

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071018\
 Data File : VU025290.D
 Acq On : 10 Jul 2018 15:39
 Operator : MD/SY
 Sample : J3905-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SLUICEWAY-070518

Quant Time: Jul 11 02:02:19 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	204982	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	305391	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	284456	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	149314	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	155116	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
35) Dibromofluoromethane	4.89	113	120961	46.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.90%	
50) Toluene-d8	7.57	98	442625	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
62) 4-Bromofluorobenzene	10.31	95	161437	45.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.90%	

Target Compounds

						Qvalue
3) Chloromethane	1.33	50	775	0.93	ug/l	# 63
5) Bromomethane	1.63	94	776	Below	Cal	# 66
6) Chloroethane	1.70	64	68	0.34	ug/l	# 43
10) Methyl Iodide	2.42	142	735	7.95	ug/l	# 83
11) Tert butyl alcohol	2.83	59	1770	2.55	ug/l	# 73
13) Acrolein	2.19	56	188	0.41	ug/l	# 1
16) Acetone	2.32	43	84497	55.85	ug/l	96
17) Carbon Disulfide	2.48	76	1267	2.13	ug/l	# 74
18) Methyl Acetate	2.44	43	7193	2.21	ug/l	# 52
20) Methylene Chloride	2.71	84	372	0.84	ug/l	# 71
25) 2-Butanone	4.28	43	7494	3.40	ug/l	95
28) Bromochloromethane	4.68	49	440	0.21	ug/l	# 9
29) Tetrahydrofuran	4.65	42	289	0.22	ug/l	# 44
30) Chloroform	4.68	83	8546	1.86	ug/l	88
31) Cyclohexane	4.99	56	4002	1.72	ug/l	# 1
36) 1,1-Dichloropropene	4.99	75	15363	4.52	ug/l	# 50
37) Ethyl Acetate	4.39	43	1290	0.34	ug/l	# 91
38) Carbon Tetrachloride	4.99	117	20002	5.47	ug/l	# 16
47) Bromodichloromethane	6.76	83	3124	0.90	ug/l	# 88
51) 4-Methyl-2-Pentanone	7.47	43	1621	0.41	ug/l	# 74
59) 2-Hexanone	8.38	43	1259	0.39	ug/l	70
60) Dibromochloromethane	8.48	129	2138	0.76	ug/l	99
71) Bromoform	9.96	173	991	4.96	ug/l	# 97
74) N-amyl acetate	10.02	43	1846	1.65	ug/l	# 87
76) 1,2,3-Trichloropropane	10.31	75	83438	27.47	ug/l	# 36
79) 2-Chlorotoluene	10.67	91	410	0.20	ug/l	# 68
81) trans-1,4-Dichloro-2-buten	10.31	75	83438	70.14	ug/l	# 100
86) p-Isopropyltoluene	11.48	119	3357	0.33	ug/l	86
88) 1,4-Dichlorobenzene	11.42	146	609	1.60	ug/l	81
89) n-Butylbenzene	11.89	91	2463	0.30	ug/l	95
90) Hexachloroethane	12.33	117	645	0.38	ug/l	# 7
93) 1,2,4-Trichlorobenzene	13.51	180	1897	3.77	ug/l	98
95) Naphthalene	13.75	128	39847	5.87	ug/l	98
96) 1,2,3-Trichlorobenzene	13.99	180	2370	3.14	ug/l	95

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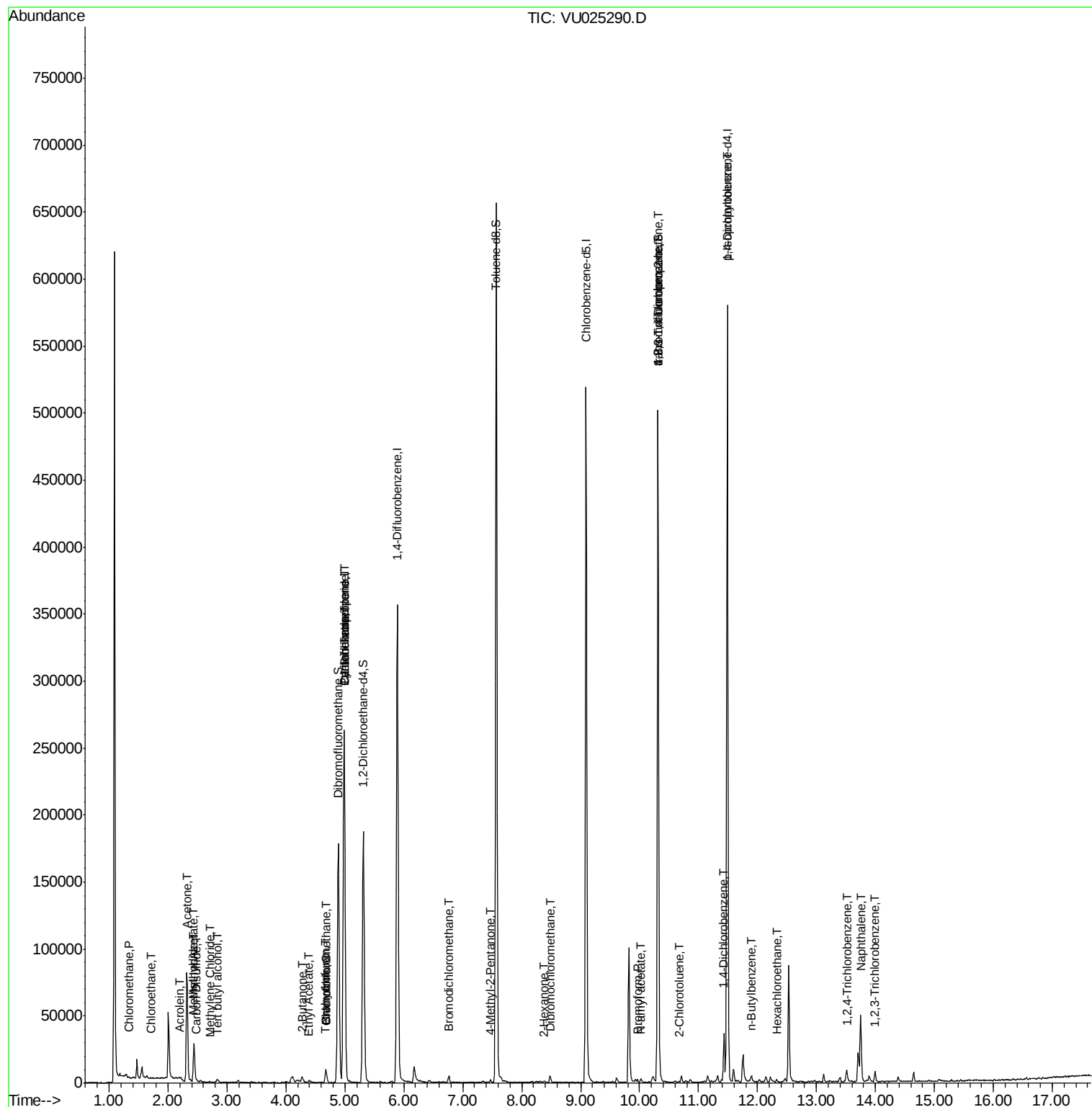
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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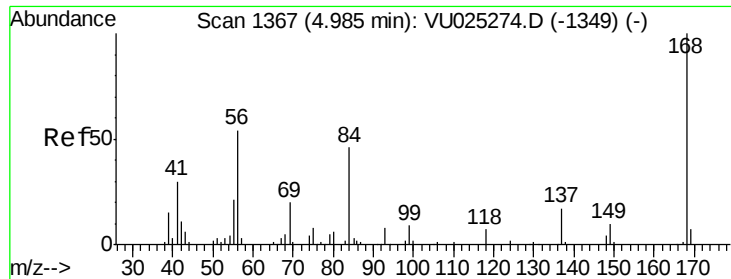
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025290.D

Acq: 10 Jul 2018 15:39

Instrument :

MSVOA_U

ClientSampleId :

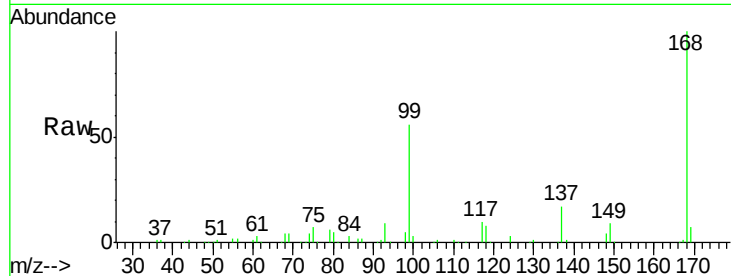
SLUICEWAY-070518

Tot Ion:168 Resp: 204982

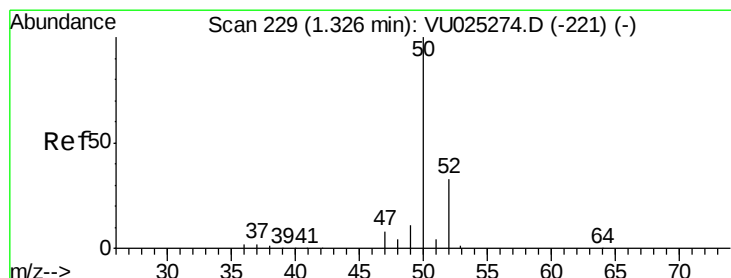
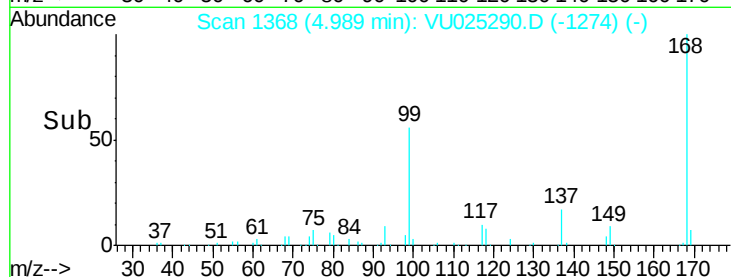
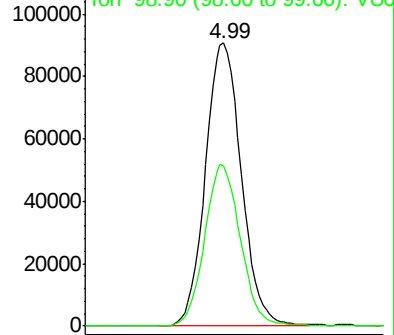
Ion Ratio Lower Upper

168 100

99 56.5 42.8 64.2



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



#3

Chloromethane

Concen: 0.93 ug/l

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU025290.D

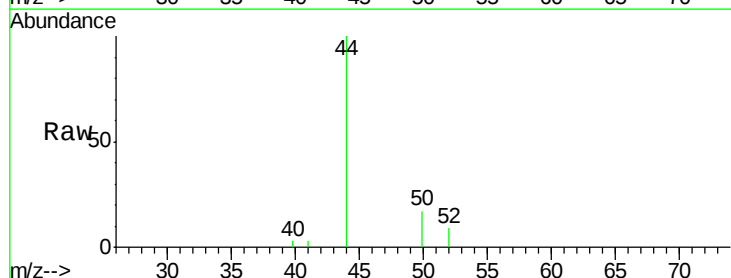
Acq: 10 Jul 2018 15:39

Tgt Ion: 50 Resp: 775

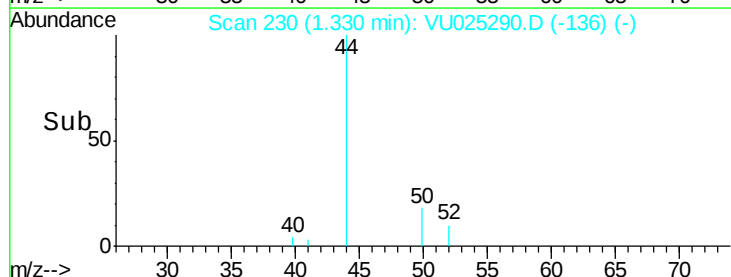
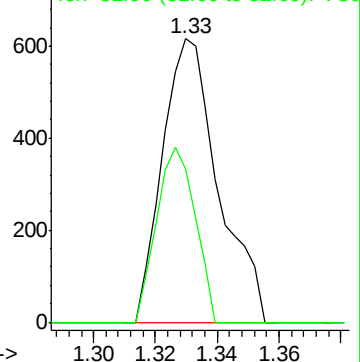
Ion Ratio Lower Upper

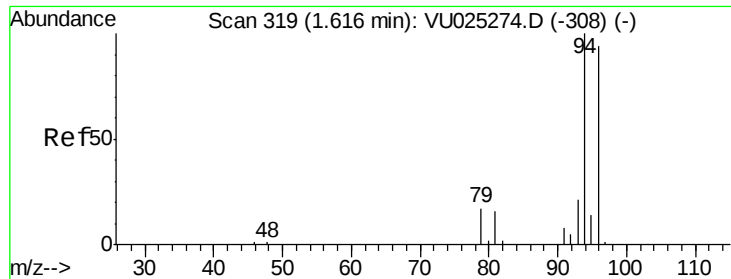
50 100

52 54.2 26.5 39.7#



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





#5

Bromomethane

Concen: Below Cal

RT: 1.63 min Scan# 324

Delta R.T. 0.02 min

Lab File: VU025290.D

Acq: 10 Jul 2018 15:39

Instrument :

MSVOA_U

ClientSampleId :

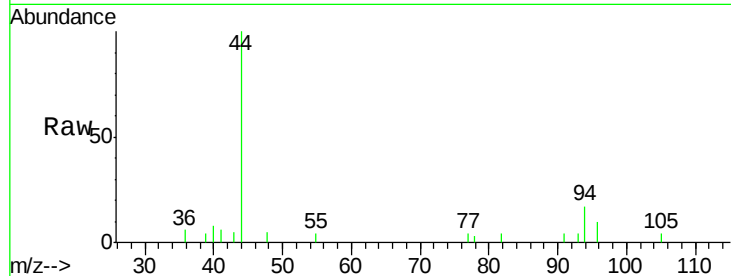
SLUICEWAY-070518

Tot Ion: 94 Resp: 776

Ion Ratio Lower Upper

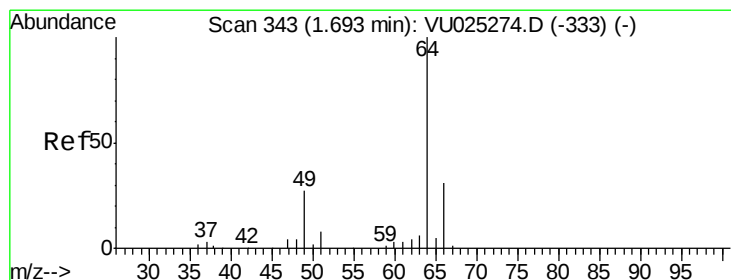
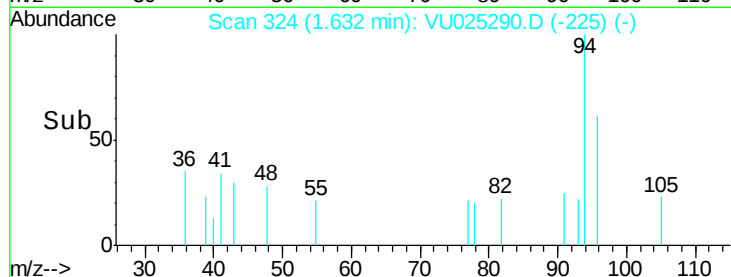
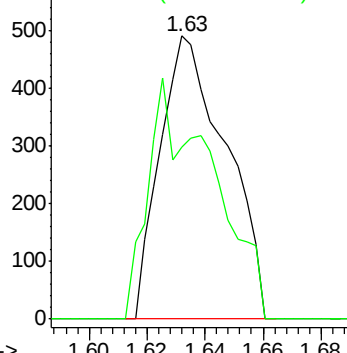
94 100

