

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061818\
 Data File : VU024693.D
 Acq On : 18 Jun 2018 15:48
 Operator : MD/SY
 Sample : J3463-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T11-MW-1-8.0-061218

Quant Time: Jun 19 05:12:17 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	191072	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	308146	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	288616	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	149399	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	137157	43.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.94%	
35) Dibromofluoromethane	4.89	113	123425	48.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.52%	
50) Toluene-d8	7.57	98	448701	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	
62) 4-Bromofluorobenzene	10.31	95	158628	42.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.66%	

Target Compounds						Qvalue
3) Chloromethane	1.33	50	540	0.221	ug/l #	78
5) Bromomethane	1.63	94	803	0.659	ug/l	98
6) Chloroethane	1.46	64	50595	35.630	ug/l #	55
8) Diethyl Ether	2.11	74	78	Below Cal	#	1
10) Methyl Iodide	2.42	142	83	5.325	ug/l #	40
11) Tert butyl alcohol	2.83	59	17563	23.151	ug/l #	94
13) Acrolein	2.19	56	87	0.218	ug/l #	1
16) Acetone	2.32	43	36231	21.618	ug/l	90
18) Methyl Acetate	2.71	43	2824	0.786	ug/l #	53
19) Methyl tert-butyl Ether	3.00	73	50268	6.147	ug/l #	69
31) Cyclohexane	5.00	56	23514	3.929	ug/l #	79
36) 1,1-Dichloropropene	4.99	75	12848	3.548	ug/l #	51
38) Carbon Tetrachloride	4.99	117	17794	4.469	ug/l #	16
39) Methylcyclohexane	6.42	83	19070	4.220	ug/l	98
43) Isopropyl Acetate	5.49	43	3458	0.507	ug/l #	62
48) Methyl methacrylate	6.64	41	1516	0.456	ug/l #	52
55) 1,1,2-Trichloroethane	8.05	97	3040	1.127	ug/l #	19
58) 2-Chloroethyl Vinyl ether	7.08	63	487	0.281	ug/l #	50
65) Chlorobenzene	9.13	112	2219	0.301	ug/l	99
68) m/p-Xylenes	9.38	106	4326	0.872	ug/l	97
69) o-Xylene	9.79	106	1834	0.373	ug/l	94
73) Isopropylbenzene	10.17	105	10532	0.918	ug/l	98
76) 1,2,3-Trichloropropane	10.31	75	80910	24.599	ug/l #	36
78) n-propylbenzene	10.59	91	6647	0.492	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.31	75	80910	56.931	ug/l #	100
83) tert-Butylbenzene	11.10	119	6893	0.721	ug/l	83
85) sec-Butylbenzene	11.33	105	10498	0.877	ug/l #	57
86) p-Isopropyltoluene	11.69	119	26805	2.500	ug/l	94
89) n-Butylbenzene	11.87	91	6795	0.714	ug/l #	1
90) Hexachloroethane	12.26	117	44068	21.071	ug/l #	8
92) 1,2-Dibromo-3-Chloropropan	12.65	75	2688	2.534	ug/l #	3
95) Naphthalene	13.75	128	6658	1.277	ug/l #	57

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Response via : Initial Calibration

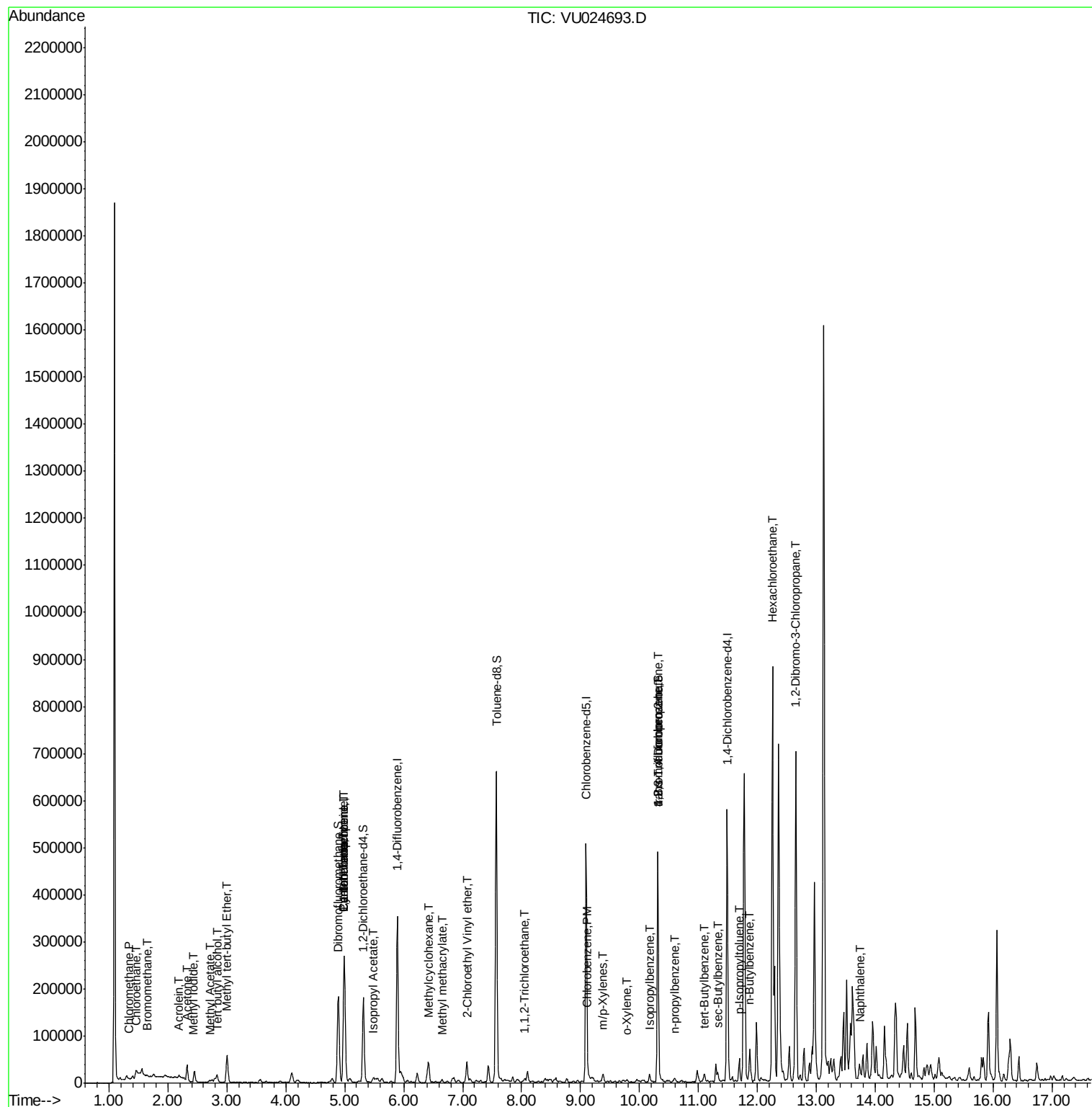
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

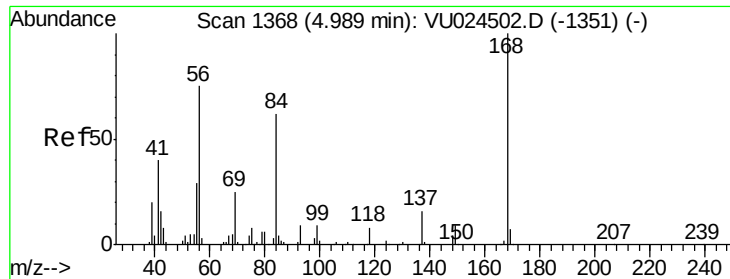
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU024693.D

Acq: 18 Jun 2018 15:48

Instrument :

MSVOA_U

ClientSampleId :

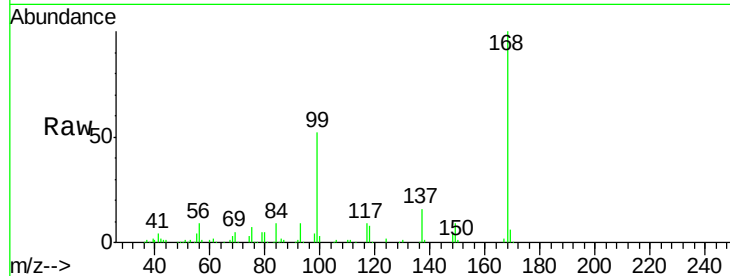
T11-MW-1-8.0-061218

Tgt Ion:168 Resp: 191072

Ion Ratio Lower Upper

168 100

99 52.1 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

Ion 98.90 (98.60 to 99.60): VU024502.D (-1351) (-)

