

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071118\
 Data File : VU025325.D
 Acq On : 11 Jul 2018 19:31
 Operator : MD/SY
 Sample : J3922-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SS038RW151-180709

Quant Time: Jul 12 03:14:22 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	203491	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	308139	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	284870	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	151085	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	155332	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
35) Dibromofluoromethane	4.89	113	122229	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	
50) Toluene-d8	7.57	98	445341	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
62) 4-Bromofluorobenzene	10.31	95	163820	45.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.42%	

Target Compounds

						Qvalue
3) Chloromethane	1.33	50	571	0.83	ug/l	98
4) Vinyl Chloride	1.40	62	8827	3.81	ug/l	97
5) Bromomethane	1.64	94	362	Below	Cal	96
6) Chloroethane	1.68	64	99	0.36	ug/l #	43
11) Tert butyl alcohol	2.82	59	2523	3.66	ug/l #	73
14) Allyl chloride	2.71	41	1509	0.40	ug/l #	54
16) Acetone	2.32	43	1631	5.86	ug/l	91
17) Carbon Disulfide	2.48	76	459	2.00	ug/l #	74
20) Methylene Chloride	2.71	84	181	0.76	ug/l #	51
21) trans-1,2-Dichloroethene	2.99	96	1493	0.63	ug/l	96
27) cis-1,2-Dichloroethene	4.23	96	528026	193.60	ug/l	90
31) Cyclohexane	4.99	56	4427	1.84	ug/l #	10
36) 1,1-Dichloropropene	4.99	75	15402	4.50	ug/l #	49
38) Carbon Tetrachloride	4.99	117	19924	5.40	ug/l #	16
39) Methylcyclohexane	6.41	83	1076	0.25	ug/l #	68
40) Benzene	5.40	78	8360	0.85	ug/l	94
43) Isopropyl Acetate	5.53	43	1820	0.30	ug/l #	61
44) Trichloroethene	6.19	130	7578	2.67	ug/l	91
48) Methyl methacrylate	6.59	41	1008	0.33	ug/l #	22
52) Toluene	7.65	92	1563	0.25	ug/l	100
59) 2-Hexanone	8.17	43	2042	0.63	ug/l	66
60) Dibromochloromethane	8.23	129	7485	2.65	ug/l #	11
64) Tetrachloroethene	8.23	164	7978	3.07	ug/l	97
65) Chlorobenzene	9.12	112	442092	62.12	ug/l	100
73) Isopropylbenzene	10.17	105	10195	0.88	ug/l	99
74) N-amyl acetate	9.95	43	365	1.34	ug/l #	19
76) 1,2,3-Trichloropropane	10.31	75	85629	27.85	ug/l #	36
78) n-propylbenzene	10.59	91	3178	0.25	ug/l	97
81) trans-1,4-Dichloro-2-buten	10.31	75	85629	71.14	ug/l #	100
83) tert-Butylbenzene	11.10	119	26524	2.70	ug/l	90
84) 1,2,4-Trimethylbenzene	11.33	105	19369	1.95	ug/l #	32
85) sec-Butylbenzene	11.33	105	19369	1.68	ug/l	98
86) p-Isopropyltoluene	11.69	119	70060	6.85	ug/l	97
87) 1,3-Dichlorobenzene	11.43	146	1472	0.27	ug/l	84

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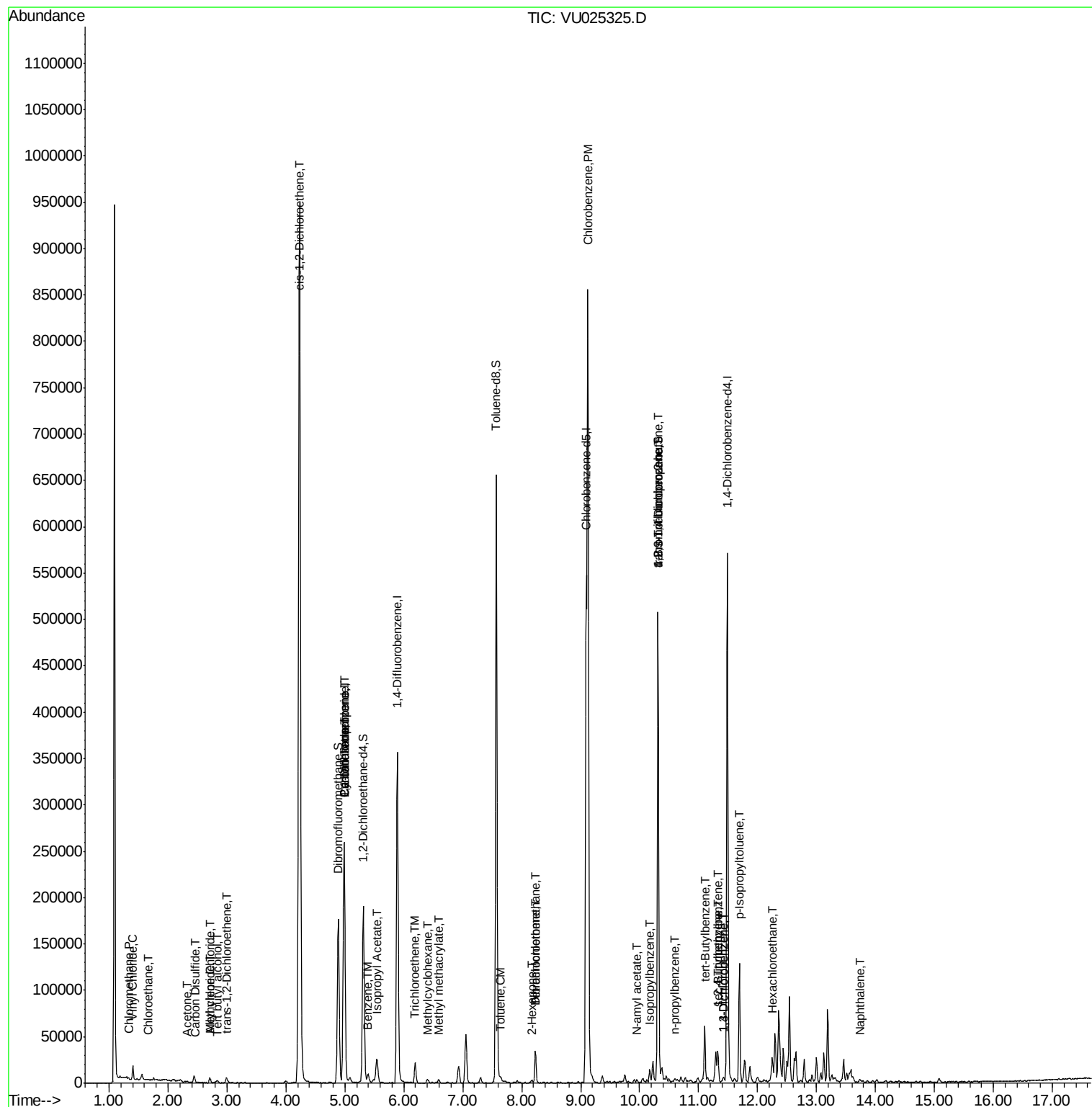
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) 1,4-Dichlorobenzene	11.43	146	1472	1.76	ug/l	83
90) Hexachloroethane	12.26	117	1317	0.76	ug/l #	7
95) Naphthalene	13.75	128	327	2.44	ug/l #	69

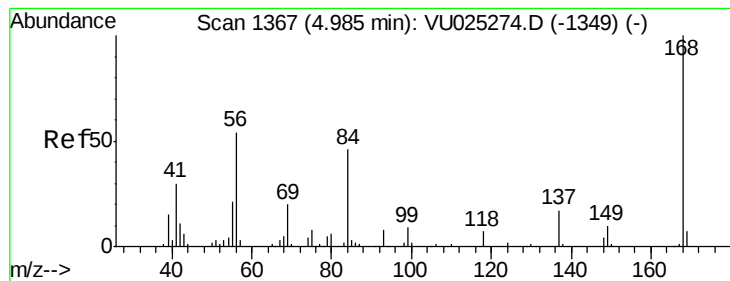
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025325.D

Acq: 11 Jul 2018 19:31

Instrument :

MSVOA_U

ClientSampleId :

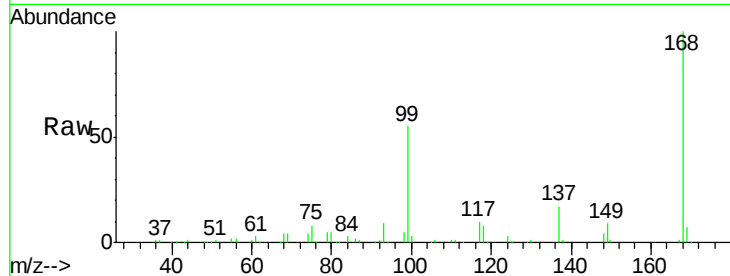
SS038RW151-180709

Tot Ion:168 Resp: 203491

Ion Ratio Lower Upper

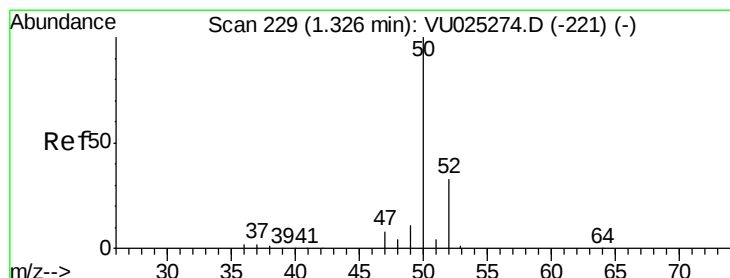
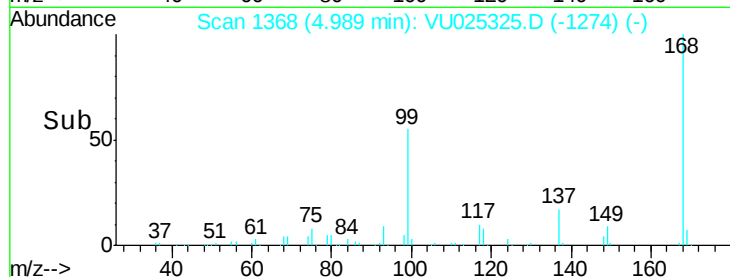
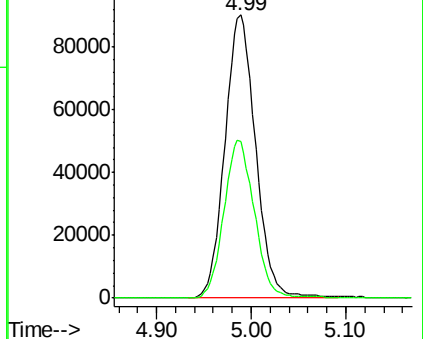
168 100

99 55.1 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) (-)



#3

Chloromethane

Concen: 0.83 ug/l

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU025325.D

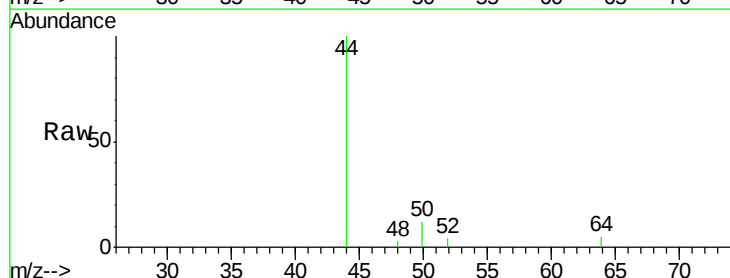
Acq: 11 Jul 2018 19:31

Tgt Ion: 50 Resp: 571

Ion Ratio Lower Upper

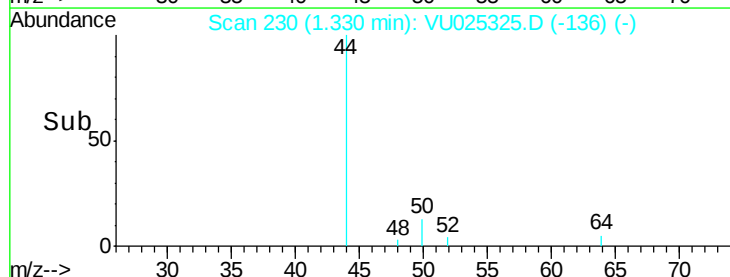
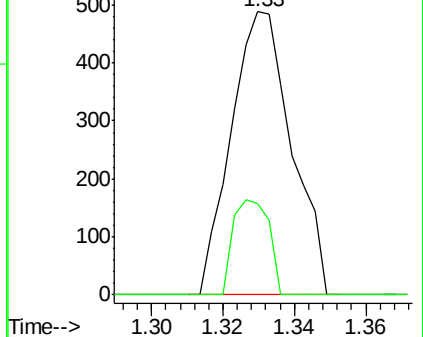
50 100

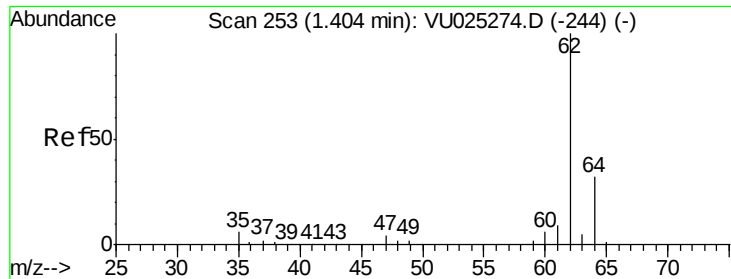
52 32.2 26.5 39.7



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

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





#4

Vinyl Chloride

Concen: 3.81 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025325.D

Acq: 11 Jul 2018 19:31

Instrument :

MSVOA_U

ClientSampleId :

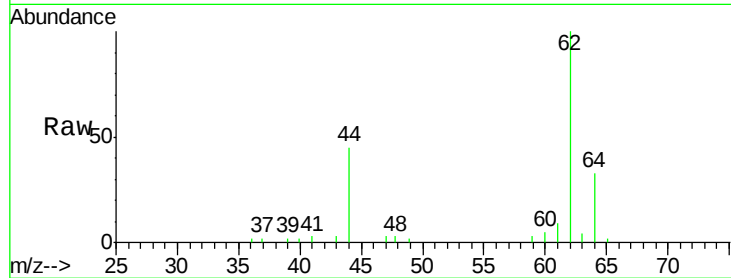
SS038RW151-180709

Tot Ion: 62 Resp: 8827

Ion Ratio Lower Upper

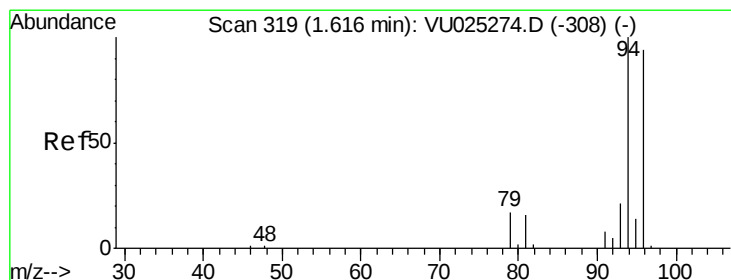
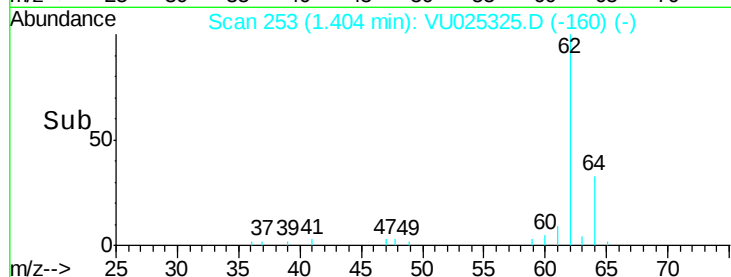
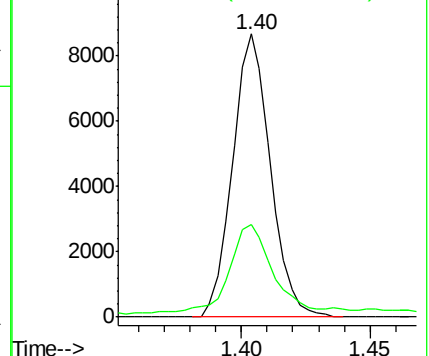
62 100

