

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062518\
 Data File : VU024873.D
 Acq On : 25 Jun 2018 14:31
 Operator : MD/SY
 Sample : J3662-05DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 26 05:14:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	204814	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	314803	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	294201	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	159902	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	151884	45.42	ug/l	0.00
Spiked Amount			Recovery	=	90.84%	
35) Dibromofluoromethane	4.89	113	122204	46.77	ug/l	0.00
Spiked Amount			Recovery	=	93.54%	
50) Toluene-d8	7.57	98	454657	47.71	ug/l	0.00
Spiked Amount			Recovery	=	95.42%	
62) 4-Bromofluorobenzene	10.31	95	171511	45.33	ug/l	0.00
Spiked Amount			Recovery	=	90.66%	

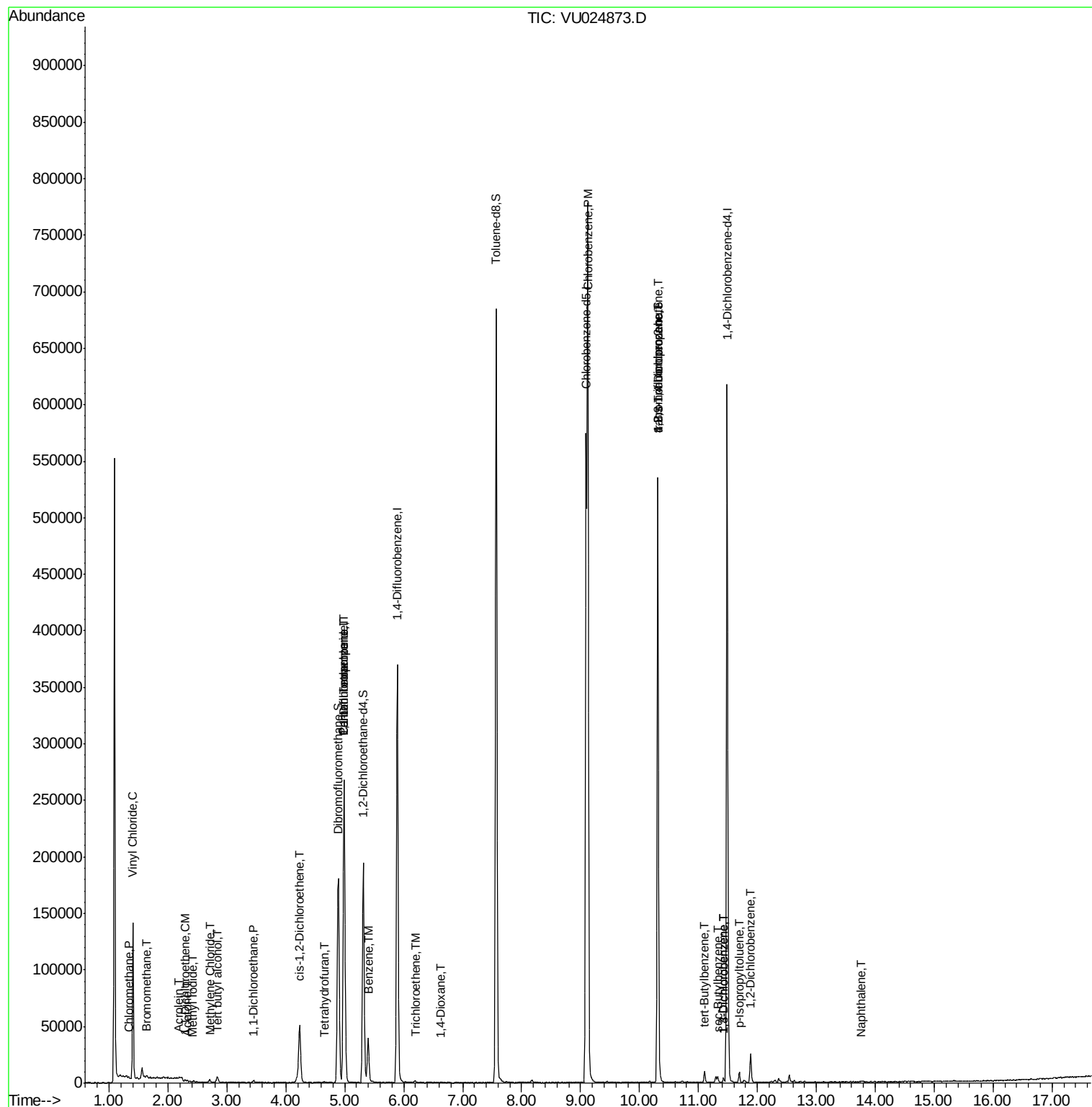
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	796	0.30	ug/l	100
4) Vinyl Chloride	1.40	62	85853	31.78	ug/l	97
5) Bromomethane	1.63	94	762	0.58	ug/l	99
10) Methyl Iodide	2.41	142	112	5.33	ug/l #	40
11) Tert butyl alcohol	2.83	59	4037	4.96	ug/l #	76
12) 1,1-Dichloroethene	2.28	96	541	0.23	ug/l #	71
13) Acrolein	2.20	56	87	0.20	ug/l #	1
16) Acetone	2.32	43	563	0.31	ug/l #	44
20) Methylene Chloride	2.71	84	1083	0.38	ug/l #	92
24) 1,1-Dichloroethane	3.45	63	2319	0.47	ug/l #	83
27) cis-1,2-Dichloroethene	4.23	96	28271	9.57	ug/l	87
29) Tetrahydrofuran	4.65	42	586	0.39	ug/l #	54
31) Cyclohexane	4.99	56	4455	Below Cal	#	1
36) 1,1-Dichloropropene	4.99	75	15982	4.32	ug/l #	49
38) Carbon Tetrachloride	4.99	117	19784	4.86	ug/l #	15
40) Benzene	5.40	78	36533	3.47	ug/l	99
44) Trichloroethene	6.19	130	668	0.22	ug/l	99
49) 1,4-Dioxane	6.63	88	143	2.15	ug/l #	1
65) Chlorobenzene	9.12	112	402912	53.61	ug/l	99
76) 1,2,3-Trichloropropane	10.31	75	88932	25.26	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	88932	58.47	ug/l #	100
83) tert-Butylbenzene	11.10	119	4866	0.48	ug/l	92
85) sec-Butylbenzene	11.33	105	3327	0.26	ug/l	93
86) p-Isopropyltoluene	11.69	119	5070	0.44	ug/l	96
87) 1,3-Dichlorobenzene	11.42	146	1823	0.32	ug/l	96
88) 1,4-Dichlorobenzene	11.42	146	1823	0.32	ug/l	96
91) 1,2-Dichlorobenzene	11.89	146	10471	1.82	ug/l	98
95) Naphthalene	13.76	128	371	0.71	ug/l #	69

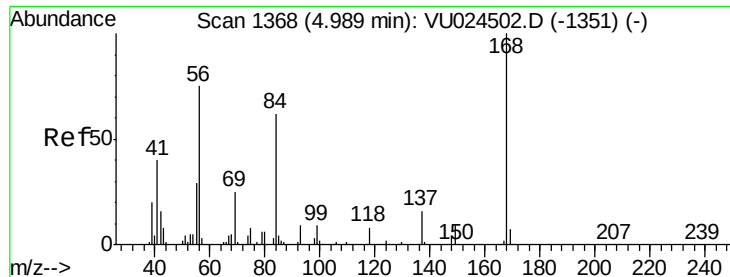
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
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: VU024873.D

Acq: 25 Jun 2018 14:31

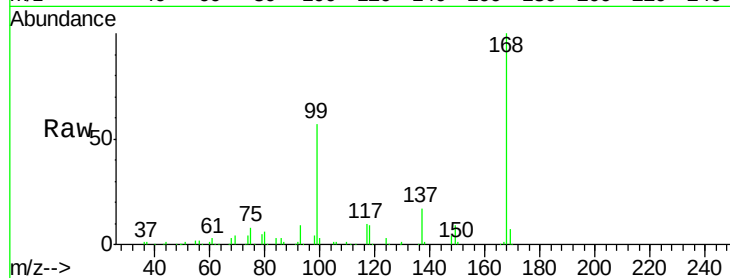
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:168 Resp: 204814

Ion Ratio Lower Upper

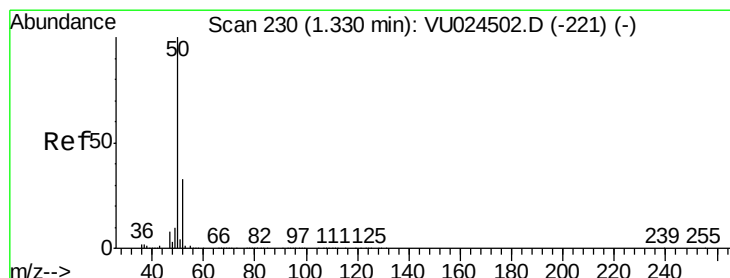
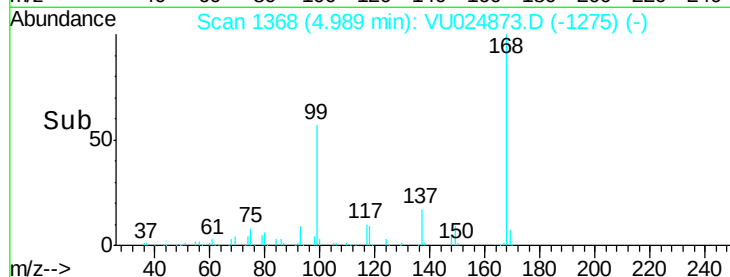
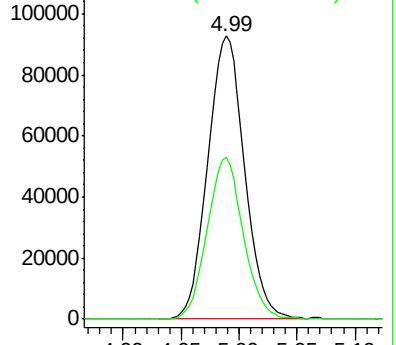
168 100

99 57.0 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024873.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU024873.D (-1275) (-)



#3

Chloromethane

Concen: 0.30 ug/l

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU024873.D

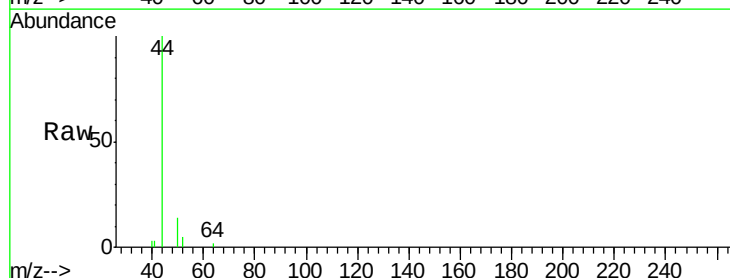
Acq: 25 Jun 2018 14:31

Tgt Ion: 50 Resp: 796

Ion Ratio Lower Upper

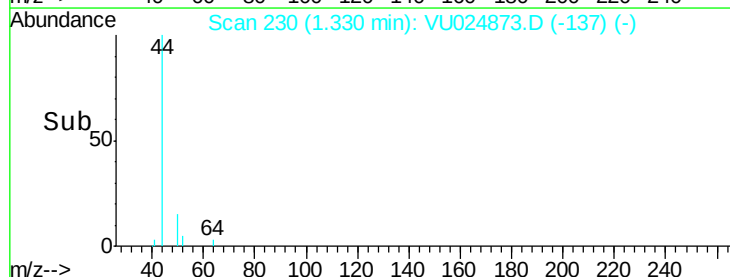
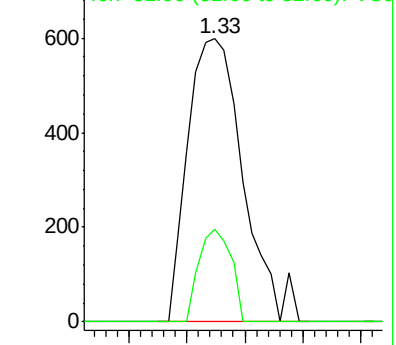
50 100

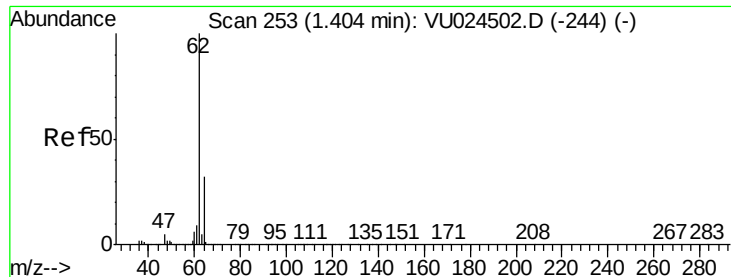
52 32.8 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VU024873.D (-137) (-)

Ion 51.90 (51.60 to 52.60): VU024873.D (-137) (-)





#4

Vinyl Chloride

Concen: 31.78 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU024873.D

Acq: 25 Jun 2018 14:31

Instrument :

MSVOA_U

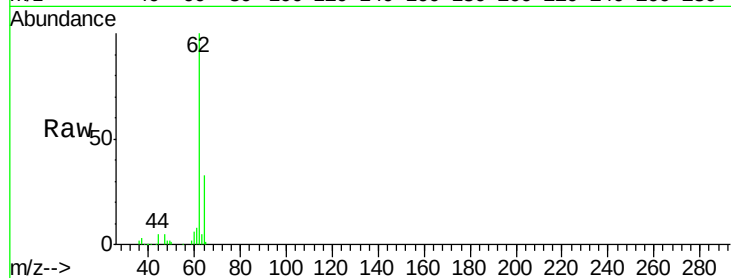
ClientSampleId :