4.99

80000

60000

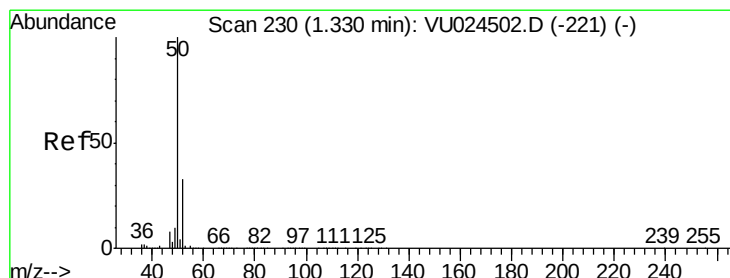
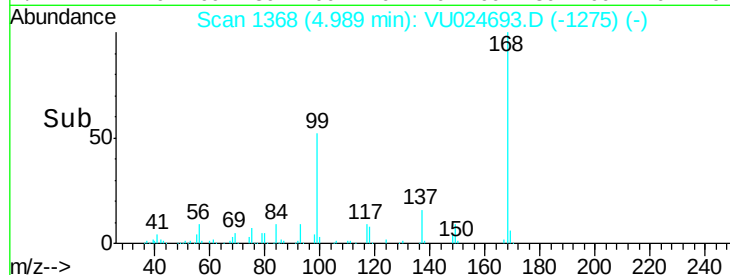
40000

20000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#3

Chloromethane

Concen: 0.221 ug/l

RT: 1.33 min Scan# 230

Delta R.T. -0.00 min

Lab File: VU024693.D

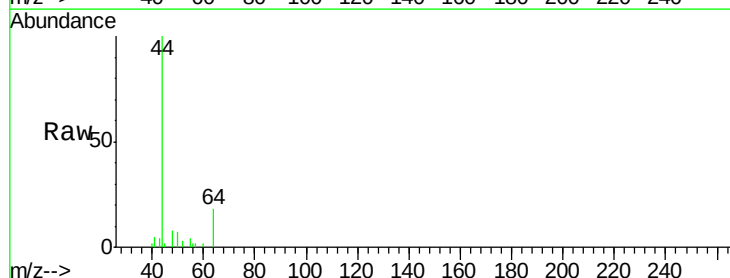
Acq: 18 Jun 2018 15:48

Tgt Ion: 50 Resp: 540

Ion Ratio Lower Upper

50 100

52 45.2 26.4 39.6#



Abundance Ion 49.90 (49.60 to 50.60): VU024502.D (-221) (-)

Ion 51.90 (51.60 to 52.60): VU024502.D (-221) (-)

1.33

500

400

300

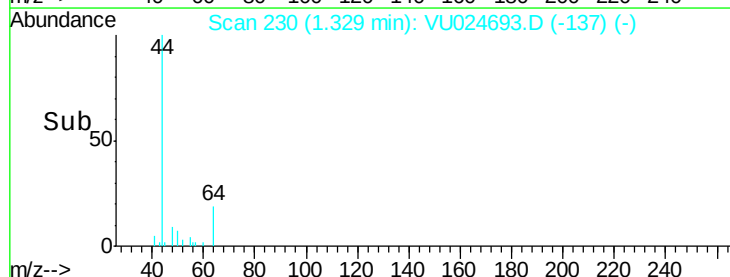
200

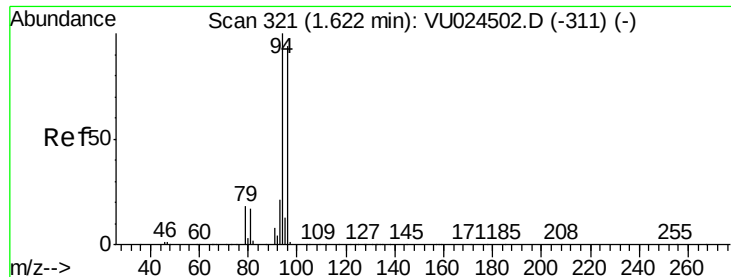
100

0

1.30 1.32 1.34 1.36

Time-->





#5

Bromomethane

Concen: 0.659 ug/l

RT: 1.63 min Scan# 325

Delta R.T. 0.01 min

Lab File: VU024693.D

Acq: 18 Jun 2018 15:48

Instrument :

MSVOA_U

ClientSampleId :

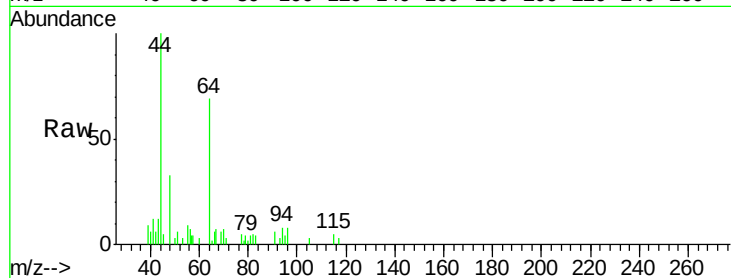
T11-MW-1-8.0-061218

Tgt Ion: 94 Resp: 803

Ion Ratio Lower Upper

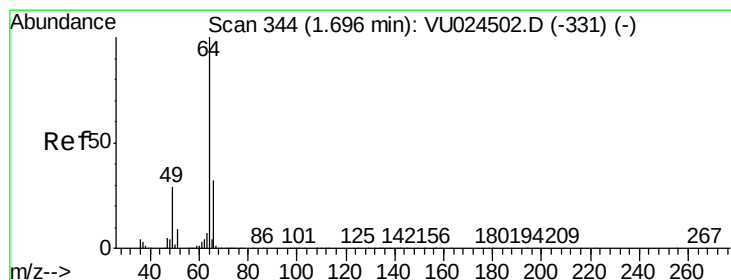
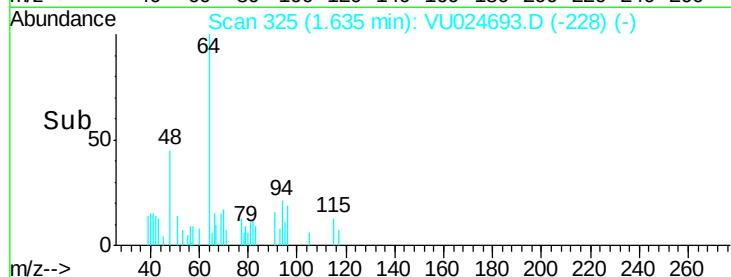
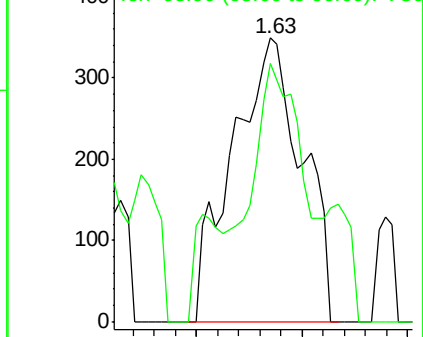
94 100

96 91.1 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 35.630 ug/l

RT: 1.46 min Scan# 271

Delta R.T. -0.23 min

Lab File: VU024693.D

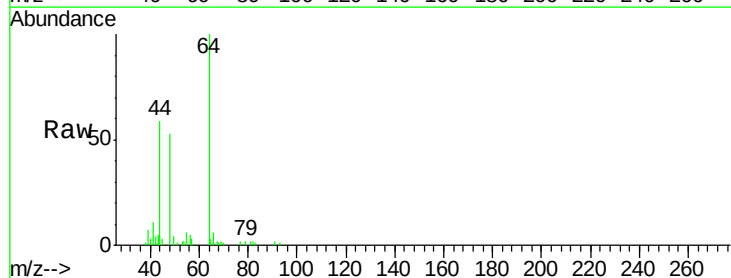
Acq: 18 Jun 2018 15:48

Tgt Ion: 64 Resp: 50595

Ion Ratio Lower Upper

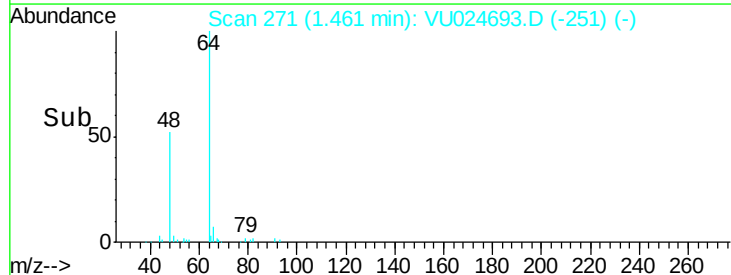
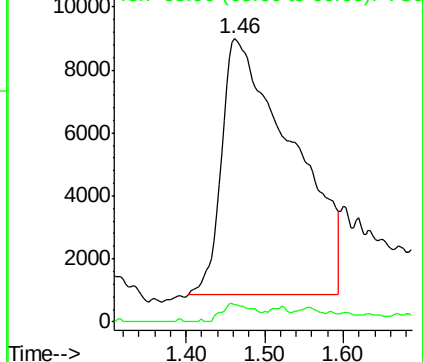
64 100

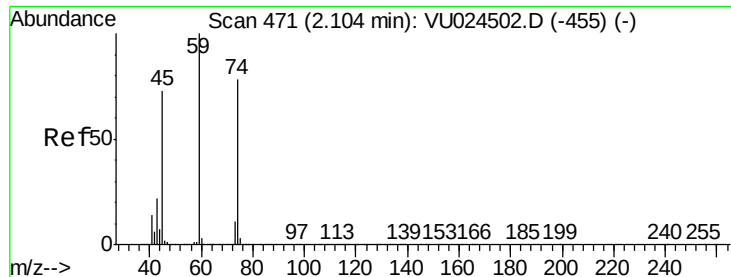
66 6.8 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0