96 60.8 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: 0.34 ug/l

RT: 1.70 min Scan# 345

Delta R.T. 0.01 min

Lab File: VU025290.D

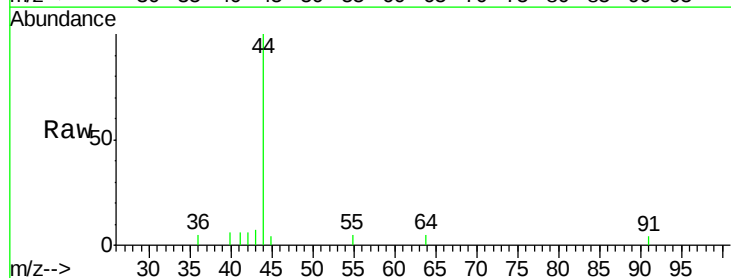
Acq: 10 Jul 2018 15:39

Tgt Ion: 64 Resp: 68

Ion Ratio Lower Upper

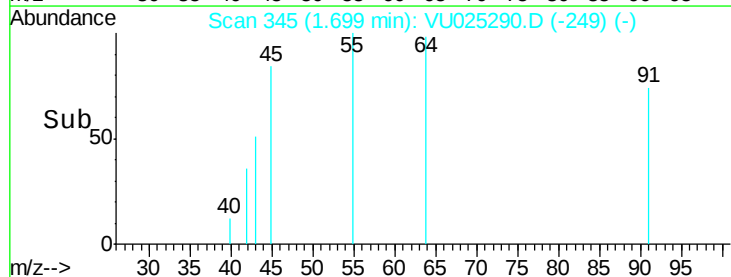
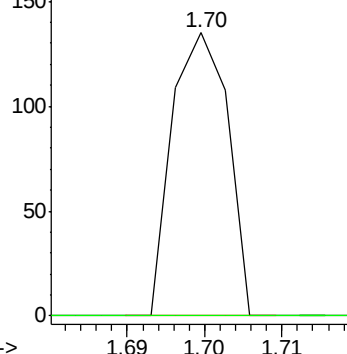
64 100

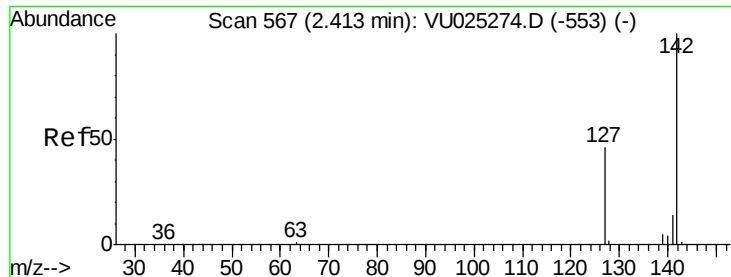
66 0.0 25.0 37.4#



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0

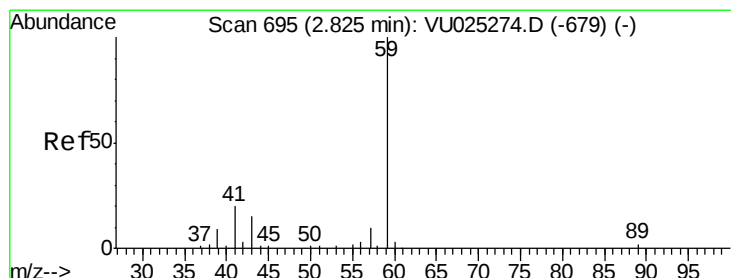
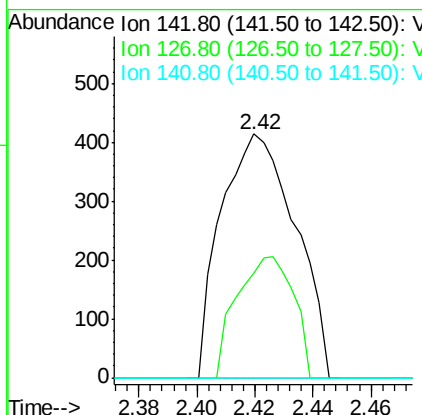
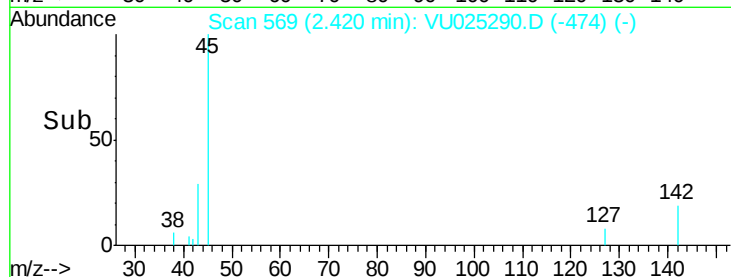
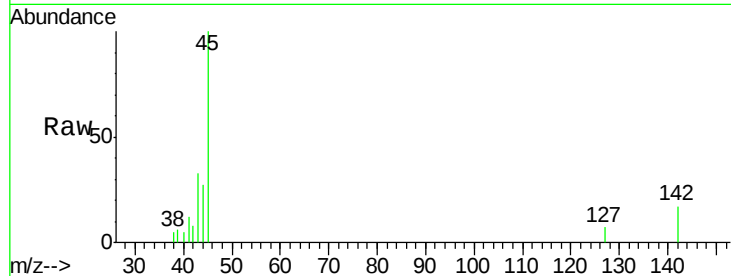




#10
Methvl Iodide
Concen: 7.95 ug/l
RT: 2.42 min Scan# 569
Delta R.T. 0.01 min
Lab File: VU025290.D
Acq: 10 Jul 2018 15:39

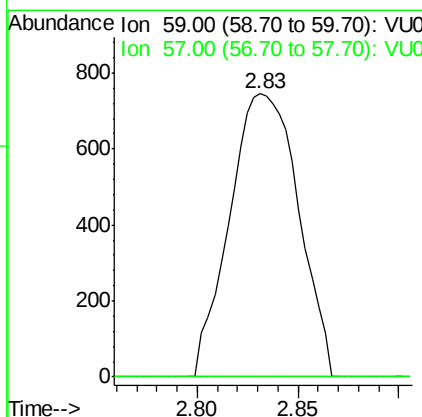
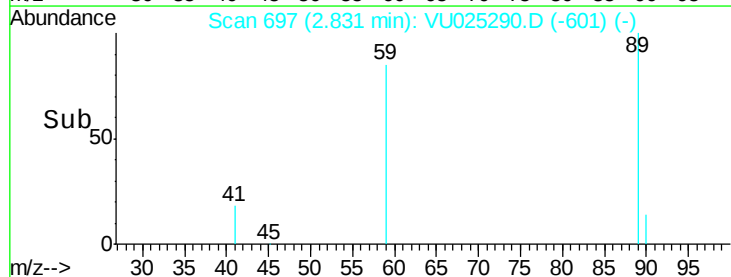
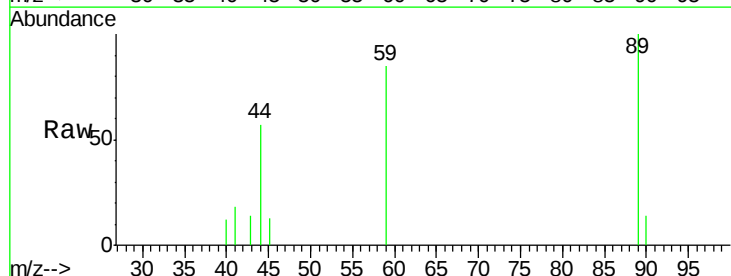
Instrument :
MSVOA_U
ClientSampleId :
SLUICEWAY-070518

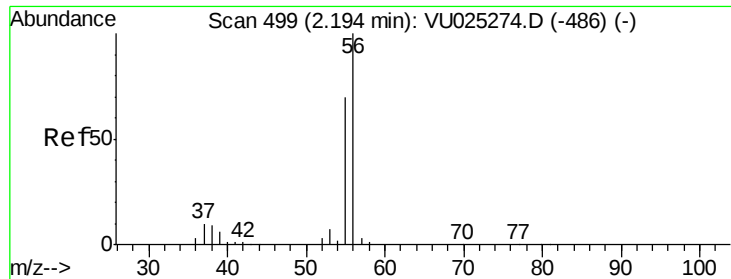
Tot Ion:142 Resp: 735
Ion Ratio Lower Upper
142 100
127 37.7 36.5 54.7
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 2.55 ug/l
RT: 2.83 min Scan# 697
Delta R.T. 0.01 min
Lab File: VU025290.D
Acq: 10 Jul 2018 15:39

Tgt Ion: 59 Resp: 1770
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

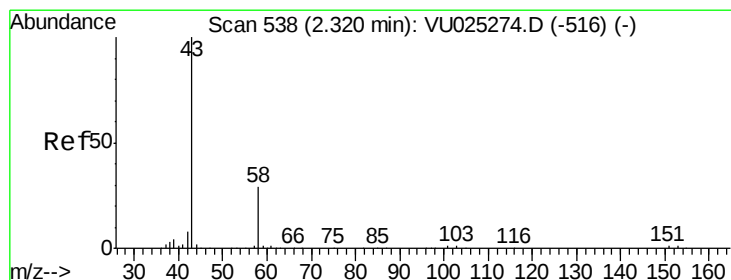
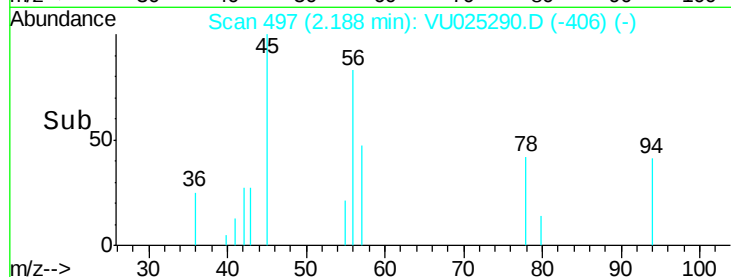
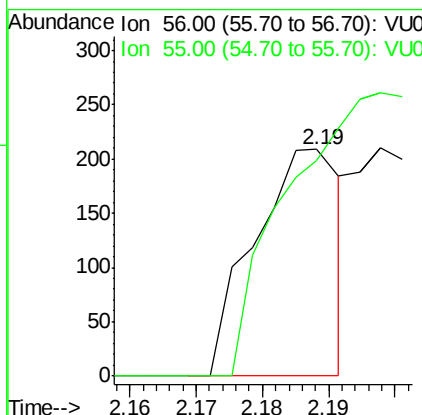
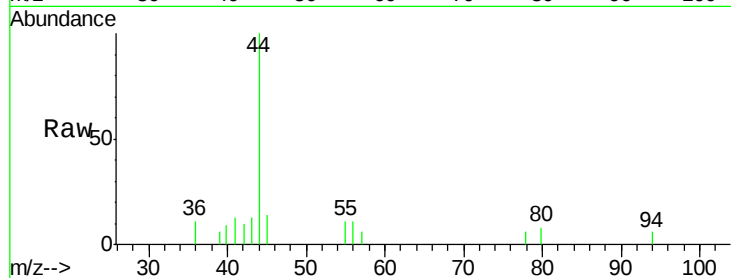




#13
Acrolein
Concen: 0.41 ug/l
RT: 2.19 min Scan# 497
Delta R.T. -0.01 min
Lab File: VU025290.D
Acq: 10 Jul 2018 15:39

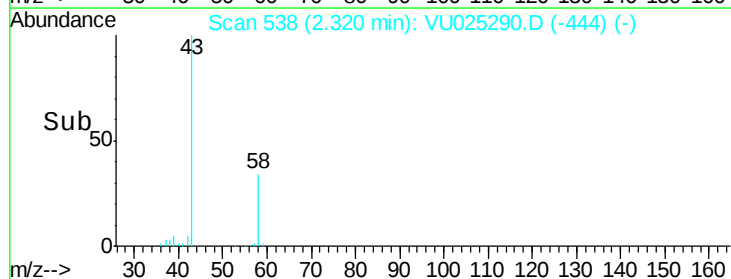
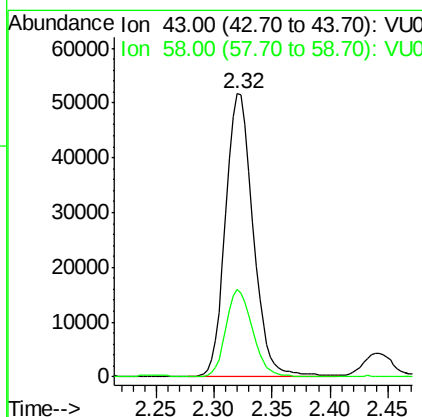
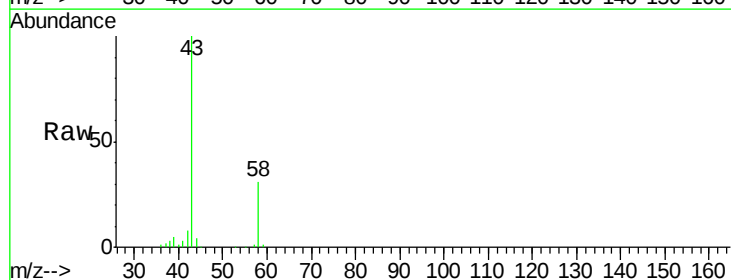
Instrument :
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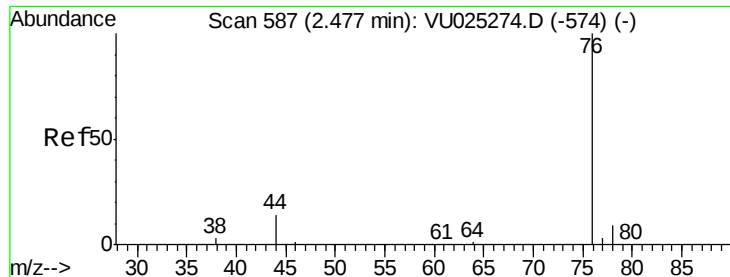
Tot Ion: 56 Resp: 188
Ion Ratio Lower Upper
56 100
55 318.6 57.2 85.8#



#16
Acetone
Concen: 55.85 ug/l
RT: 2.32 min Scan# 538
Delta R.T. 0.00 min
Lab File: VU025290.D
Acq: 10 Jul 2018 15:39

Tgt Ion: 43 Resp: 84497
Ion Ratio Lower Upper
43 100
58 31.0 23.1 34.7





#17

Carbon Disulfide

Concen: 2.13 ug/l

RT: 2.48 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU025290.D

Acq: 10 Jul 2018 15:39

Instrument :

MSVOA_U

ClientSampleId :