Tot Ion: 62 Resp: 85853

Ion Ratio Lower Upper

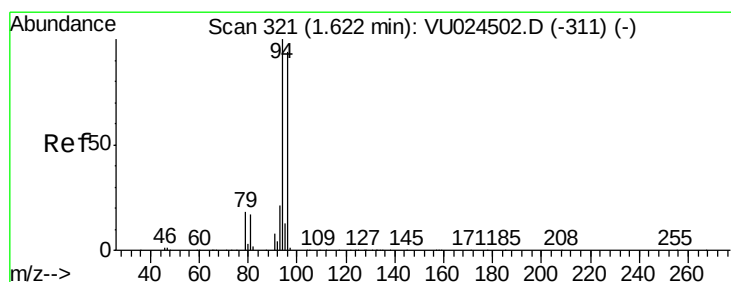
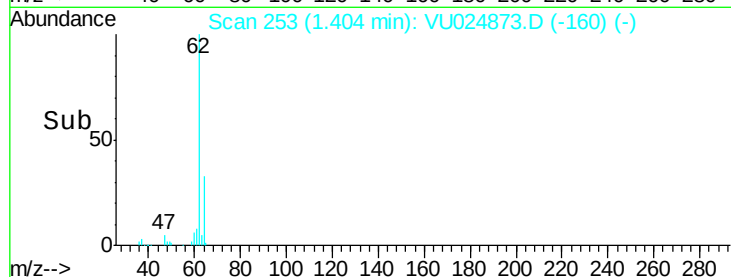
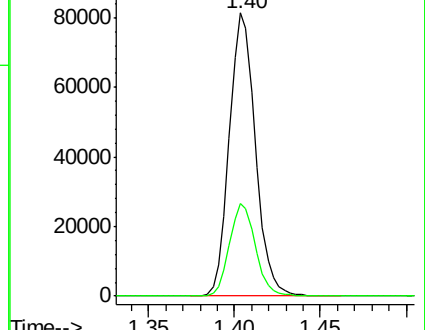
62 100

64 32.6 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU024873.D (-160) (-)

Ion 63.90 (63.60 to 64.60): VU024873.D (-160) (-)



#5

Bromomethane

Concen: 0.58 ug/l

RT: 1.63 min Scan# 324

Delta R.T. 0.01 min

Lab File: VU024873.D

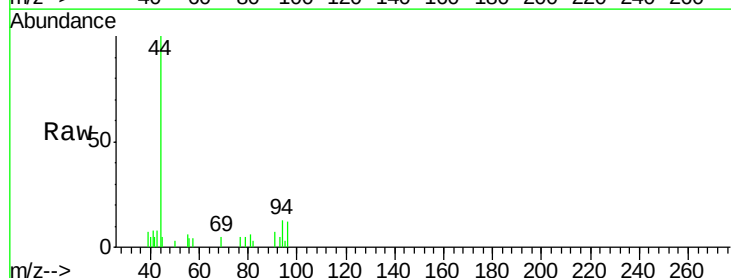
Acq: 25 Jun 2018 14:31

Tgt Ion: 94 Resp: 762

Ion Ratio Lower Upper

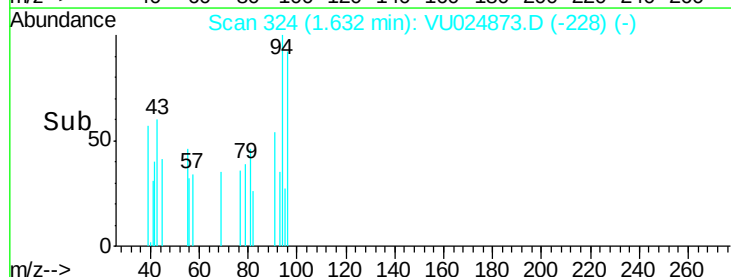
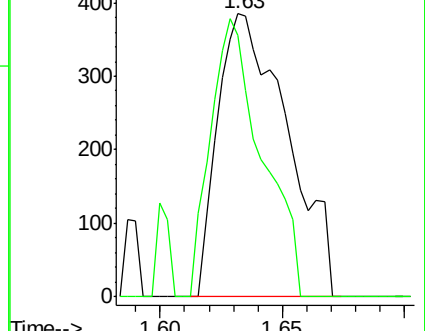
94 100

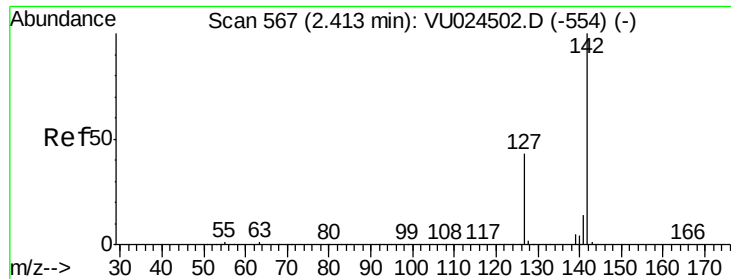
96 92.2 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VU024873.D (-228) (-)

Ion 95.90 (95.60 to 96.60): VU024873.D (-228) (-)

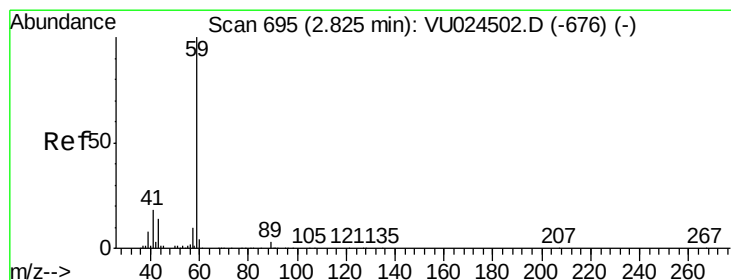
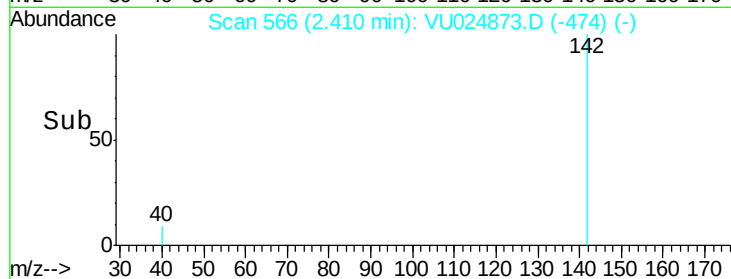
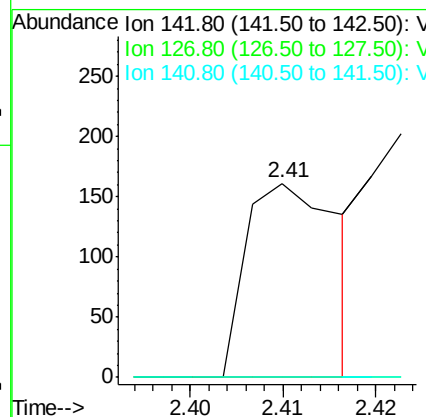
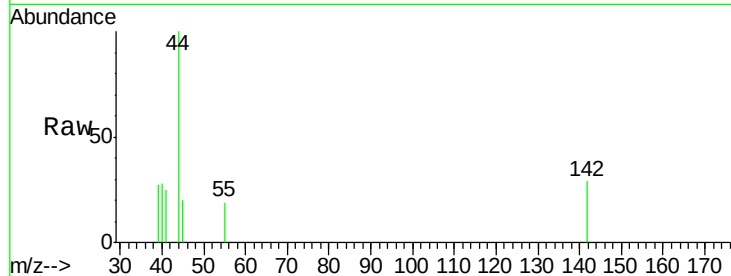




#10
Methvl Iodide
Concen: 5.33 ug/l
RT: 2.41 min Scan# 566
Delta R.T. -0.00 min
Lab File: VU024873.D
Acq: 25 Jun 2018 14:31

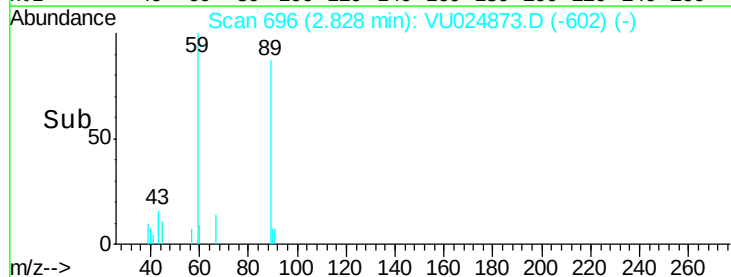
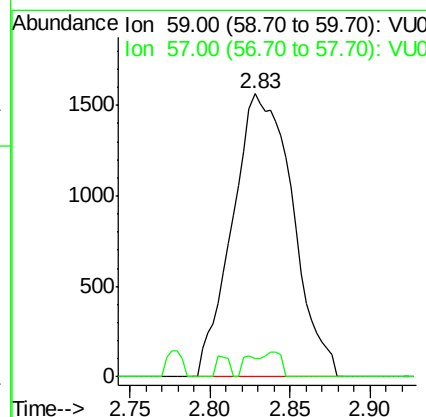
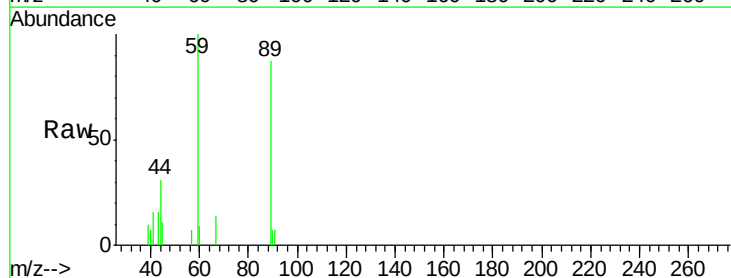
Instrument :
MSVOA_U
ClientSampled :

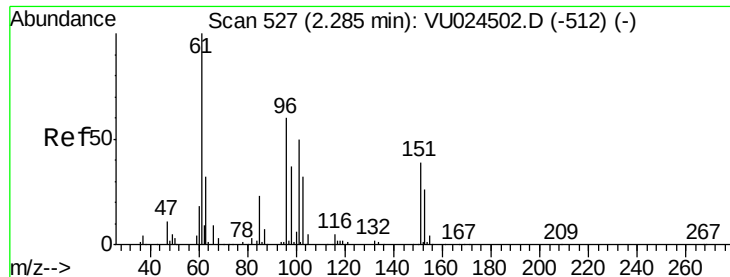
Tot Ion:142 Resp: 112
Ion Ratio Lower Upper
142 100
127 0.0 35.6 53.4#
141 0.0 11.7 17.5#



#11
Tert butyl alcohol
Concen: 4.96 ug/l
RT: 2.83 min Scan# 696
Delta R.T. 0.00 min
Lab File: VU024873.D
Acq: 25 Jun 2018 14:31

Tgt Ion: 59 Resp: 4037
Ion Ratio Lower Upper
59 100
57 1.6 8.5 12.7#





#12

1,1-Dichloroethene

Concen: 0.23 ug/l

RT: 2.28 min Scan# 527

Delta R.T. 0.00 min

Lab File: VU024873.D

Acq: 25 Jun 2018 14:31

Instrument :
MSVOA_U
ClientSampleId :

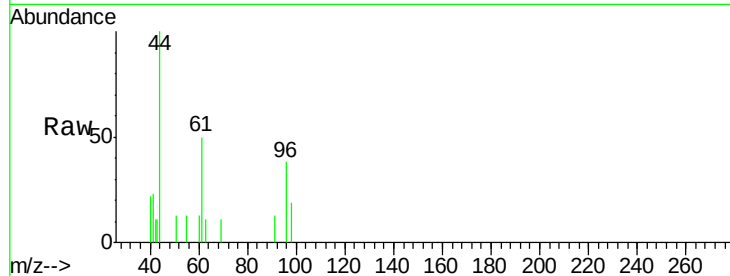
Tot Ion: 96 Resp: 541

Ion Ratio Lower Upper

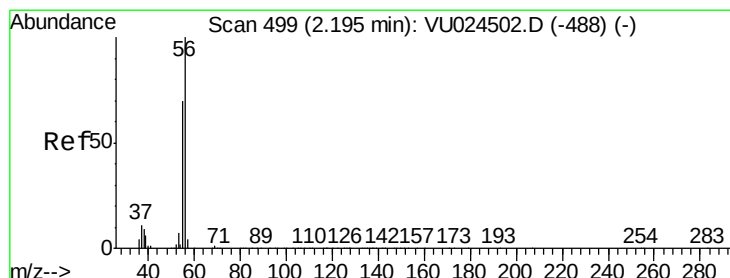
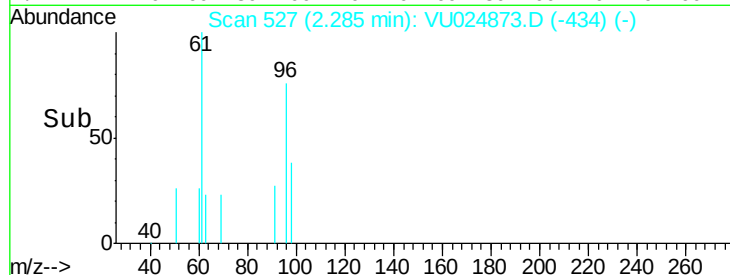
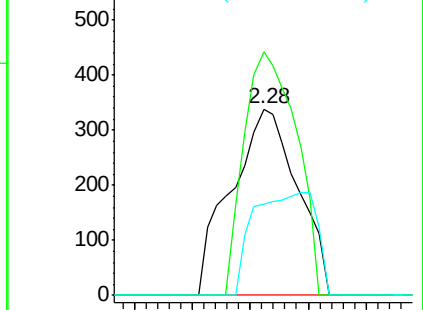
96 100