#8

Diethyl Ether

Concen: Below Cal

RT: 2.11 min Scan# 473

Delta R.T. 0.01 min

Lab File: VU024693.D

Acq: 18 Jun 2018 15:48

Instrument :

MSVOA_U

ClientSampleId :

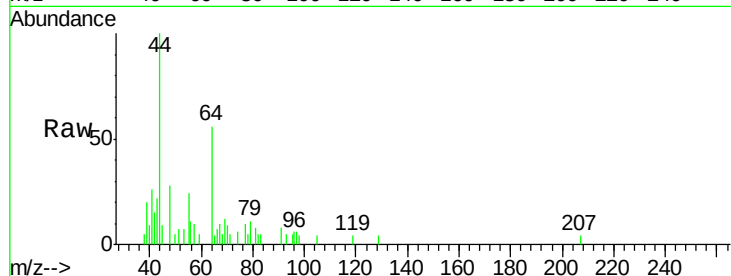
T11-MW-1-8.0-061218

Tgt Ion: 74 Resp: 78

Ion Ratio Lower Upper

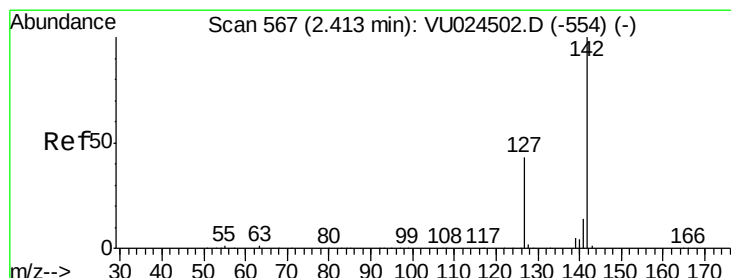
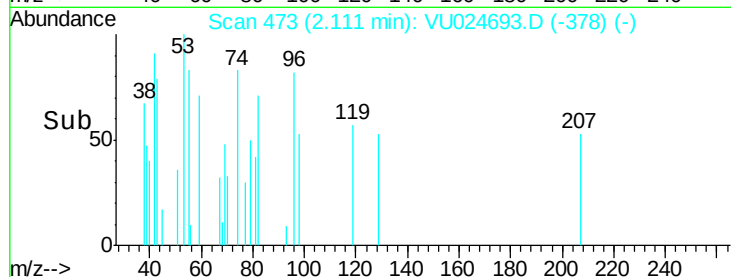
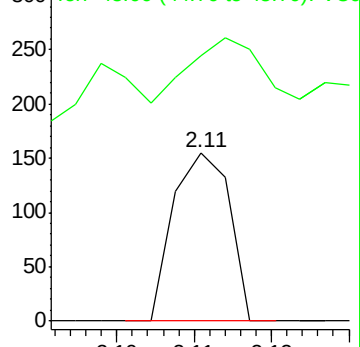
74 100

45 0.0 55.0 165.0#



Abundance Ion 74.00 (73.70 to 74.70): VU0

Ion 45.00 (44.70 to 45.70): VU0



#10

Methyl Iodide

Concen: 5.325 ug/l

RT: 2.42 min Scan# 569

Delta R.T. 0.01 min

Lab File: VU024693.D

Acq: 18 Jun 2018 15:48

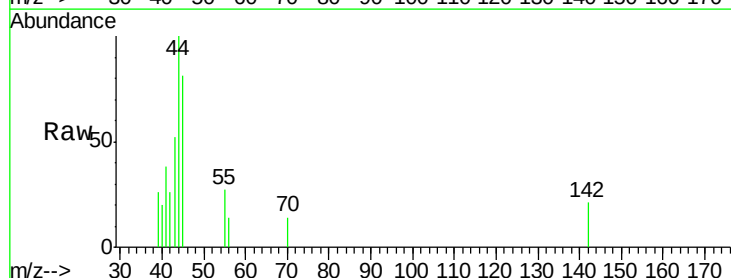
Tgt Ion: 142 Resp: 83

Ion Ratio Lower Upper

142 100

127 0.0 35.6 53.4#

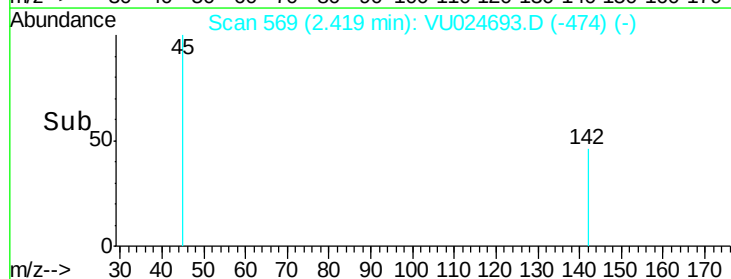
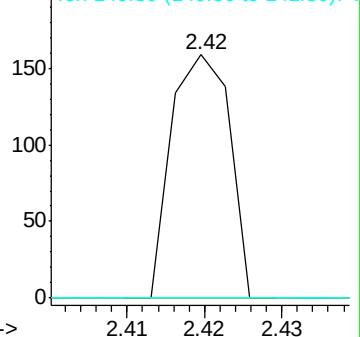
141 0.0 11.7 17.5#

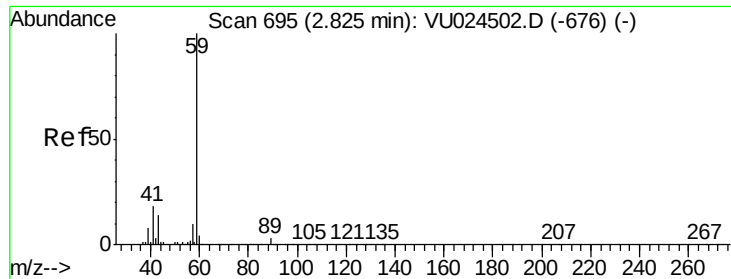


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

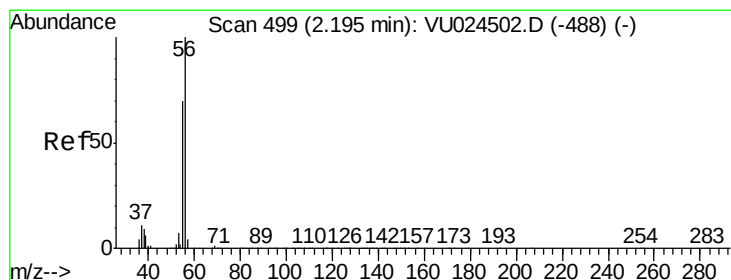
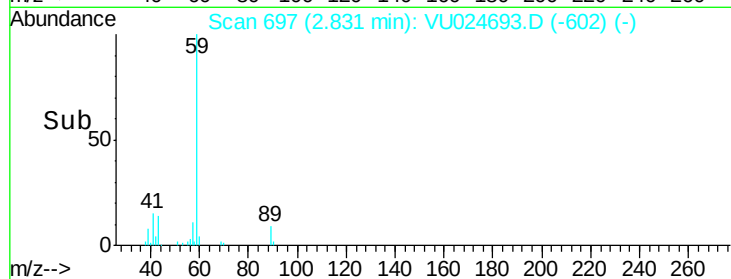
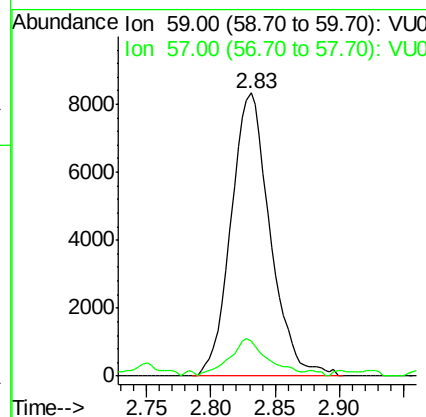
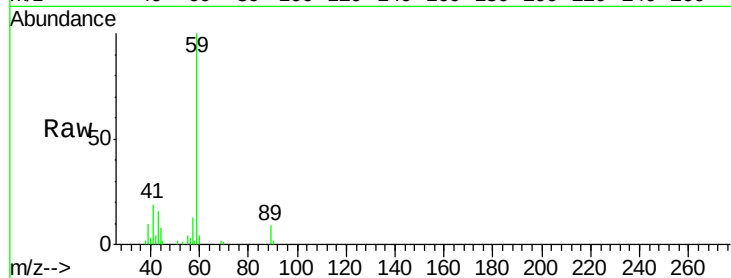




#11
Tert butyl alcohol
Concen: 23.151 ug/l
RT: 2.83 min Scan# 697
Delta R.T. 0.01 min
Lab File: VU024693.D
Acq: 18 Jun 2018 15:48