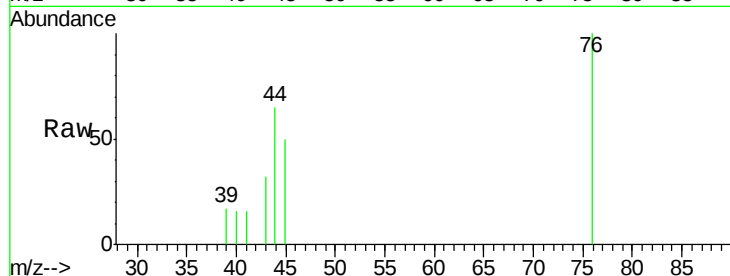
SLUICEWAY-070518

Tot Ion: 76 Resp: 1267

Ion Ratio Lower Upper

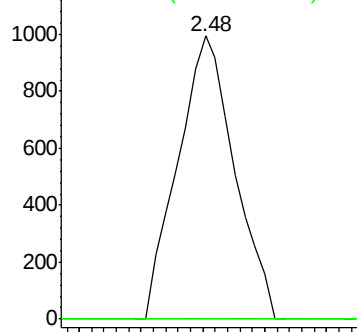
76 100

78 0.0 7.4 11.2#

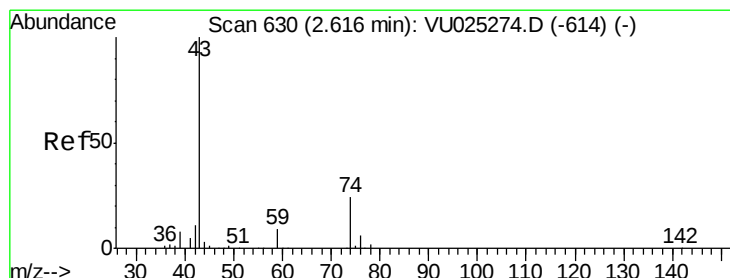
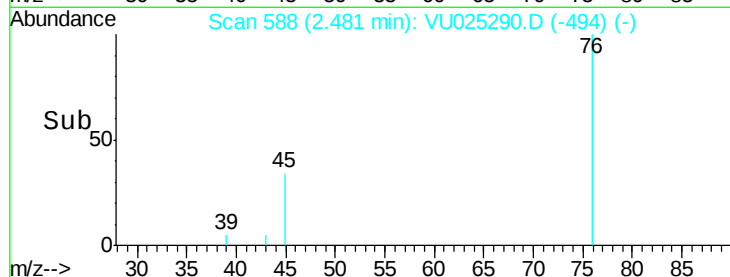


Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



Time-->



#18

Methyl Acetate

Concen: 2.21 ug/l

RT: 2.44 min Scan# 575

Delta R.T. -0.18 min

Lab File: VU025290.D

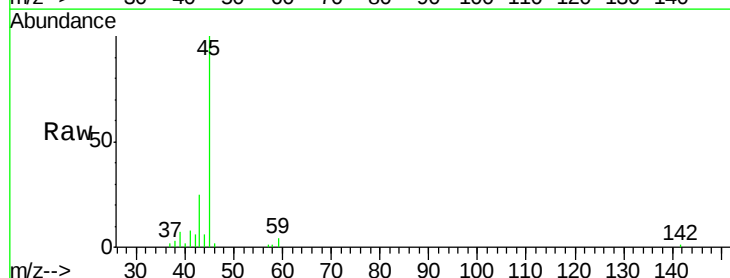
Acq: 10 Jul 2018 15:39

Tgt Ion: 43 Resp: 7193

Ion Ratio Lower Upper

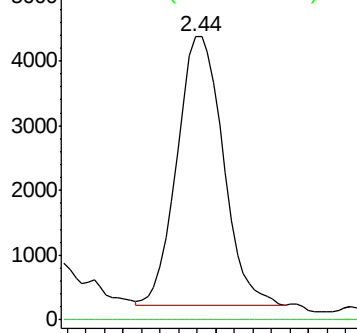
43 100

74 0.0 18.5 27.7#

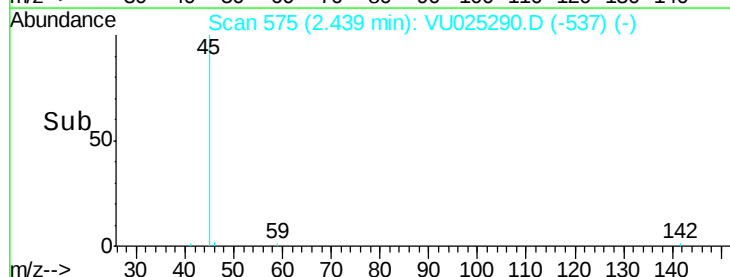


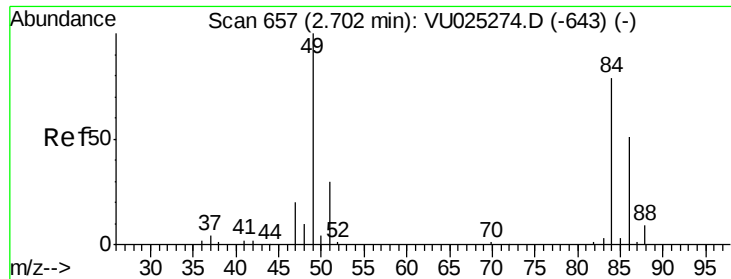
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



Time-->

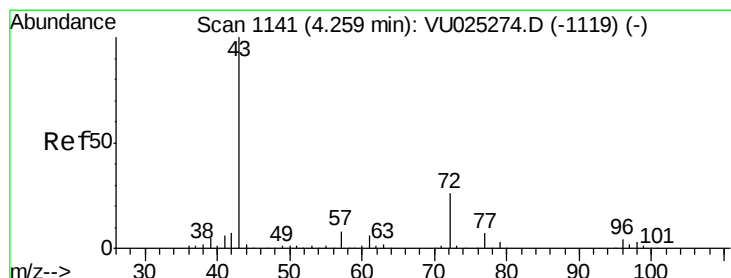
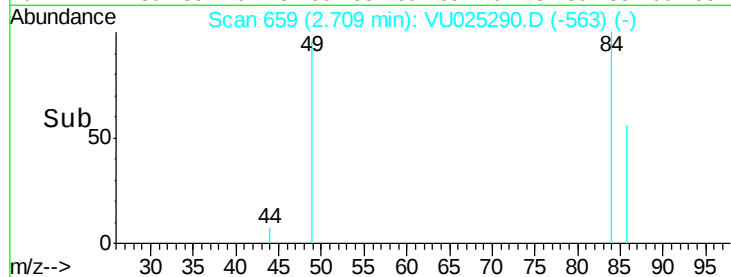
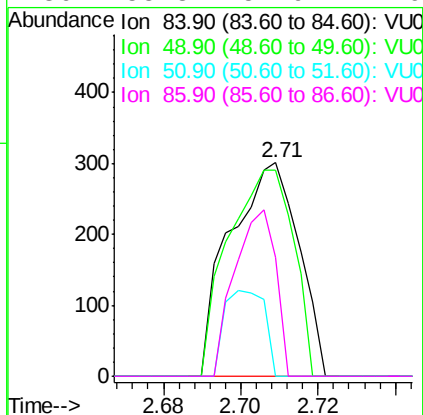
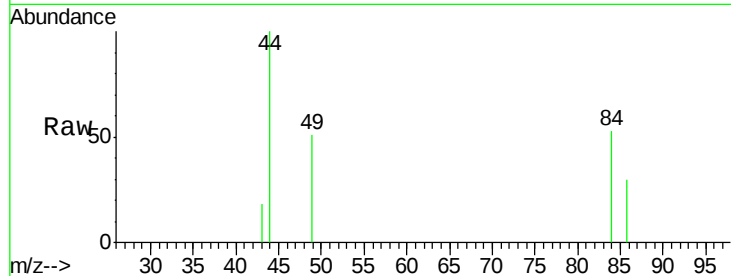




#20
Methvlene Chloride
Concen: 0.84 ug/l
RT: 2.71 min Scan# 659
Delta R.T. 0.01 min
Lab File: VU025290.D
Acq: 10 Jul 2018 15:39

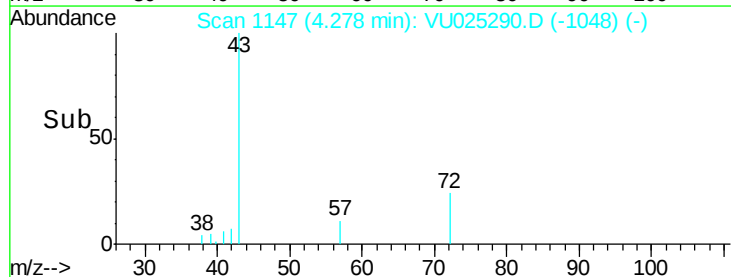
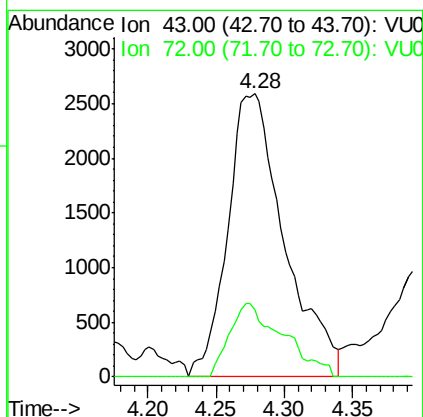
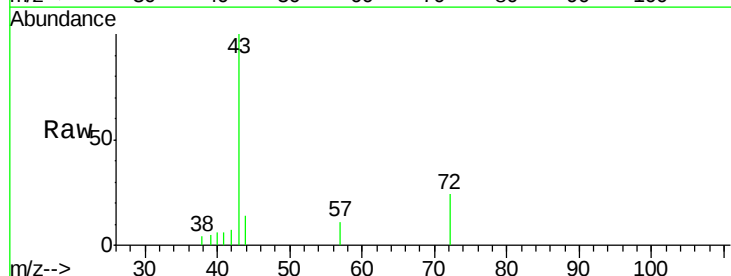
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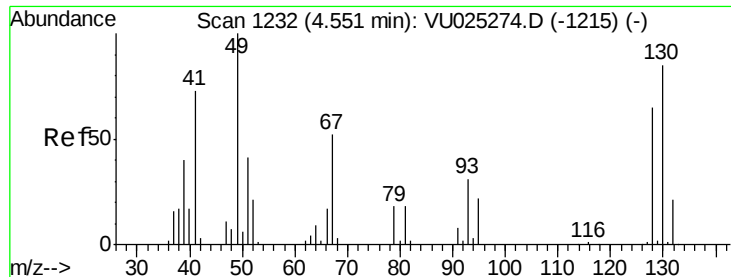
Tot Ion: 84 Resp: 372
Ion Ratio Lower Upper
84 100
49 96.3 101.8 152.6#
51 0.0 30.8 46.2#
86 55.8 51.9 77.9



#25
2-Butanone
Concen: 3.40 ug/l
RT: 4.28 min Scan# 1147
Delta R.T. 0.02 min
Lab File: VU025290.D
Acq: 10 Jul 2018 15:39

Tgt Ion: 43 Resp: 7494
Ion Ratio Lower Upper
43 100
72 23.8 21.0 31.4





#28

Bromochloromethane

Concen: 0.21 ug/l

RT: 4.68 min Scan# 1271

Delta R.T. 0.13 min

Lab File: VU025290.D

Acq: 10 Jul 2018 15:39

Instrument :

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ClientSampleId :

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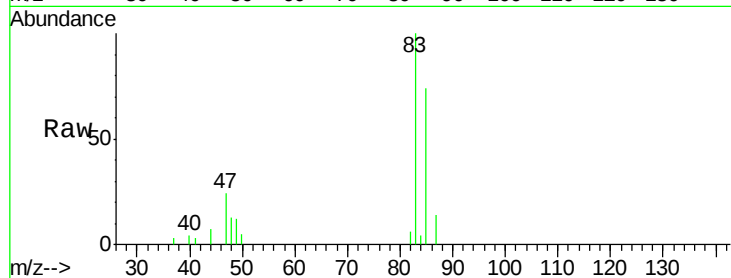
Tot Ion: 49 Resp: 440

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

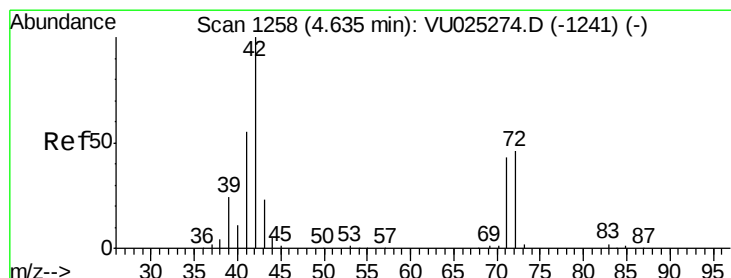
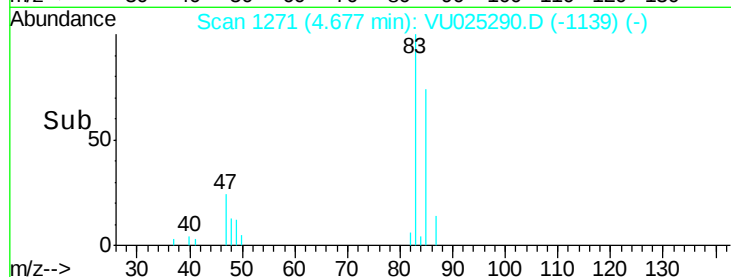
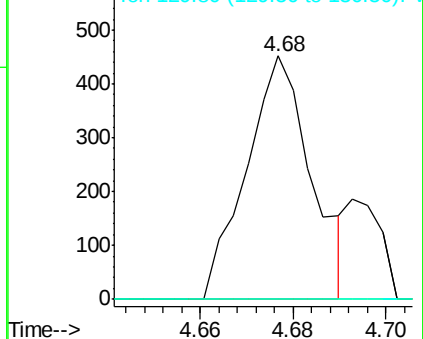
130 0.0 68.6 102.8#



Abundance Ion 48.90 (48.60 to 49.60): VU0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 0.22 ug/l

RT: 4.65 min Scan# 1263

Delta R.T. 0.02 min

Lab File: VU025290.D

Acq: 10 Jul 2018 15:39

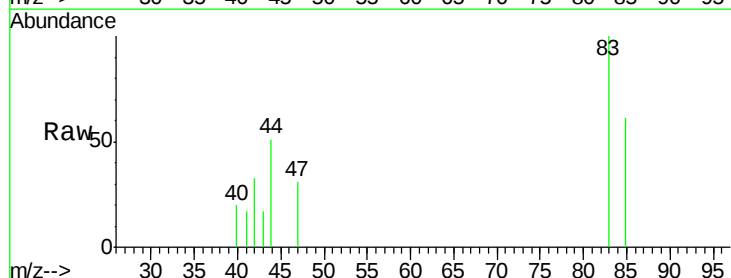
Tgt Ion: 42 Resp: 289

Ion Ratio Lower Upper

42 100

72 15.2 36.7 55.1#

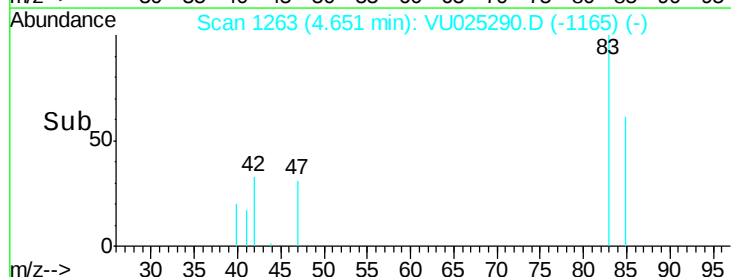
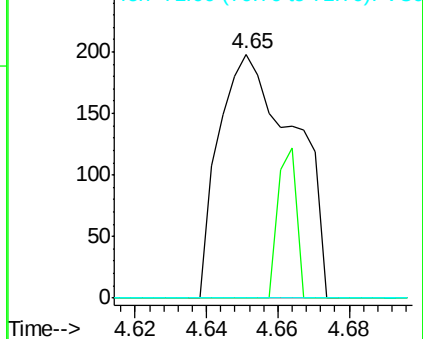
71 0.0 33.9 50.9#