64 30.2 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# 326

Delta R.T. 0.02 min

Lab File: VU025325.D

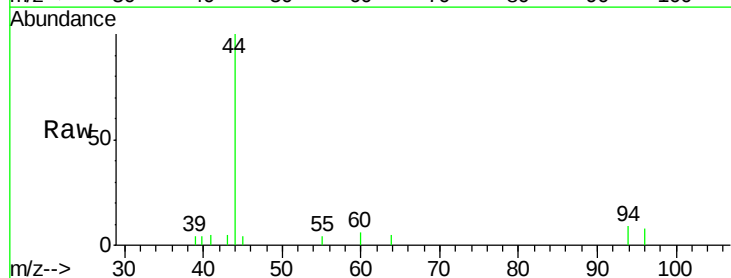
Acq: 11 Jul 2018 19:31

Tgt Ion: 94 Resp: 362

Ion Ratio Lower Upper

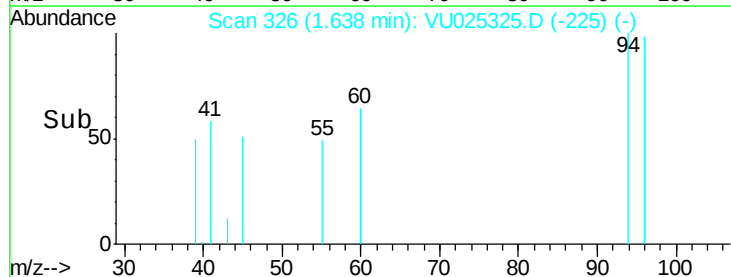
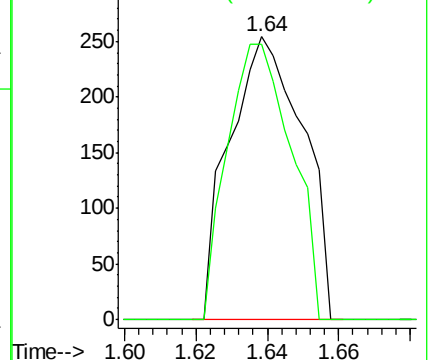
94 100

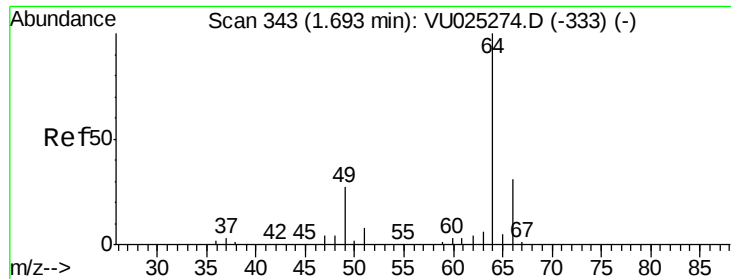
96 97.6 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0





#6

Chloroethane

Concen: 0.36 ug/l

RT: 1.68 min Scan# 338

Delta R.T. -0.02 min

Lab File: VU025325.D

Acq: 11 Jul 2018 19:31

Instrument :

MSVOA_U

ClientSampleId :

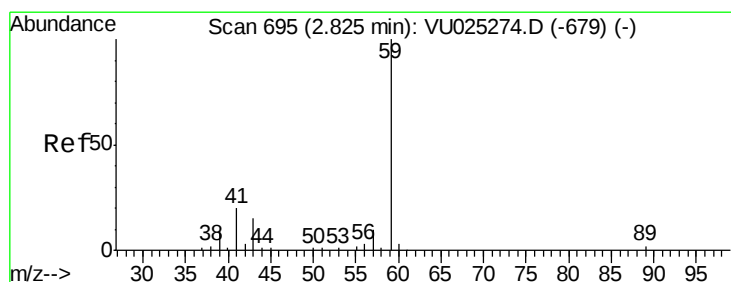
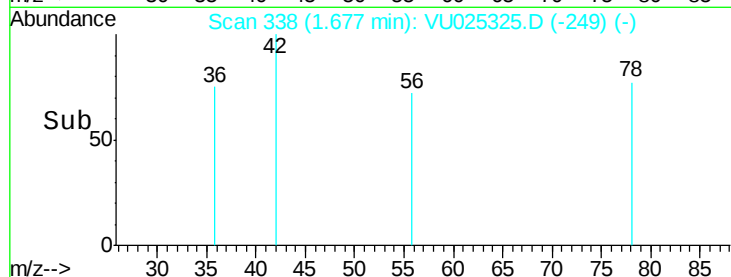
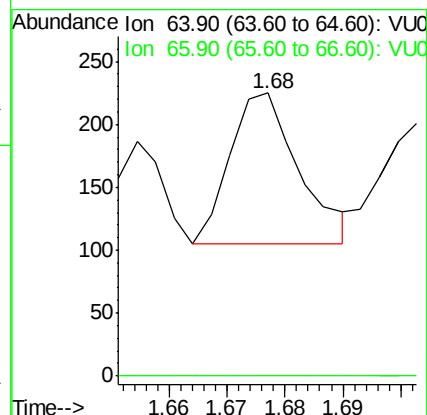
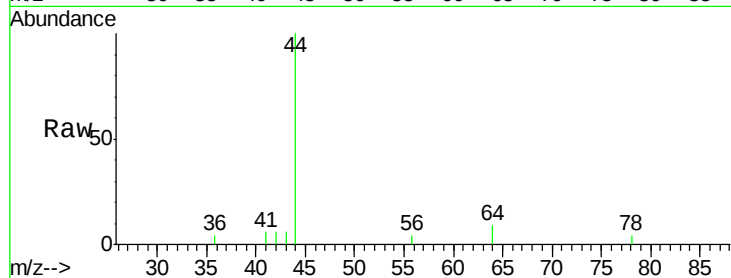
SS038RW151-180709

Tot Ion: 64 Resp: 99

Ion Ratio Lower Upper

64 100

66 0.0 25.0 37.4#



#11

Tert butyl alcohol

Concen: 3.66 ug/l

RT: 2.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VU025325.D

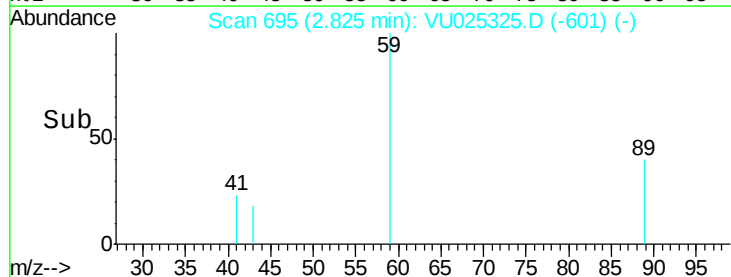
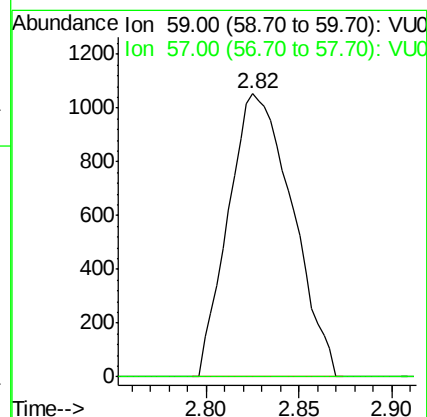
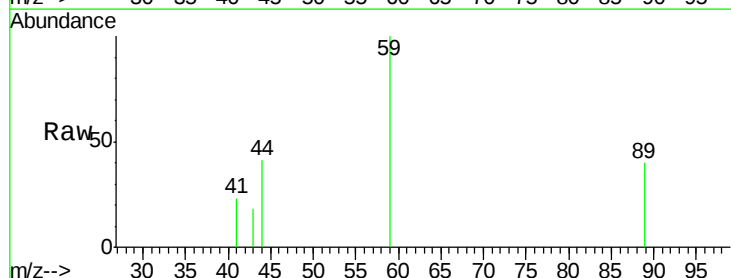
Acq: 11 Jul 2018 19:31

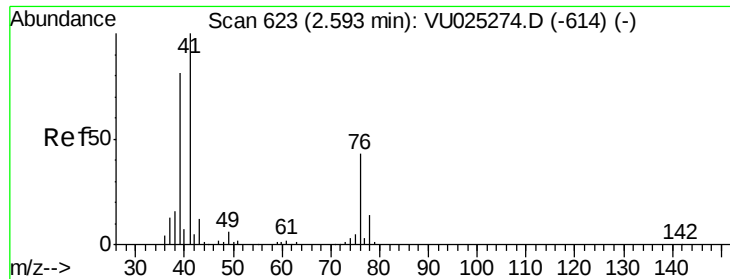
Tgt Ion: 59 Resp: 2523

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#

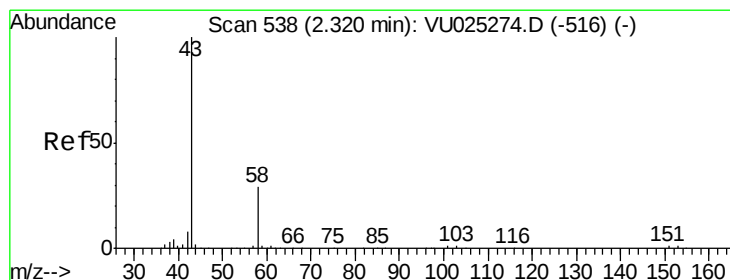
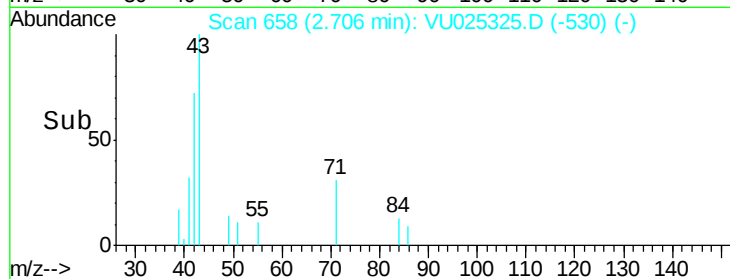
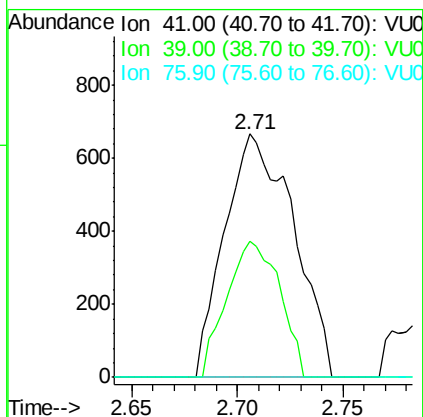
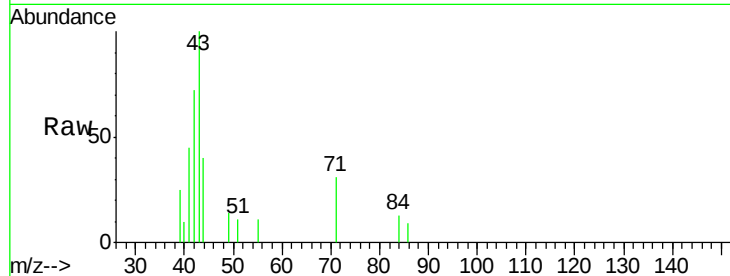




#14
Allvl chloride
Concen: 0.40 ug/l
RT: 2.71 min Scan# 658
Delta R.T. 0.11 min
Lab File: VU025325.D
Acq: 11 Jul 2018 19:31

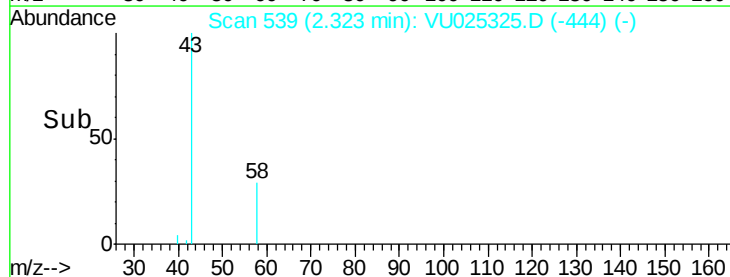
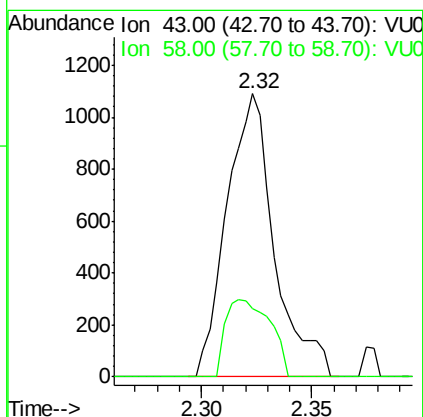
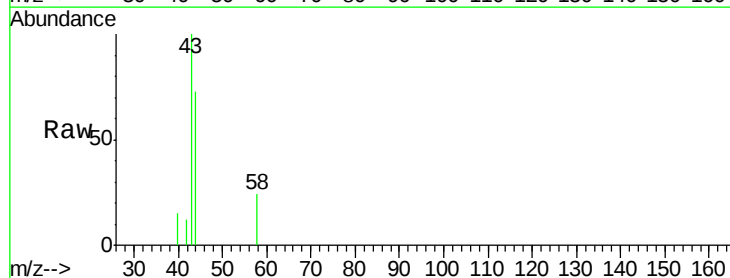
Instrument :
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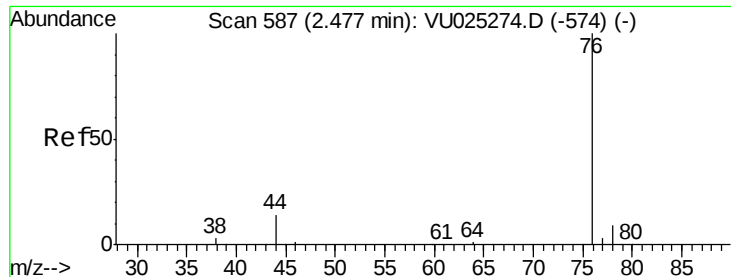
Tot Ion: 41 Resp: 1509
Ion Ratio Lower Upper
41 100
39 43.1 60.6 91.0#
76 0.0 30.5 45.7#



#16
Acetone
Concen: 5.86 ug/l
RT: 2.32 min Scan# 539
Delta R.T. 0.00 min
Lab File: VU025325.D
Acq: 11 Jul 2018 19:31

Tgt Ion: 43 Resp: 1631
Ion Ratio Lower Upper
43 100
58 24.0 23.1 34.7





#17

Carbon Disulfide

Concen: 2.00 ug/l

RT: 2.48 min Scan# 587

Delta R.T. 0.00 min

Lab File: VU025325.D

Acq: 11 Jul 2018 19:31

Instrument :

MSVOA_U

ClientSampleId :

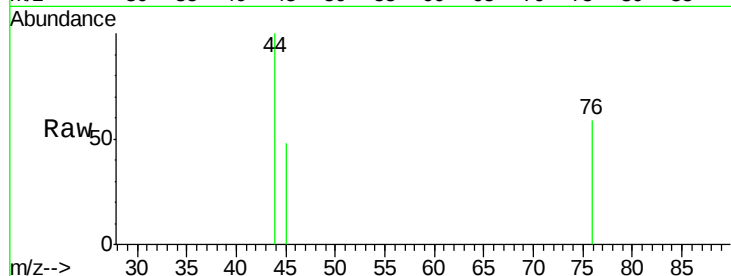
SS038RW151-180709

Tot Ion: 76 Resp: 459

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.2#



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0

2.48

300

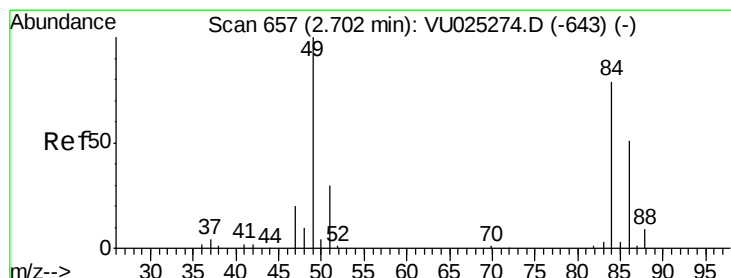
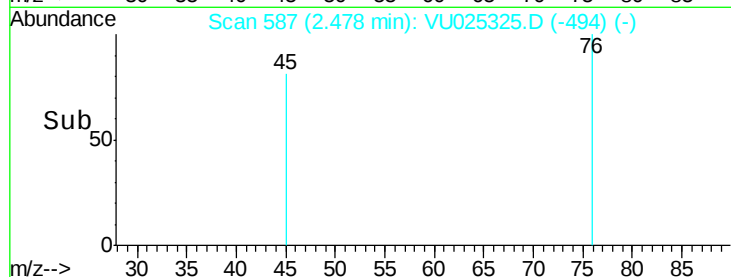
200