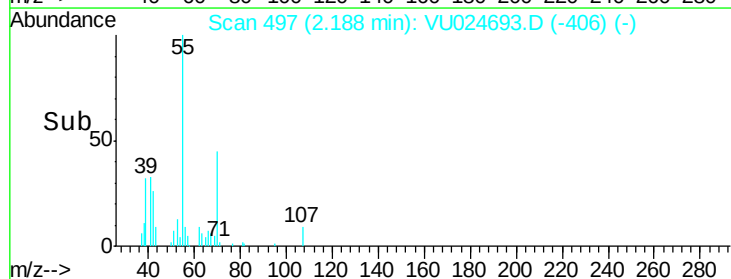
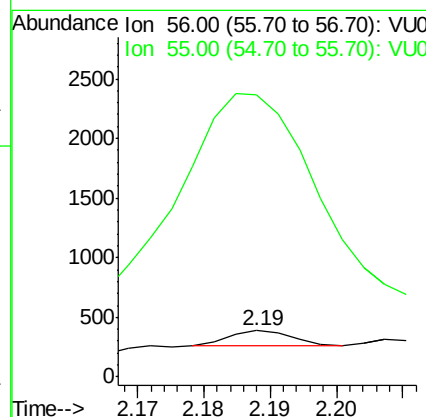
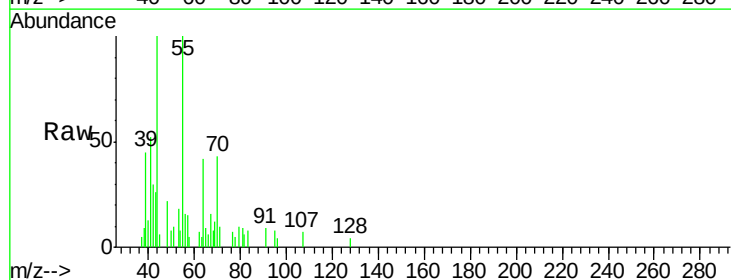
Instrument :
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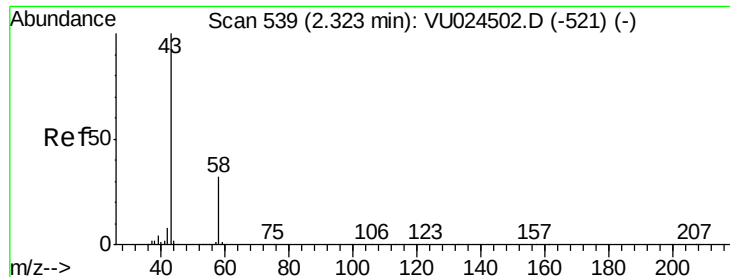
Tgt Ion: 59 Resp: 17563
Ion Ratio Lower Upper
59 100
57 13.0 8.5 12.7#



#13
Acrolein
Concen: 0.218 ug/l
RT: 2.19 min Scan# 497
Delta R.T. -0.01 min
Lab File: VU024693.D
Acq: 18 Jun 2018 15:48

Tgt Ion: 56 Resp: 87
Ion Ratio Lower Upper
56 100
55 3425.3 58.4 87.6#





#16

Acetone

Concen: 21.618 ug/l

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU024693.D

Acq: 18 Jun 2018 15:48

Instrument :

MSVOA_U

ClientSampleId :

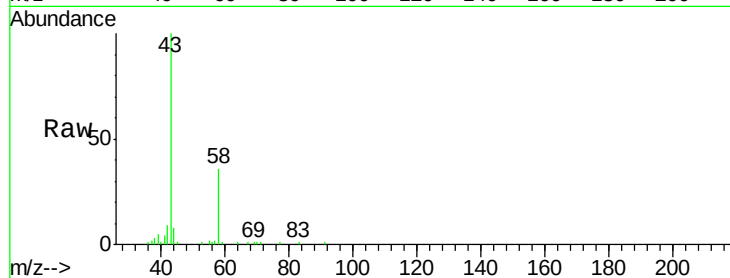
T11-MW-1-8.0-061218

Tgt Ion: 43 Resp: 36231

Ion Ratio Lower Upper

43 100

58 36.2 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

25000

20000

15000

10000

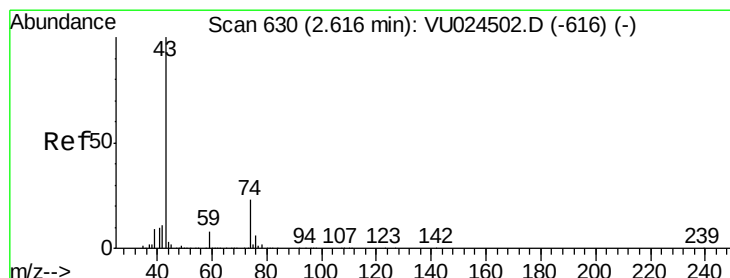
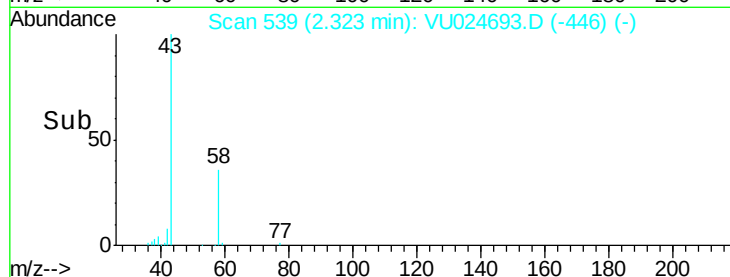
5000

0

Time-->

2.25 2.30 2.35 2.40

2.32



#18

Methyl Acetate

Concen: 0.786 ug/l

RT: 2.71 min Scan# 660

Delta R.T. 0.10 min

Lab File: VU024693.D

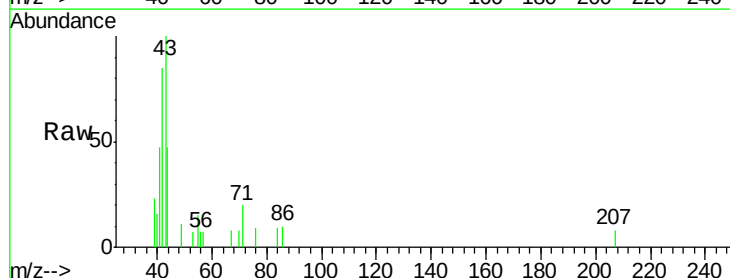
Acq: 18 Jun 2018 15:48

Tgt Ion: 43 Resp: 2824

Ion Ratio Lower Upper

43 100

74 0.0 18.0 27.0#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

2000

1500

1000

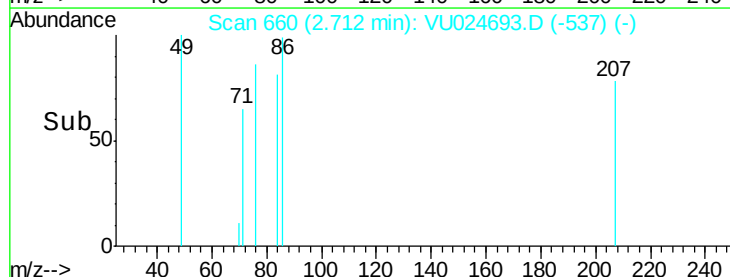
500

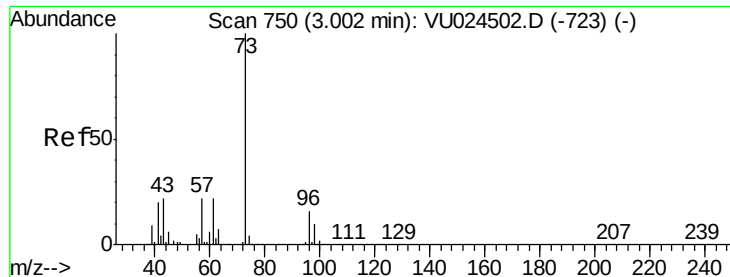
0

Time-->

2.65 2.70 2.75

2.71

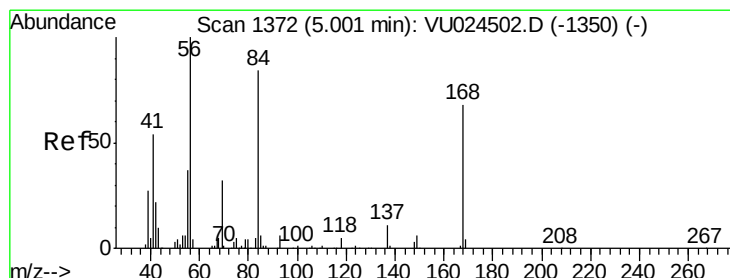
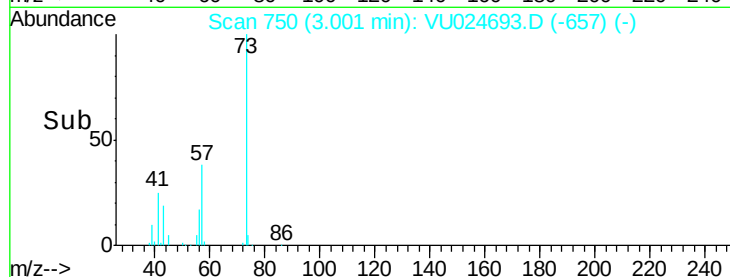
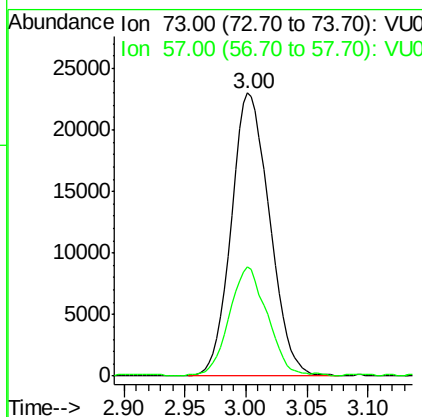
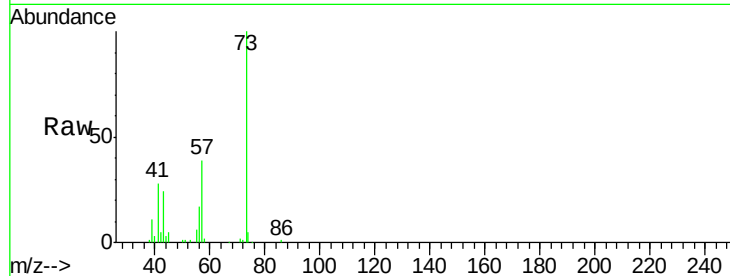