61 130.8 141.7 212.5#

98 49.4 51.6 77.4#



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



#13

Acrolein

Concen: 0.20 ug/l

RT: 2.20 min Scan# 500

Delta R.T. 0.00 min

Lab File: VU024873.D

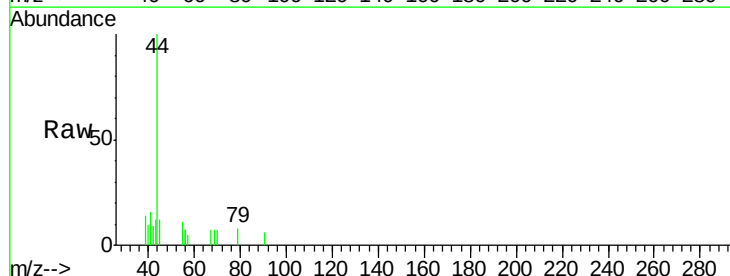
Acq: 25 Jun 2018 14:31

Tgt Ion: 56 Resp: 87

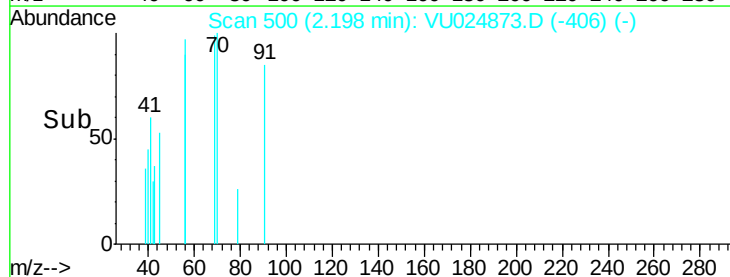
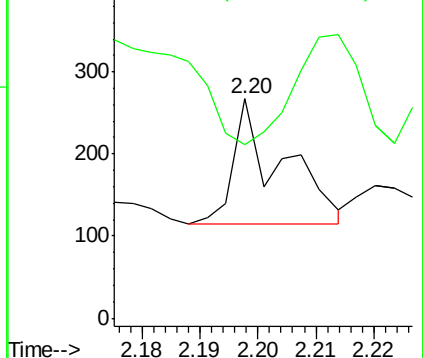
Ion Ratio Lower Upper

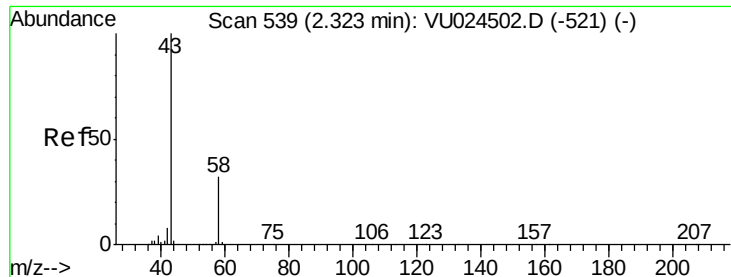
56 100

55 162.1 58.4 87.6#



Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 55.00 (54.70 to 55.70): VU0





#16

Acetone

Concen: 0.31 ug/l

RT: 2.32 min Scan# 537

Delta R.T. -0.01 min

Lab File: VU024873.D

Acq: 25 Jun 2018 14:31

Instrument :

MSVOA_U

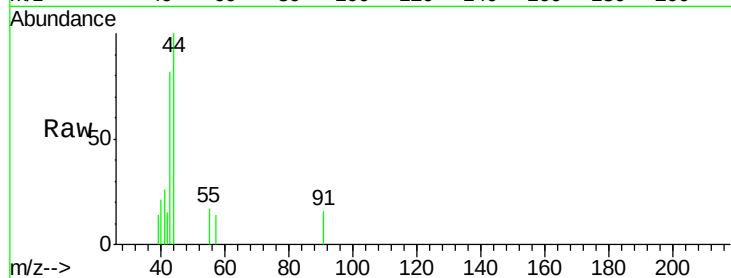
ClientSampleId :

Tot Ion: 43 Resp: 563

Ion Ratio Lower Upper

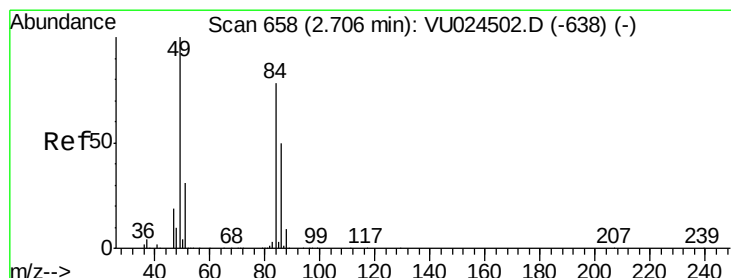
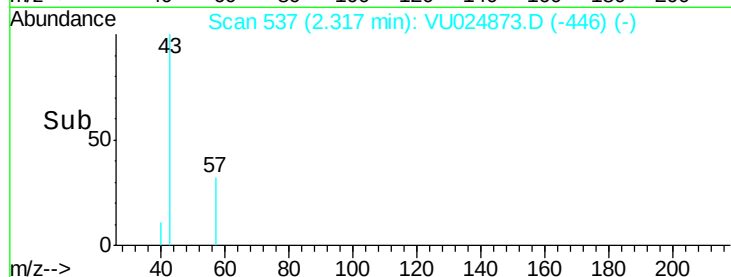
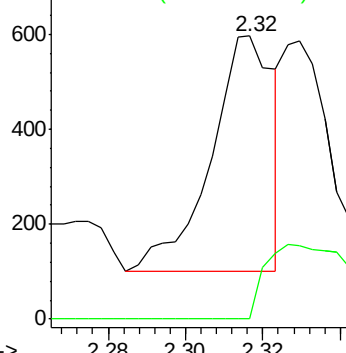
43 100

58 0.0 24.4 36.6#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#20

Methylene Chloride

Concen: 0.38 ug/l

RT: 2.71 min Scan# 658

Delta R.T. 0.00 min

Lab File: VU024873.D

Acq: 25 Jun 2018 14:31

Tgt Ion: 84 Resp: 1083

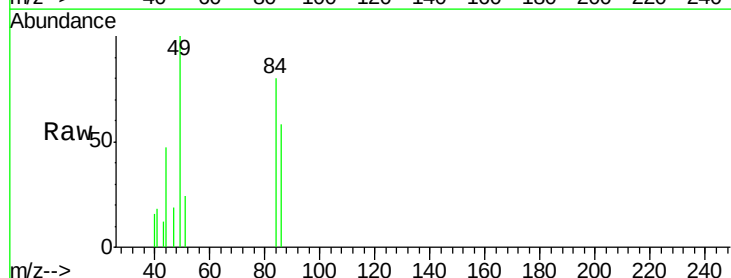
Ion Ratio Lower Upper

84 100

49 125.1 103.8 155.8

51 30.3 32.0 48.0#

86 72.9 51.6 77.4

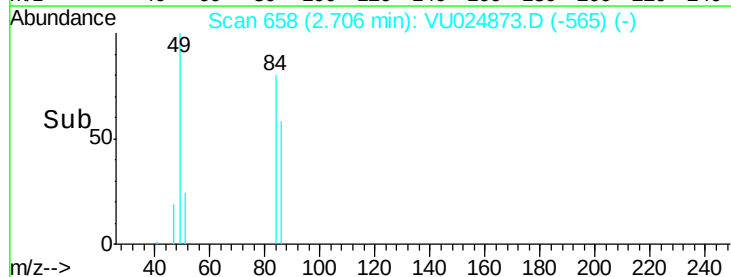
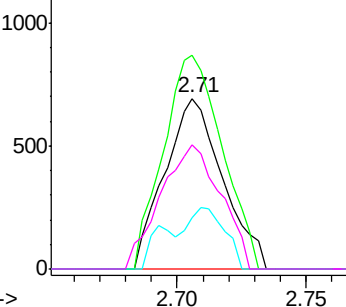


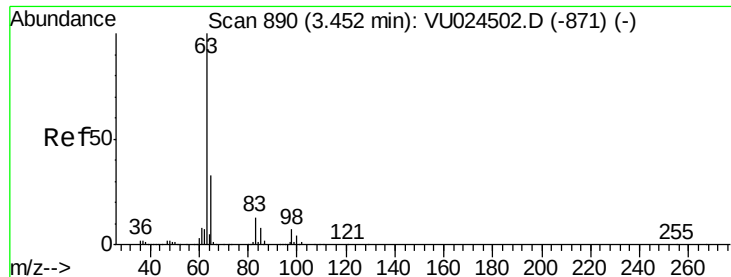
Abundance Ion 83.90 (83.60 to 84.60): VU0

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





#24

1,1-Dichloroethane

Concen: 0.47 ug/l

RT: 3.45 min Scan# 891

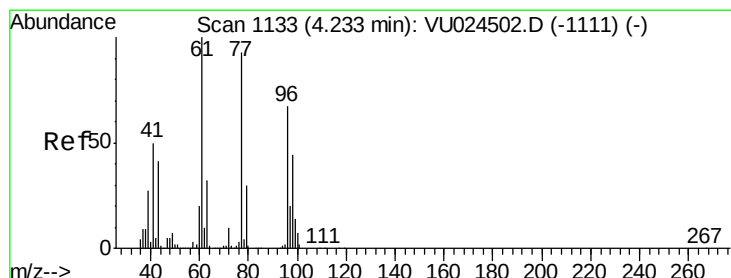
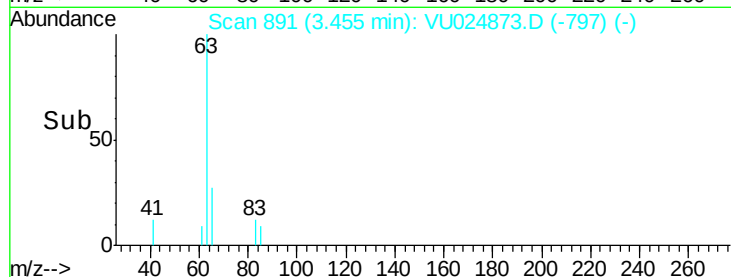
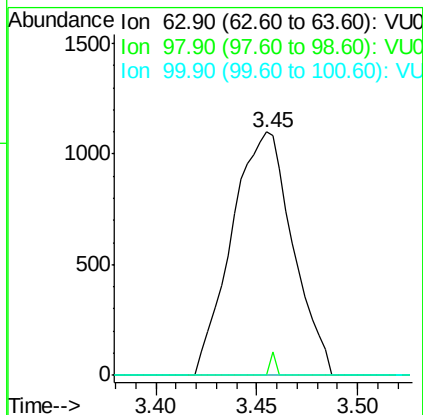
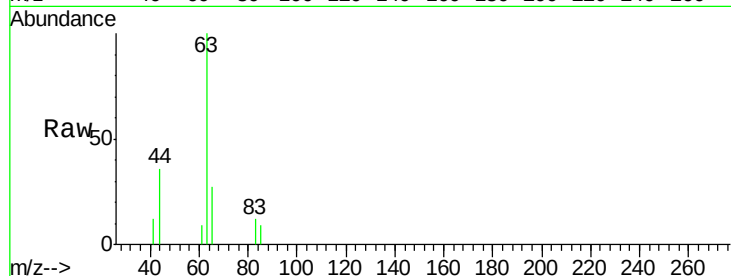
Delta R.T. 0.00 min

Lab File: VU024873.D

Acq: 25 Jun 2018 14:31

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:	63	Resp:	2319
Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.5	10.4#
100	0.0	1.8	5.5#



#27

cis-1,2-Dichloroethene

Concen: 9.57 ug/l

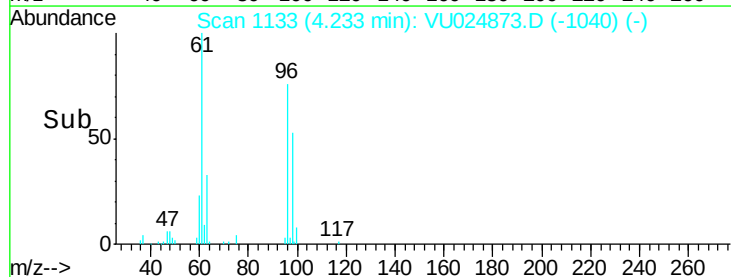
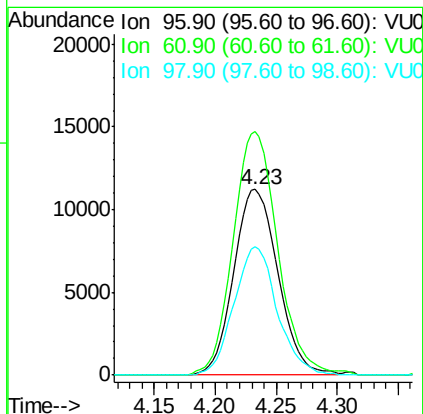
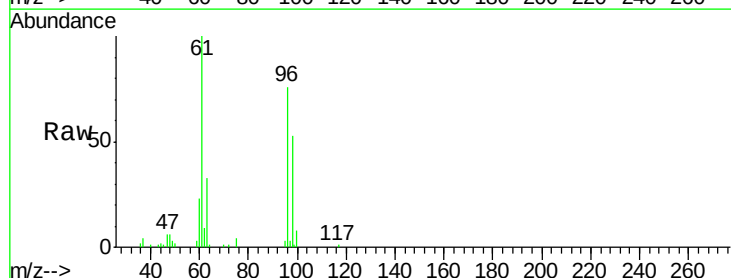
RT: 4.23 min Scan# 1133