100

0

2.46 2.48 2.50

Time-->



#20

Methylene Chloride

Concen: 0.76 ug/l

RT: 2.71 min Scan# 658

Delta R.T. 0.00 min

Lab File: VU025325.D

Acq: 11 Jul 2018 19:31

Tgt Ion: 84 Resp: 181

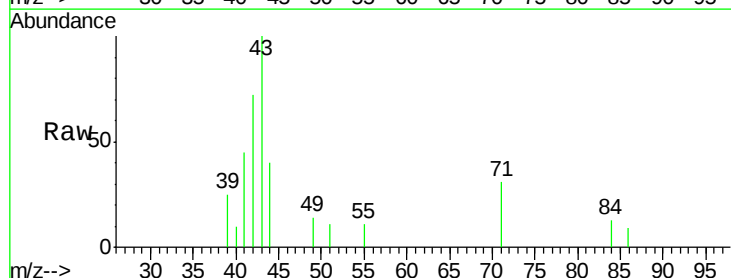
Ion Ratio Lower Upper

84 100

49 53.1 101.8 152.6#

51 87.0 30.8 46.2#

86 66.7 51.9 77.9



Abundance Ion 83.90 (83.60 to 84.60): VU0

Ion 48.90 (48.60 to 49.60): VU0

Ion 50.90 (50.60 to 51.60): VU0

Ion 85.90 (85.60 to 86.60): VU0

2.71

300

250

200

150

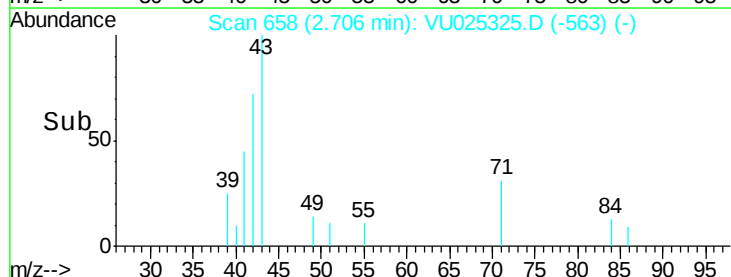
100

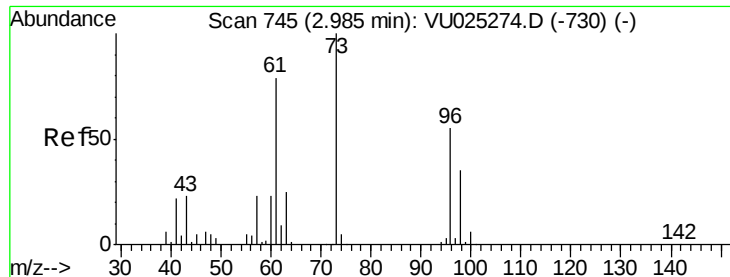
50

0

2.68 2.70 2.72

Time-->





#21

trans-1,2-Dichloroethene

Concen: 0.63 ug/l

RT: 2.99 min Scan# 747

Delta R.T. 0.01 min

Lab File: VU025325.D

Acq: 11 Jul 2018 19:31

Instrument :

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SS038RW151-180709

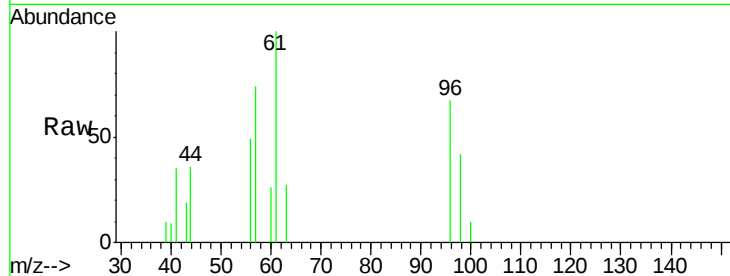
Tot Ion: 96 Resp: 1493

Ion Ratio Lower Upper

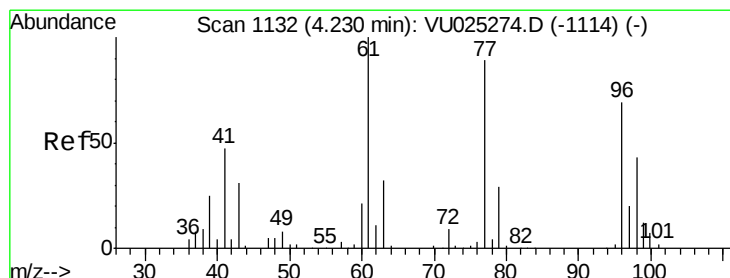
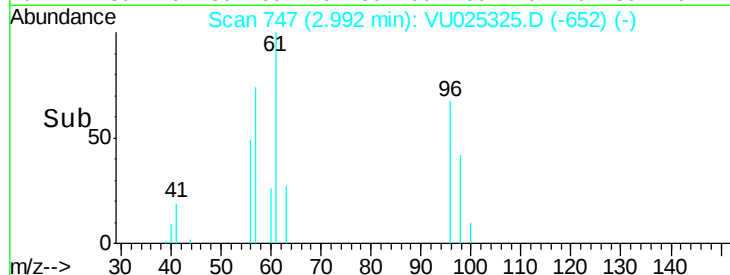
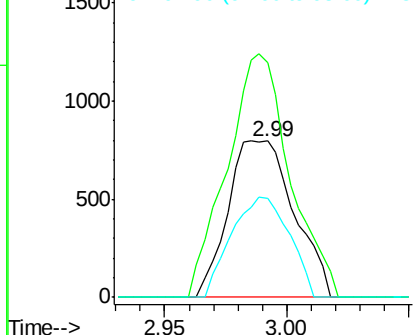
96 100

61 150.1 114.5 171.7

98 63.7 50.5 75.7



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



#27

cis-1,2-Dichloroethene

Concen: 193.60 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU025325.D

Acq: 11 Jul 2018 19:31

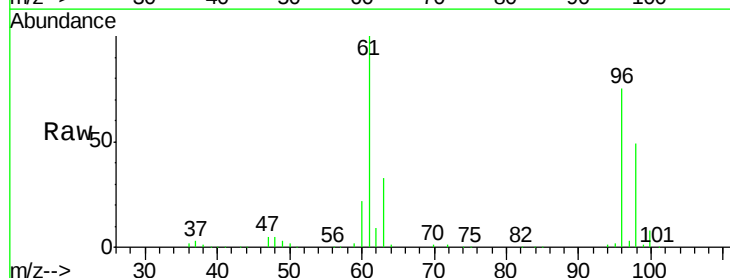
Tgt Ion: 96 Resp: 528026

Ion Ratio Lower Upper

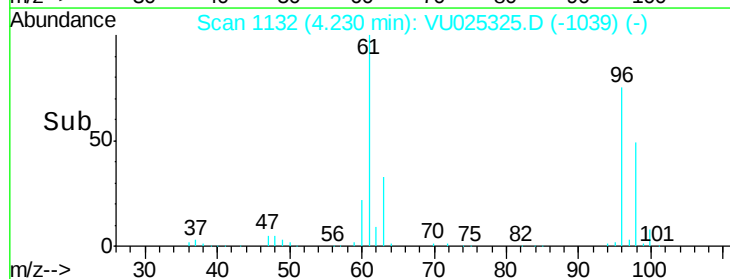
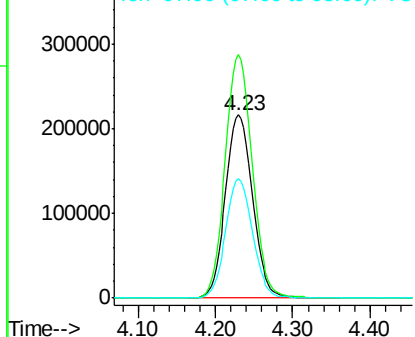
96 100

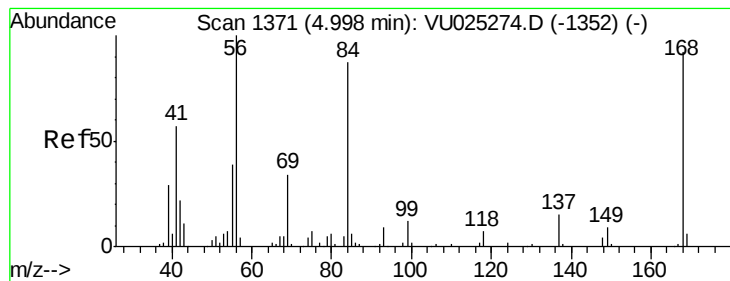
61 132.3 0.0 299.8

98 64.8 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





#31

Cyclohexane

Concen: 1.84 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VU025325.D

Acq: 11 Jul 2018 19:31

Instrument :

MSVOA_U

ClientSampleId :

SS038RW151-180709

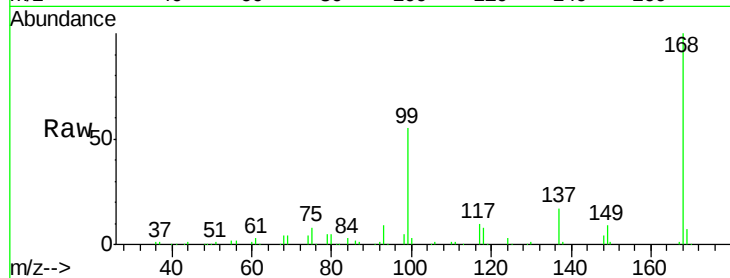
Tot Ion: 56 Resp: 4427

Ion Ratio Lower Upper

56 100

69 159.5 26.8 40.2#

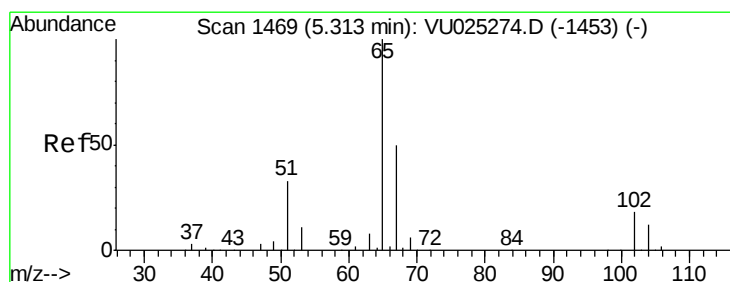
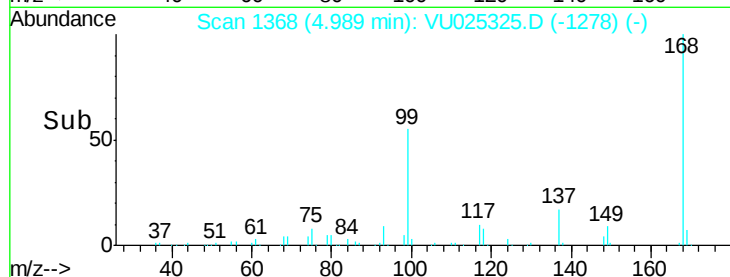
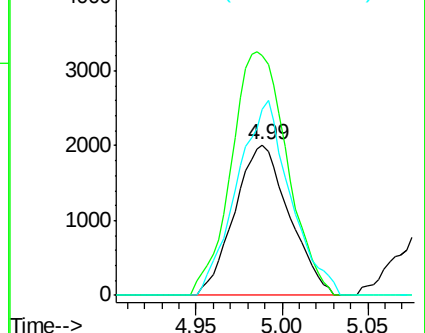
84 123.6 69.7 104.5#



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: 49.13 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025325.D

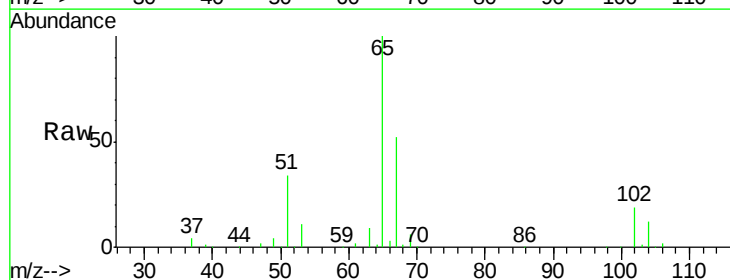
Acq: 11 Jul 2018 19:31

Tgt Ion: 65 Resp: 155332

Ion Ratio Lower Upper

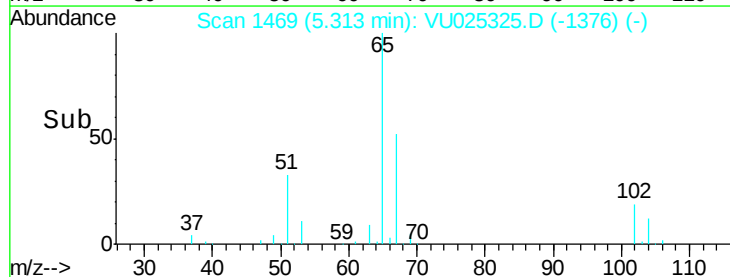
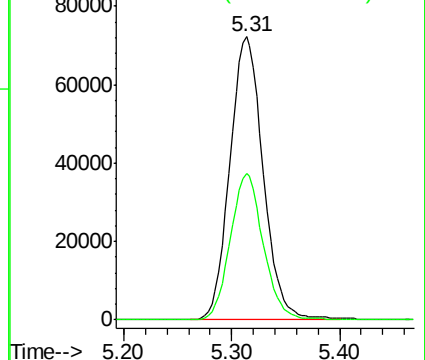
65 100

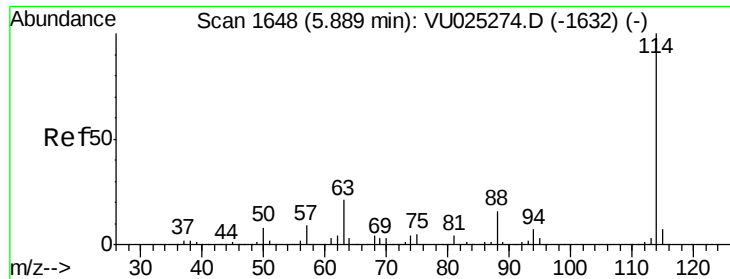
67 51.2 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

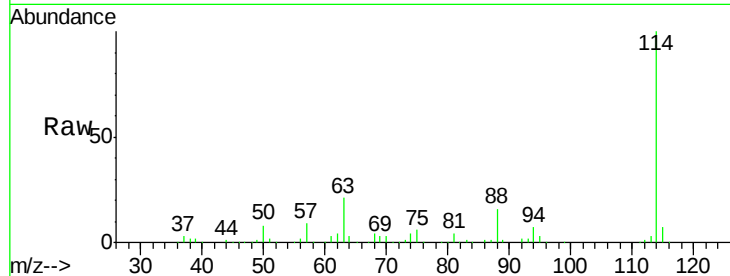




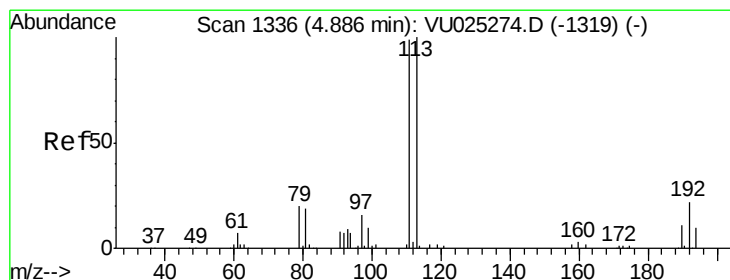
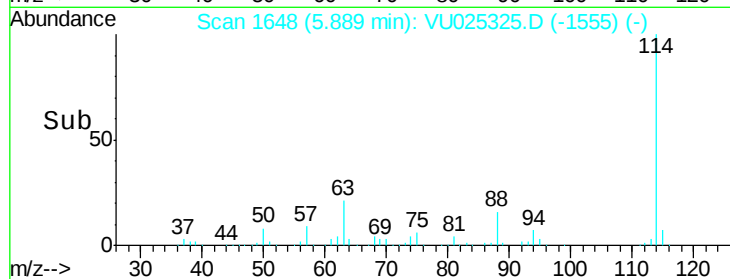
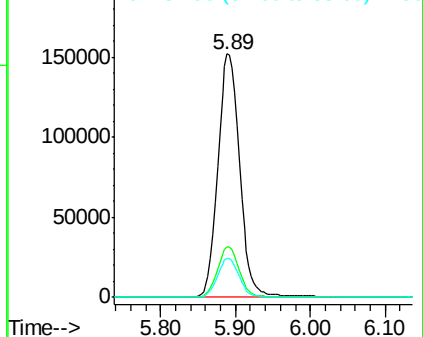
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: VU025325.D
 Acq: 11 Jul 2018 19:31