#19
Methyl tert-butyl Ether
Concen: 6.147 ug/l
RT: 3.00 min Scan# 750
Delta R.T. -0.00 min
Lab File: VU024693.D
Acq: 18 Jun 2018 15:48

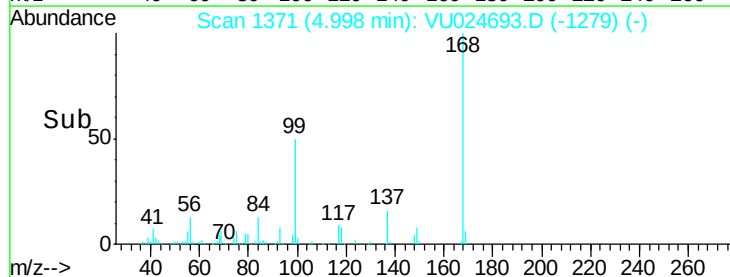
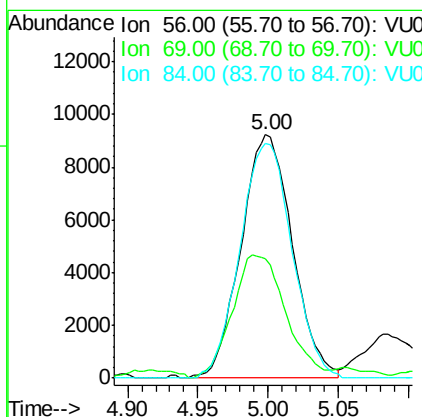
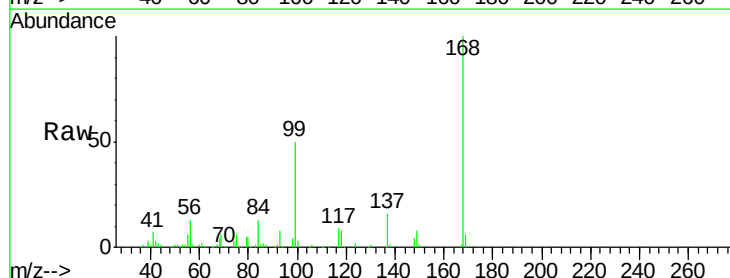
Instrument :
MSVOA_U
ClientSampleId :
T11-MW-1-8.0-061218

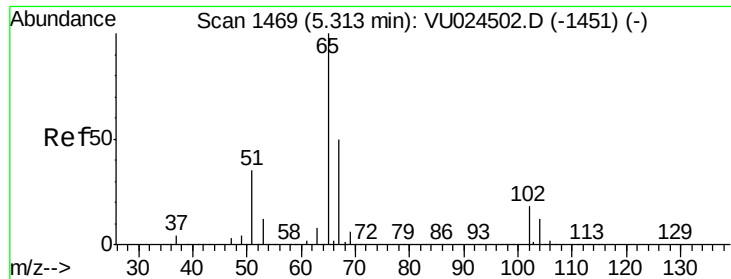
Tgt Ion: 73 Resp: 50268
Ion Ratio Lower Upper
73 100
57 38.6 18.8 28.2#



#31
Cyclohexane
Concen: 3.929 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU024693.D
Acq: 18 Jun 2018 15:48

Tgt Ion: 56 Resp: 23514
Ion Ratio Lower Upper
56 100
69 49.1 24.8 37.2#
84 96.2 65.2 97.8

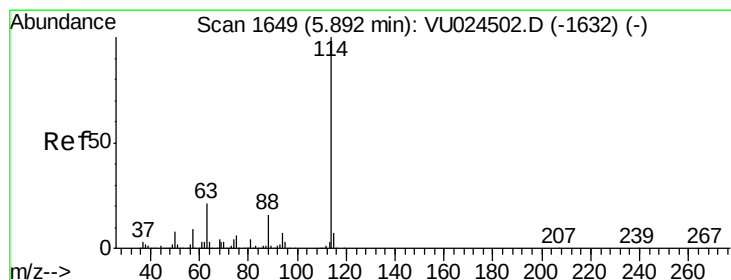
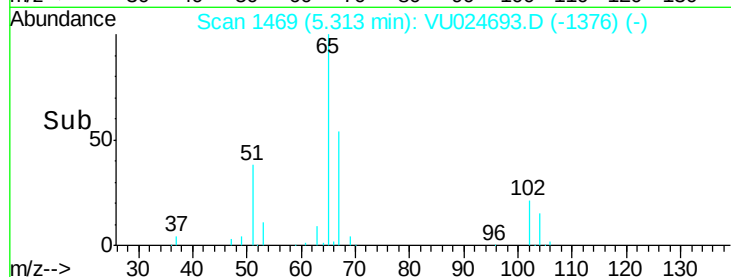
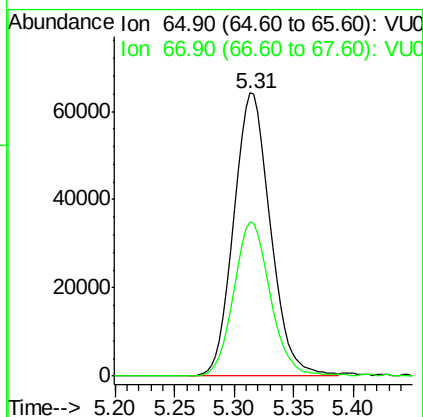
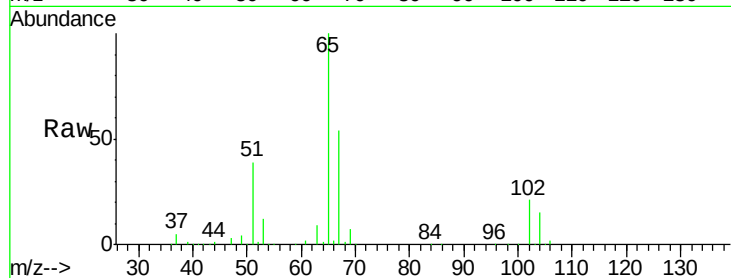




#33
 1,2-Dichloroethane-d4
 Concen: 43.971 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU024693.D
 Acq: 18 Jun 2018 15:48

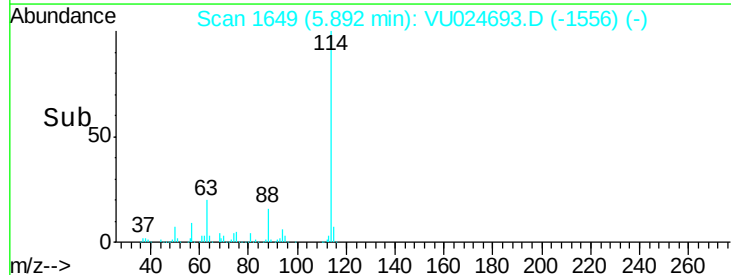
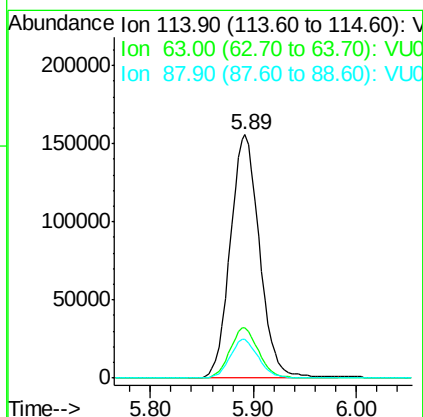
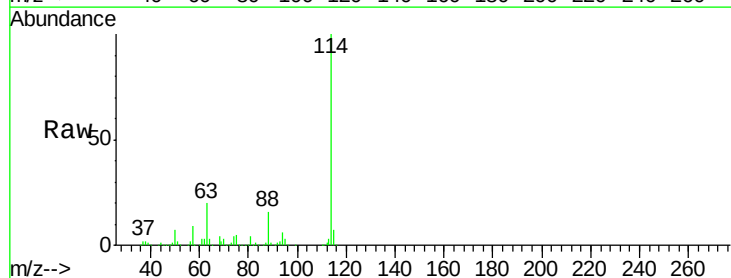
Instrument :
 MSVOA_U
 ClientSampleId :
 T11-MW-1-8.0-061218

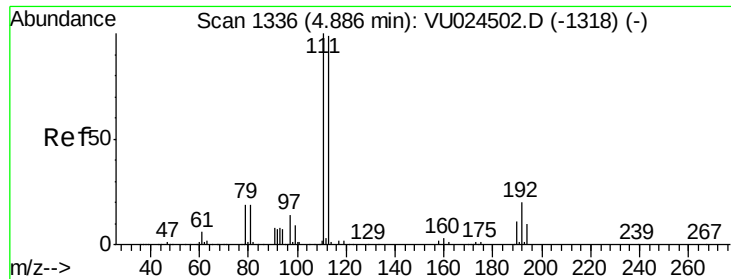
Tgt Ion: 65 Resp: 137157
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: VU024693.D
 Acq: 18 Jun 2018 15:48

