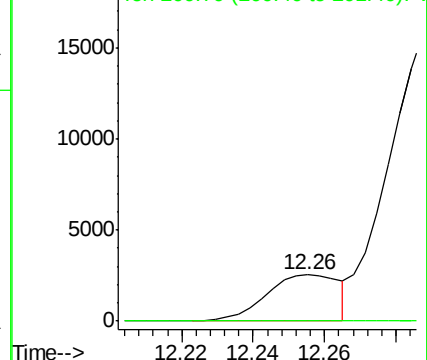
117 100

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



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.41 ug/l

RT: 12.65 min Scan# 3751

Delta R.T. -0.01 min

Lab File: VU025311.D

Acq: 11 Jul 2018 13:49

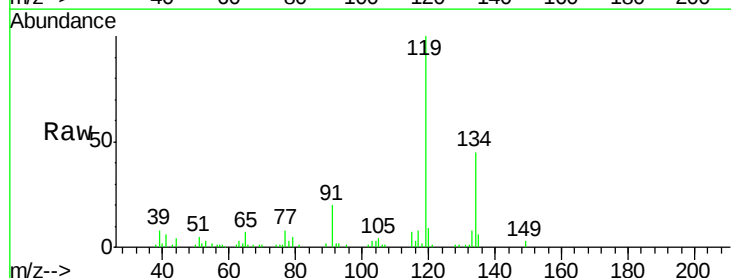
Tgt Ion: 75 Resp: 411

Ion Ratio Lower Upper

75 100

155 0.0 44.5 133.3#

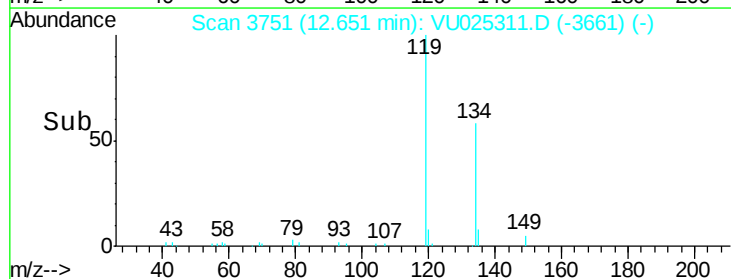
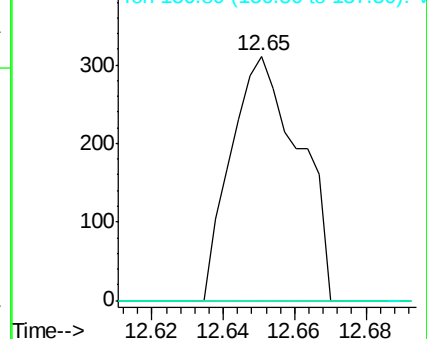
157 0.0 57.0 170.8#

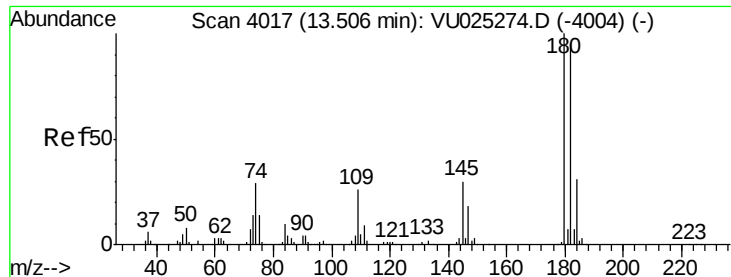


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

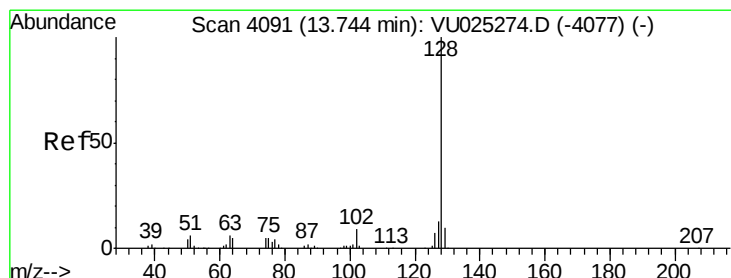
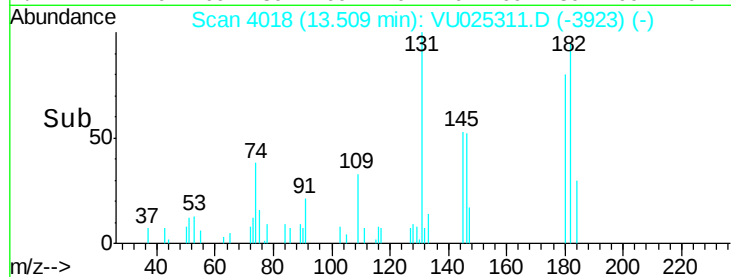
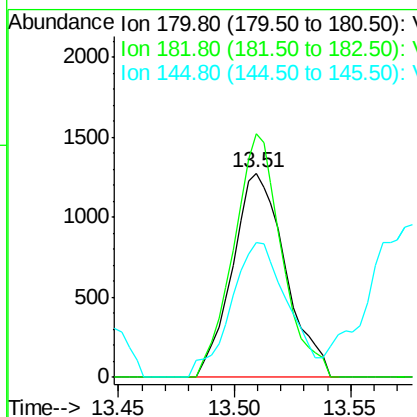
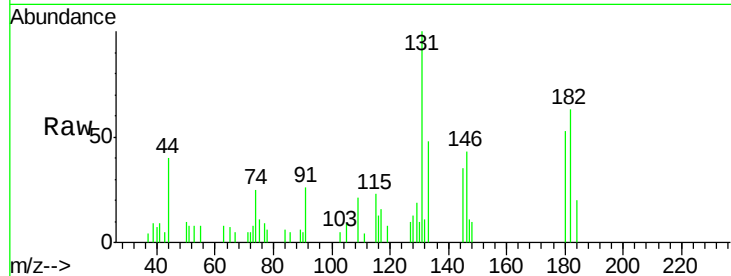