Instrument :
 MSVOA_U
 ClientSampleId :
 SS038RW151-180709

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	41.6
88	16.2	0.0	32.4

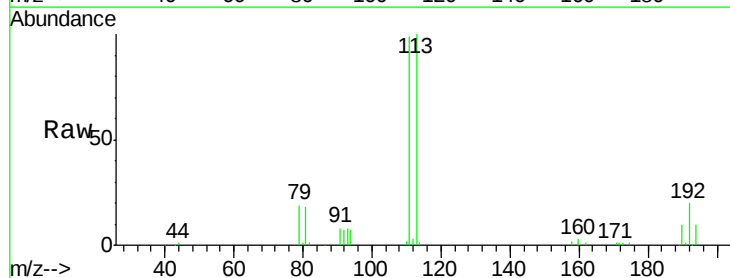


Abundance Ion 113.90 (113.60 to 114.60): V

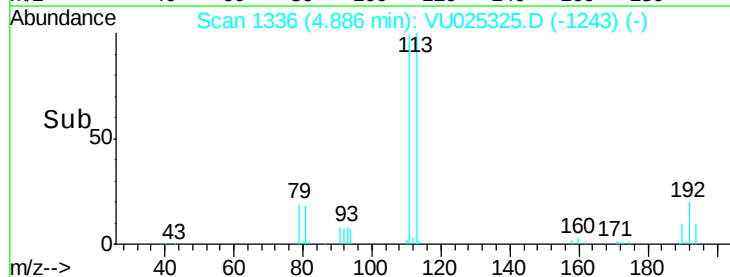
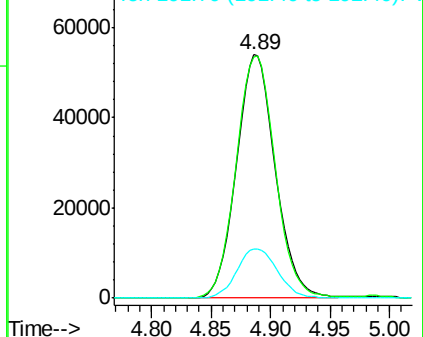


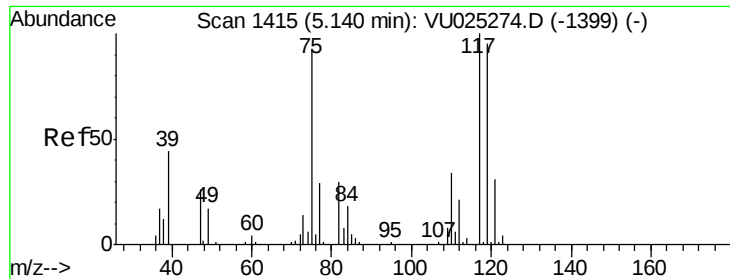
#35
 Dibromofluoromethane
 Concen: 47.02 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU025325.D
 Acq: 11 Jul 2018 19:31

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.5	81.7	122.5
192	21.1	17.1	25.7



Abundance Ion 112.80 (112.50 to 113.50): V

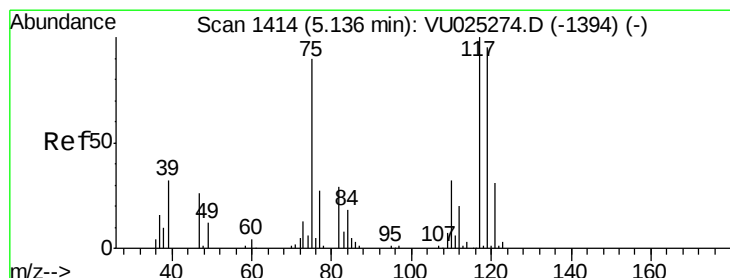
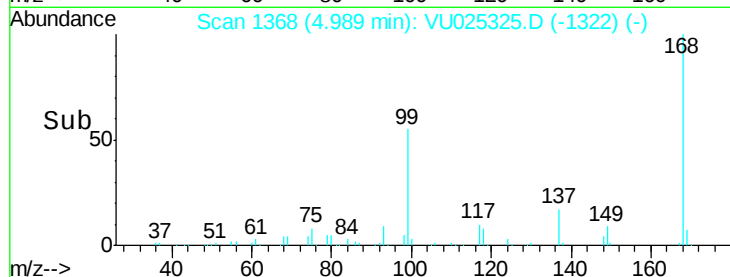
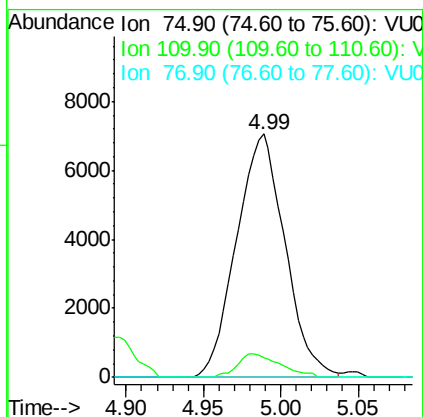
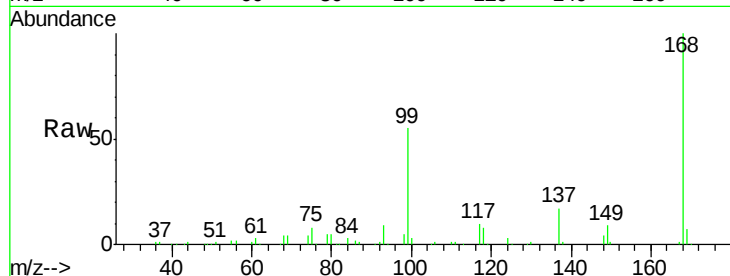




#36
 1,1-Dichloropropene
 Concen: 4.50 ug/l
 RT: 4.99 min Scan# 1368
 Delta R.T. -0.15 min
 Lab File: VU025325.D
 Acq: 11 Jul 2018 19:31

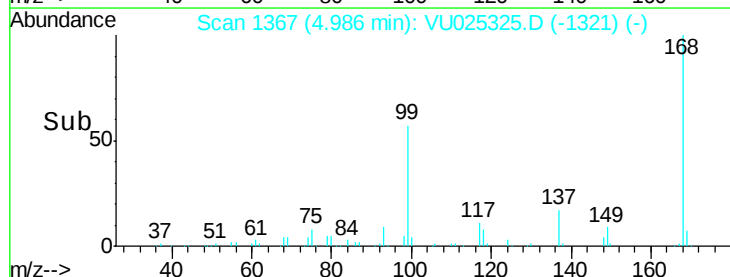
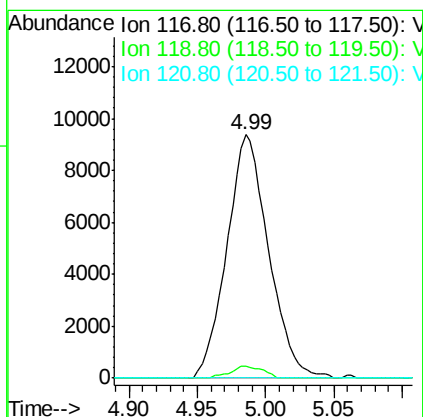
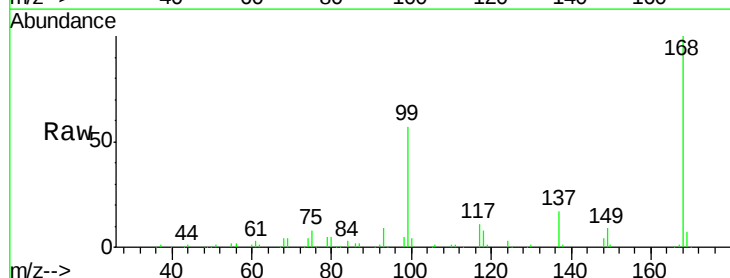
Instrument :
 MSVOA_U
 ClientSampleId :
 SS038RW151-180709

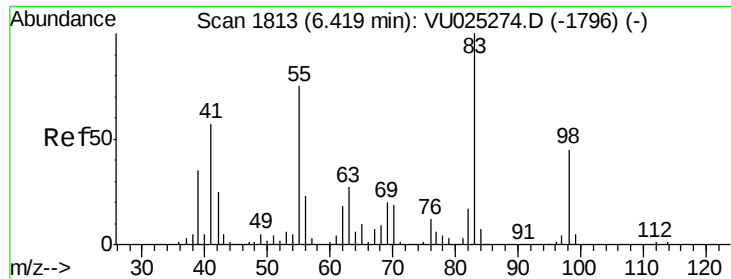
Tot Ion: 75 Resp: 15402
 Ion Ratio Lower Upper
 75 100
 110 8.6 17.6 52.9#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.40 ug/l
 RT: 4.99 min Scan# 1367
 Delta R.T. -0.15 min
 Lab File: VU025325.D
 Acq: 11 Jul 2018 19:31

Tgt Ion: 117 Resp: 19924
 Ion Ratio Lower Upper
 117 100
 119 4.9 75.7 113.5#
 121 0.0 24.6 36.8#

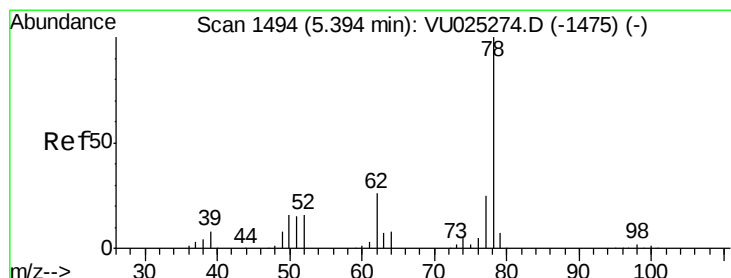
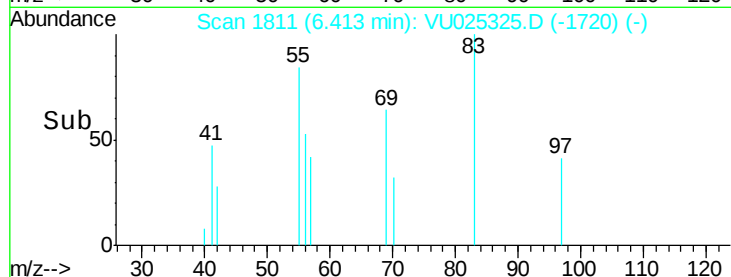
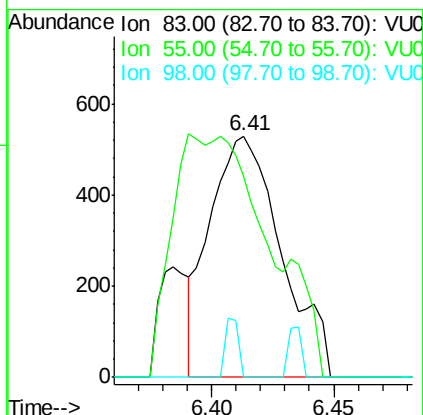
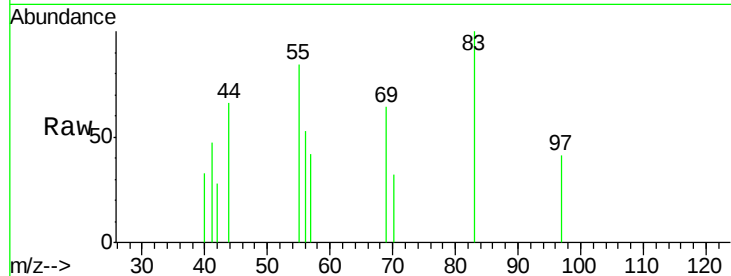




#39
Methylvlcvclohexane
Concen: 0.25 ug/l
RT: 6.41 min Scan# 1811
Delta R.T. -0.01 min
Lab File: VU025325.D
Acq: 11 Jul 2018 19:31

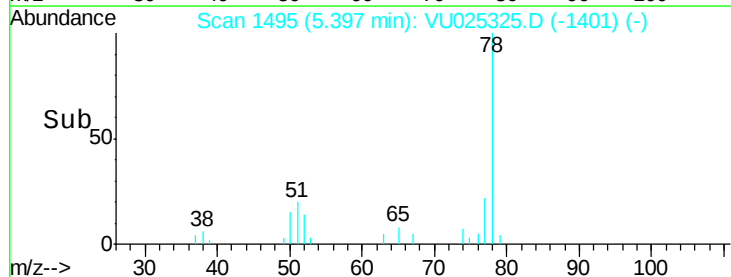
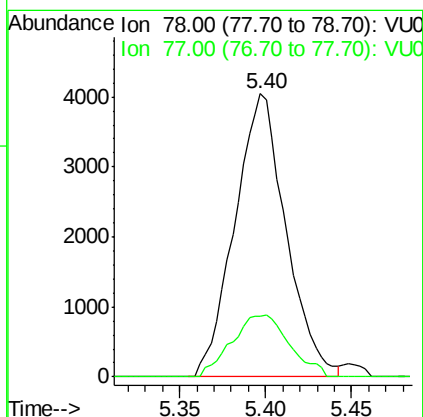
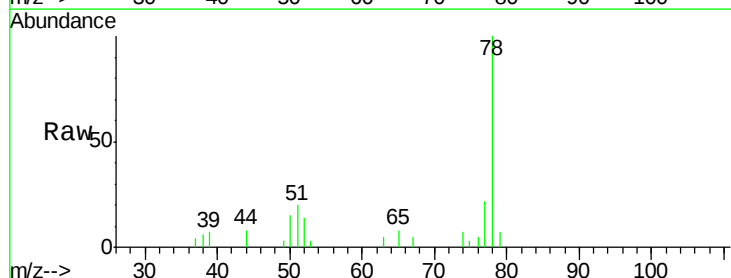
Instrument :
MSVOA_U
ClientSampleId :
SS038RW151-180709

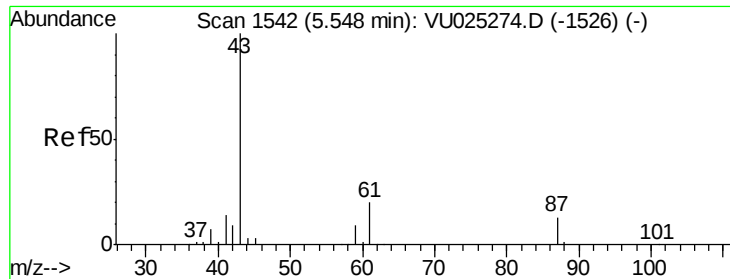
Tot Ion: 83 Resp: 1076
Ion Ratio Lower Upper
83 100
55 83.6 60.0 90.0
98 0.0 36.1 54.1#



#40
Benzene
Concen: 0.85 ug/l
RT: 5.40 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VU025325.D
Acq: 11 Jul 2018 19:31

Tgt Ion: 78 Resp: 8360
Ion Ratio Lower Upper
78 100
77 21.5 19.8 29.6





#43

Isopropyl Acetate

Concen: 0.30 ug/l

RT: 5.53 min Scan# 1537

Delta R.T. -0.02 min

Lab File: VU025325.D

Acq: 11 Jul 2018 19:31

Instrument :

MSVOA_U

ClientSampleId :

SS038RW151-180709

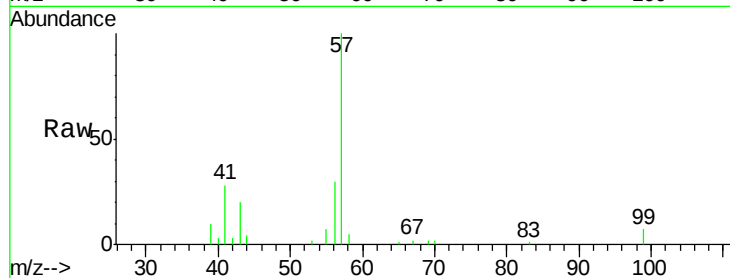
Tot Ion: 43 Resp: 1820

Ion Ratio Lower Upper

43 100

61 0.0 15.5 23.3#

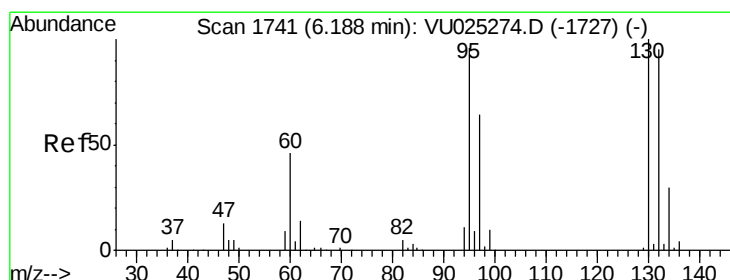
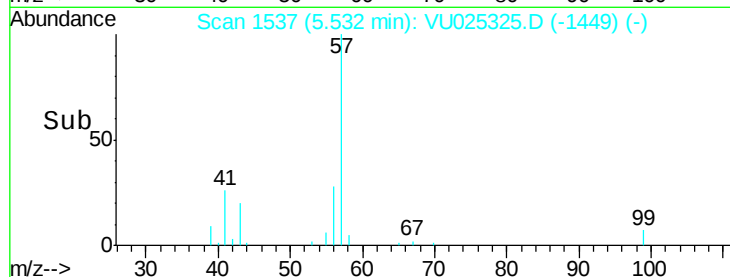
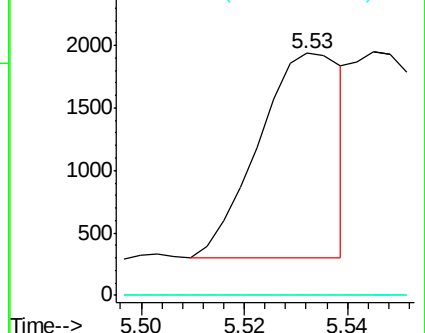
87 0.0 10.6 16.0#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#44