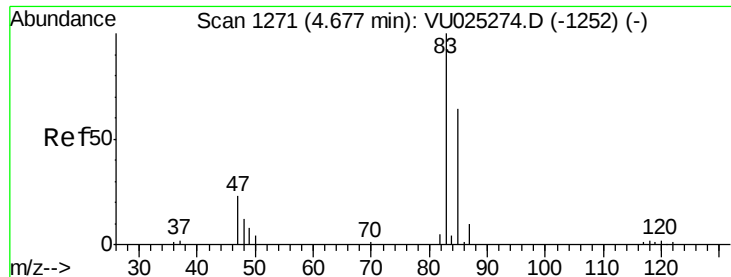


Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0

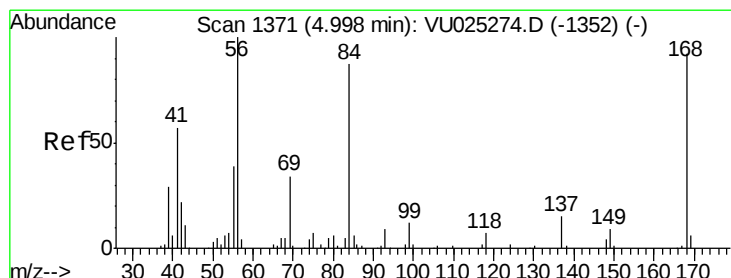
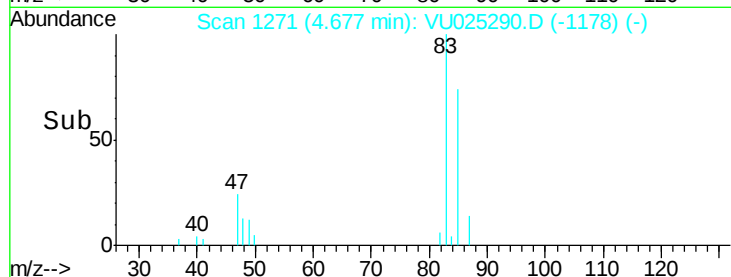
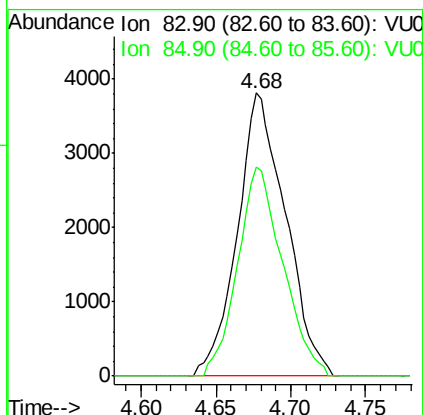
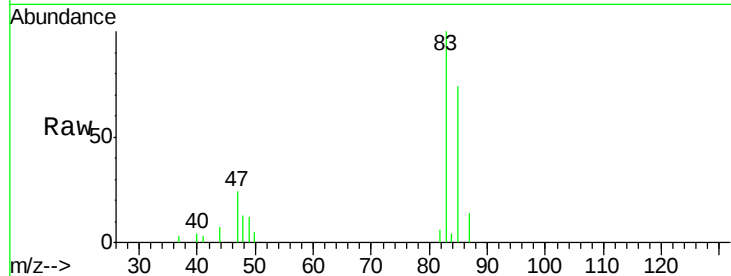




#30
Chloroform
Concen: 1.86 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VU025290.D
Acq: 10 Jul 2018 15:39

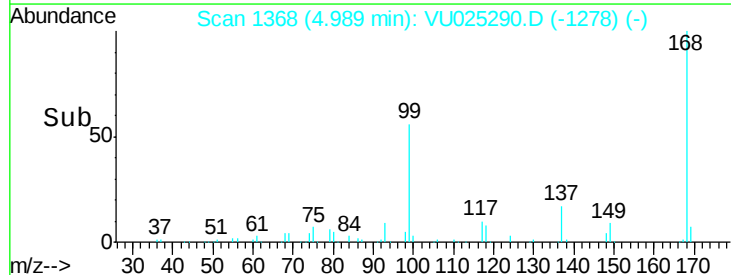
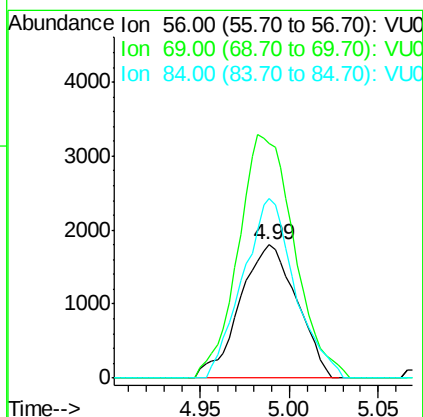
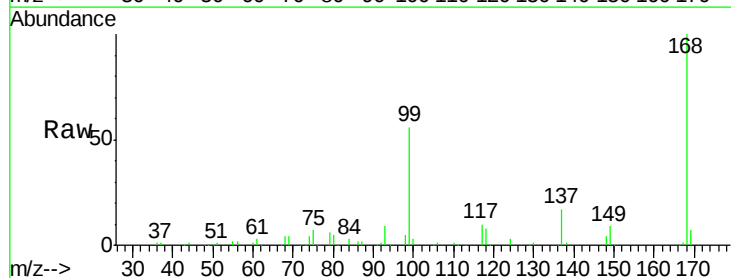
Instrument :
MSVOA_U
ClientSampleId :
SLUICEWAY-070518

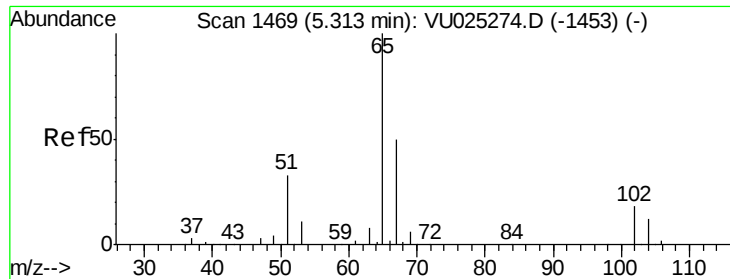
Tot Ion: 83 Resp: 8546
Ion Ratio Lower Upper
83 100
85 74.0 51.5 77.3



#31
Cyclohexane
Concen: 1.72 ug/l
RT: 4.99 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VU025290.D
Acq: 10 Jul 2018 15:39

Tgt Ion: 56 Resp: 4002
Ion Ratio Lower Upper
56 100
69 176.4 26.8 40.2#
84 134.5 69.7 104.5#





#33

1,2-Dichloroethane-d4

Concen: 48.71 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025290.D

Acq: 10 Jul 2018 15:39

Instrument :

MSVOA_U

ClientSampleId :

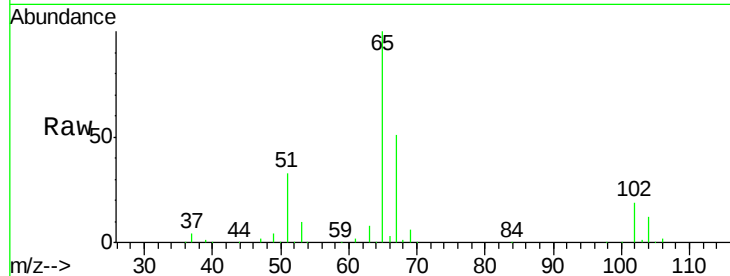
SLUICEWAY-070518

Tot Ion: 65 Resp: 155116

Ion Ratio Lower Upper

65 100

67 50.4 0.0 103.6

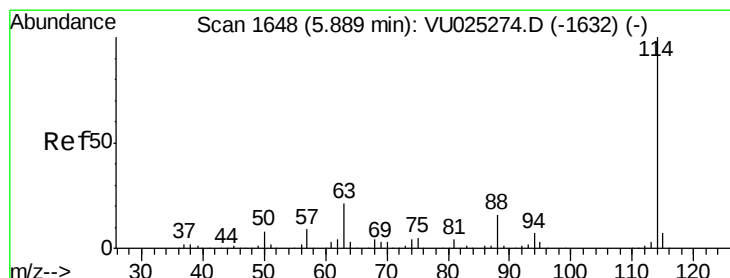
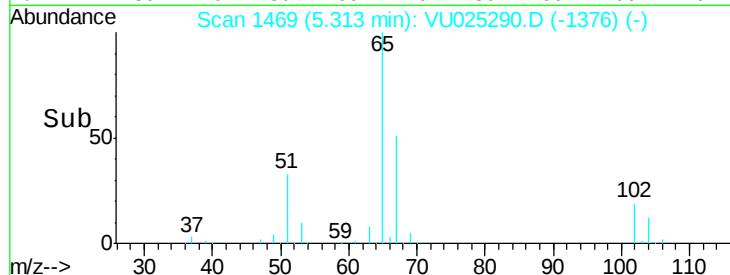


Abundance Ion 64.90 (64.60 to 65.60): VU025290.D (-1376) (-)

Ion 66.90 (66.60 to 67.60): VU025290.D (-1376) (-)

5.31

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. 0.00 min

Lab File: VU025290.D

Acq: 10 Jul 2018 15:39

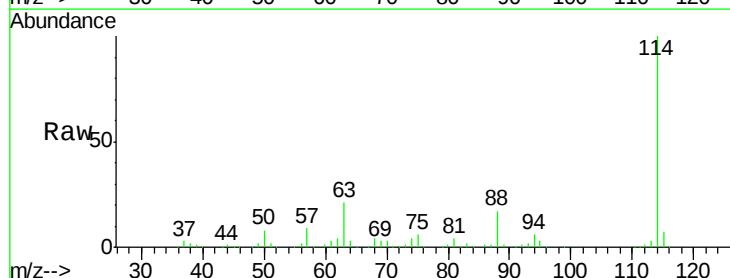
Tgt Ion: 114 Resp: 305391

Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.6

88 16.7 0.0 32.4



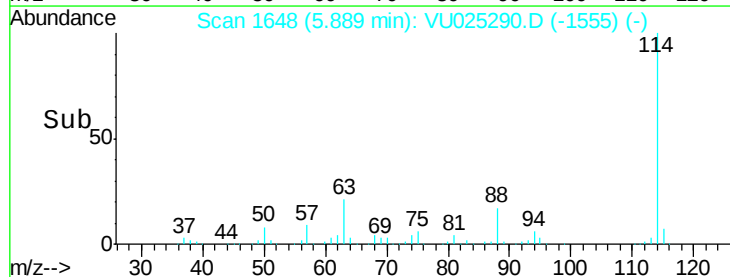
Abundance Ion 113.90 (113.60 to 114.60): VU025290.D (-1555) (-)

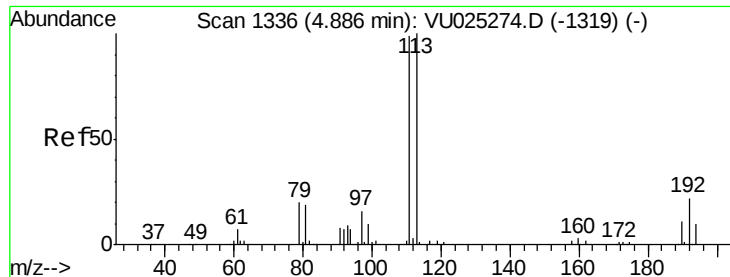
Ion 63.00 (62.70 to 63.70): VU025290.D (-1555) (-)

Ion 87.90 (87.60 to 88.60): VU025290.D (-1555) (-)

5.89

Time-->





#35

Dibromofluoromethane

Concen: 46.95 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU025290.D

Acq: 10 Jul 2018 15:39

Instrument :

MSVOA_U

ClientSampleId :

SLUICEWAY-070518

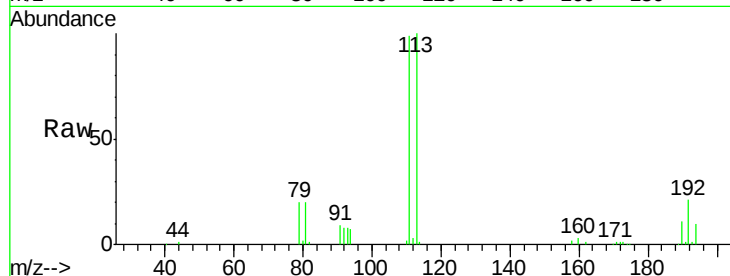
Tot Ion:113 Resp: 120961

Ion Ratio Lower Upper

113 100

111 101.2 81.7 122.5

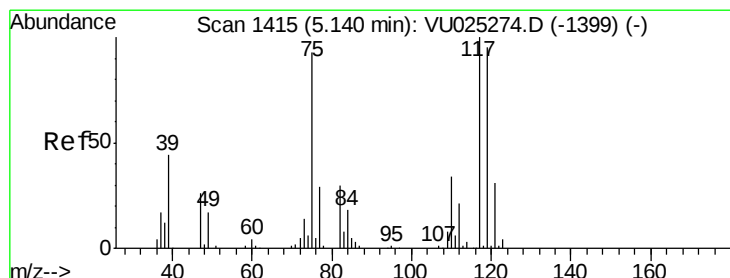
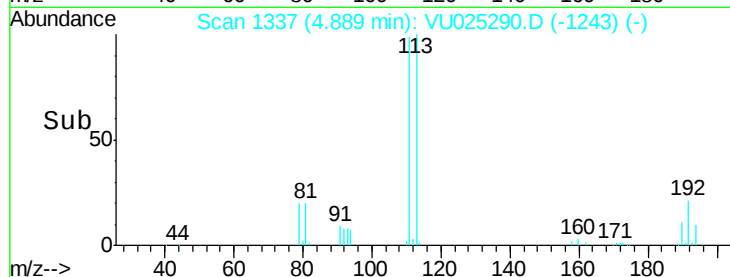
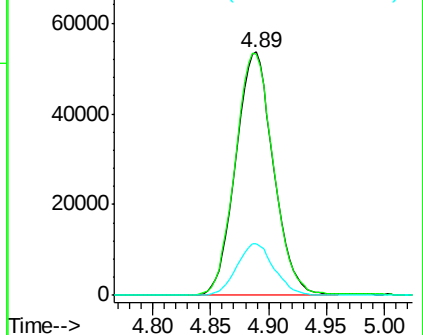
192 21.0 17.1 25.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.52 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.15 min

Lab File: VU025290.D

Acq: 10 Jul 2018 15:39

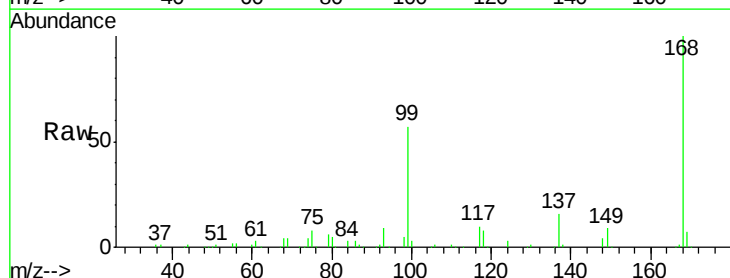
Tgt Ion: 75 Resp: 15363

Ion Ratio Lower Upper

75 100

110 9.2 17.6 52.9#

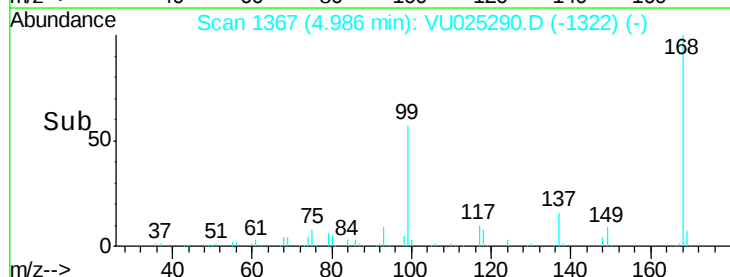
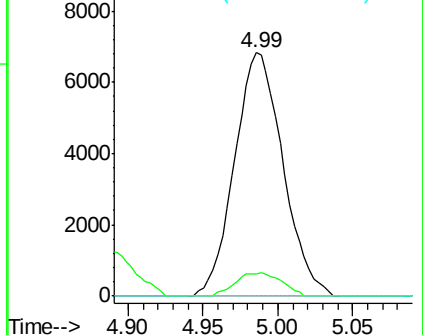
77 0.0 24.4 36.6#