Tgt Ion: 114 Resp: 308146
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 45.4
 88 15.8 0.0 31.0





#35

Dibromofluoromethane

Concen: 48.262 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU024693.D

Acq: 18 Jun 2018 15:48

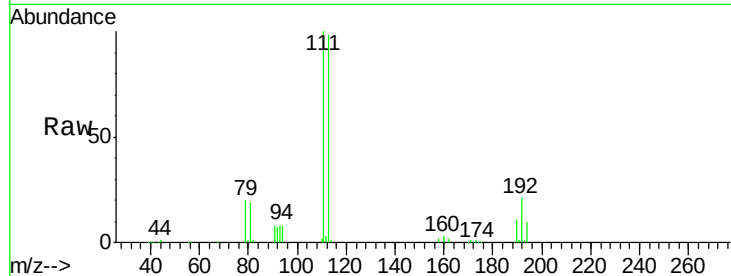
Instrument :

MSVOA_U

ClientSampleId :

T11-MW-1-8.0-061218

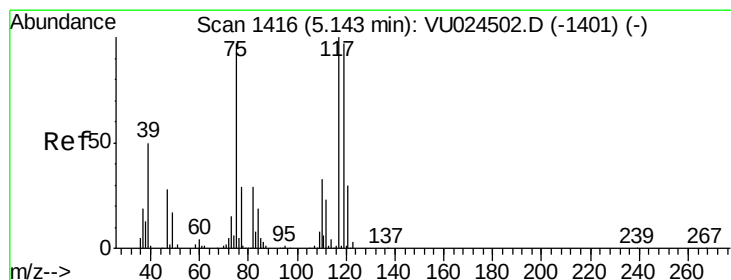
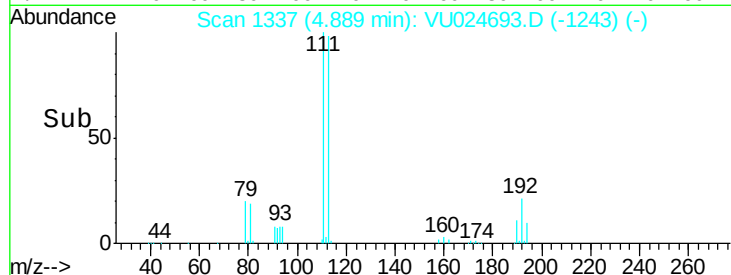
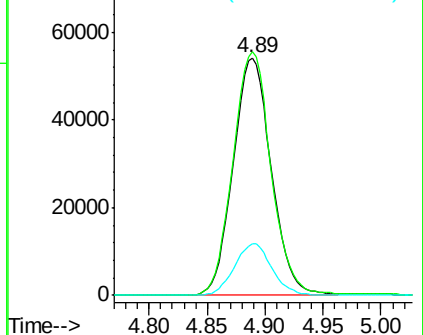
Tgt Ion:	113	Resp:	123425
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.2	123.4
192	21.3	16.2	24.4



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: 3.548 ug/l

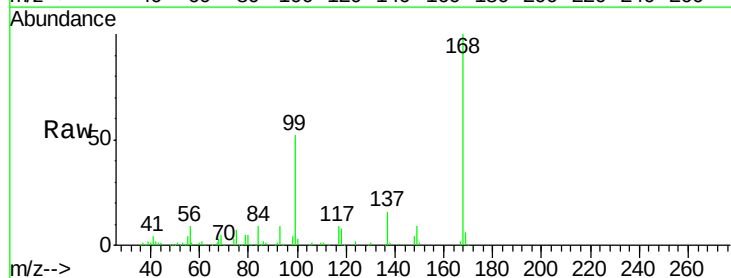
RT: 4.99 min Scan# 1368

Delta R.T. -0.15 min

Lab File: VU024693.D

Acq: 18 Jun 2018 15:48

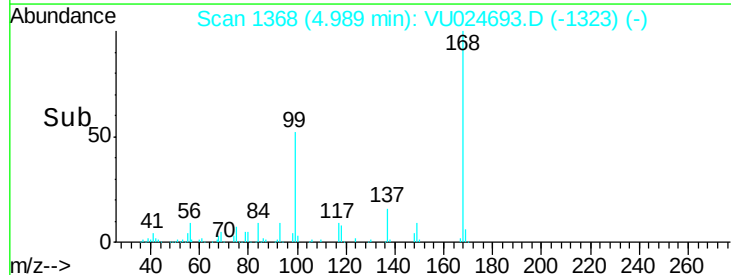
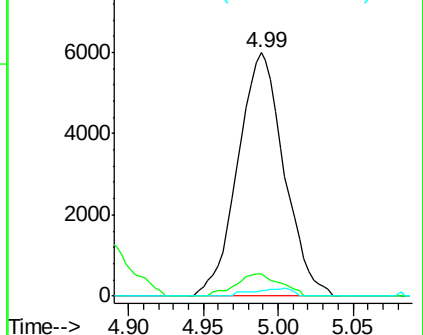
Tgt Ion:	75	Resp:	12848
Ion	Ratio	Lower	Upper
75	100		
110	8.8	17.0	50.9#
77	0.5	24.2	36.4#

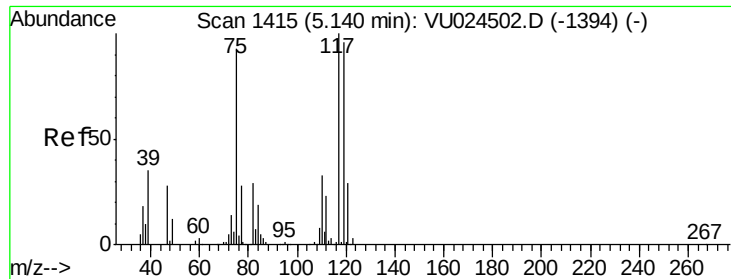


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0





#38

Carbon Tetrachloride

Concen: 4.469 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.15 min

Lab File: VU024693.D

Acq: 18 Jun 2018 15:48

Instrument :

MSVOA_U

ClientSampleId :

T11-MW-1-8.0-061218

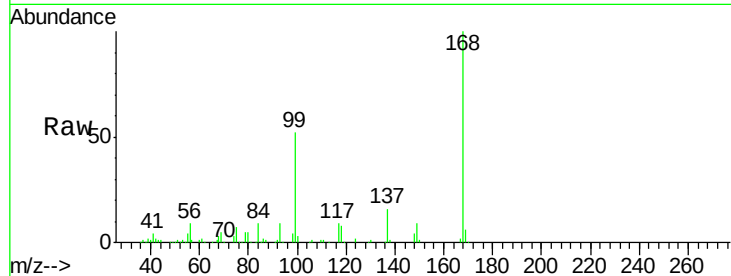
Tgt Ion:117 Resp: 17794

Ion Ratio Lower Upper

117 100

119 4.5 76.1 114.1#

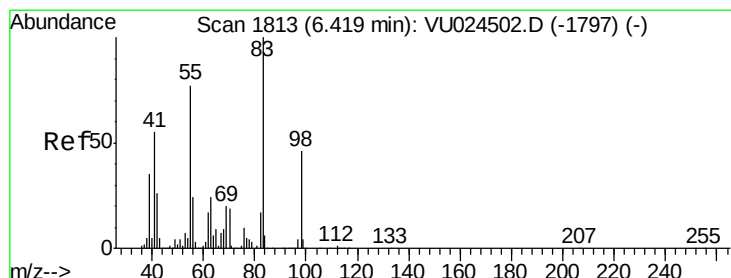
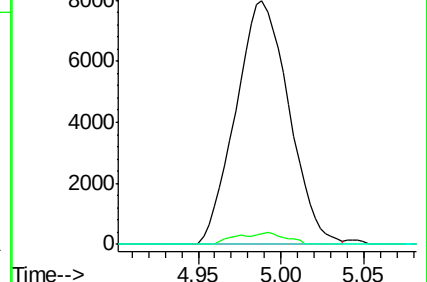
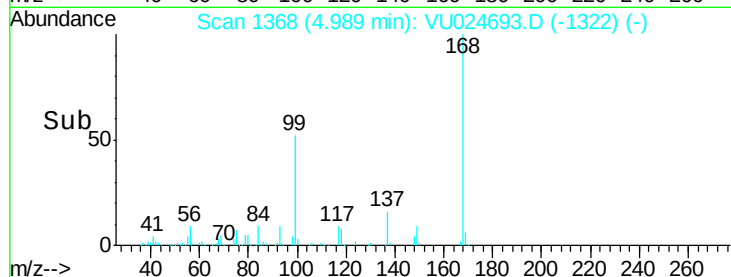
121 0.0 23.7 35.5#