Trichloroethene

Concen: 2.67 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU025325.D

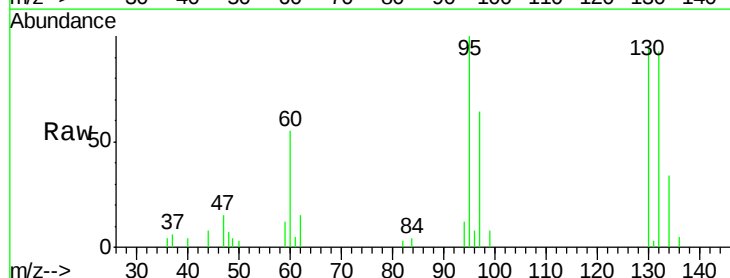
Acq: 11 Jul 2018 19:31

Tgt Ion:130 Resp: 7578

Ion Ratio Lower Upper

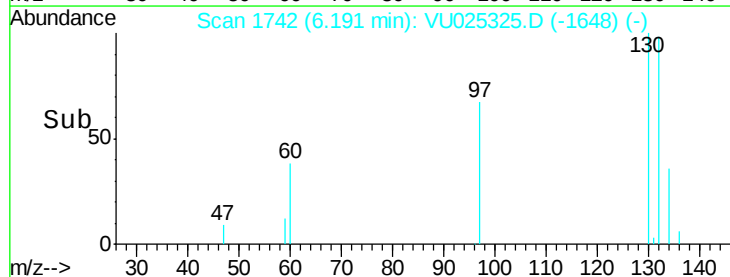
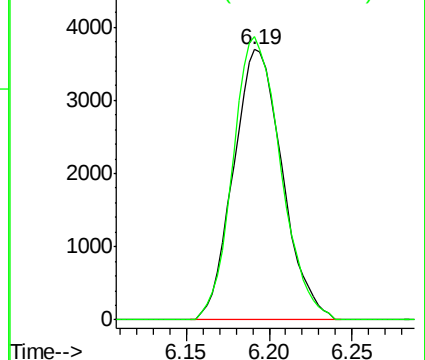
130 100

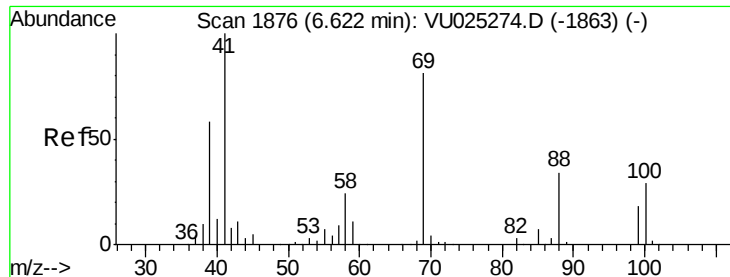
95 104.7 0.0 192.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0

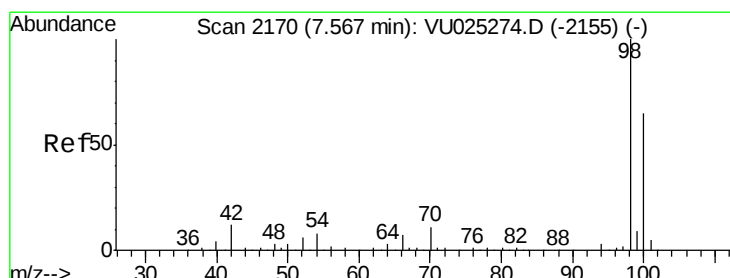
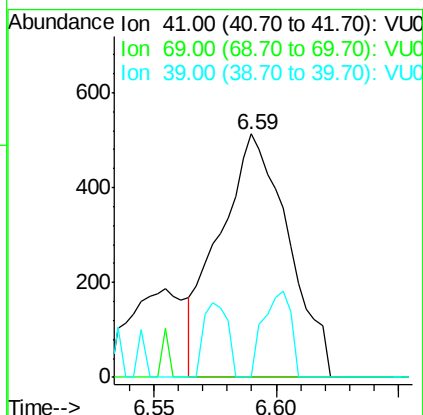
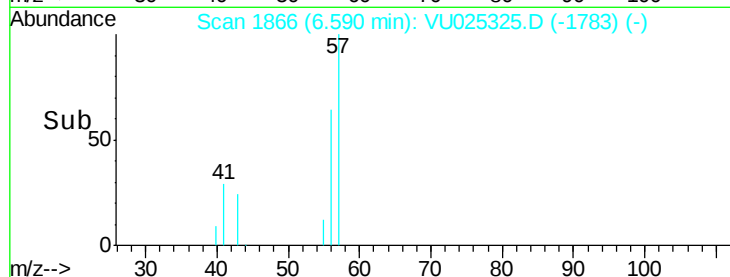
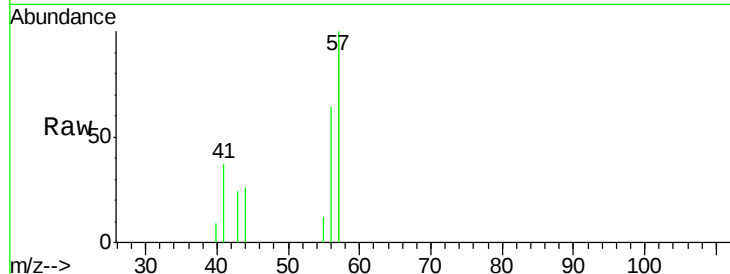




#48
Methvl methacrylate
Concen: 0.33 ug/l
RT: 6.59 min Scan# 1866
Delta R.T. -0.03 min
Lab File: VU025325.D
Acq: 11 Jul 2018 19:31

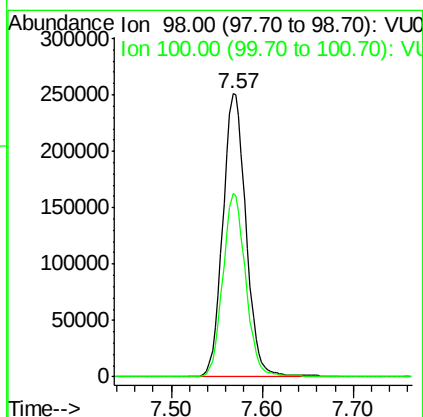
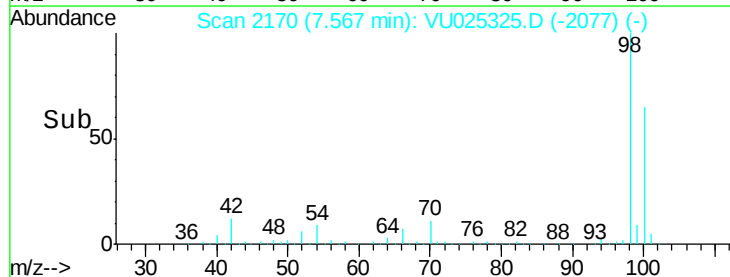
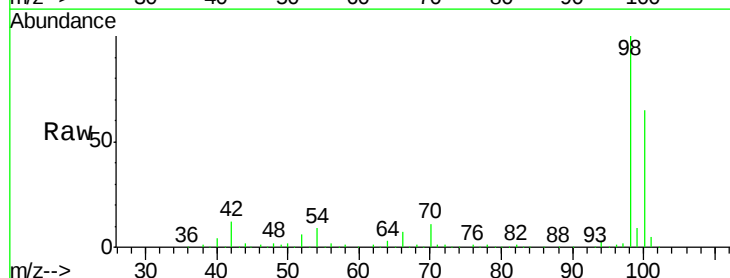
Instrument :
MSVOA_U
ClientSampleId :
SS038RW151-180709

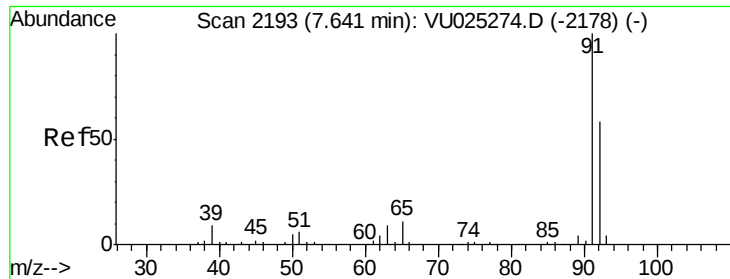
Tot Ion: 41 Resp: 1008
Ion Ratio Lower Upper
41 100
69 0.0 65.0 97.4#
39 14.1 46.4 69.6#



#50
Toluene-d8
Concen: 50.03 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VU025325.D
Acq: 11 Jul 2018 19:31

Tgt Ion: 98 Resp: 445341
Ion Ratio Lower Upper
98 100
100 63.8 51.1 76.7





#52

Toluene

Concen: 0.25 ug/l

RT: 7.65 min Scan# 2195

Delta R.T. 0.01 min

Lab File: VU025325.D

Acq: 11 Jul 2018 19:31

Instrument :

MSVOA_U

ClientSampleId :

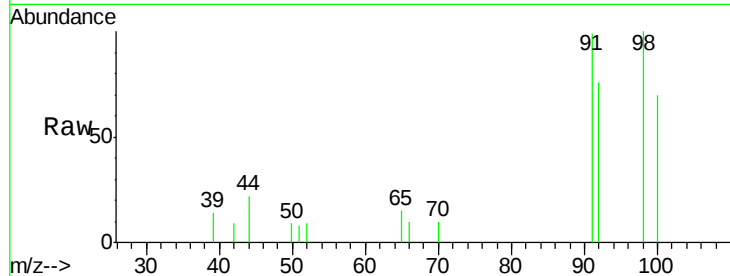
SS038RW151-180709

Tot Ion: 92 Resp: 1563

Ion Ratio Lower Upper

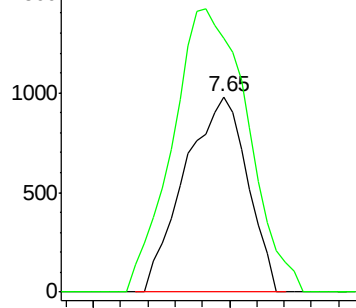
92 100

91 174.1 139.2 208.8

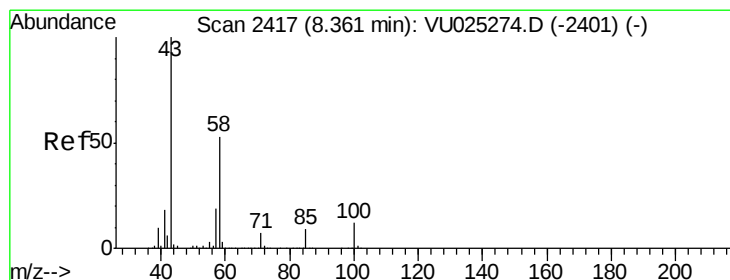
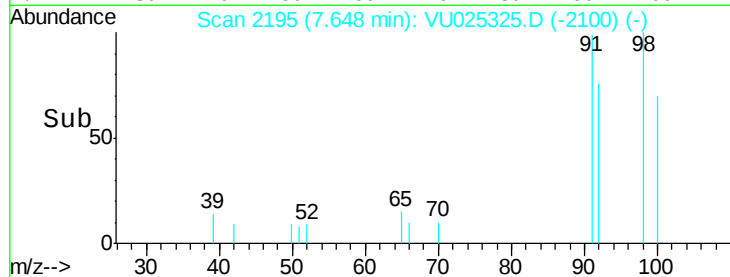


Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



Time-->



#59

2-Hexanone

Concen: 0.63 ug/l

RT: 8.17 min Scan# 2357

Delta R.T. -0.19 min

Lab File: VU025325.D

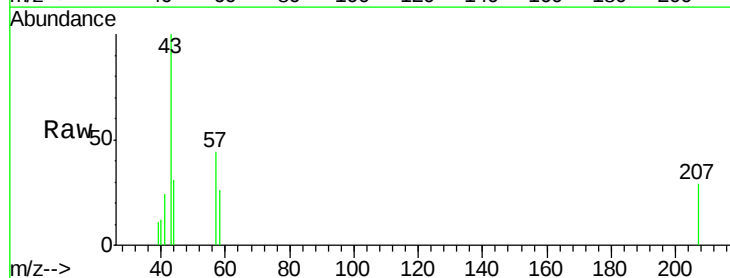
Acq: 11 Jul 2018 19:31

Tgt Ion: 43 Resp: 2042

Ion Ratio Lower Upper

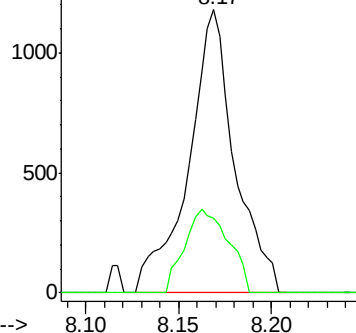
43 100

58 28.0 26.2 78.5

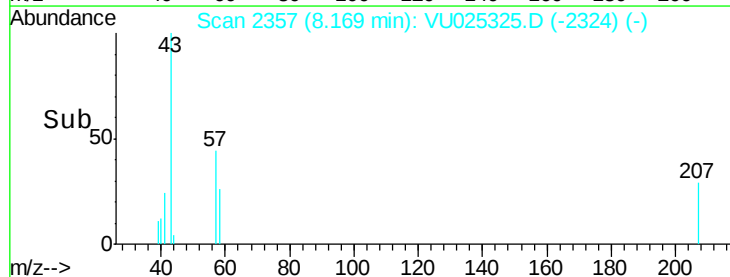


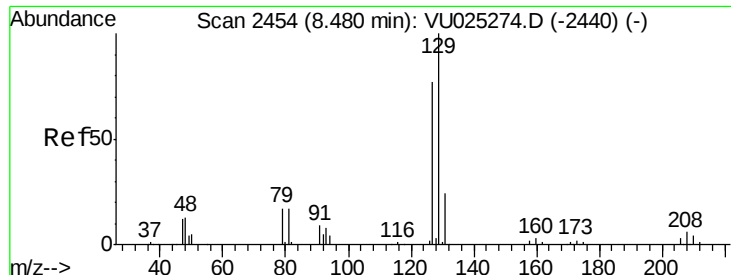
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



Time-->

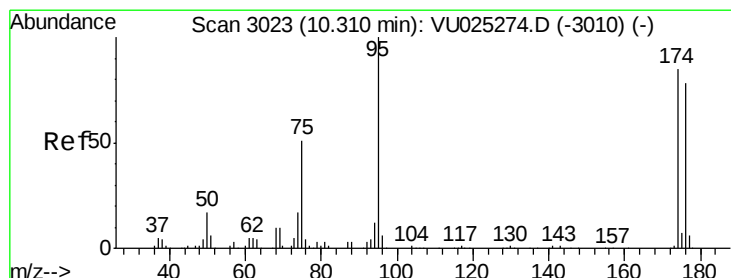
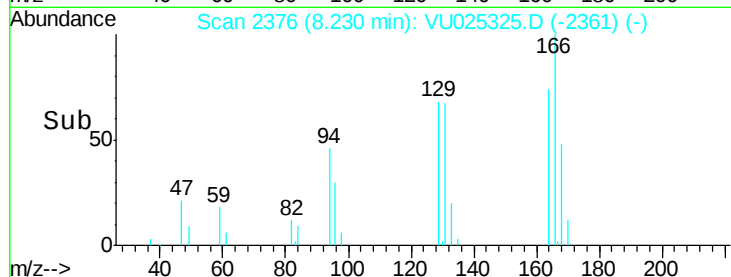
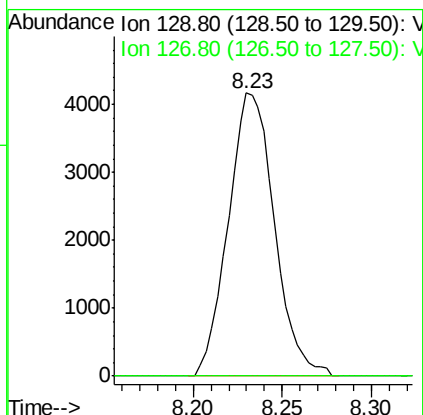
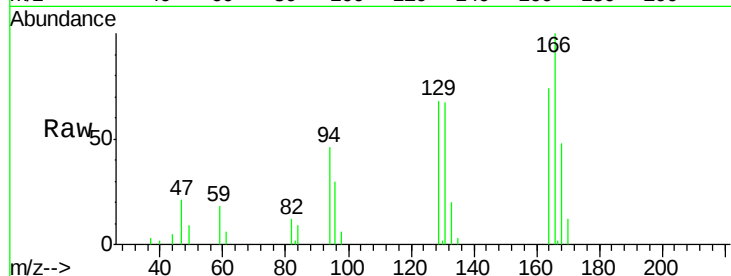