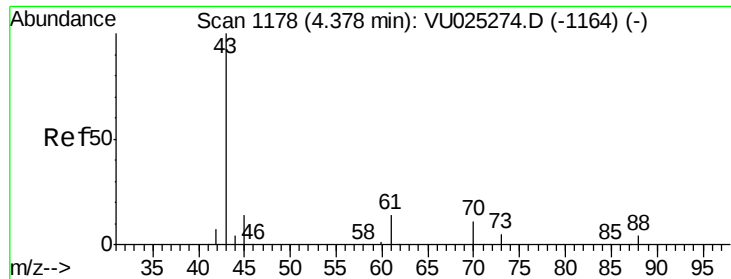


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

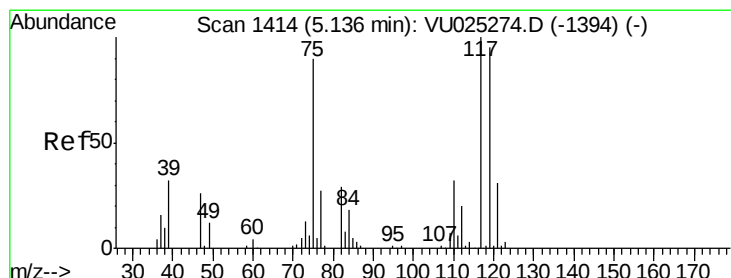
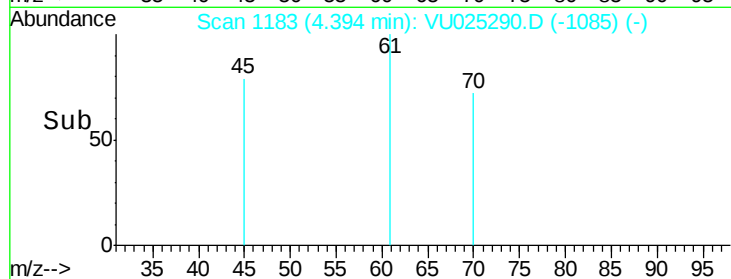
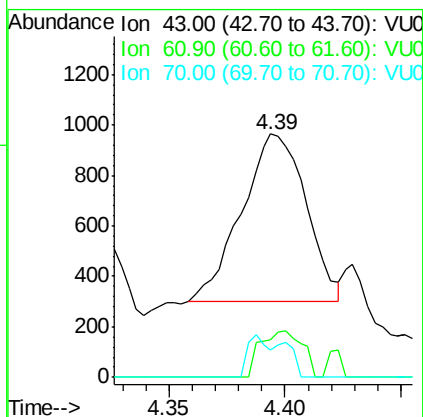
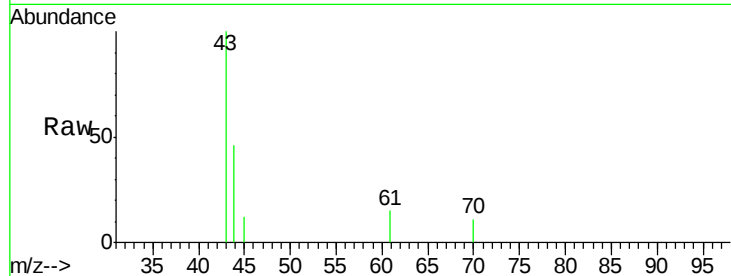




#37
Ethyl Acetate
Concen: 0.34 ug/l
RT: 4.39 min Scan# 1183
Delta R.T. 0.02 min
Lab File: VU025290.D
Acq: 10 Jul 2018 15:39

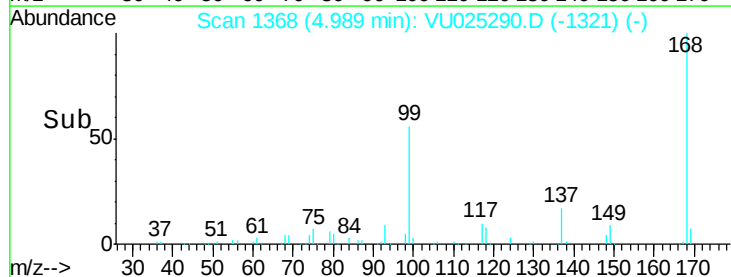
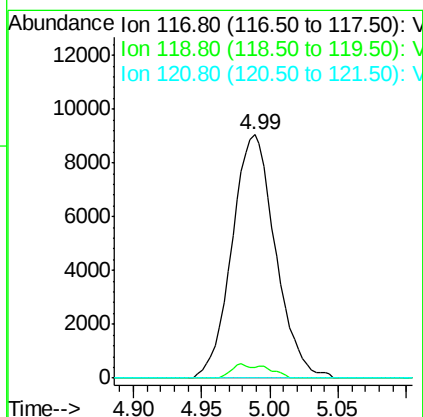
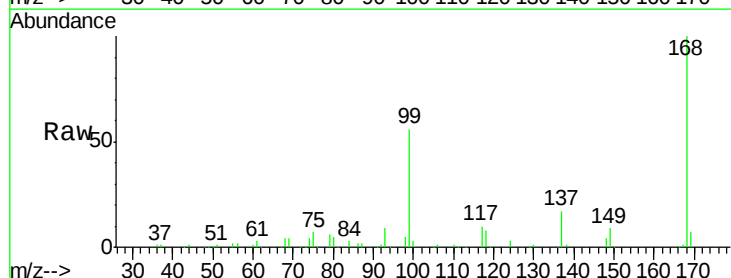
Instrument :
MSVOA_U
ClientSampleId :
SLUICEWAY-070518

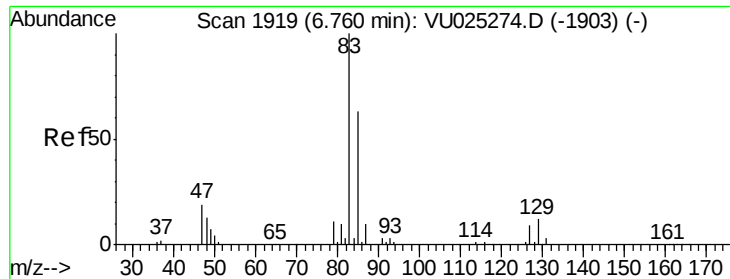
Tot Ion: 43 Resp: 1290
Ion Ratio Lower Upper
43 100
61 18.0 10.7 16.1#
70 8.1 8.4 12.6#



#38
Carbon Tetrachloride
Concen: 5.47 ug/l
RT: 4.99 min Scan# 1368
Delta R.T. -0.15 min
Lab File: VU025290.D
Acq: 10 Jul 2018 15:39

Tgt Ion: 117 Resp: 20002
Ion Ratio Lower Upper
117 100
119 4.5 75.7 113.5#
121 0.0 24.6 36.8#





#47

Bromodichloromethane

Concen: 0.90 ug/l

RT: 6.76 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VU025290.D

Acq: 10 Jul 2018 15:39

Instrument :

MSVOA_U

ClientSampleId :

SLUICEWAY-070518

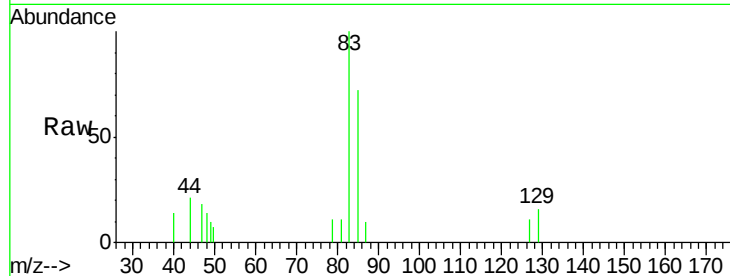
Tot Ion: 83 Resp: 3124

Ion Ratio Lower Upper

83 100

85 72.3 50.2 75.4

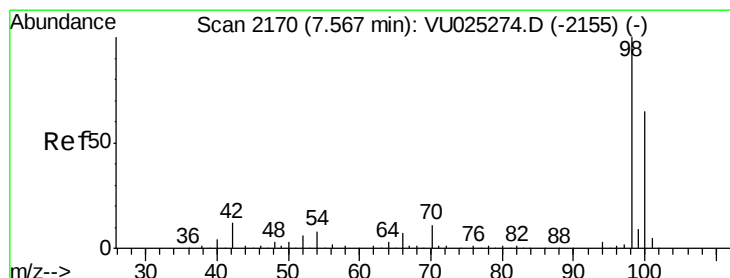
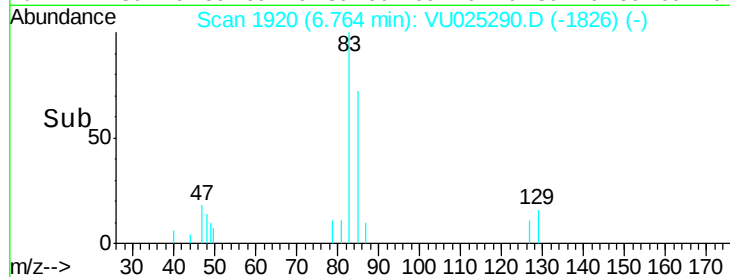
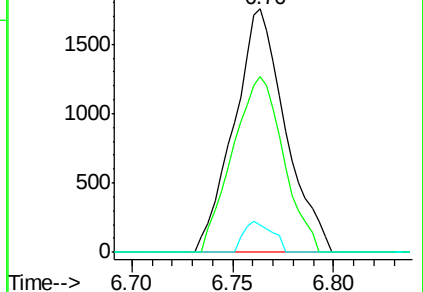
127 11.4 7.2 10.8#



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

Ion 126.80 (126.50 to 127.50): V



#50

Toluene-d8

Concen: 50.17 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. 0.00 min

Lab File: VU025290.D

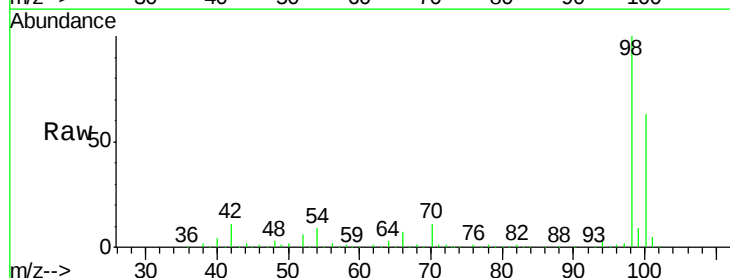
Acq: 10 Jul 2018 15:39

Tgt Ion: 98 Resp: 442625

Ion Ratio Lower Upper

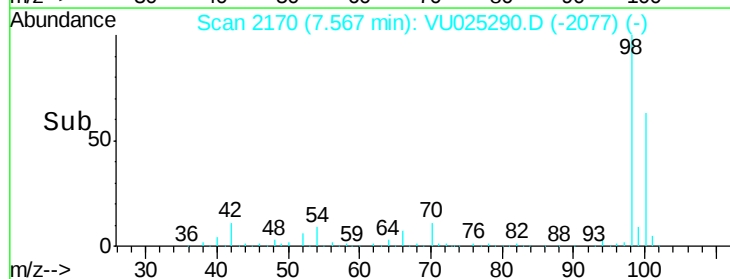
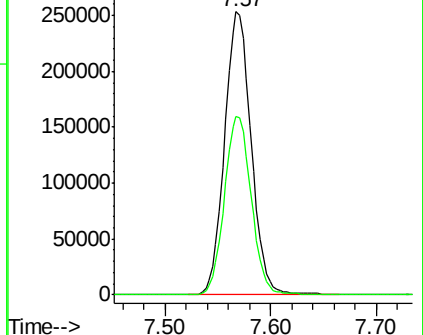
98 100

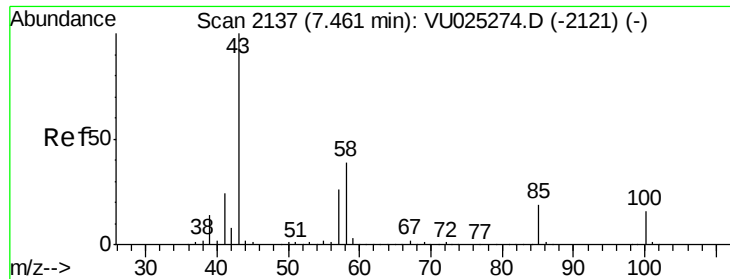
100 63.7 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU

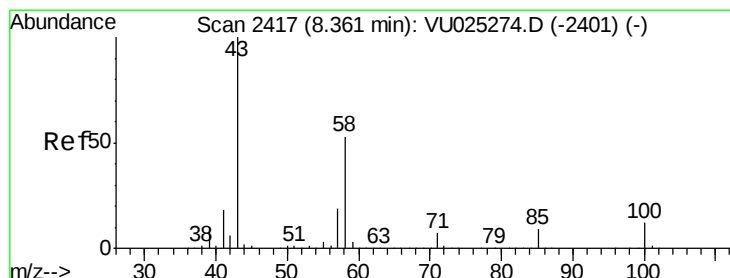
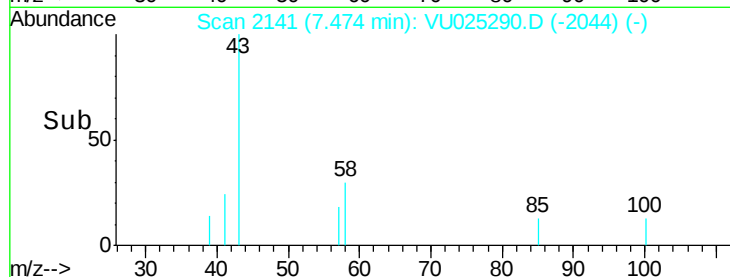
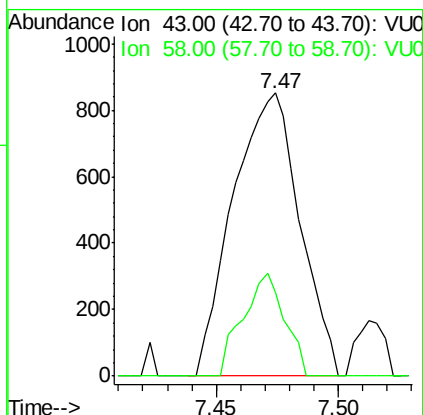
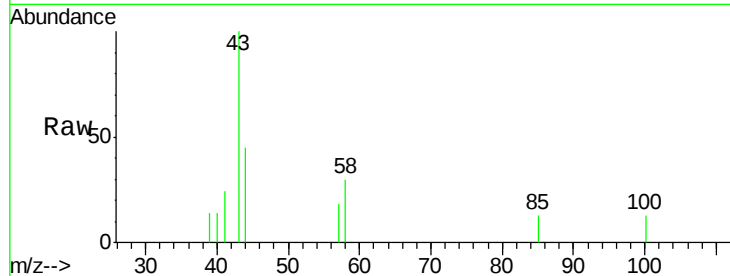




#51
4-Methyl-2-Pentanone
Concen: 0.41 ug/l
RT: 7.47 min Scan# 2141
Delta R.T. 0.01 min
Lab File: VU025290.D
Acq: 10 Jul 2018 15:39