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



#39

Methylcyclohexane

Concen: 4.220 ug/l

RT: 6.42 min Scan# 1814

Delta R.T. 0.00 min

Lab File: VU024693.D

Acq: 18 Jun 2018 15:48

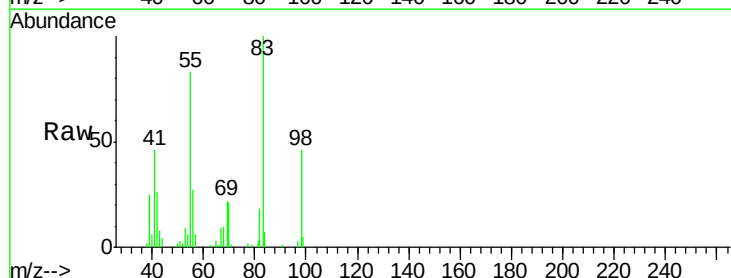
Tgt Ion: 83 Resp: 19070

Ion Ratio Lower Upper

83 100

55 80.2 65.8 98.6

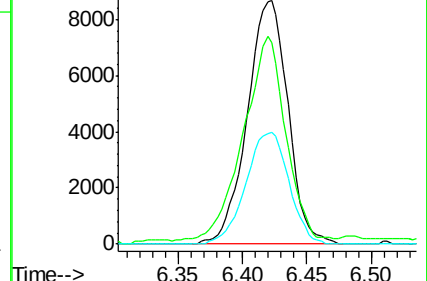
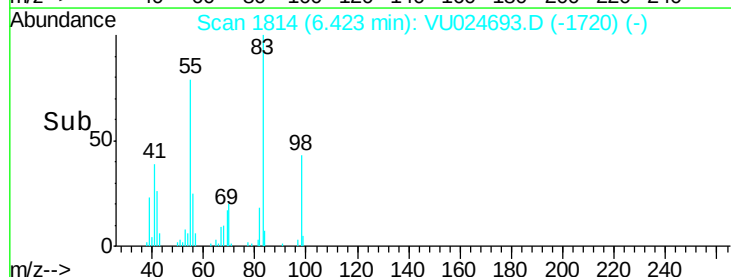
98 46.1 36.7 55.1

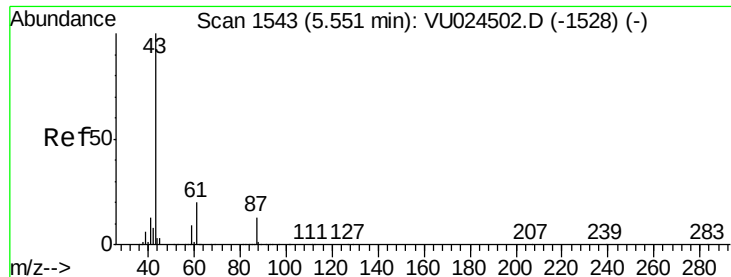


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#43

Isopropyl Acetate

Concen: 0.507 ug/l

RT: 5.49 min Scan# 1524

Delta R.T. -0.06 min

Lab File: VU024693.D

Acq: 18 Jun 2018 15:48

Instrument :

MSVOA_U

ClientSampleId :

T11-MW-1-8.0-061218

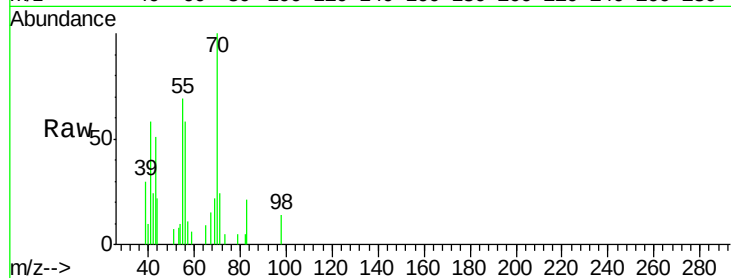
Tgt Ion: 43 Resp: 3458

Ion Ratio Lower Upper

43 100

61 0.0 15.4 23.0#

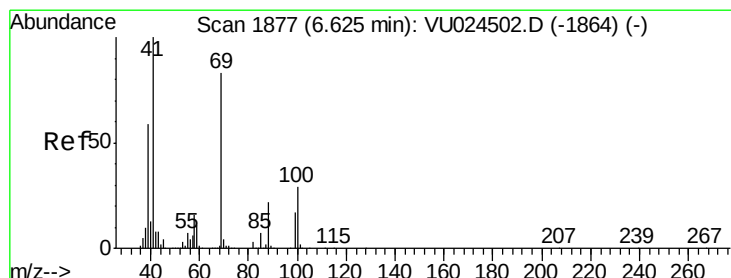
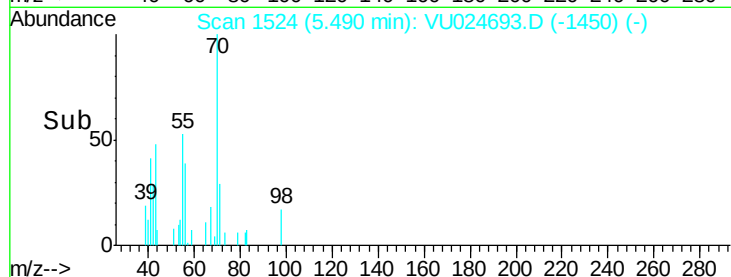
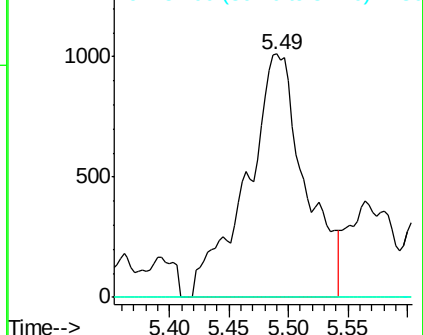
87 0.0 10.0 15.0#



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



#48

Methyl methacrylate

Concen: 0.456 ug/l

RT: 6.64 min Scan# 1883

Delta R.T. 0.02 min

Lab File: VU024693.D

Acq: 18 Jun 2018 15:48

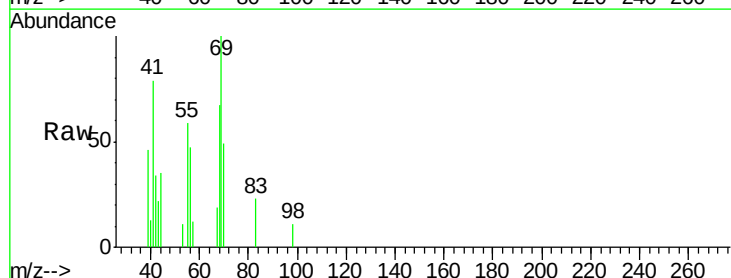
Tgt Ion: 41 Resp: 1516

Ion Ratio Lower Upper

41 100

69 149.1 67.3 100.9#

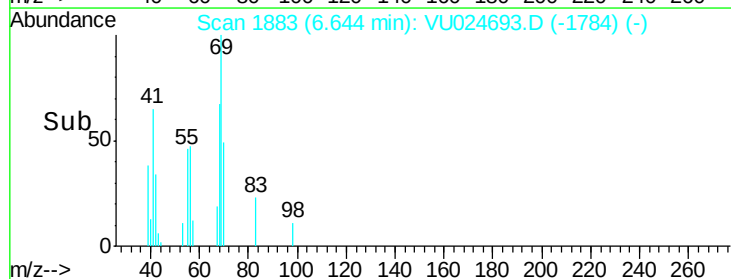
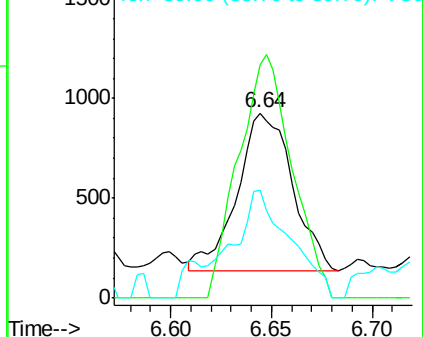
39 67.7 46.5 69.7

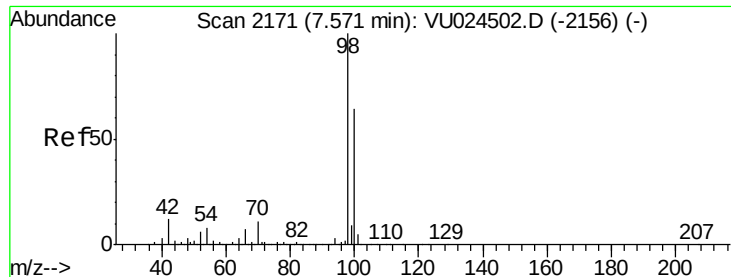


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 39.00 (38.70 to 39.70): VU0





#50

Toluene-d8

Concen: 48.101 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VU024693.D

Acq: 18 Jun 2018 15:48

Instrument :

MSVOA_U

ClientSampleId :