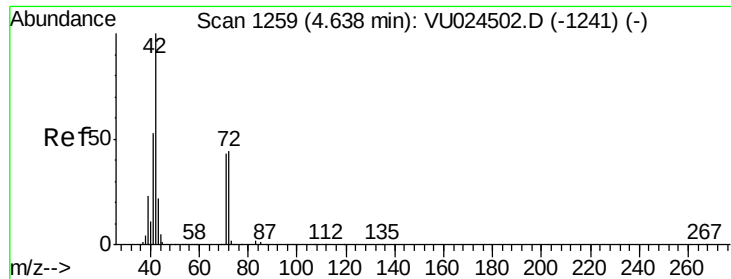
Delta R.T. 0.00 min

Lab File: VU024873.D

Acq: 25 Jun 2018 14:31

Tgt Ion:	96	Resp:	28271
Ion	Ratio	Lower	Upper
96	100		
61	131.4	0.0	306.6
98	67.3	0.0	128.8

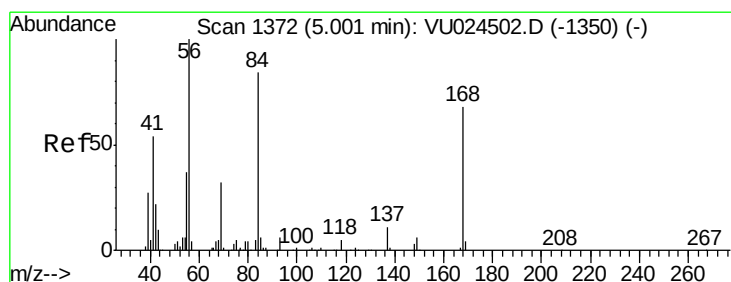
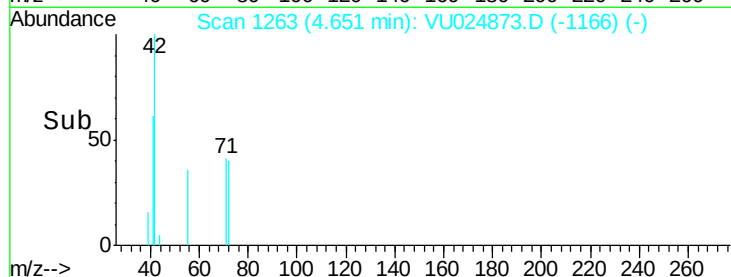
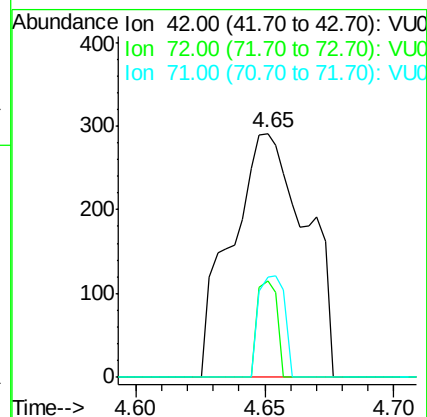
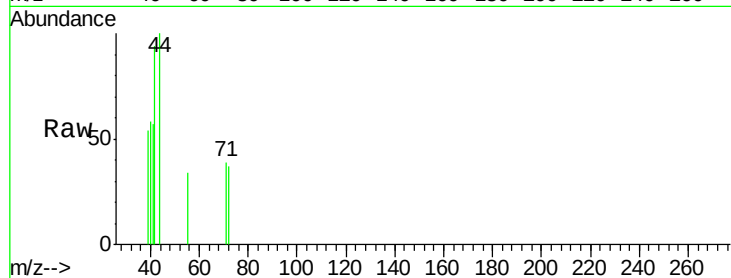




#29
Tetrahydrofuran
Concen: 0.39 ug/l
RT: 4.65 min Scan# 1263
Delta R.T. 0.01 min
Lab File: VU024873.D
Acq: 25 Jun 2018 14:31

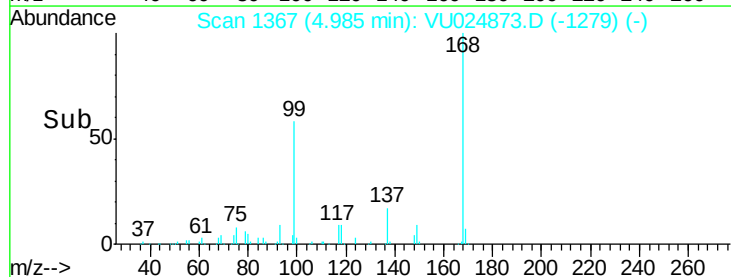
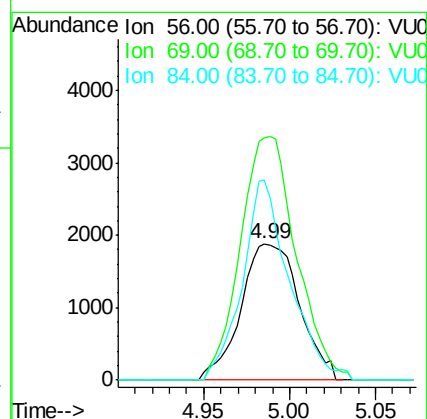
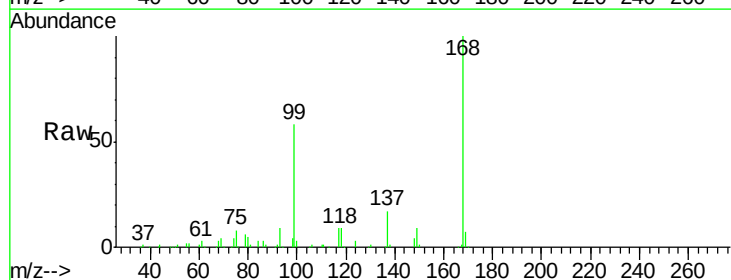
Instrument :
MSVOA_U
ClientSampleId :

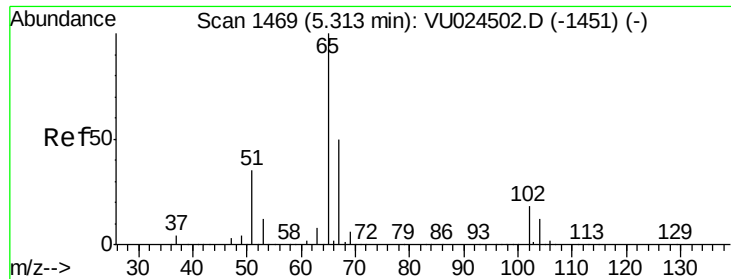
Tot Ion: 42 Resp: 586
Ion Ratio Lower Upper
42 100
72 10.6 34.5 51.7#
71 14.7 32.2 48.4#



#31
Cyclohexane
Concen: Below Cal
RT: 4.99 min Scan# 1367
Delta R.T. -0.02 min
Lab File: VU024873.D
Acq: 25 Jun 2018 14:31

Tgt Ion: 56 Resp: 4455
Ion Ratio Lower Upper
56 100
69 177.4 24.8 37.2#
84 146.7 65.2 97.8#

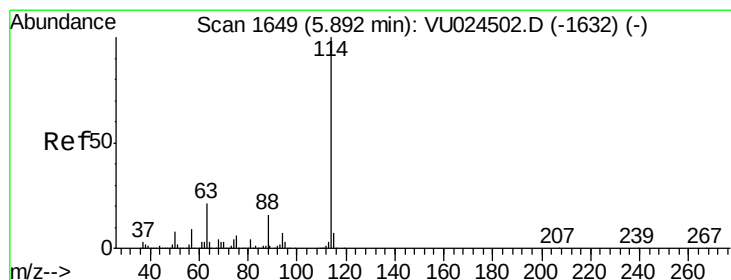
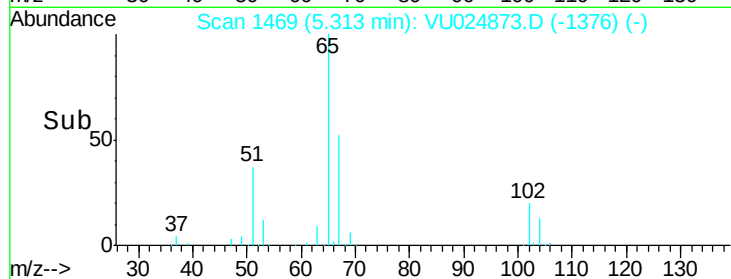
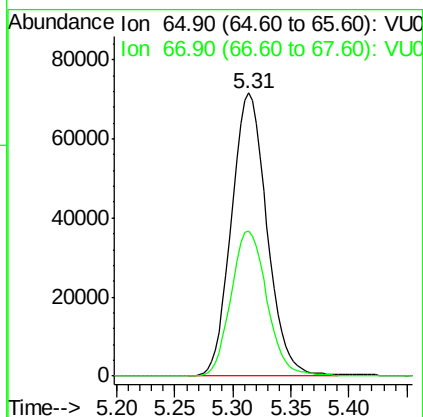
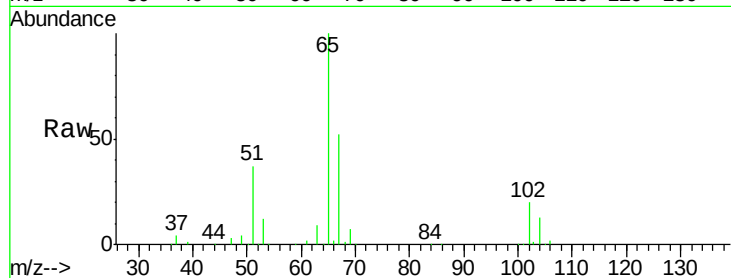




#33
 1,2-Dichloroethane-d4
 Concen: 45.42 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU024873.D
 Acq: 25 Jun 2018 14:31

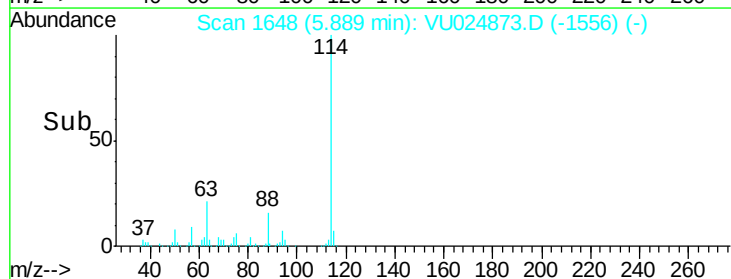
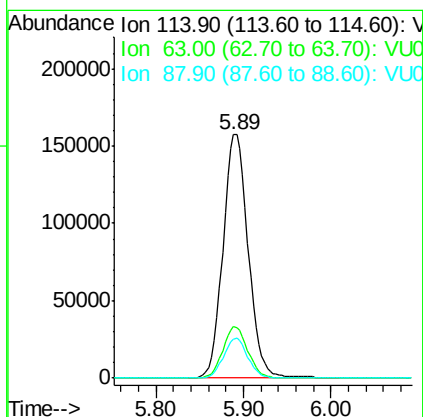
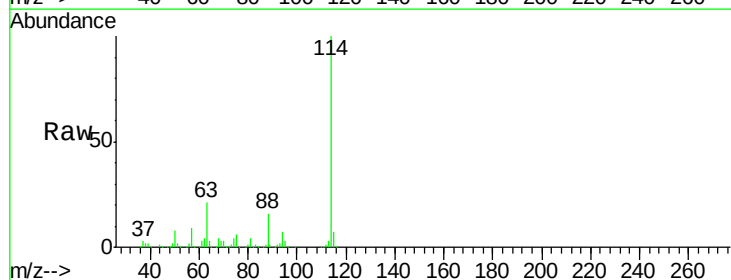
Instrument :
 MSVOA_U
 ClientSampleId :

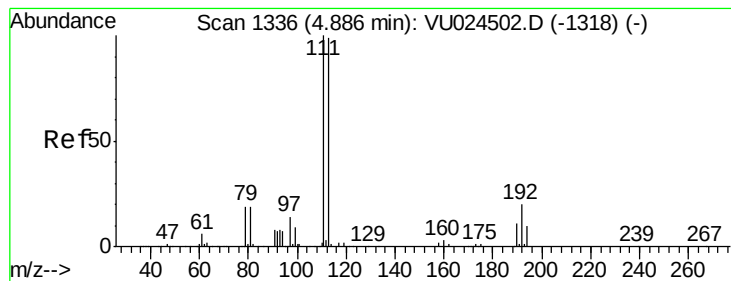
Tot Ion: 65 Resp: 151884
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU024873.D
 Acq: 25 Jun 2018 14:31