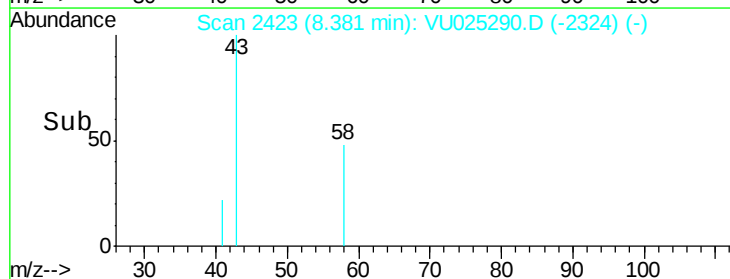
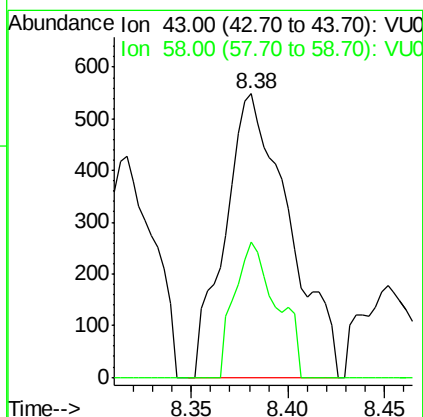
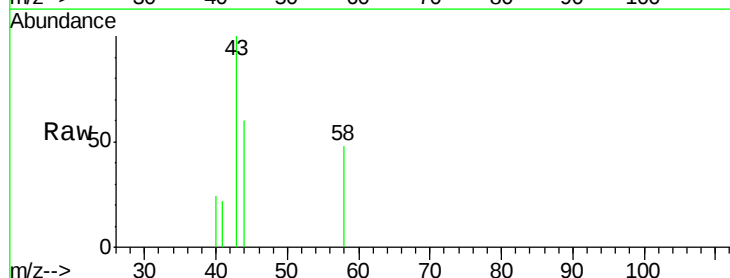
Instrument :
MSVOA_U
ClientSampleId :
SLUICEWAY-070518

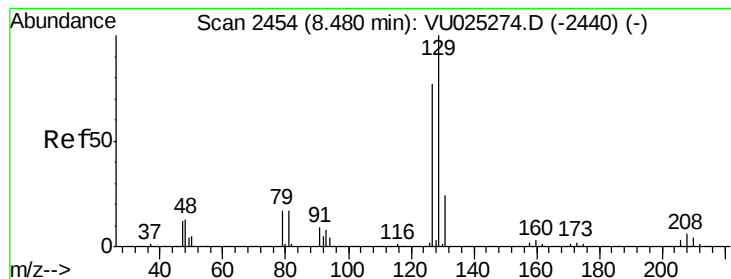
Tot Ion: 43 Resp: 1621
Ion Ratio Lower Upper
43 100
58 22.7 31.0 46.4#



#59
2-Hexanone
Concen: 0.39 ug/l
RT: 8.38 min Scan# 2423
Delta R.T. 0.02 min
Lab File: VU025290.D
Acq: 10 Jul 2018 15:39

Tgt Ion: 43 Resp: 1259
Ion Ratio Lower Upper
43 100
58 31.4 26.2 78.5





#60

Dibromochloromethane

Concen: 0.76 ug/l

RT: 8.48 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VU025290.D

Acq: 10 Jul 2018 15:39

Instrument :

MSVOA_U

ClientSampleId :

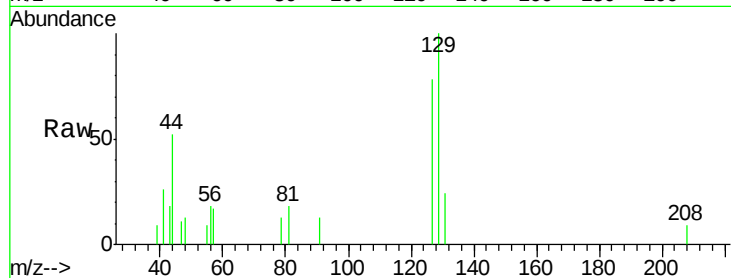
SLUICEWAY-070518

Tot Ion:129 Resp: 2138

Ion Ratio Lower Upper

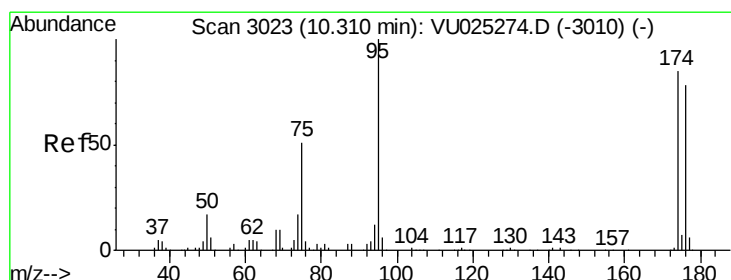
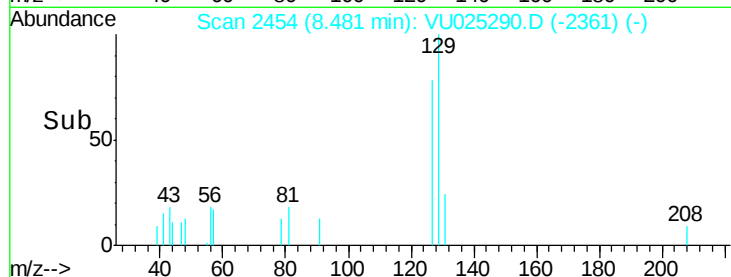
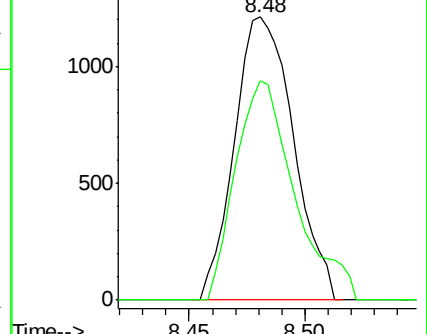
129 100

127 77.9 38.6 115.8



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 45.45 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025290.D

Acq: 10 Jul 2018 15:39

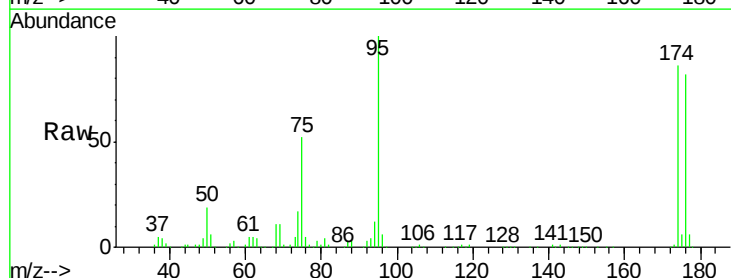
Tgt Ion: 95 Resp: 161437

Ion Ratio Lower Upper

95 100

174 86.4 0.0 172.2

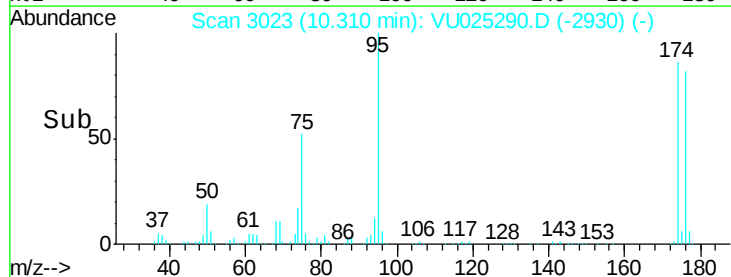
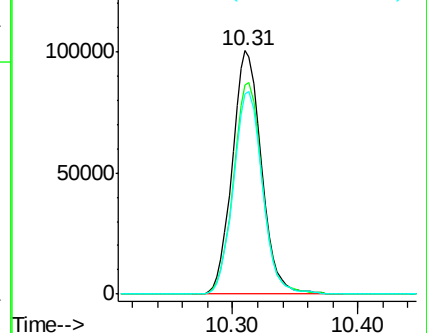
176 83.4 0.0 162.6

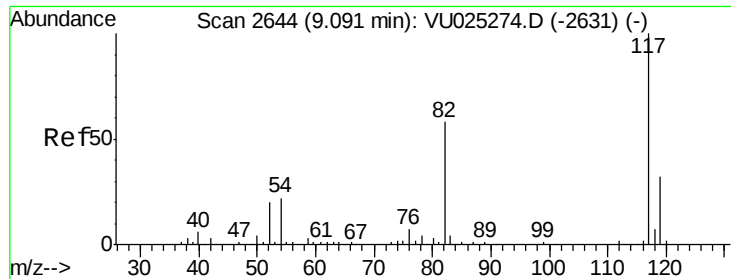


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

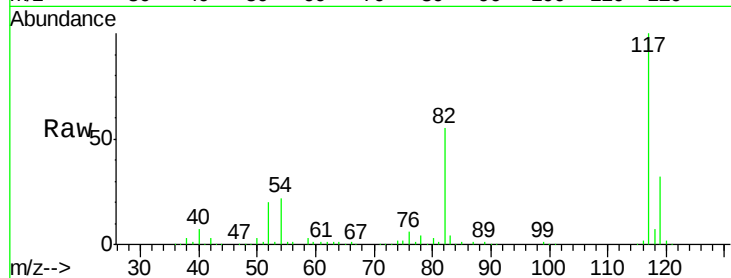




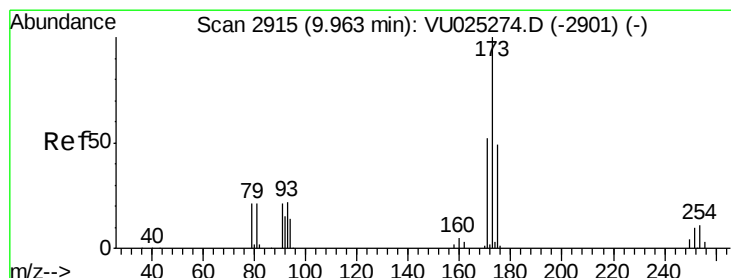
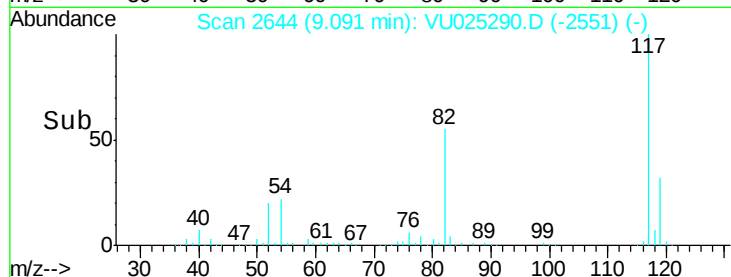
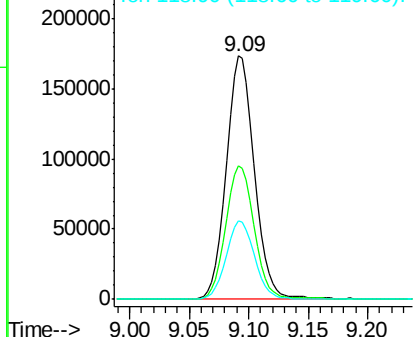
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VU025290.D
Acq: 10 Jul 2018 15:39

Instrument :
MSVOA_U
ClientSampleId :
SLUICEWAY-070518

Tot Ion:117 Resp: 284456
Ion Ratio Lower Upper
117 100
82 54.9 46.0 69.0
119 32.0 26.0 39.0

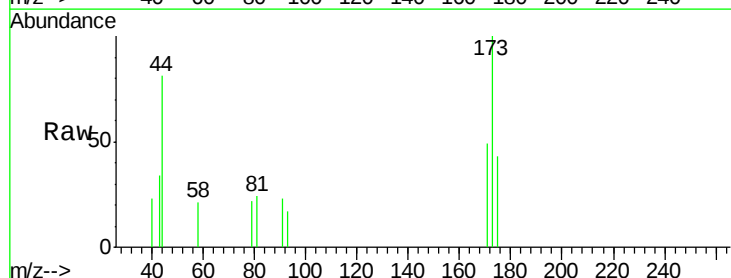


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

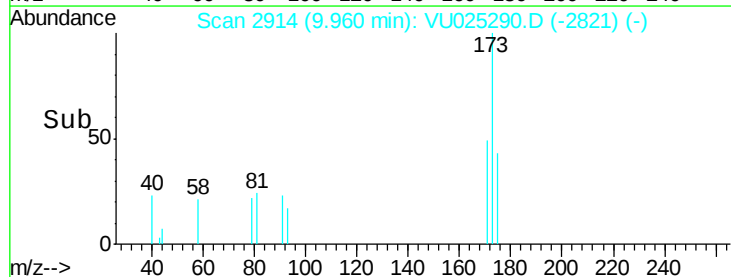
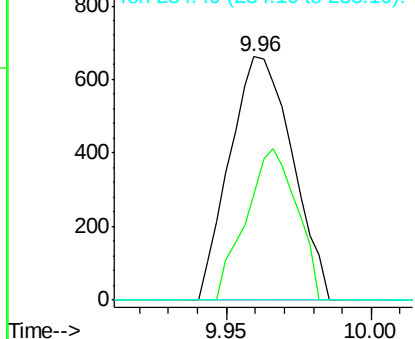


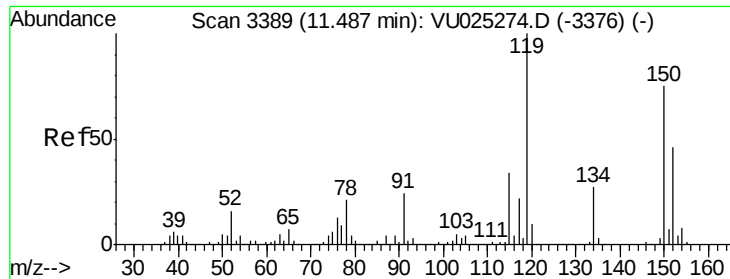
#71
Bromoform
Concen: 4.96 ug/l
RT: 9.96 min Scan# 2914
Delta R.T. -0.00 min
Lab File: VU025290.D
Acq: 10 Jul 2018 15:39

Tgt Ion:173 Resp: 991
Ion Ratio Lower Upper
173 100
175 50.4 24.0 72.0
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): 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: VU025290.D

Acq: 10 Jul 2018 15:39

Instrument :

MSVOA_U

ClientSampleId :

SLUICEWAY-070518

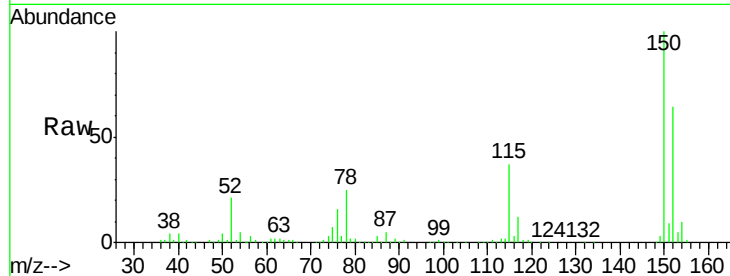
Tot Ion:152 Resp: 149314

Ion Ratio Lower Upper

152 100

115 57.2 40.1 120.3

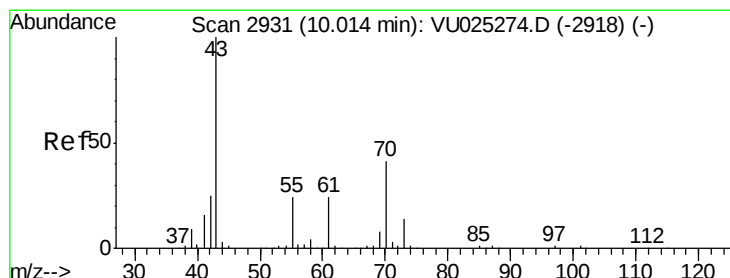
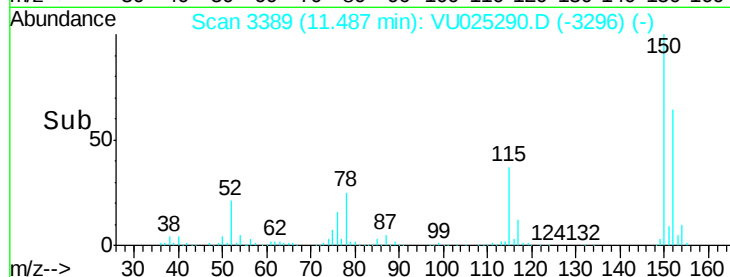
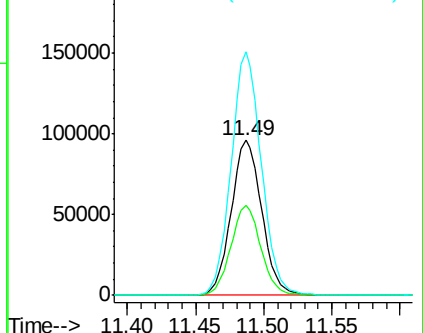
150 155.1 0.0 351.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 1.65 ug/l