#93
 1,2,4-Trichlorobenzene
 Concen: 3.76 ug/l
 RT: 13.51 min Scan# 4018
 Delta R.T. 0.00 min
 Lab File: VU025311.D
 Acq: 11 Jul 2018 13:49

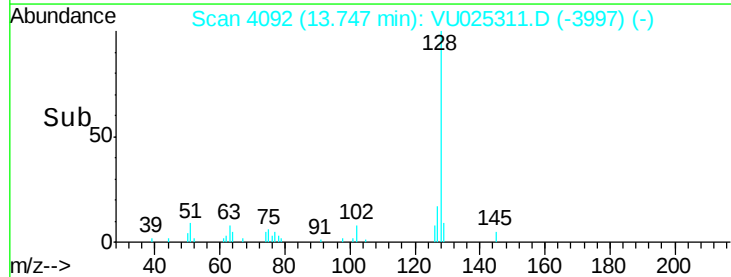
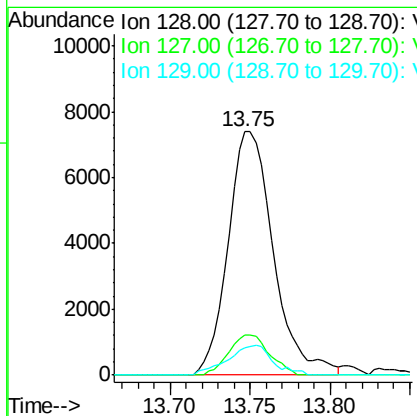
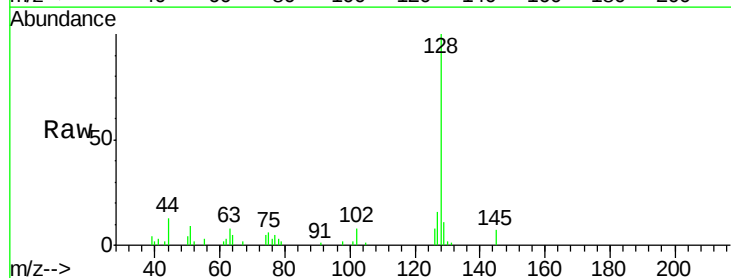
Instrument :
 MSVOA_U
 ClientSampleId :
 SS038MW009-180705DL

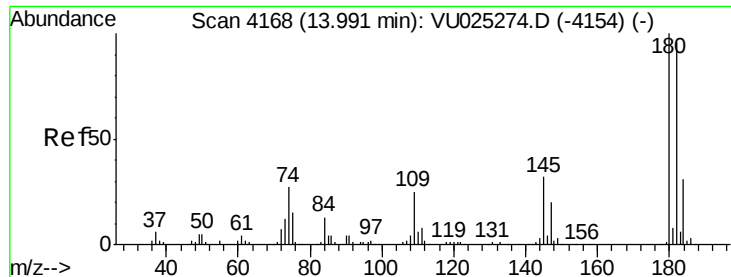
Tot Ion:180 Resp: 2028
 Ion Ratio Lower Upper
 180 100
 182 108.2 47.3 141.9
 145 71.2 14.9 44.7#



#95
 Naphthalene
 Concen: 3.54 ug/l
 RT: 13.75 min Scan# 4092
 Delta R.T. 0.00 min
 Lab File: VU025311.D
 Acq: 11 Jul 2018 13:49

Tgt Ion:128 Resp: 14314
 Ion Ratio Lower Upper
 128 100
 127 14.7 10.5 15.7
 129 12.1 8.3 12.5





#96
 1,2,3-Trichlorobenzene
 Concen: 3.18 ug/l
 RT: 13.99 min Scan# 4168
 Delta R.T. 0.00 min
 Lab File: VU025311.D
 Acq: 11 Jul 2018 13:49

Instrument :
 MSVOA_U
 ClientSampleId :
 SS038MW009-180705DL

Tot Ion:180 Resp: 2748
 Ion Ratio Lower Upper
 180 100
 182 102.5 47.8 143.3
 145 55.1 15.6 46.8#