Tgt Ion: 114 Resp: 314803
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 45.4
 88 16.1 0.0 31.0





#35

Dibromofluoromethane

Concen: 46.77 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU024873.D

Acq: 25 Jun 2018 14:31

Instrument :

MSVOA_U

ClientSampleId :

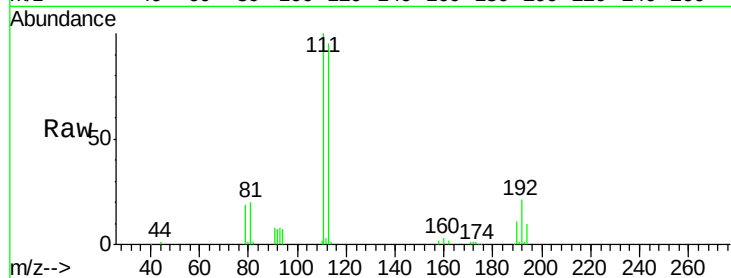
Tot Ion:113 Resp: 122204

Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.4

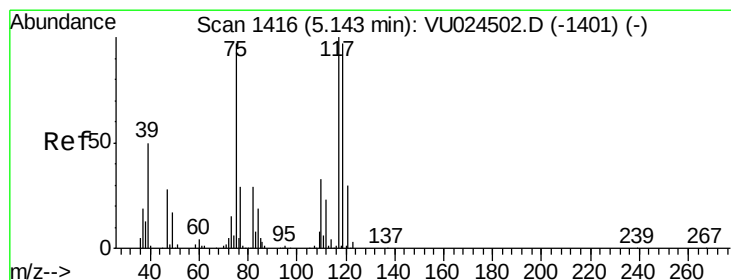
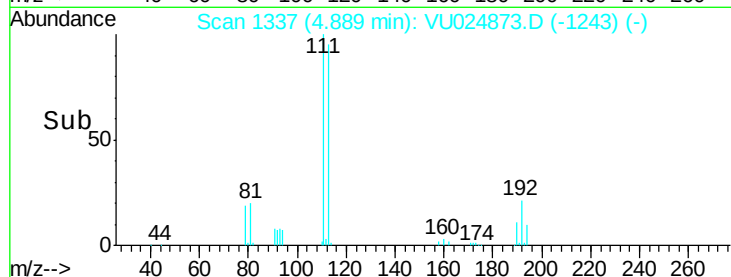
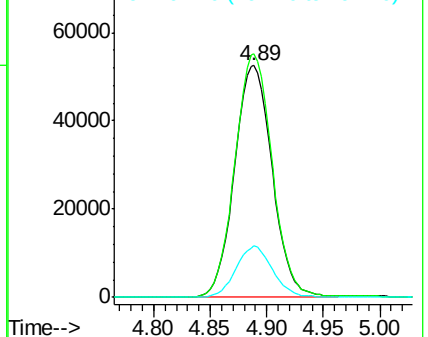
192 21.4 16.2 24.4



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: 4.32 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.15 min

Lab File: VU024873.D

Acq: 25 Jun 2018 14:31

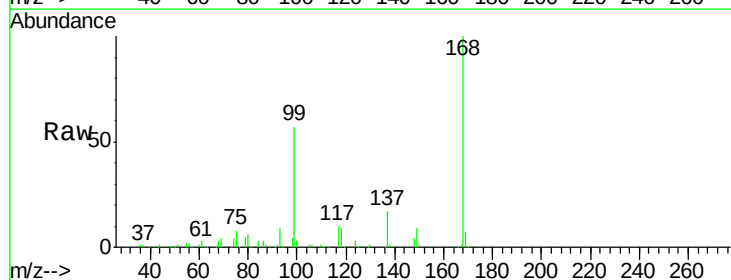
Tgt Ion: 75 Resp: 15982

Ion Ratio Lower Upper

75 100

110 7.5 17.0 50.9#

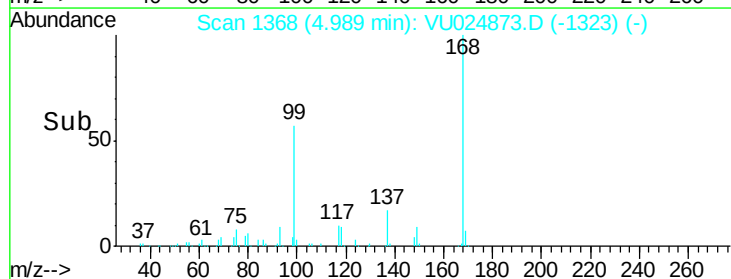
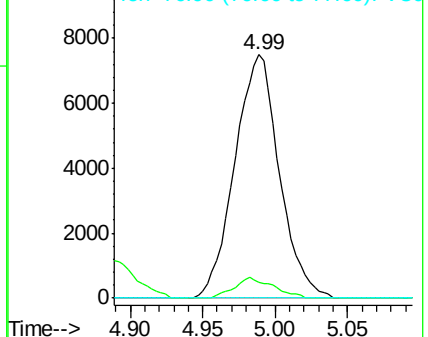
77 0.0 24.2 36.4#

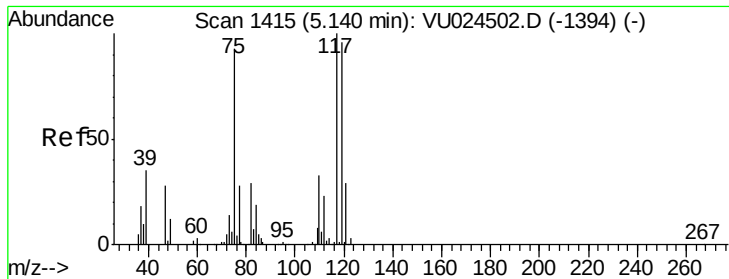


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0





#38

Carbon Tetrachloride

Concen: 4.86 ug/l

RT: 4.99 min Scan# 1369

Delta R.T. -0.15 min

Lab File: VU024873.D

Acq: 25 Jun 2018 14:31

Instrument :

MSVOA_U

ClientSampled :

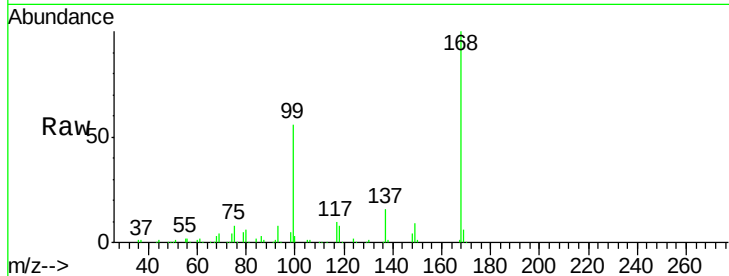
Tot Ion:117 Resp: 19784

Ion Ratio Lower Upper

117 100

119 3.9 76.1 114.1#

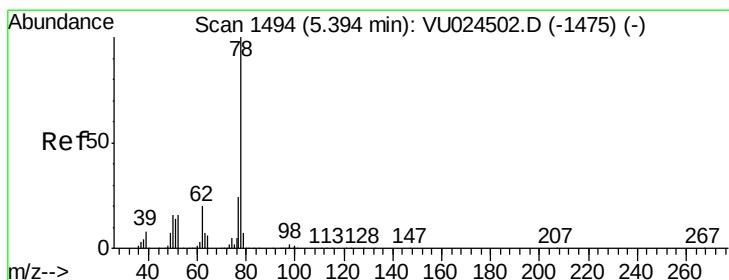
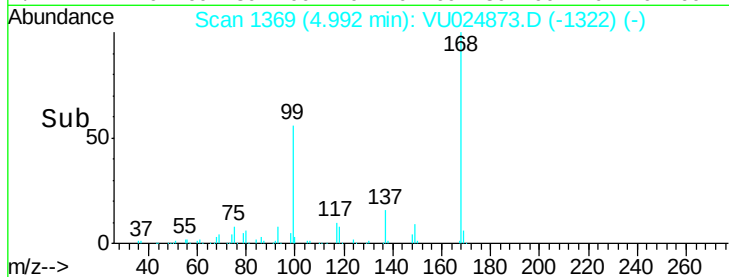
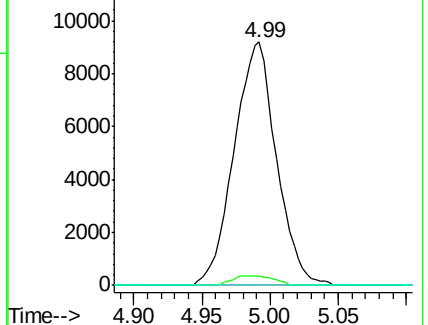
121 0.0 23.7 35.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#40

Benzene

Concen: 3.47 ug/l

RT: 5.40 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VU024873.D

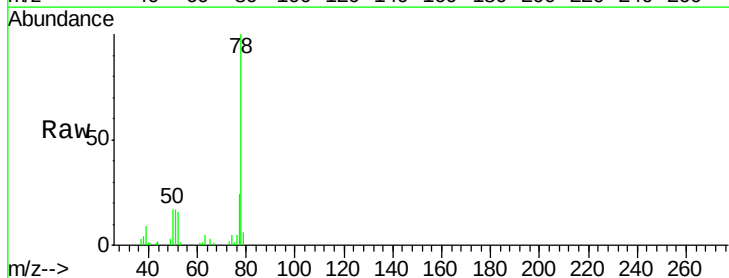
Acq: 25 Jun 2018 14:31

Tgt Ion: 78 Resp: 36533

Ion Ratio Lower Upper

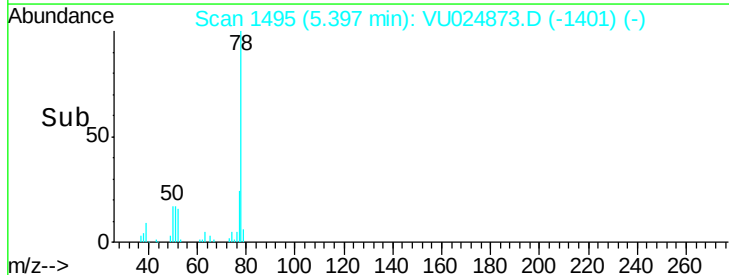
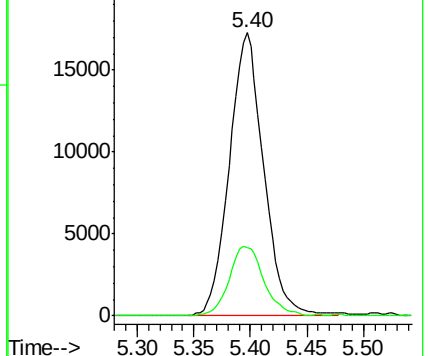
78 100

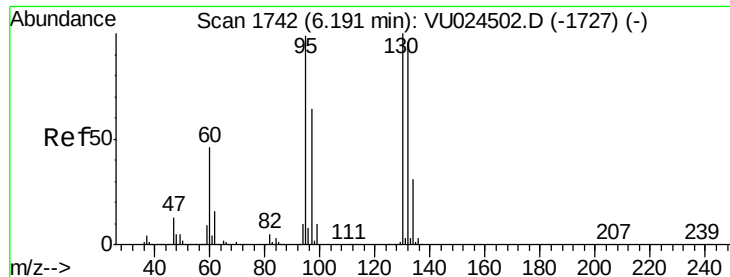
77 24.2 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#44

Trichloroethene

Concen: 0.22 ug/l

RT: 6.19 min Scan# 1743

Delta R.T. 0.00 min

Lab File: VU024873.D

Acq: 25 Jun 2018 14:31

Instrument :

MSVOA_U

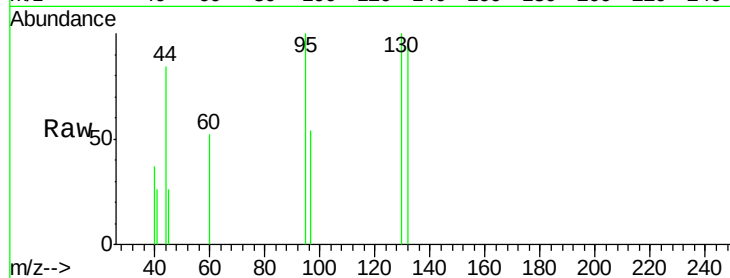
ClientSampleId :

Tot Ion:130 Resp: 668

Ion Ratio Lower Upper

130 100

95 100.0 0.0 202.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0

6.19

400

300

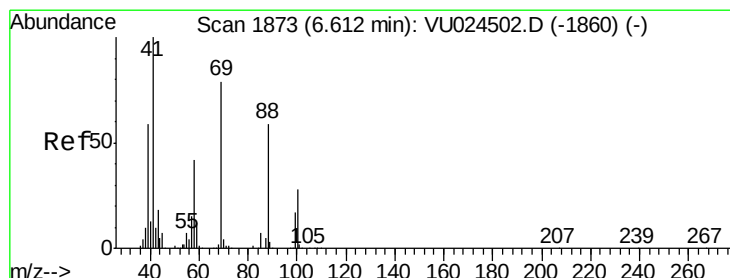
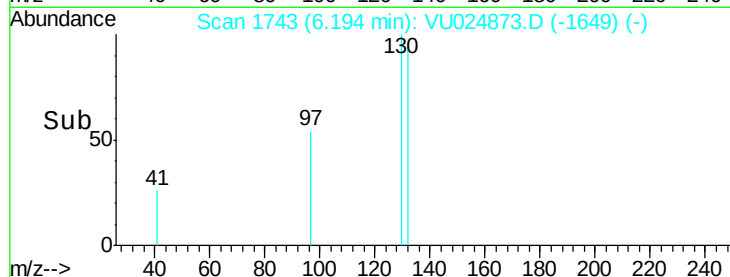
200