#60
Dibromochloromethane
Concen: 2.65 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. -0.25 min
Lab File: VU025325.D
Acq: 11 Jul 2018 19:31

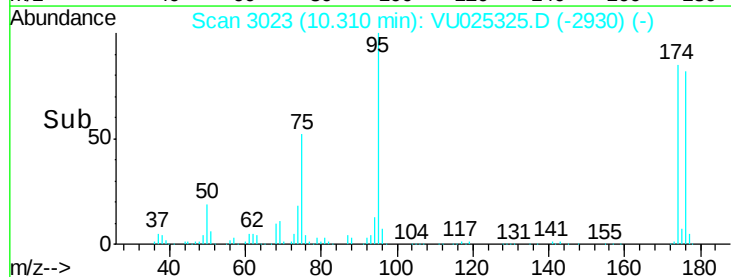
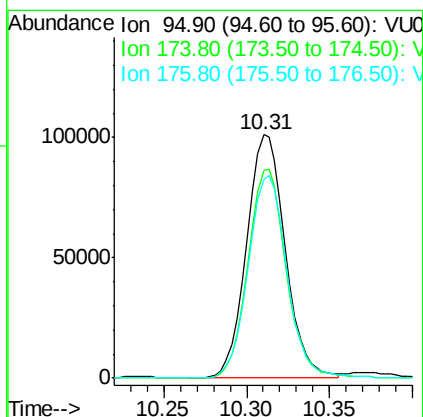
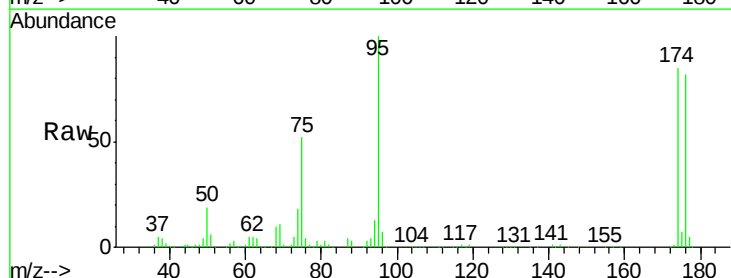
Instrument :
MSVOA_U
ClientSampleId :
SS038RW151-180709

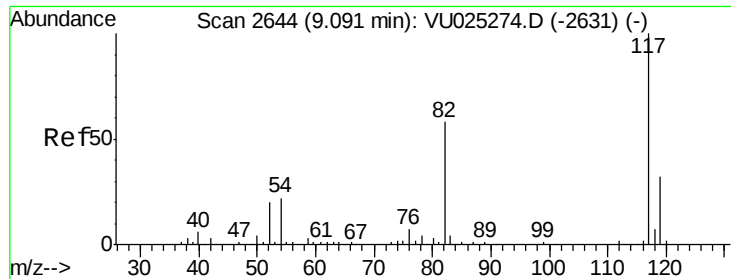
Tot Ion:129 Resp: 7485
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#



#62
4-Bromofluorobenzene
Concen: 45.71 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025325.D
Acq: 11 Jul 2018 19:31

Tgt Ion: 95 Resp: 163820
Ion Ratio Lower Upper
95 100
174 85.7 0.0 172.2
176 84.3 0.0 162.6

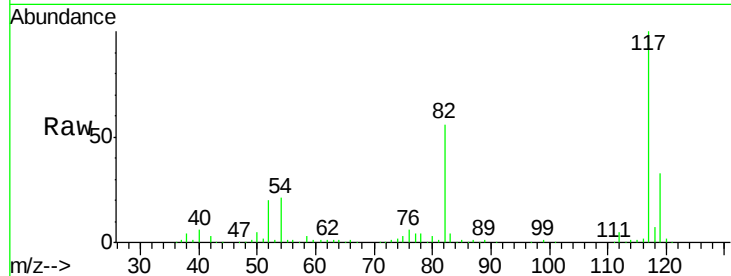




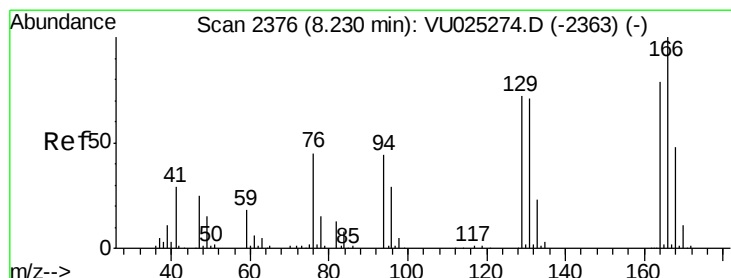
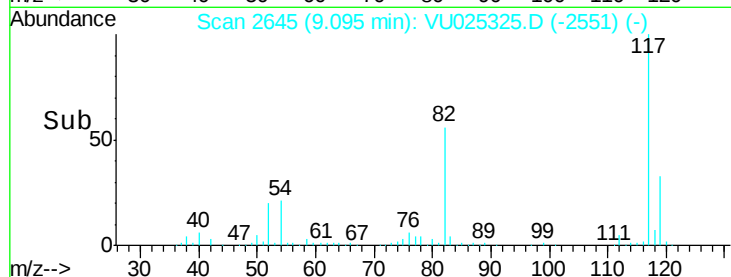
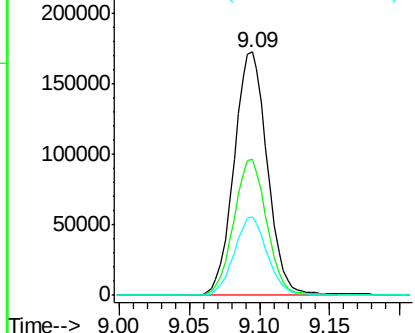
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025325.D
Acq: 11 Jul 2018 19:31

Instrument :
MSVOA_U
ClientSampleId :
SS038RW151-180709

Tot Ion:117 Resp: 284870
Ion Ratio Lower Upper
117 100
82 55.8 46.0 69.0
119 32.5 26.0 39.0

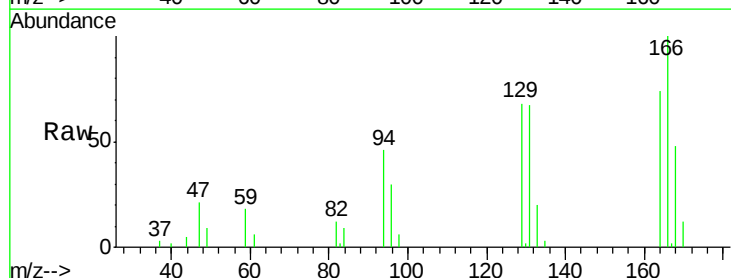


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

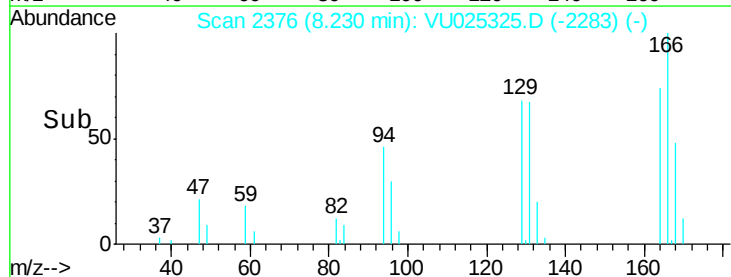
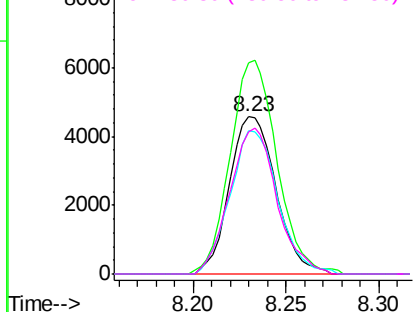


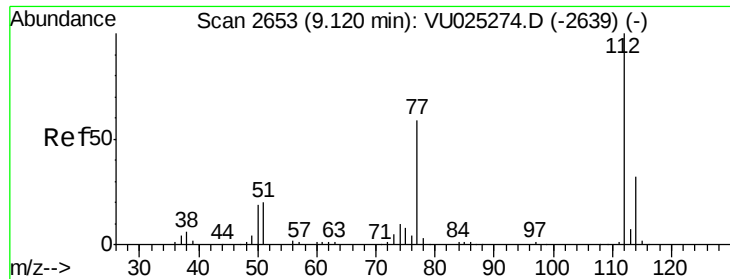
#64
Tetrachloroethene
Concen: 3.07 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025325.D
Acq: 11 Jul 2018 19:31

Tgt Ion:164 Resp: 7978
Ion Ratio Lower Upper
164 100
166 134.8 101.1 151.7
129 91.2 73.0 109.6
131 90.4 72.1 108.1



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

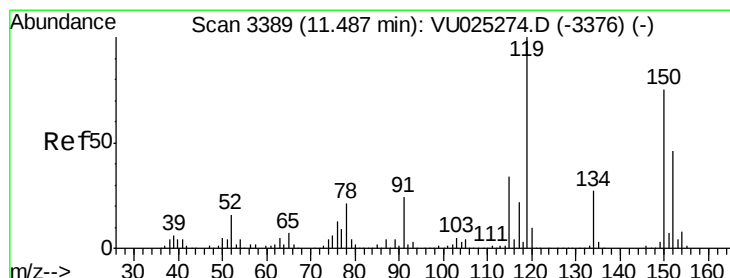
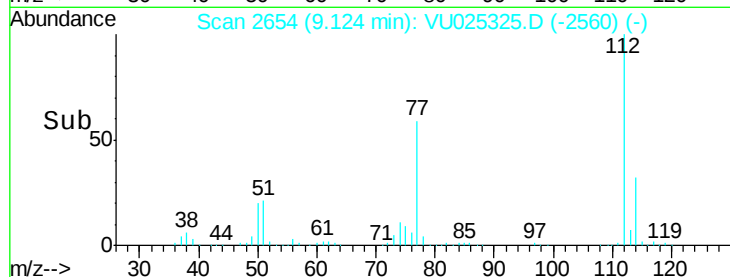
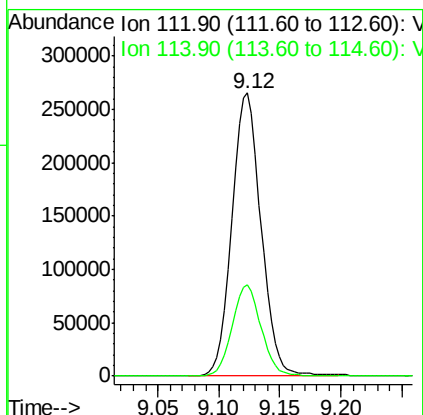
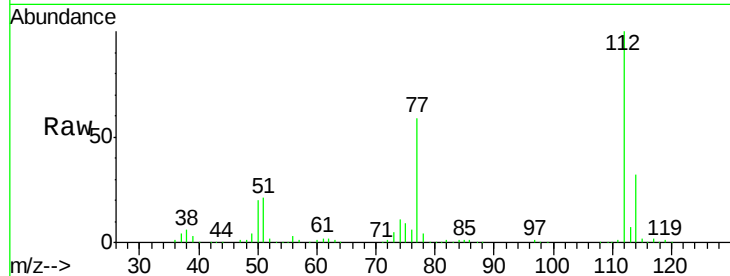




#65
Chlorobenzene
Concen: 62.12 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025325.D
Acq: 11 Jul 2018 19:31

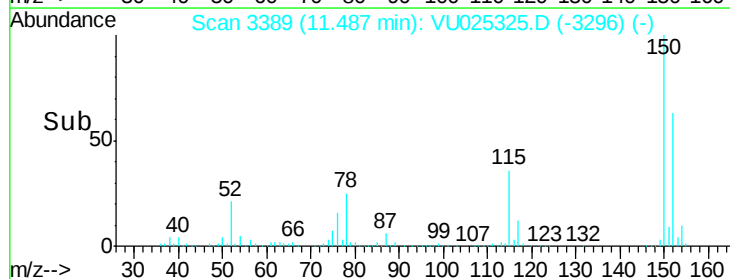
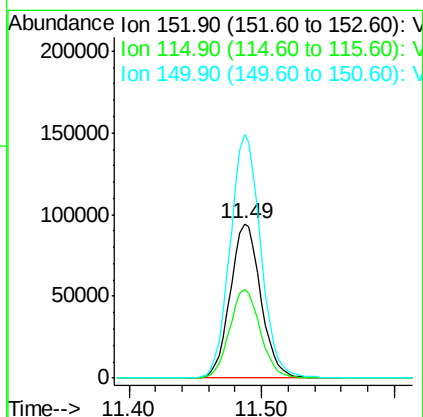
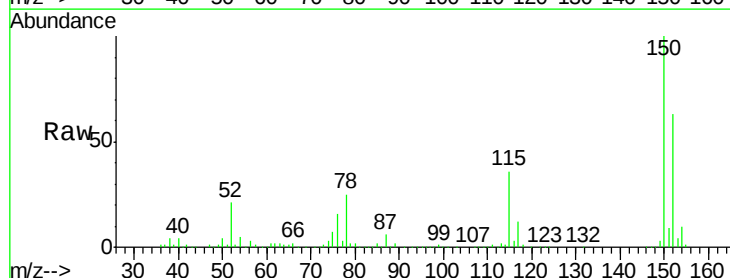
Instrument :
MSVOA_U
ClientSampleId :
SS038RW151-180709

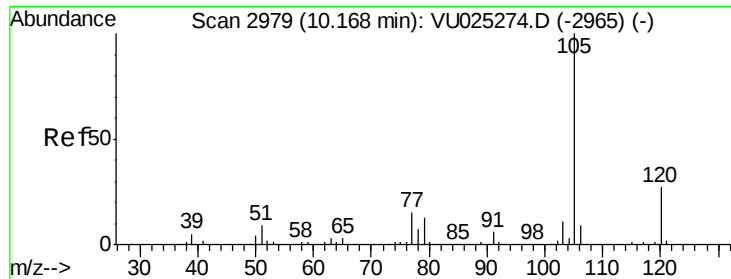
Tot Ion:112 Resp: 442092
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU025325.D
Acq: 11 Jul 2018 19:31

Tgt Ion:152 Resp: 151085
Ion Ratio Lower Upper
152 100
115 57.7 40.1 120.3
150 158.0 0.0 351.4





#73

Isopropylbenzene

Concen: 0.88 ug/l

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU025325.D

Acq: 11 Jul 2018 19:31

Instrument :

MSVOA_U

ClientSampleId :

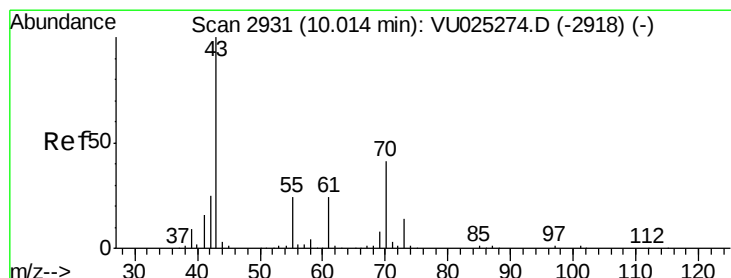
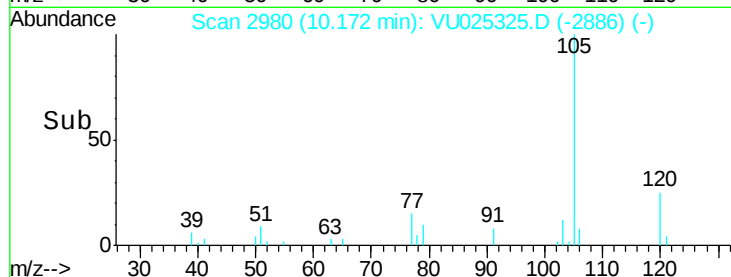
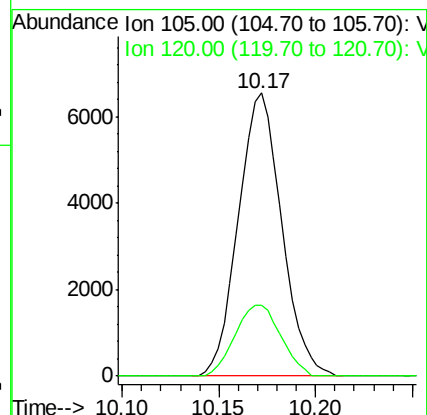
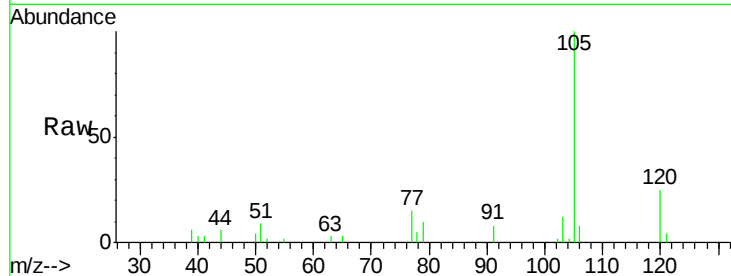
SS038RW151-180709