RT: 10.02 min Scan# 2933

Delta R.T. 0.01 min

Lab File: VU025290.D

Acq: 10 Jul 2018 15:39

Tgt Ion: 43 Resp: 1846

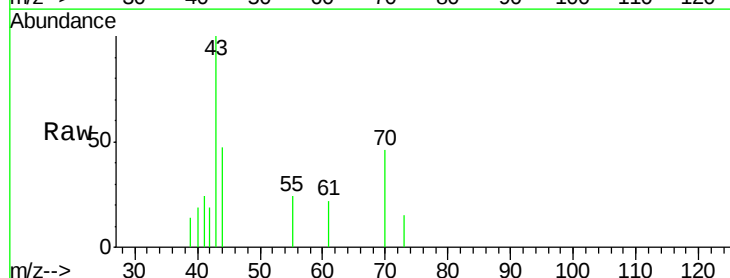
Ion Ratio Lower Upper

43 100

70 34.6 33.4 50.2

55 22.6 19.0 28.6

61 10.6 19.3 28.9#

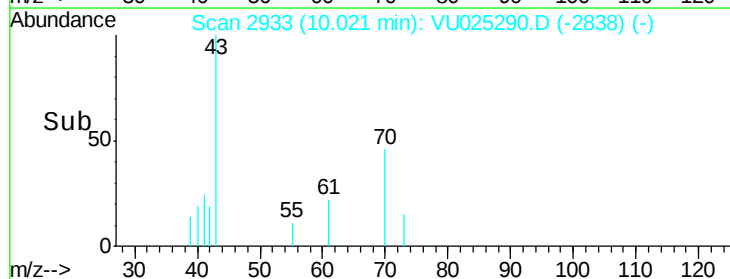
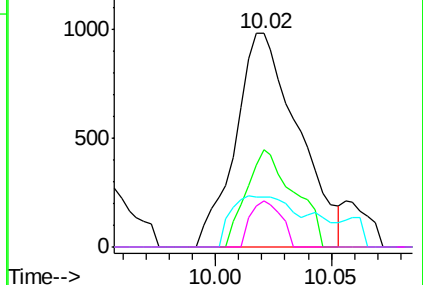


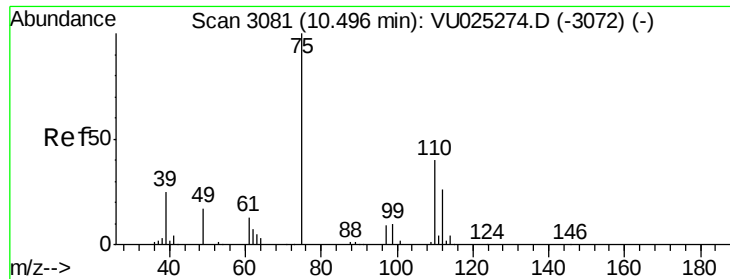
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

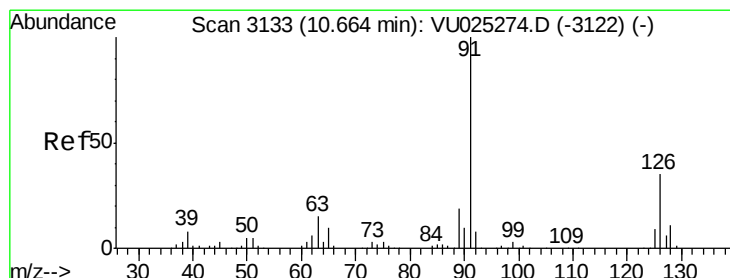
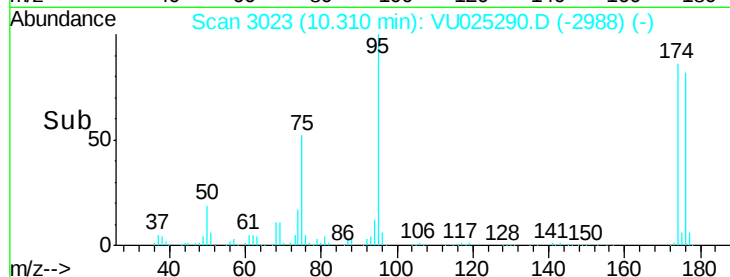
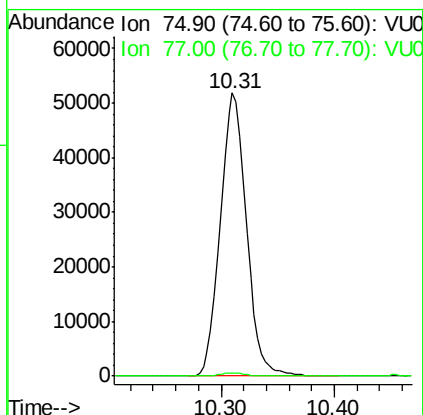
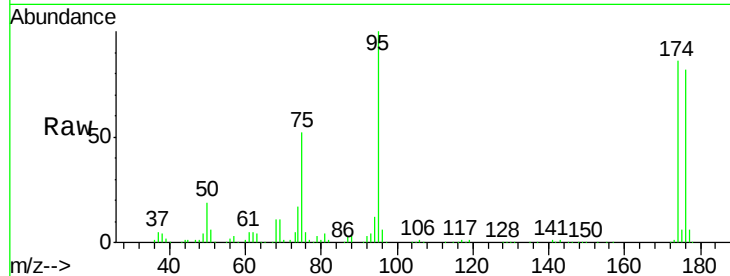




#76
 1,2,3-Trichloropropane
 Concen: 27.47 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. -0.19 min
 Lab File: VU025290.D
 Acq: 10 Jul 2018 15:39

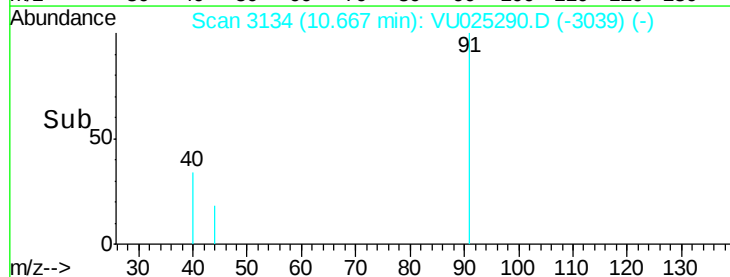
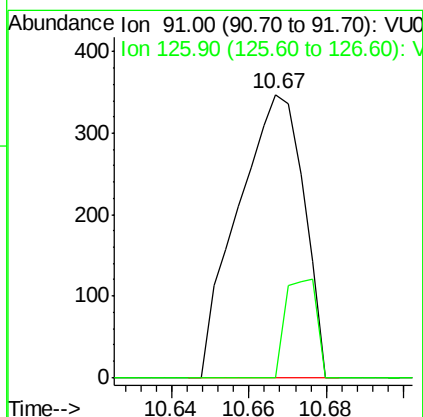
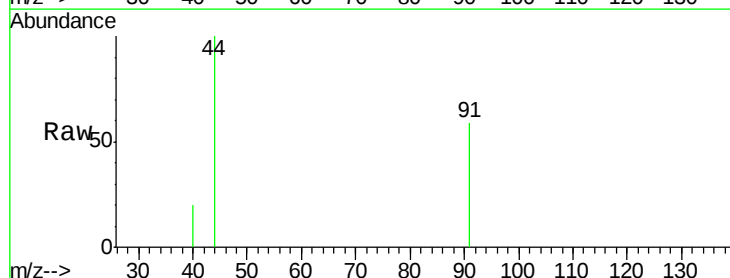
Instrument :
 MSVOA_U
 ClientSampleId :
 SLUICEWAY-070518

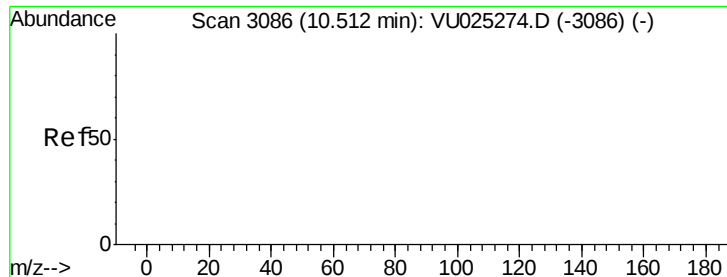
Tot Ion: 75 Resp: 83438
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.4 61.3#



#79
 2-Chlorotoluene
 Concen: 0.20 ug/l
 RT: 10.67 min Scan# 3134
 Delta R.T. 0.00 min
 Lab File: VU025290.D
 Acq: 10 Jul 2018 15:39

Tgt Ion: 91 Resp: 410
 Ion Ratio Lower Upper
 91 100
 126 16.3 17.5 52.6#





#81

trans-1,4-Dichloro-2-butene

Concen: 70.14 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.20 min

Lab File: VU025290.D

Acq: 10 Jul 2018 15:39

Instrument :

MSVOA_U

ClientSampleId :

SLUICEWAY-070518

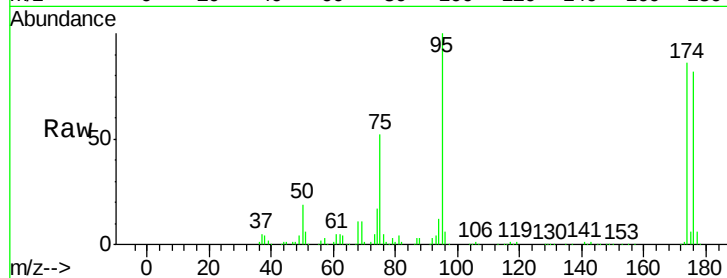
Tot Ion: 75 Resp: 83438

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

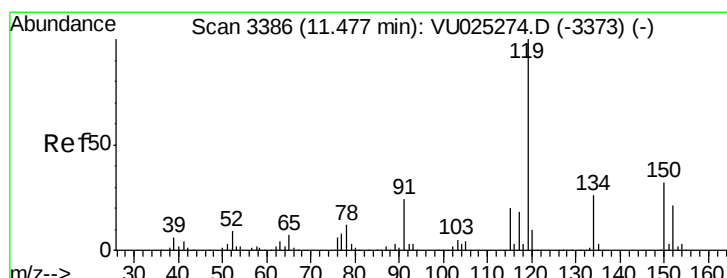
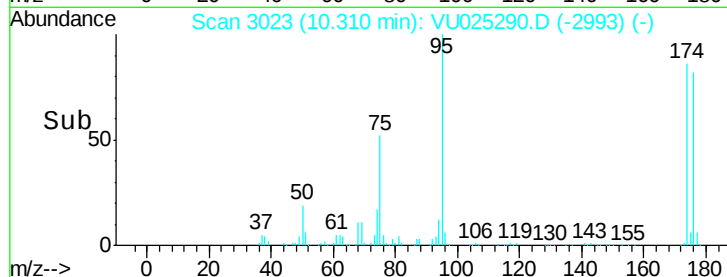
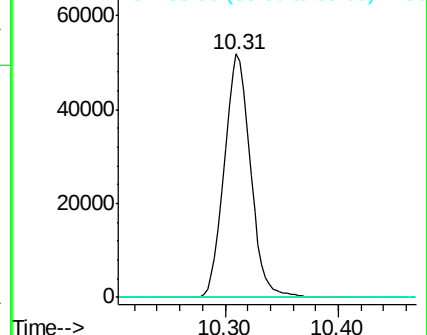
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU025290.D (-2993) (-)

Ion 53.00 (52.70 to 53.70): VU025290.D (-2993) (-)

Ion 88.90 (88.60 to 89.60): VU025290.D (-2993) (-)



#86

p-Isopropyltoluene

Concen: 0.33 ug/l

RT: 11.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VU025290.D

Acq: 10 Jul 2018 15:39

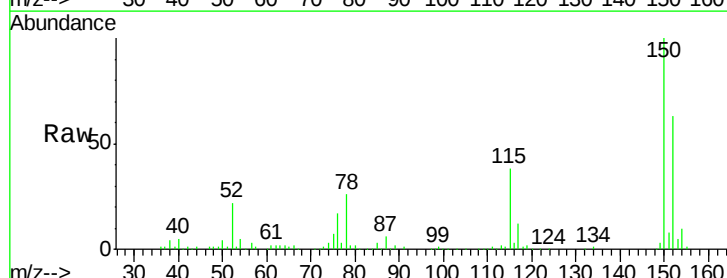
Tgt Ion: 119 Resp: 3357

Ion Ratio Lower Upper

119 100

134 31.4 13.2 39.5

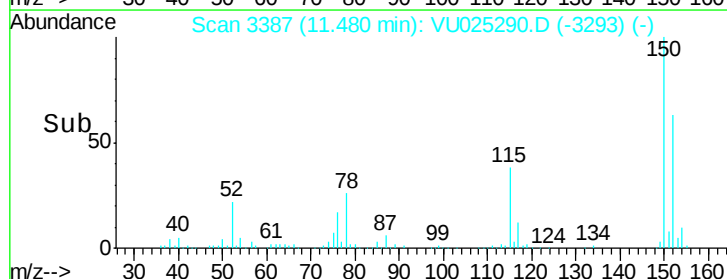
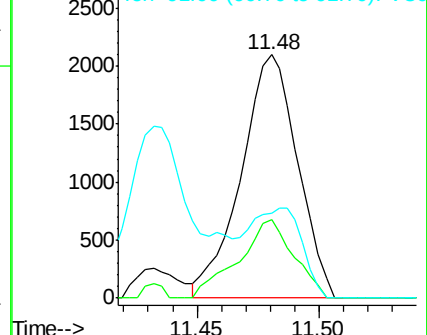
91 33.2 12.0 36.1

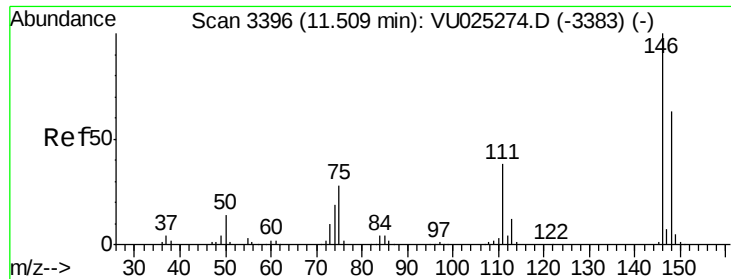


Abundance Ion 119.00 (118.70 to 119.70): VU025290.D (-3293) (-)

Ion 134.00 (133.70 to 134.70): VU025290.D (-3293) (-)

Ion 91.00 (90.70 to 91.70): VU025290.D (-3293) (-)