100

0

Time-->

6.16 6.18 6.20 6.22



#49

1,4-Dioxane

Concen: 2.15 ug/l

RT: 6.63 min Scan# 1878

Delta R.T. 0.02 min

Lab File: VU024873.D

Acq: 25 Jun 2018 14:31

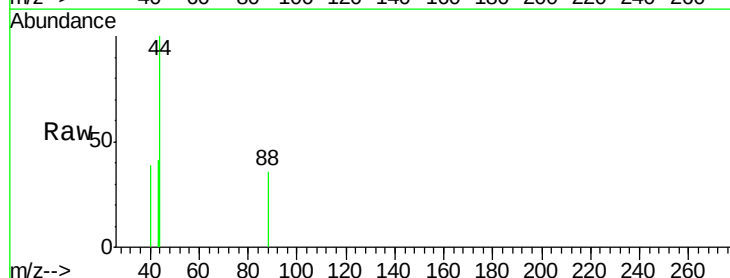
Tgt Ion: 88 Resp: 143

Ion Ratio Lower Upper

88 100

43 183.2 28.6 42.8#

58 0.0 58.2 87.4#



Abundance Ion 88.00 (87.70 to 88.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

200

150

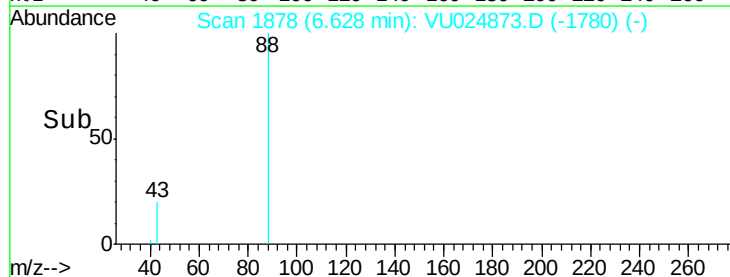
100

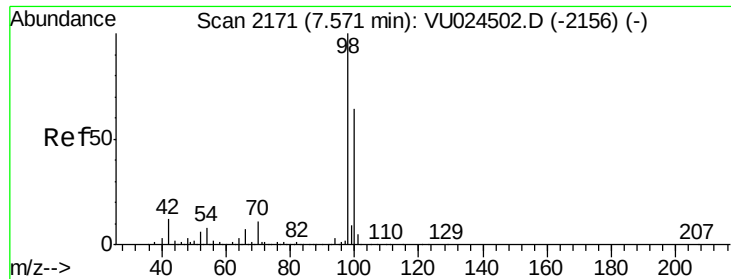
50

0

Time-->

6.61 6.62 6.63 6.64

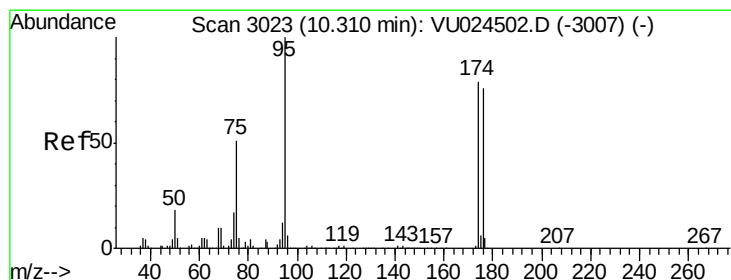
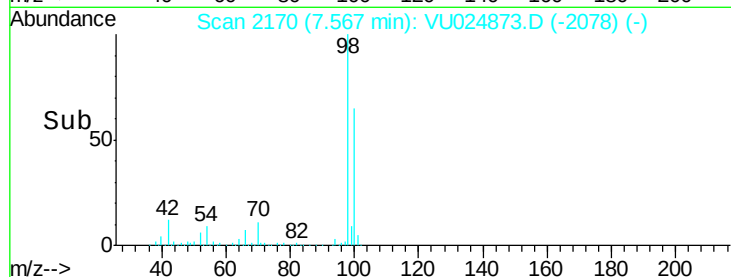
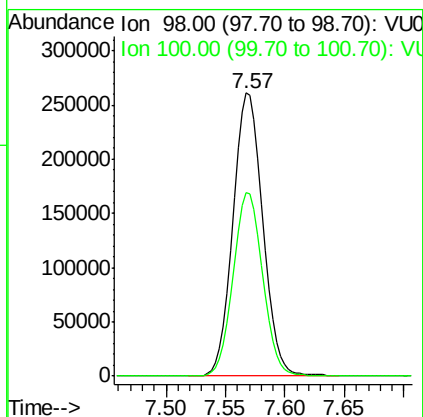
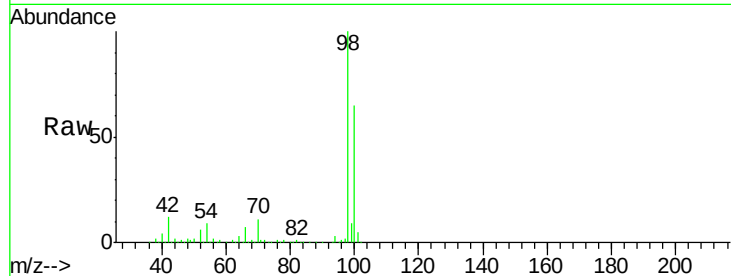




#50
Toluene-d8
Concen: 47.71 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU024873.D
Acq: 25 Jun 2018 14:31

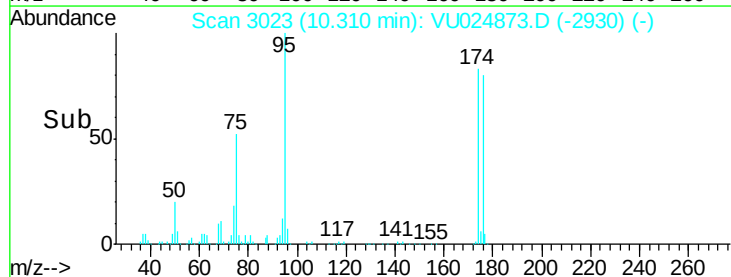
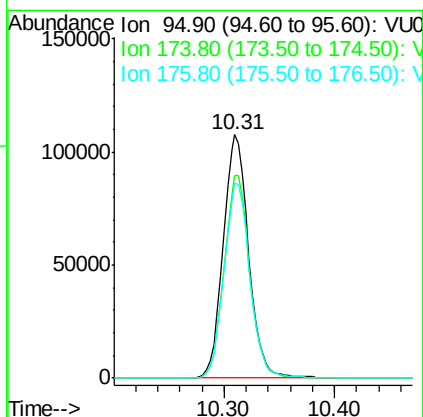
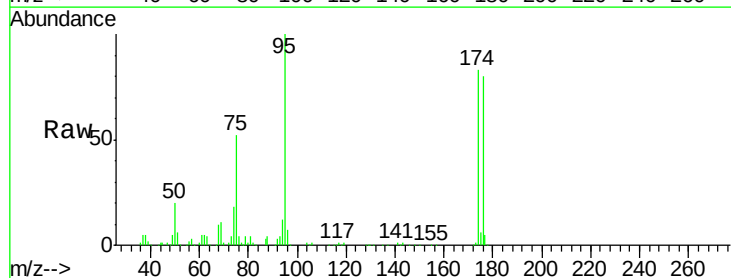
Instrument :
MSVOA_U
ClientSampleId :

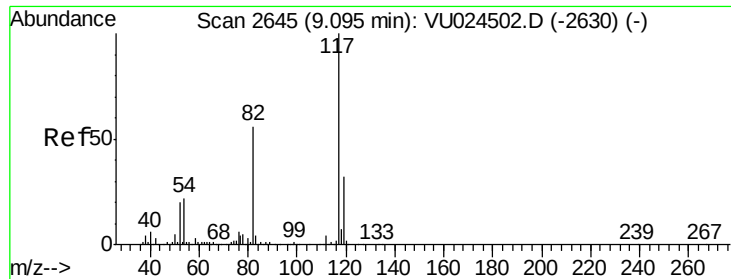
Tot Ion: 98 Resp: 454657
Ion Ratio Lower Upper
98 100
100 64.4 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 45.33 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU024873.D
Acq: 25 Jun 2018 14:31

Tgt Ion: 95 Resp: 171511
Ion Ratio Lower Upper
95 100
174 84.2 0.0 165.8
176 81.8 0.0 159.4

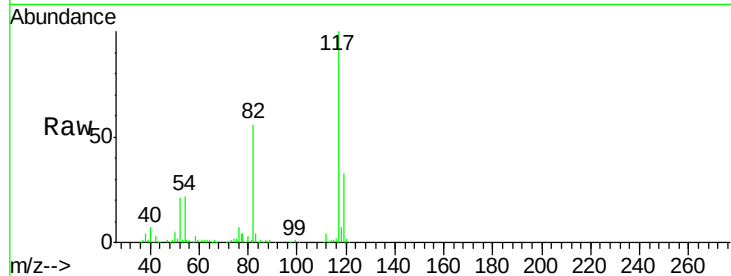




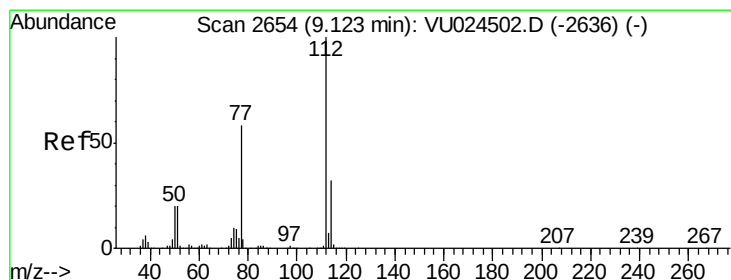
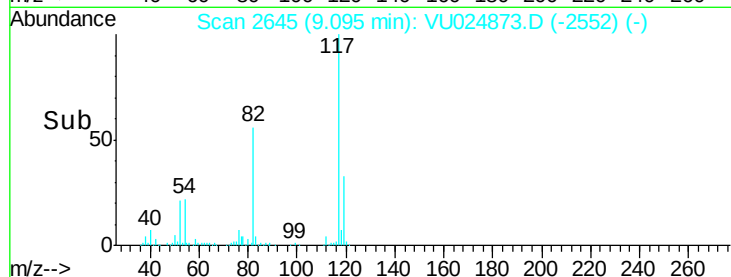
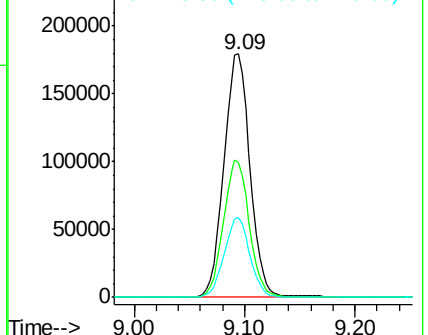
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU024873.D
Acq: 25 Jun 2018 14:31

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.5	44.3	66.5
119	32.9	25.4	38.2

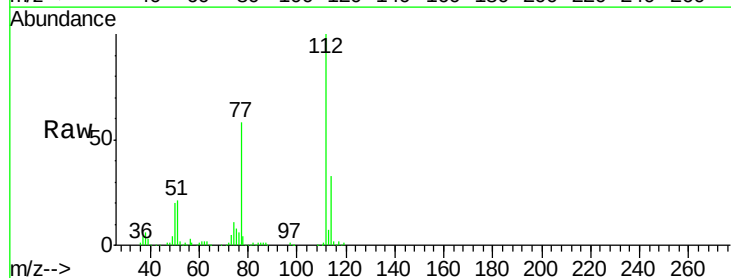


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

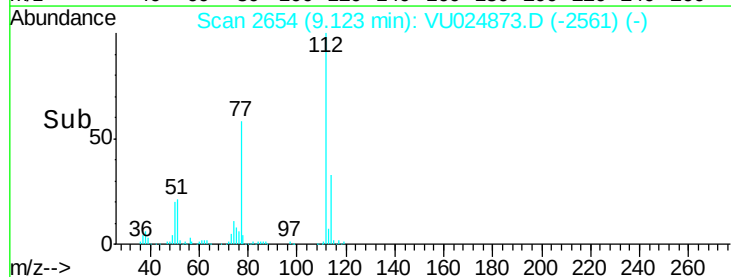
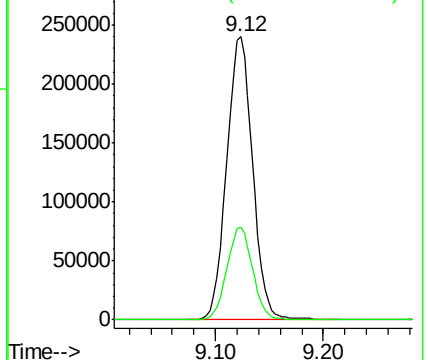