Tot Ion: 105 Resp: 10195

Ion Ratio Lower Upper

105 100

120 26.6 13.5 40.5



#74

N-ethyl acetate

Concen: 1.34 ug/l

RT: 9.95 min Scan# 2911

Delta R.T. -0.06 min

Lab File: VU025325.D

Acq: 11 Jul 2018 19:31

Tgt Ion: 43 Resp: 365

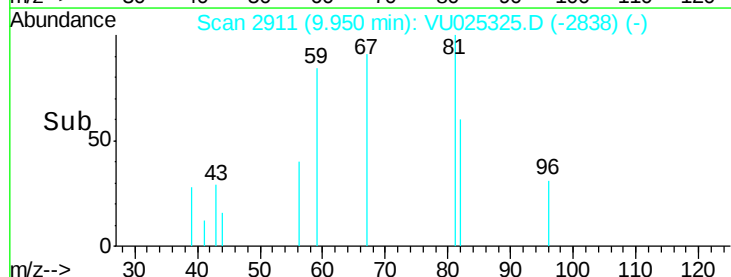
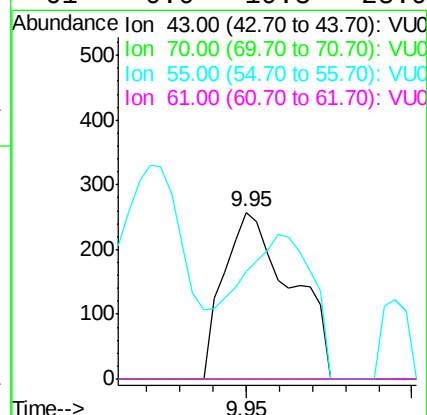
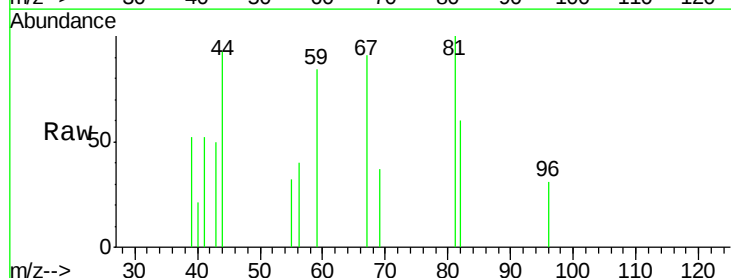
Ion Ratio Lower Upper

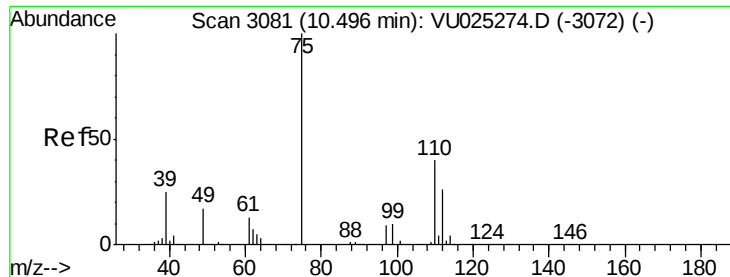
43 100

70 0.0 33.4 50.2#

55 92.9 19.0 28.6#

61 0.0 19.3 28.9#





#76

1,2,3-Trichloropropane

Concen: 27.85 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU025325.D

Acq: 11 Jul 2018 19:31

Instrument :

MSVOA_U

ClientSampleId :

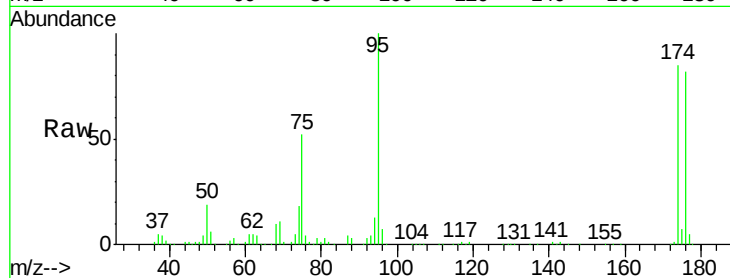
SS038RW151-180709

Tot Ion: 75 Resp: 85629

Ion Ratio Lower Upper

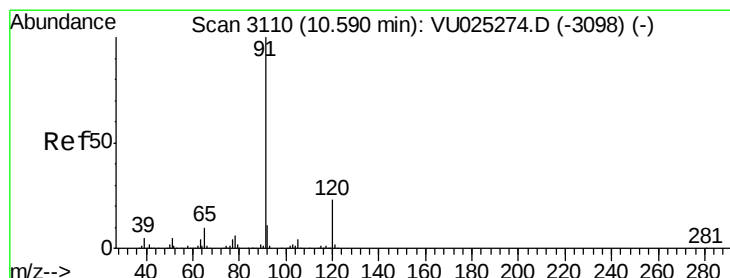
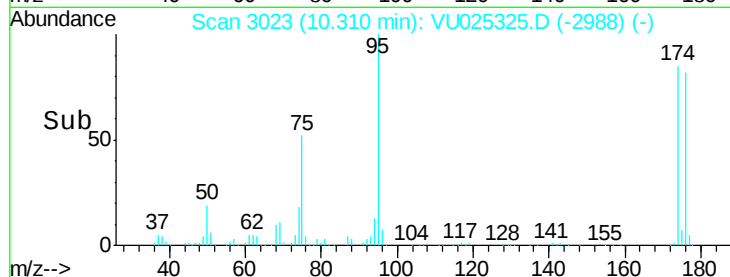
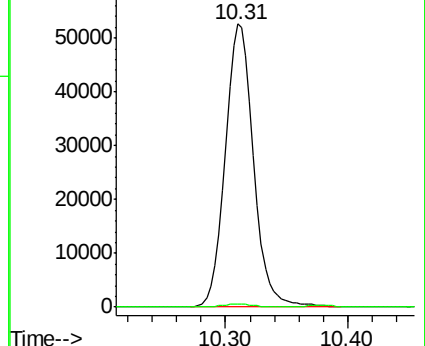
75 100

77 1.2 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: 0.25 ug/l

RT: 10.59 min Scan# 3111

Delta R.T. 0.00 min

Lab File: VU025325.D

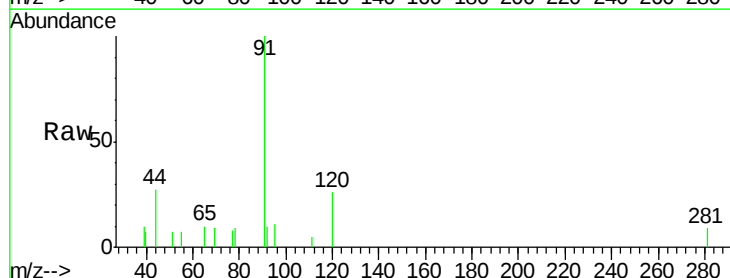
Acq: 11 Jul 2018 19:31

Tgt Ion: 91 Resp: 3178

Ion Ratio Lower Upper

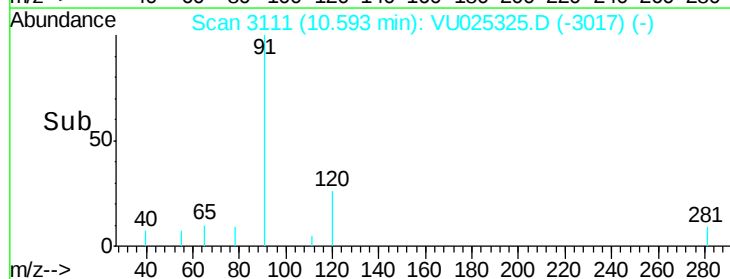
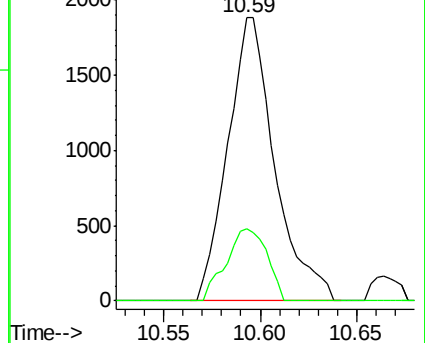
91 100

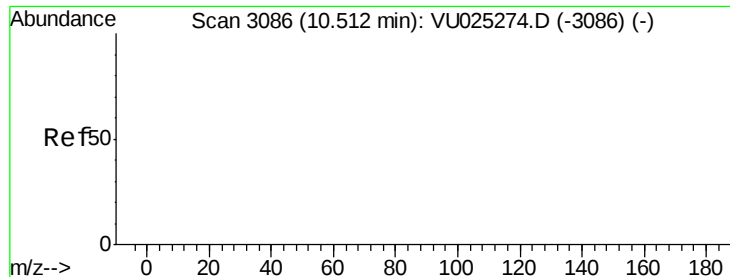
120 22.1 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 71.14 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.20 min

Lab File: VU025325.D

Acq: 11 Jul 2018 19:31

Instrument :

MSVOA_U

ClientSampleId :

SS038RW151-180709

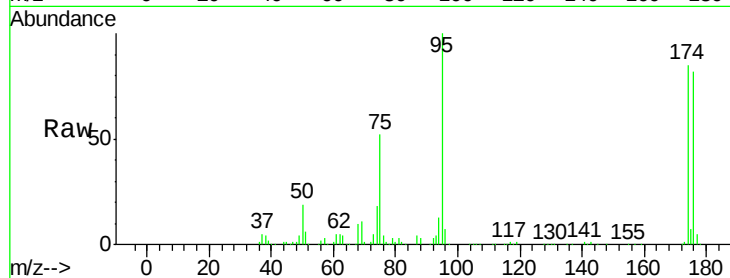
Tot Ion: 75 Resp: 85629

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

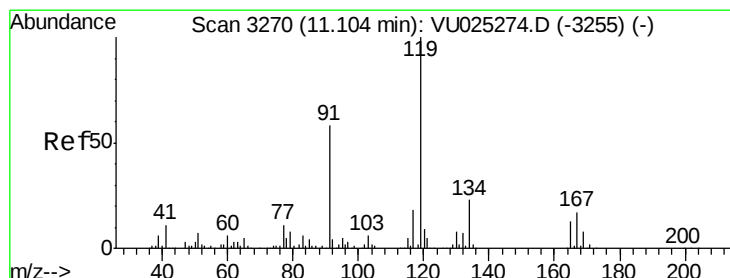
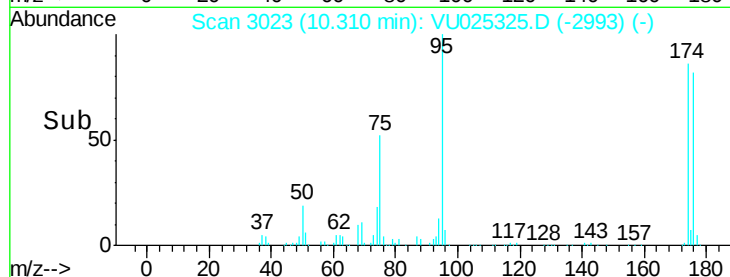
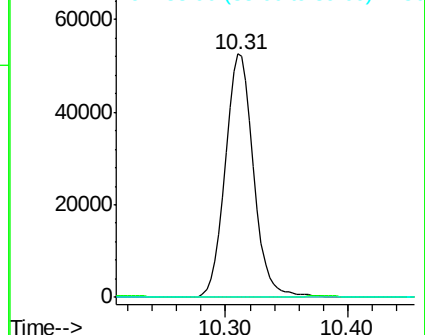
89 0.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): 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: 2.70 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. 0.00 min

Lab File: VU025325.D

Acq: 11 Jul 2018 19:31

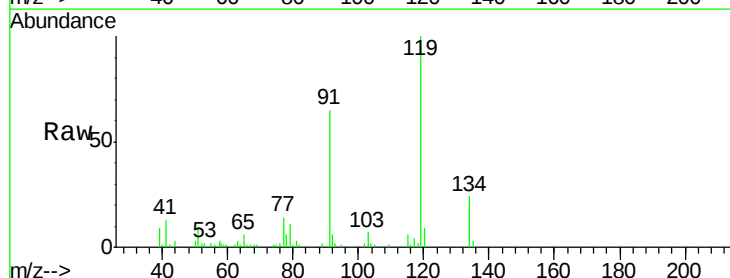
Tgt Ion: 119 Resp: 26524

Ion Ratio Lower Upper

119 100

91 67.8 29.7 89.1

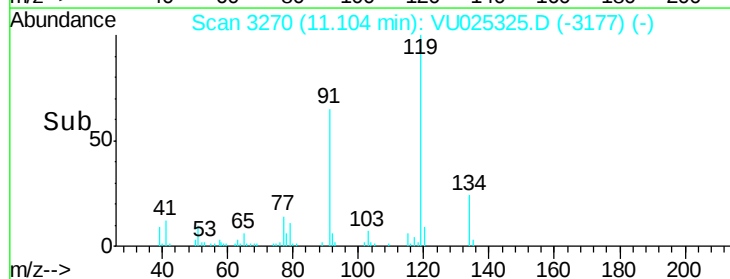
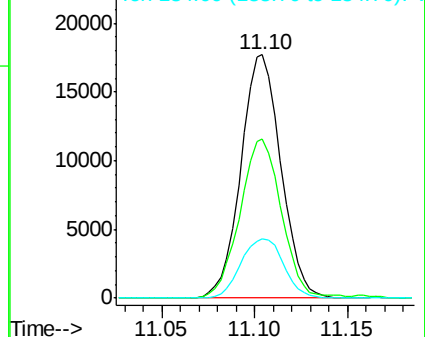
134 26.0 11.5 34.5

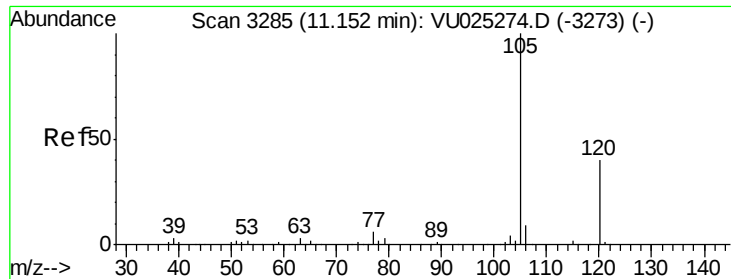


Abundance Ion 119.00 (118.70 to 119.70): VU025274.D (-3255) (-)

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

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





#84

1,2,4-Trimethylbenzene

Concen: 1.95 ug/l

RT: 11.33 min Scan# 3340

Delta R.T. 0.18 min

Lab File: VU025325.D

Acq: 11 Jul 2018 19:31

Instrument:

MSVOA_U

ClientSampleId:

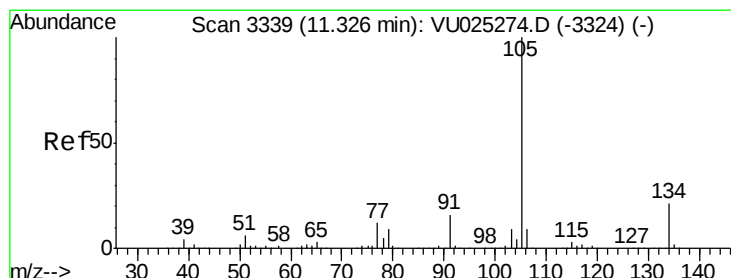
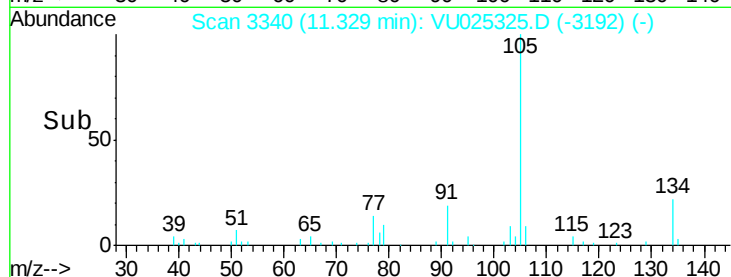
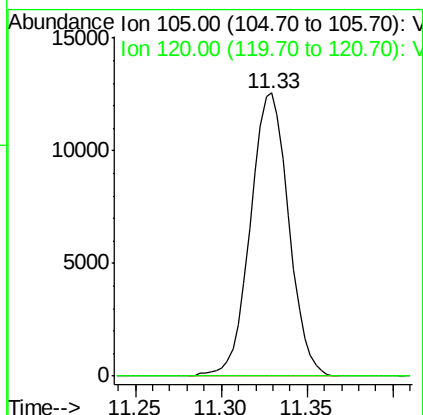
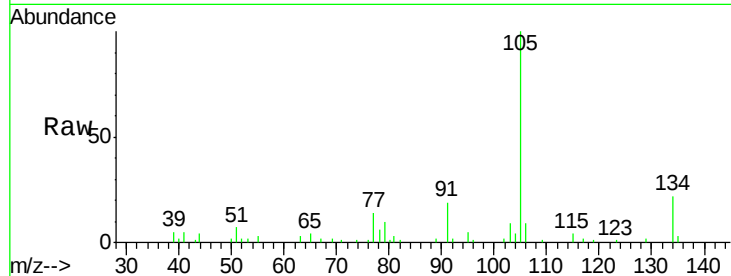
SS038RW151-180709

Tot Ion:105 Resp: 19369

Ion Ratio Lower Upper

105 100

120 0.0 22.3 66.8#



#85

sec-Butylbenzene

Concen: 1.68 ug/l

RT: 11.33 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VU025325.D

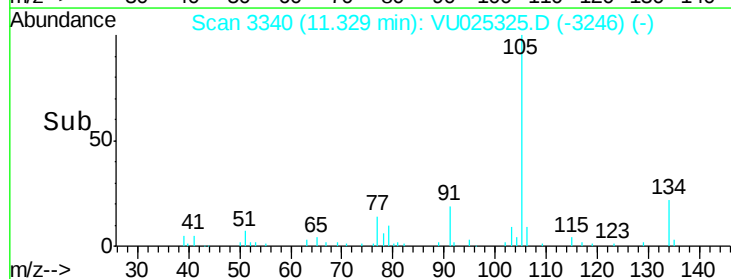
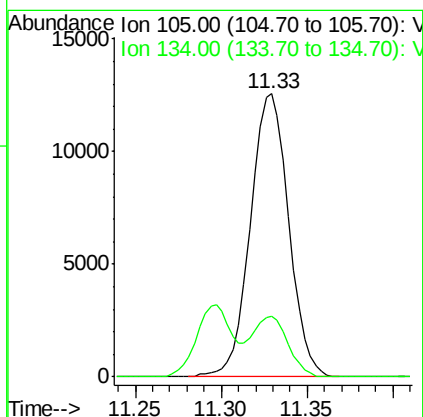
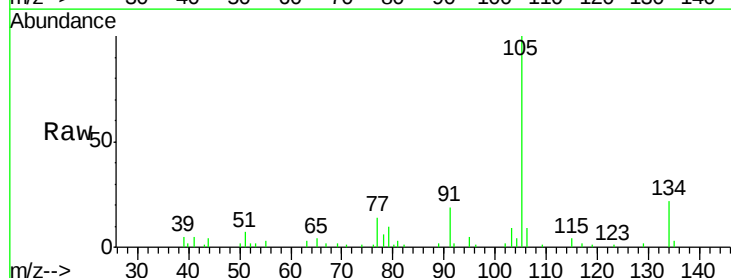
Acq: 11 Jul 2018 19:31

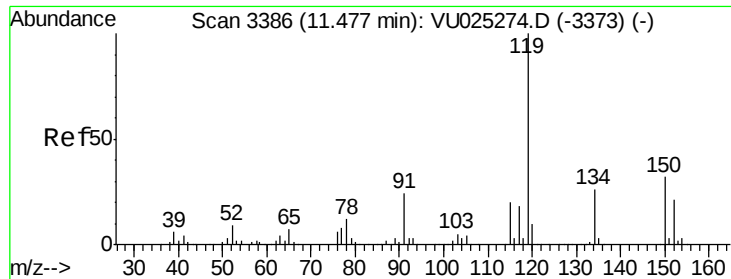
Tgt Ion:105 Resp: 19369

Ion Ratio Lower Upper

105 100

134 19.4 10.3 30.8

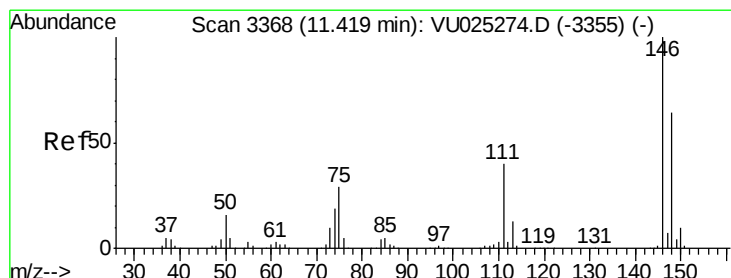
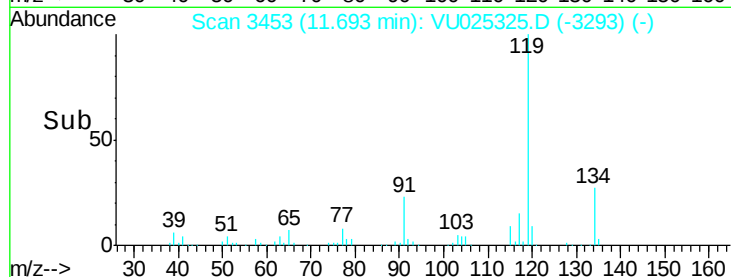
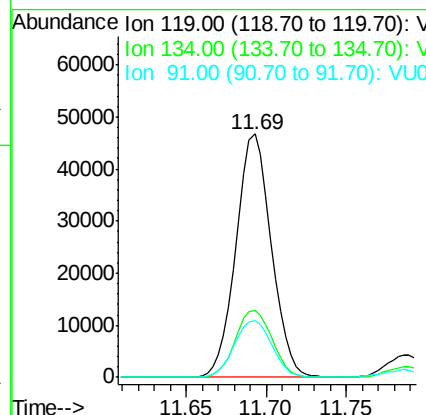
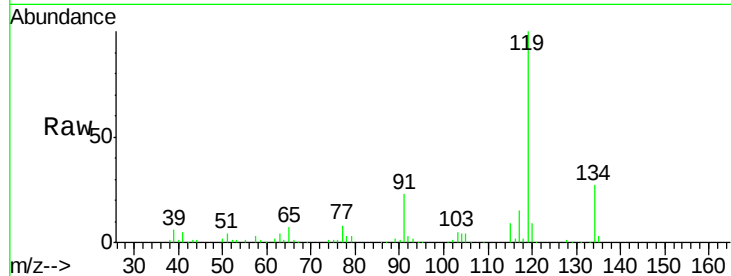




#86
 p-Isopropyltoluene
 Concen: 6.85 ug/l
 RT: 11.69 min Scan# 3453
 Delta R.T. 0.22 min
 Lab File: VU025325.D
 Acq: 11 Jul 2018 19:31

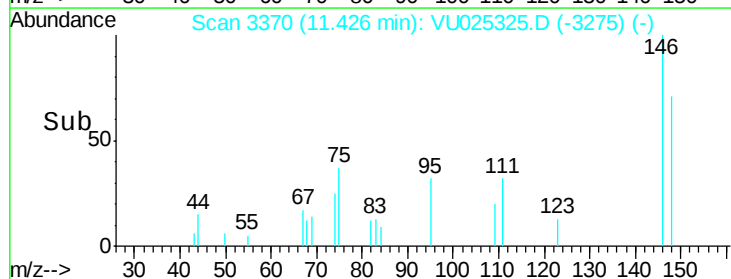
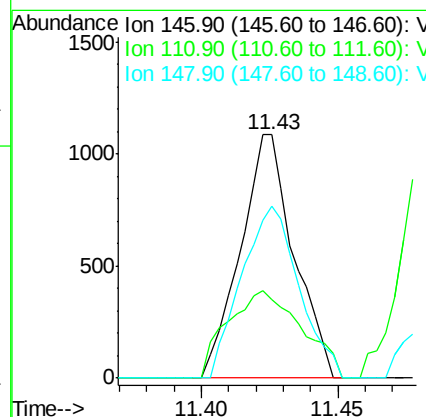
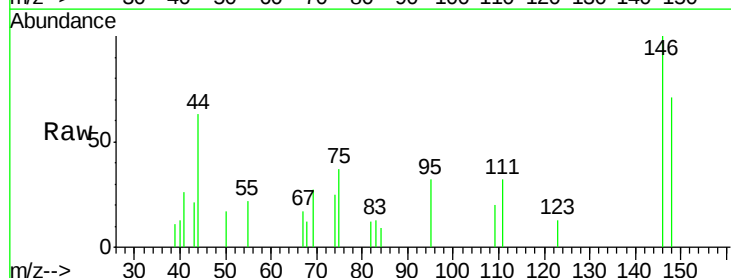
Instrument :
 MSVOA_U
 ClientSampleId :
 SS038RW151-180709

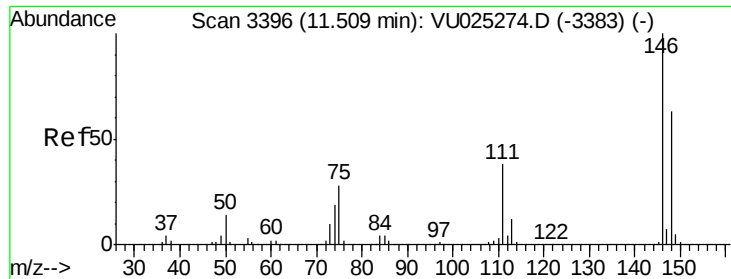
Tot Ion	Ratio	Lower	Upper
119	100		
134	28.6	13.2	39.5
91	25.0	12.0	36.1



#87
 1,3-Dichlorobenzene
 Concen: 0.27 ug/l
 RT: 11.43 min Scan# 3370
 Delta R.T. 0.01 min
 Lab File: VU025325.D
 Acq: 11 Jul 2018 19:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	50.0	19.7	59.1
148	76.2	32.1	96.3

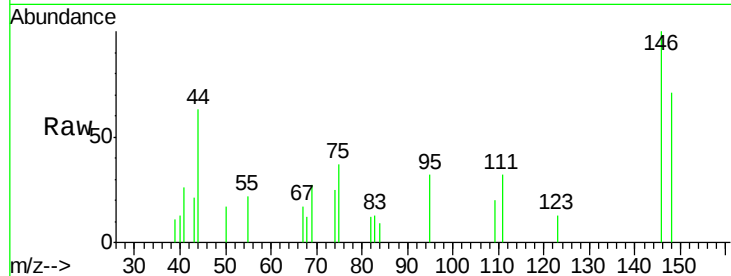




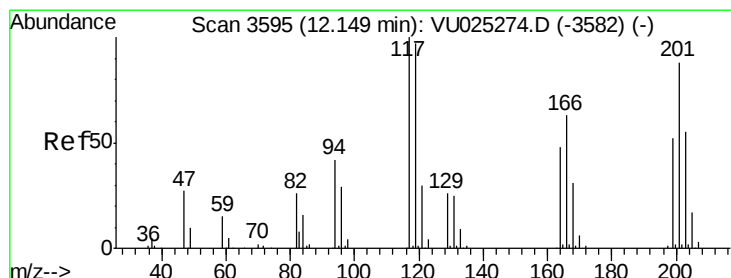
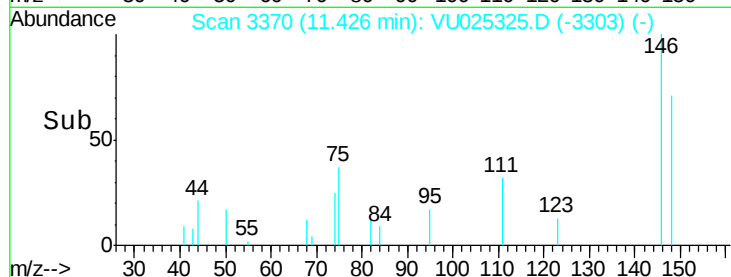
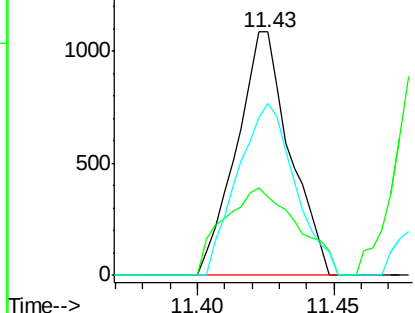
#88
 1,4-Dichlorobenzene
 Concen: 1.76 ug/l
 RT: 11.43 min Scan# 3370
 Delta R.T. -0.08 min
 Lab File: VU025325.D
 Acq: 11 Jul 2018 19:31

Instrument :
 MSVOA_U
 ClientSampleId :
 SS038RW151-180709

Tot Ion:146 Resp: 1472
 Ion Ratio Lower Upper
 146 100
 111 50.0 19.4 58.1
 148 76.2 31.7 95.1

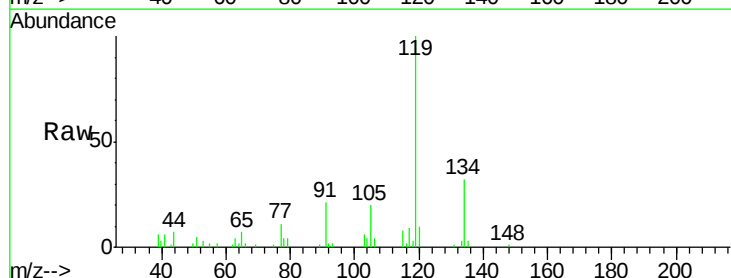


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

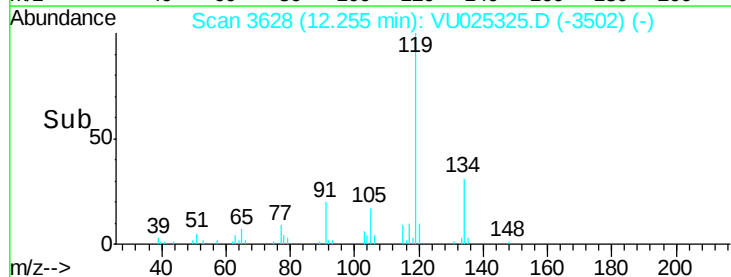
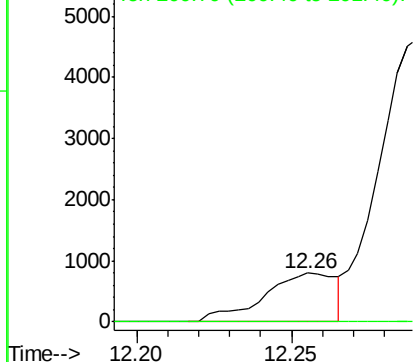


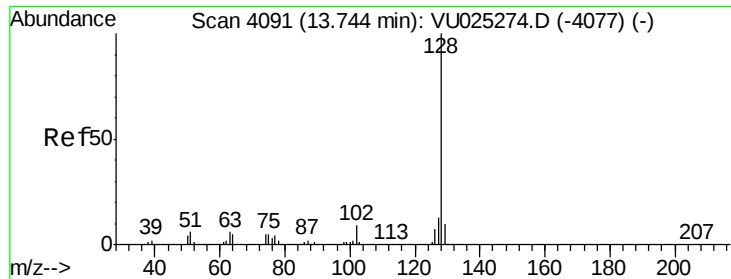
#90
 Hexachloroethane
 Concen: 0.76 ug/l
 RT: 12.26 min Scan# 3628
 Delta R.T. 0.11 min
 Lab File: VU025325.D
 Acq: 11 Jul 2018 19:31

Tgt Ion:117 Resp: 1317
 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





#95
Naphthalene
Concen: 2.44 ug/l
RT: 13.75 min Scan# 4093
Delta R.T. 0.01 min
Lab File: VU025325.D
Acq: 11 Jul 2018 19:31

Instrument :
MSVOA_U
ClientSampleId :
SS038RW151-180709

Tot Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	8.3	12.5#