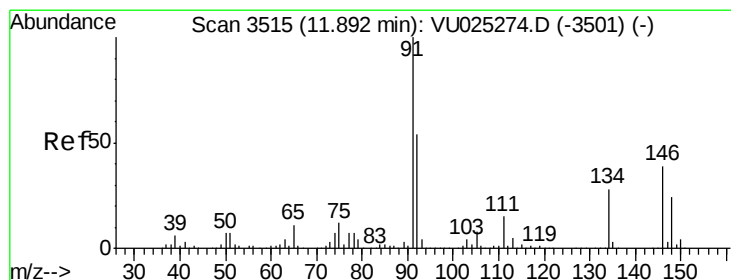
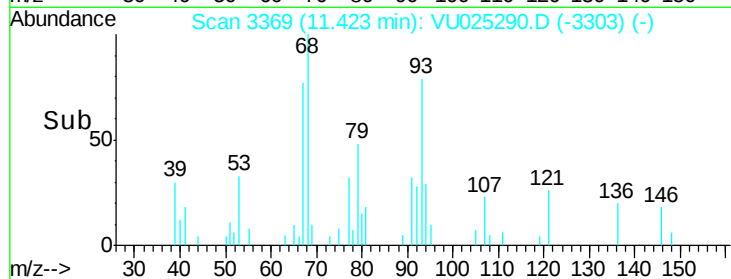
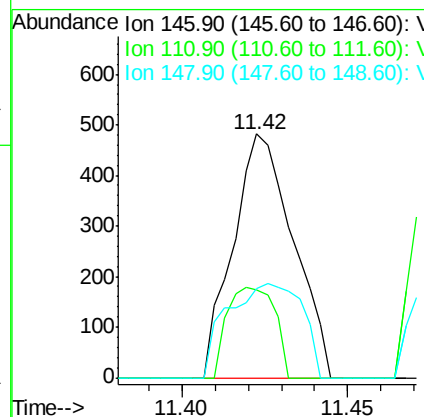
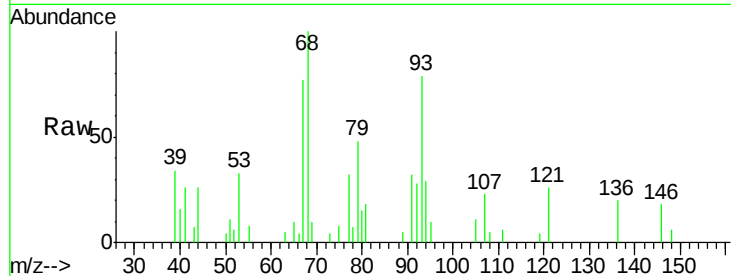




#88
 1,4-Dichlorobenzene
 Concen: 1.60 ug/l
 RT: 11.42 min Scan# 3369
 Delta R.T. -0.09 min
 Lab File: VU025290.D
 Acq: 10 Jul 2018 15:39

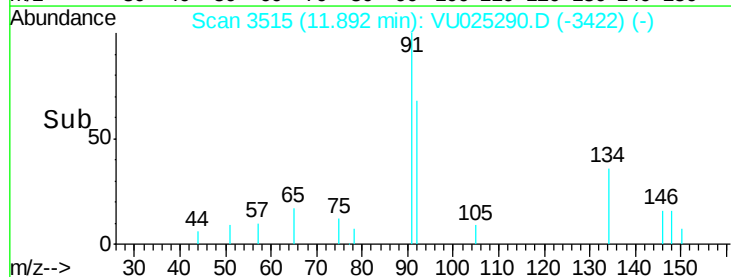
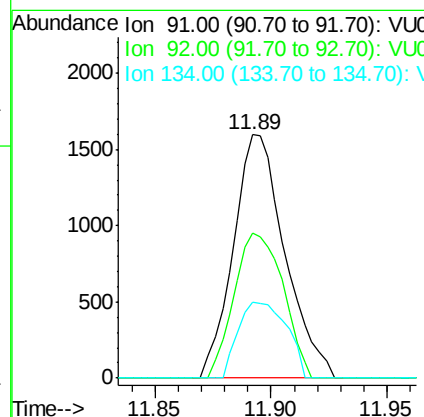
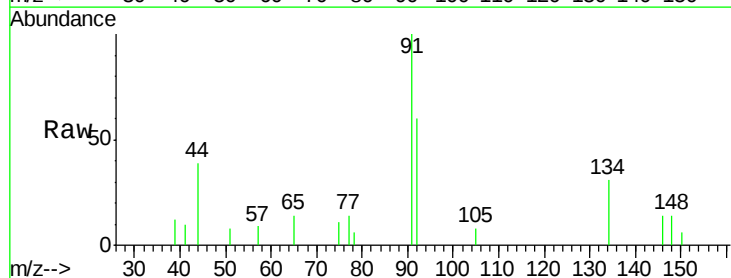
Instrument :
 MSVOA_U
 ClientSampleId :
 SLUICEWAY-070518

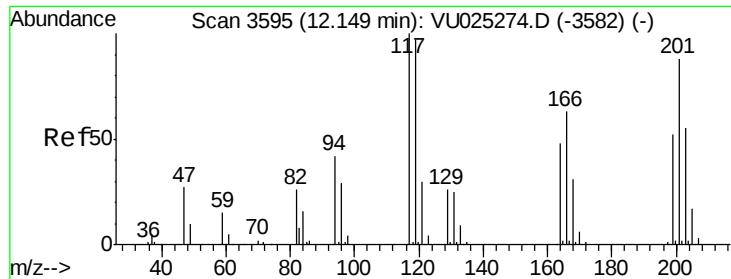
Tot Ion:146 Resp: 609
 Ion Ratio Lower Upper
 146 100
 111 29.1 19.4 58.1
 148 47.6 31.7 95.1



#89
 n-Butylbenzene
 Concen: 0.30 ug/l
 RT: 11.89 min Scan# 3515
 Delta R.T. 0.00 min
 Lab File: VU025290.D
 Acq: 10 Jul 2018 15:39

Tgt Ion: 91 Resp: 2463
 Ion Ratio Lower Upper
 91 100
 92 56.6 26.5 79.5
 134 29.0 13.6 40.7

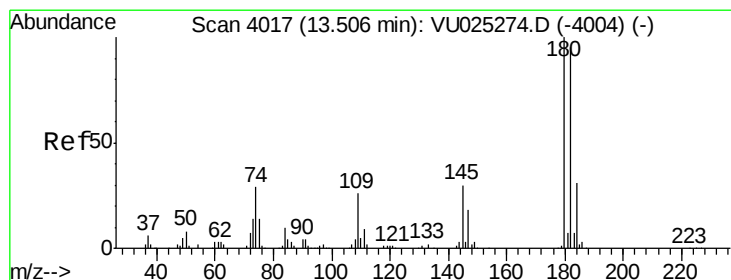
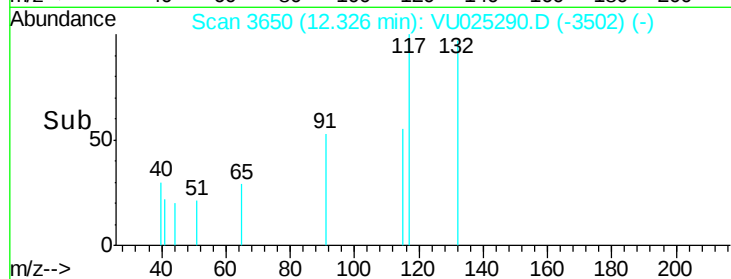
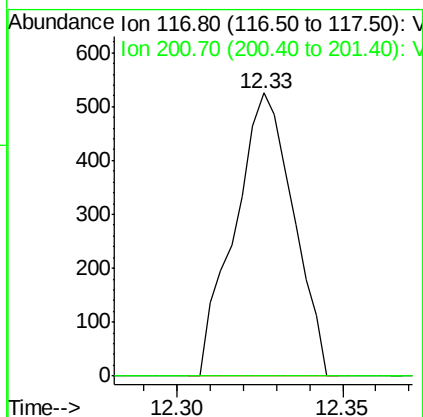
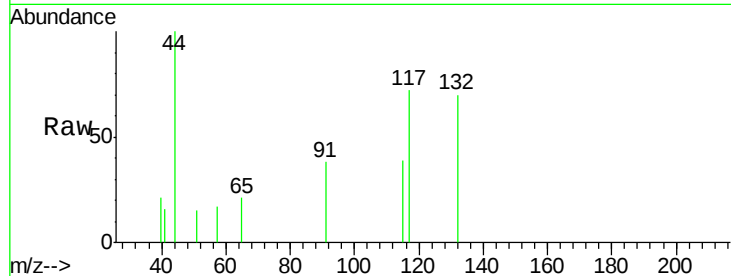




#90
Hexachloroethane
Concen: 0.38 ug/l
RT: 12.33 min Scan# 3650
Delta R.T. 0.18 min
Lab File: VU025290.D
Acq: 10 Jul 2018 15:39

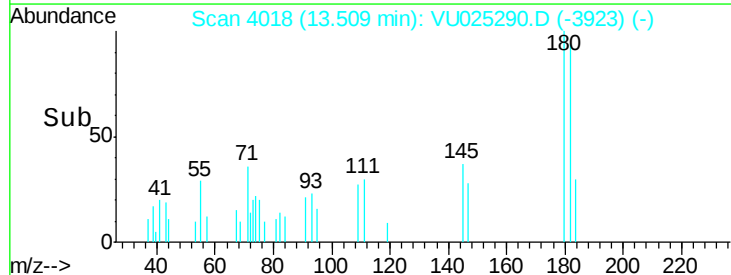
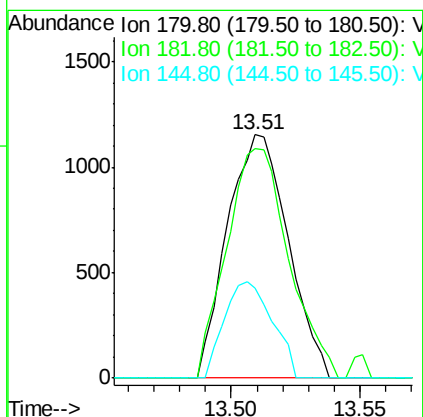
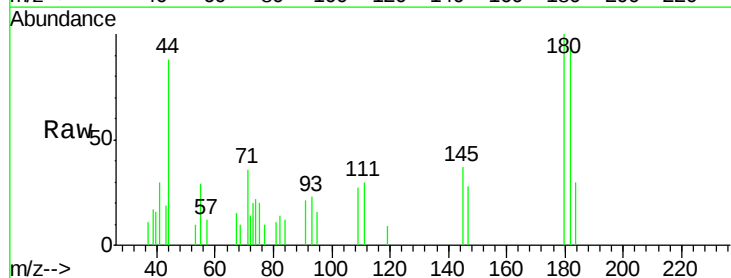
Instrument :
MSVOA_U
ClientSampleId :
SLUICEWAY-070518

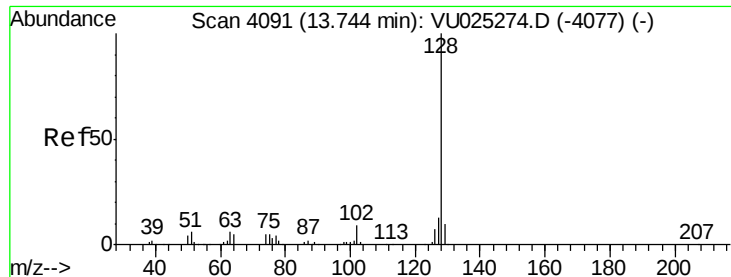
Tot Ion:117 Resp: 645
Ion Ratio Lower Upper
117 100
201 0.0 42.5 127.6#



#93
1,2,4-Trichlorobenzene
Concen: 3.77 ug/l
RT: 13.51 min Scan# 4018
Delta R.T. 0.00 min
Lab File: VU025290.D
Acq: 10 Jul 2018 15:39

Tgt Ion:180 Resp: 1897
Ion Ratio Lower Upper
180 100
182 96.4 47.3 141.9
145 31.3 14.9 44.7





#95

Naphthalene

Concen: 5.87 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU025290.D

Acq: 10 Jul 2018 15:39

Instrument :

MSVOA_U

ClientSampleId :

SLUICEWAY-070518

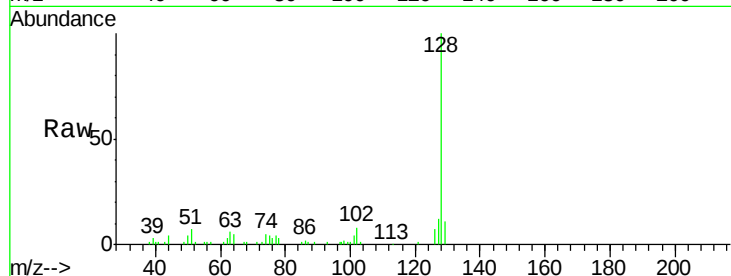
Tot Ion:128 Resp: 39847

Ion Ratio Lower Upper

128 100

127 12.4 10.5 15.7

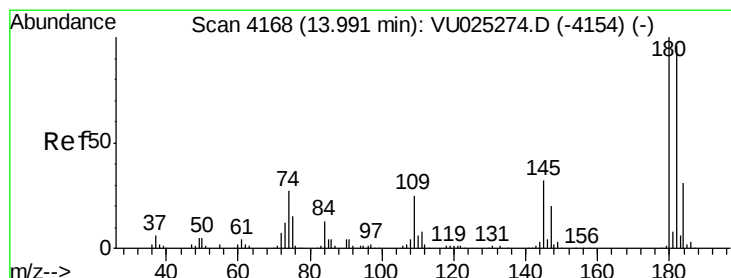
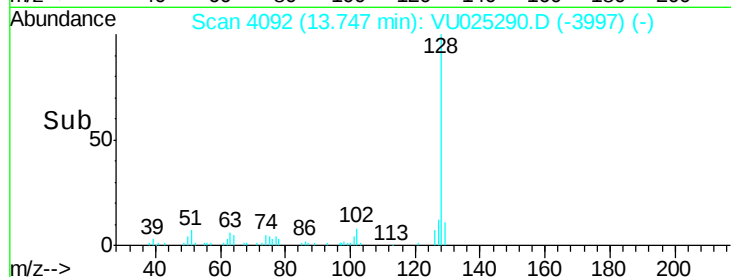
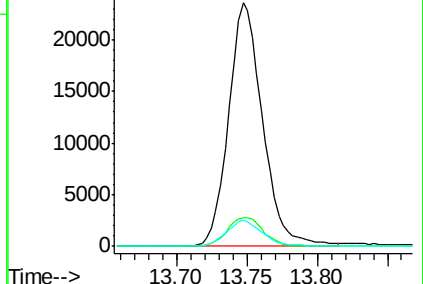
129 11.1 8.3 12.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 3.14 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU025290.D

Acq: 10 Jul 2018 15:39

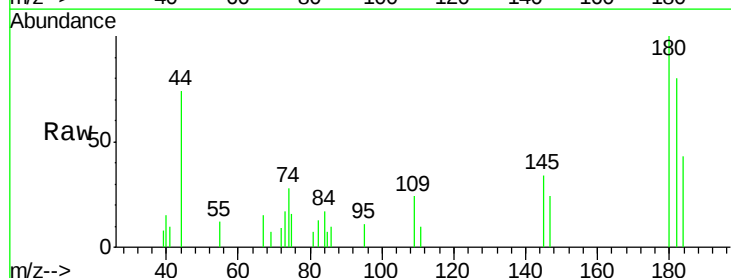
Tgt Ion:180 Resp: 2370

Ion Ratio Lower Upper

180 100

182 90.8 47.8 143.3

145 28.7 15.6 46.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