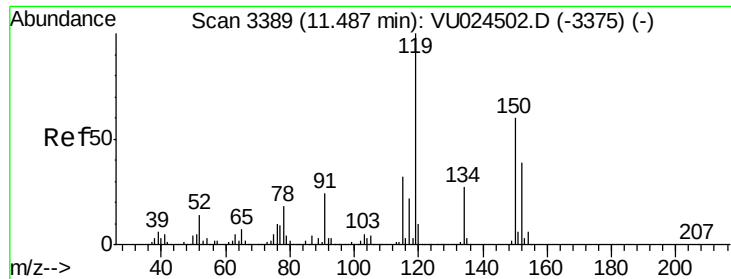
#65
Chlorobenzene
Concen: 53.61 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU024873.D
Acq: 25 Jun 2018 14:31

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.5	25.6	38.4



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU024873.D

Acq: 25 Jun 2018 14:31

Instrument :

MSVOA_U

ClientSampleId :

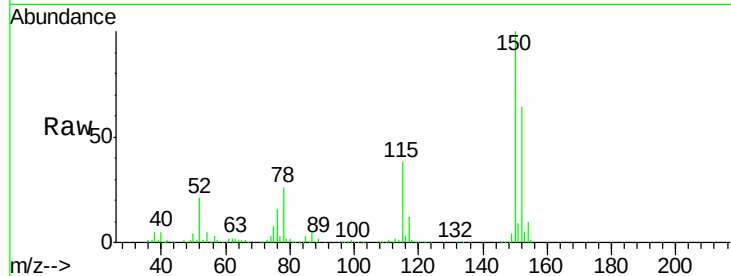
Tot Ion:152 Resp: 159902

Ion Ratio Lower Upper

152 100

115 58.3 43.0 129.0

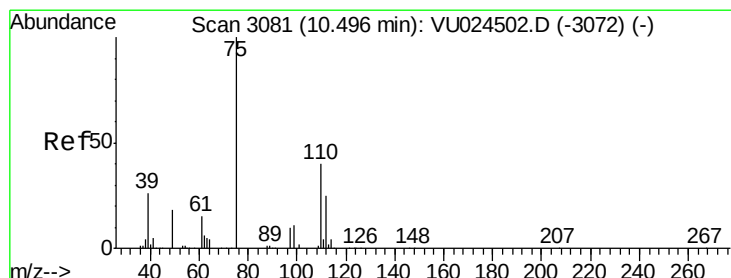
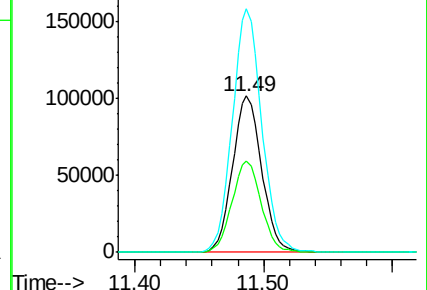
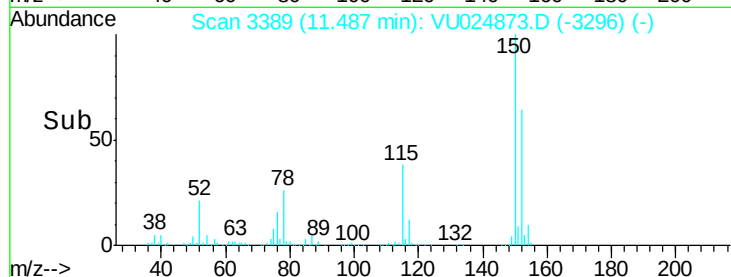
150 156.3 0.0 354.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 25.26 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU024873.D

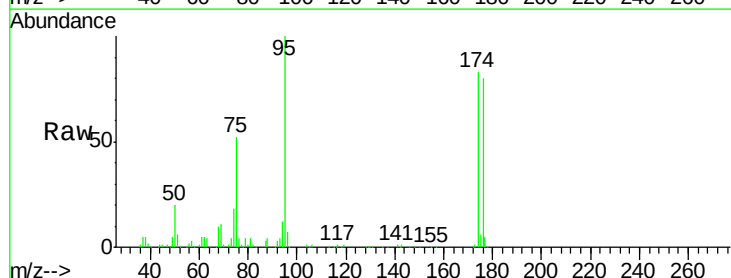
Acq: 25 Jun 2018 14:31

Tgt Ion: 75 Resp: 88932

Ion Ratio Lower Upper

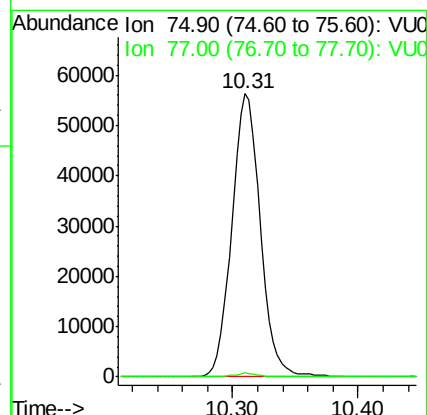
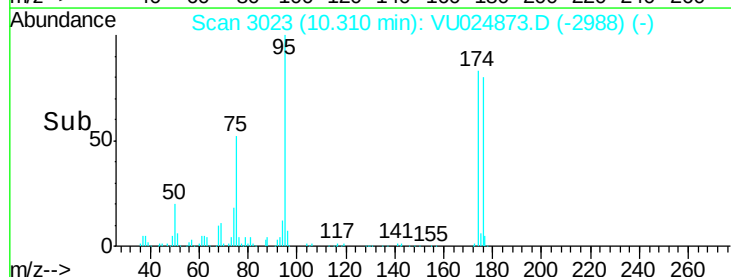
75 100

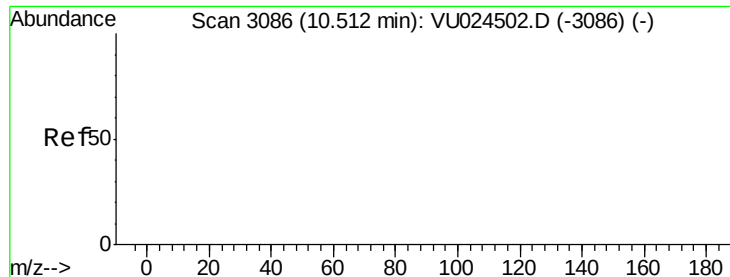
77 1.1 20.9 62.7#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#81

trans-1,4-Dichloro-2-butene

Concen: 58.47 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.20 min

Lab File: VU024873.D

Acq: 25 Jun 2018 14:31

Instrument :

MSVOA_U

ClientSampleId :

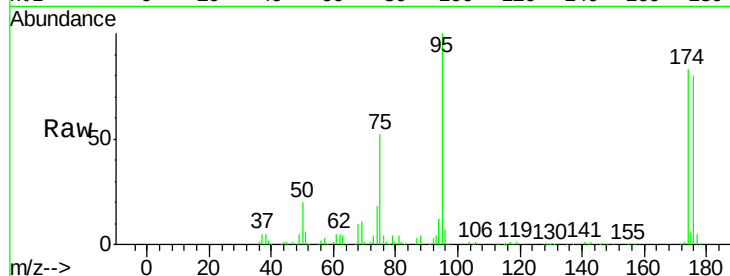
Tot Ion: 75 Resp: 88932

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

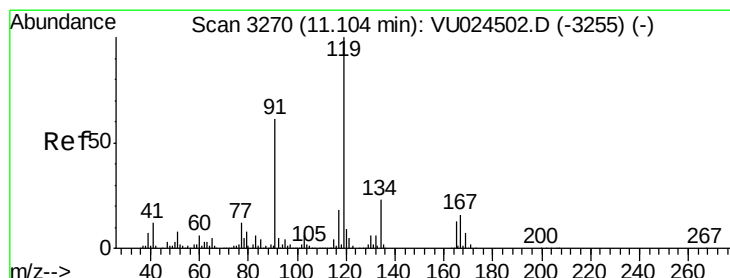
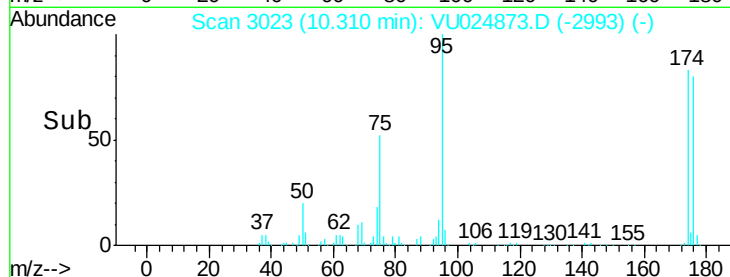
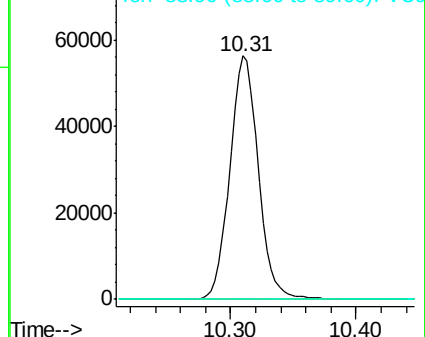
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU024873.D (-2993) (-)

Ion 53.00 (52.70 to 53.70): VU024873.D (-2993) (-)

Ion 88.90 (88.60 to 89.60): VU024873.D (-2993) (-)



#83

tert-Butylbenzene

Concen: 0.48 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. 0.00 min

Lab File: VU024873.D

Acq: 25 Jun 2018 14:31

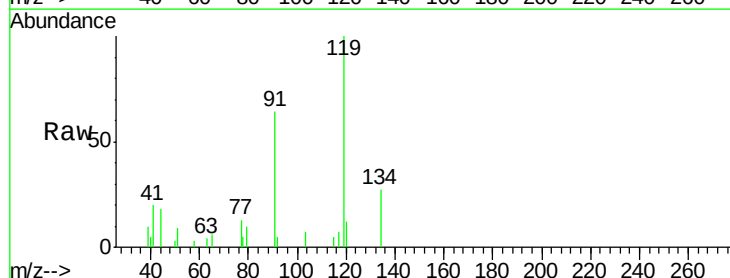
Tgt Ion: 119 Resp: 4866

Ion Ratio Lower Upper

119 100

91 67.3 29.7 89.1

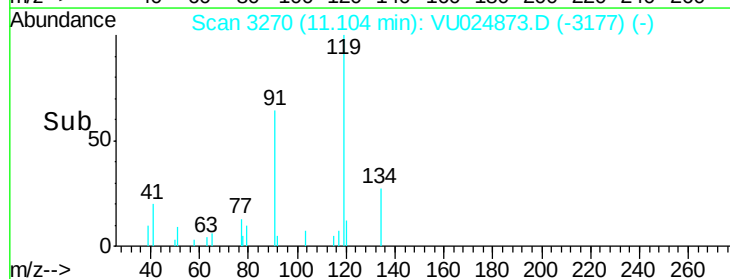
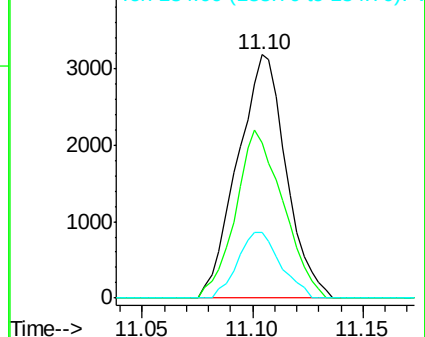
134 23.9 11.6 34.7

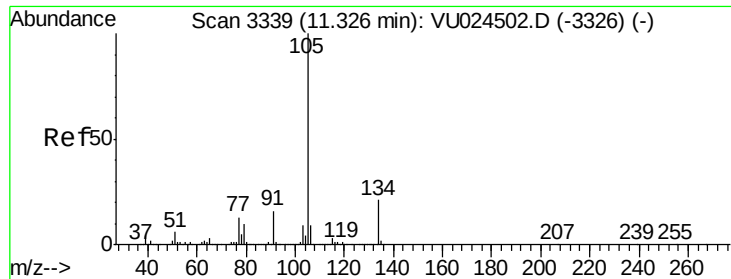


Abundance Ion 119.00 (118.70 to 119.70): VU024873.D (-3177) (-)

Ion 91.00 (90.70 to 91.70): VU024873.D (-3177) (-)

Ion 134.00 (133.70 to 134.70): VU024873.D (-3177) (-)





#85

sec-Butylbenzene

Concen: 0.26 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU024873.D

Acq: 25 Jun 2018 14:31

Instrument :

MSVOA_U

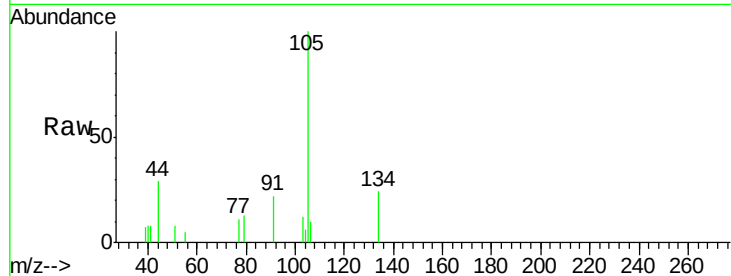
ClientSampleId :

Tot Ion:105 Resp: 3327

Ion Ratio Lower Upper

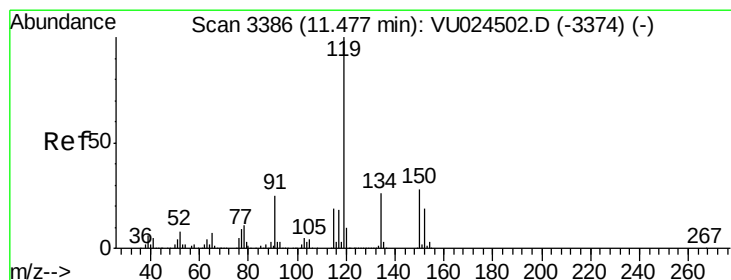
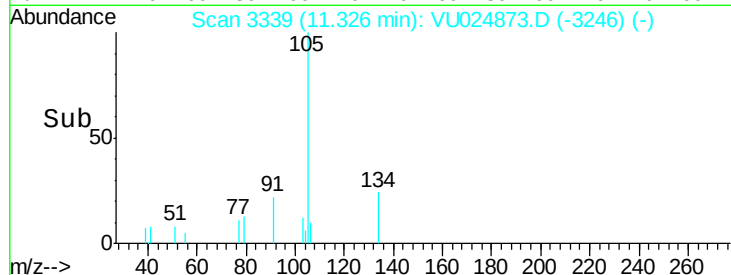
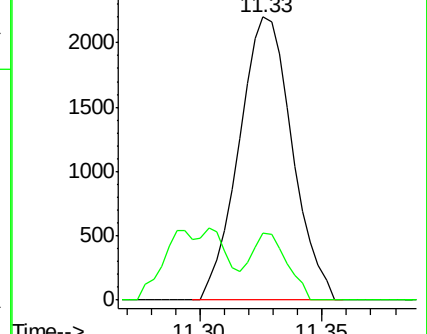
105 100

134 16.0 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.44 ug/l

RT: 11.69 min Scan# 3453

Delta R.T. 0.22 min

Lab File: VU024873.D

Acq: 25 Jun 2018 14:31

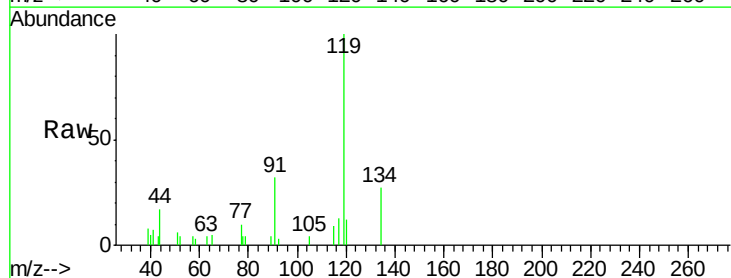
Tgt Ion:119 Resp: 5070

Ion Ratio Lower Upper

119 100

134 25.6 12.9 38.6

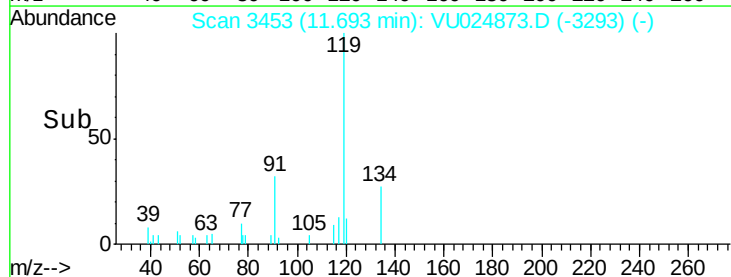
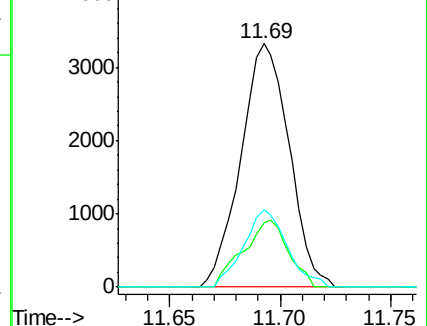
91 28.4 12.0 36.1

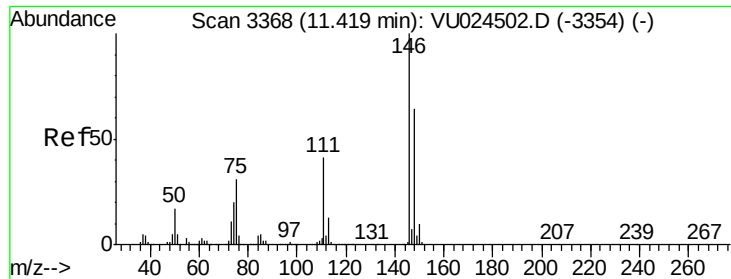


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

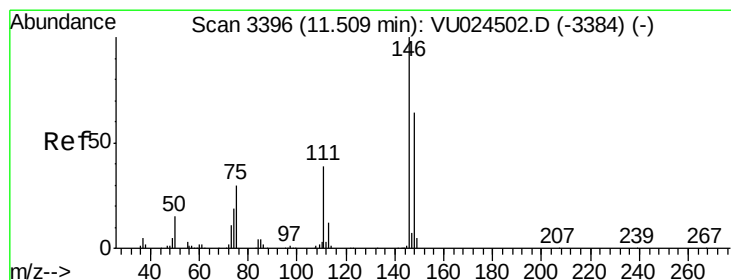
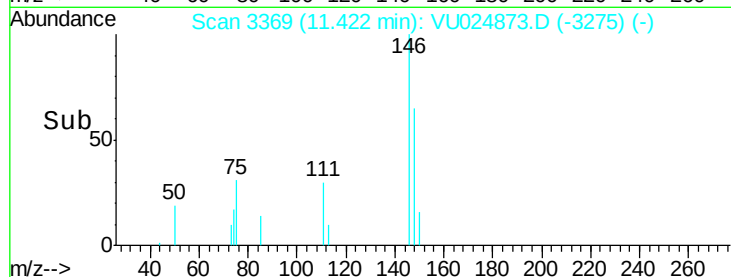
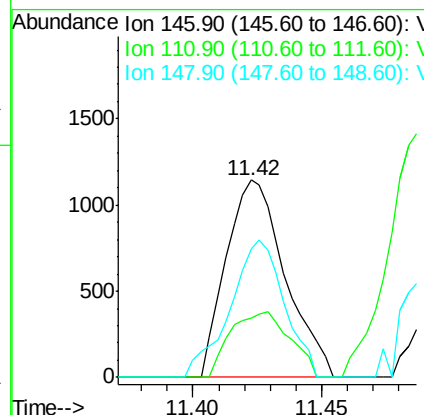
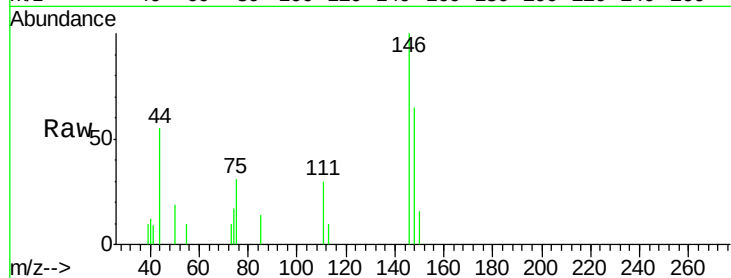




#87
 1,3-Dichlorobenzene
 Concen: 0.32 ug/l
 RT: 11.42 min Scan# 3369
 Delta R.T. 0.00 min
 Lab File: VU024873.D
 Acq: 25 Jun 2018 14:31

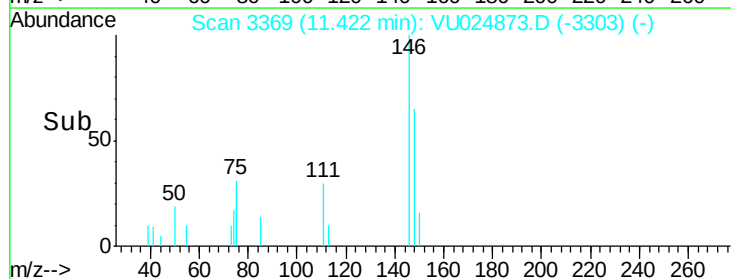
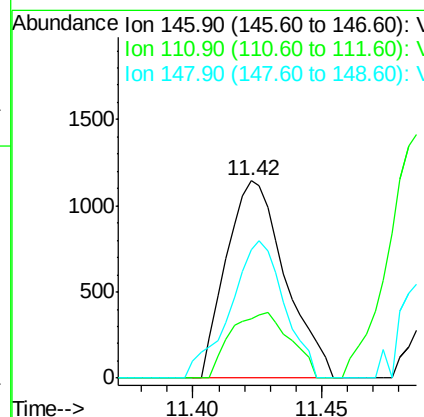
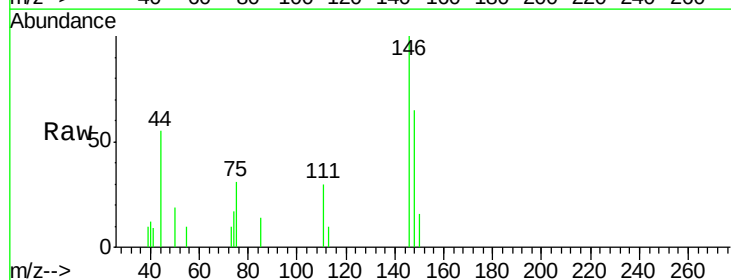
Instrument :
 MSVOA_U
 ClientSampleId :

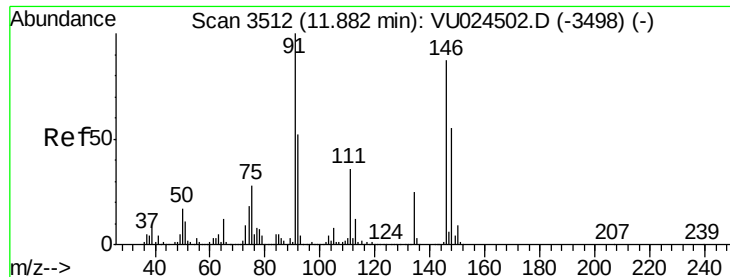
Tot Ion	Ratio	Lower	Upper
146	100		
111	33.6	20.0	60.0
148	64.1	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 0.32 ug/l
 RT: 11.42 min Scan# 3369
 Delta R.T. -0.09 min
 Lab File: VU024873.D
 Acq: 25 Jun 2018 14:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	33.6	19.5	58.5
148	64.1	32.4	97.0

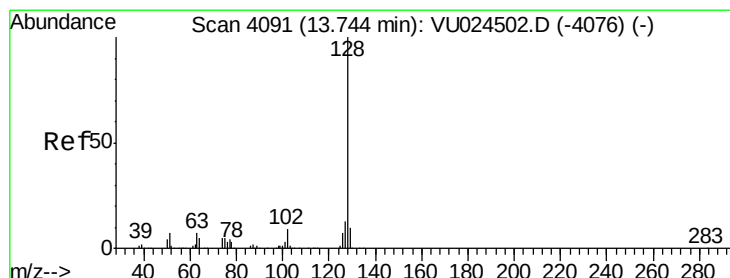
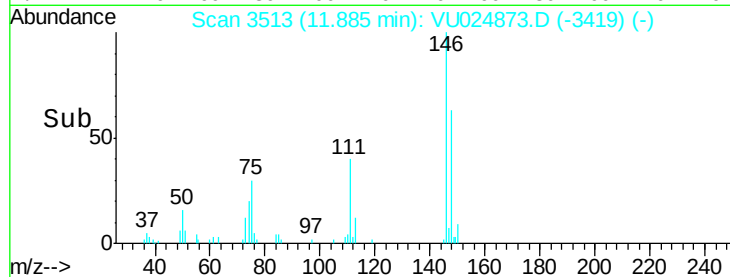
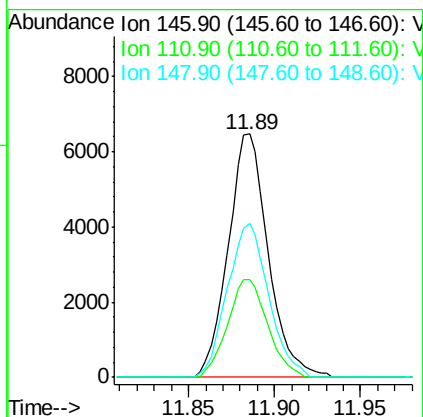
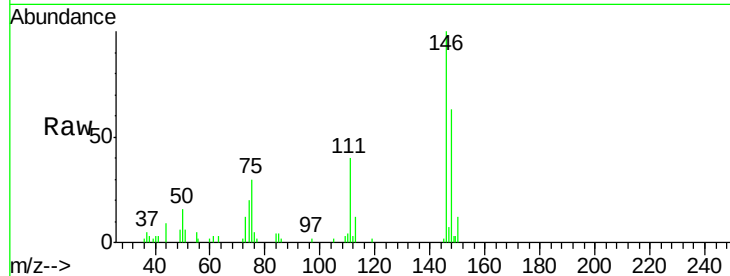




#91
 1,2-Dichlorobenzene
 Concen: 1.82 ug/l
 RT: 11.89 min Scan# 3513
 Delta R.T. 0.00 min
 Lab File: VU024873.D
 Acq: 25 Jun 2018 14:31

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:146 Resp: 10471
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.5 61.6
 148 65.1 31.9 95.7



#95
 Naphthalene
 Concen: 0.71 ug/l
 RT: 13.76 min Scan# 4095
 Delta R.T. 0.01 min
 Lab File: VU024873.D
 Acq: 25 Jun 2018 14:31

Tgt Ion:128 Resp: 371
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.6 16.0#
 129 0.0 8.6 12.8#