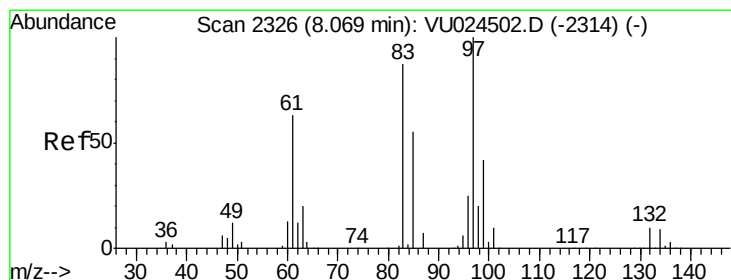
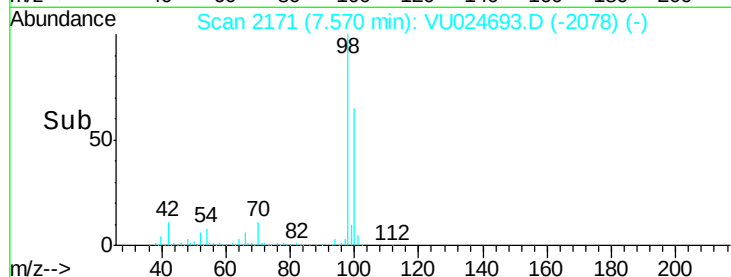
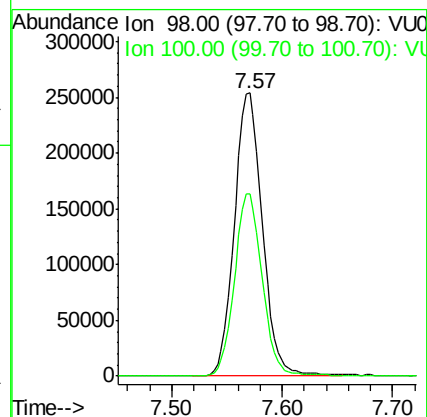
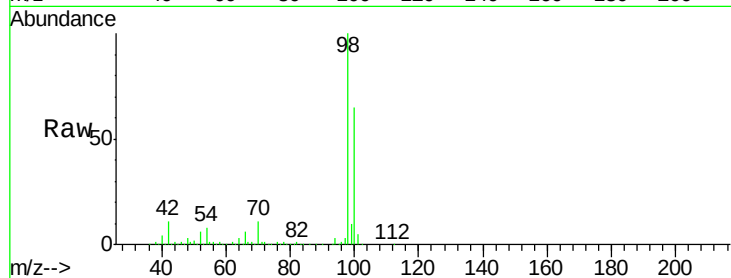
T11-MW-1-8.0-061218

Tgt Ion: 98 Resp: 448701

Ion Ratio Lower Upper

98 100

100 63.7 51.1 76.7



#55

1,1,2-Trichloroethane

Concen: 1.127 ug/l

RT: 8.05 min Scan# 2321

Delta R.T. -0.02 min

Lab File: VU024693.D

Acq: 18 Jun 2018 15:48

Tgt Ion: 97 Resp: 3040

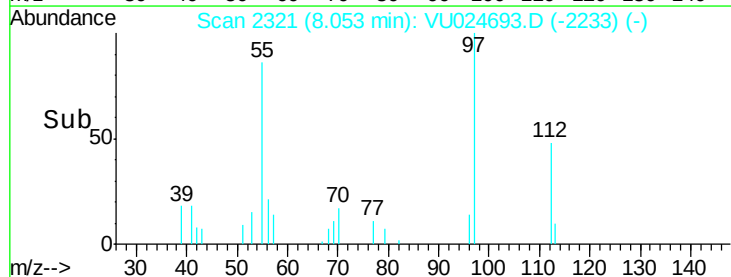
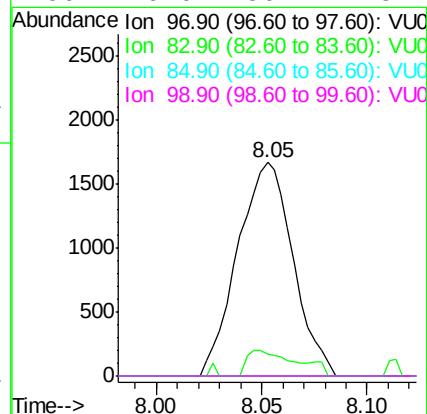
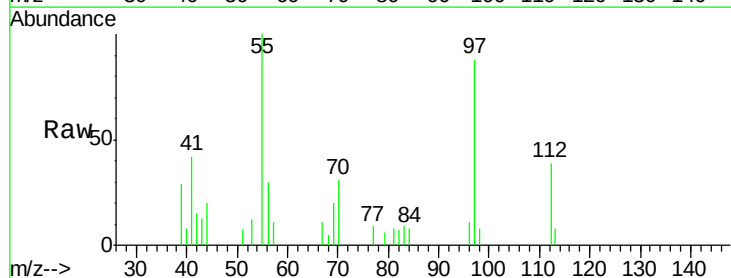
Ion Ratio Lower Upper

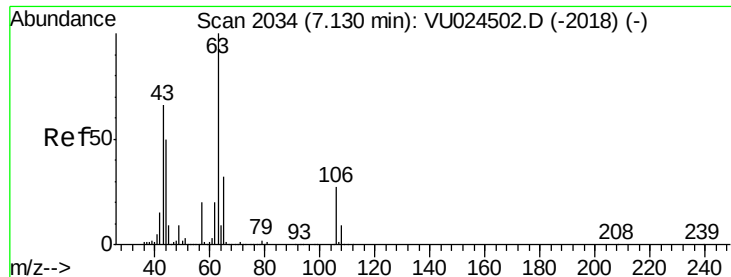
97 100

83 10.4 70.5 105.7#

85 0.0 46.4 69.6#

99 0.0 50.2 75.2#

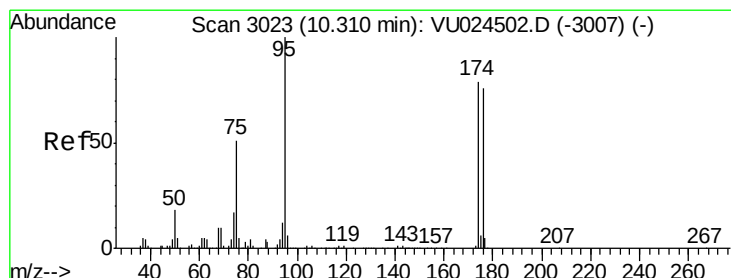
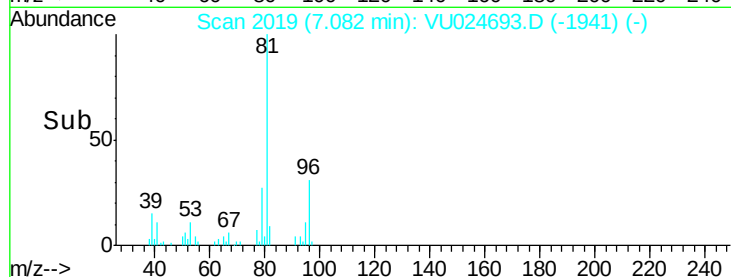
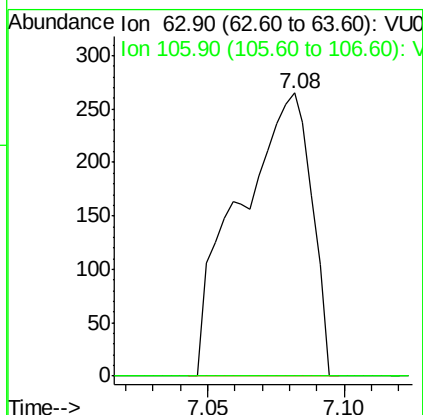
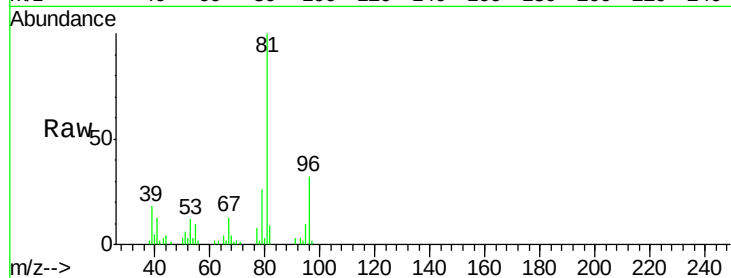




#58
 2-Chloroethyl Vinyl ether
 Concen: 0.281 ug/l
 RT: 7.08 min Scan# 2019
 Delta R.T. -0.05 min
 Lab File: VU024693.D
 Acq: 18 Jun 2018 15:48

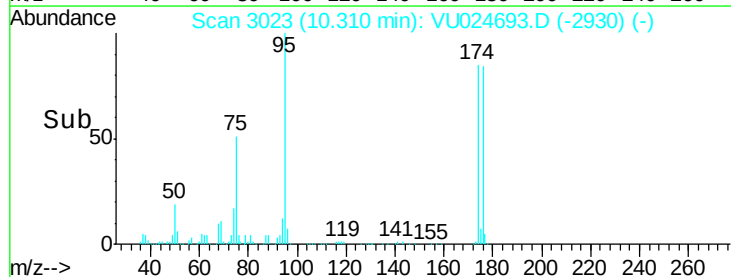
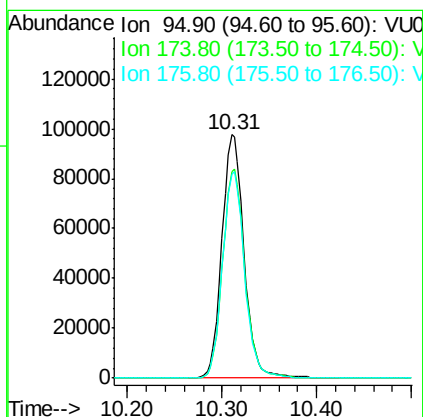
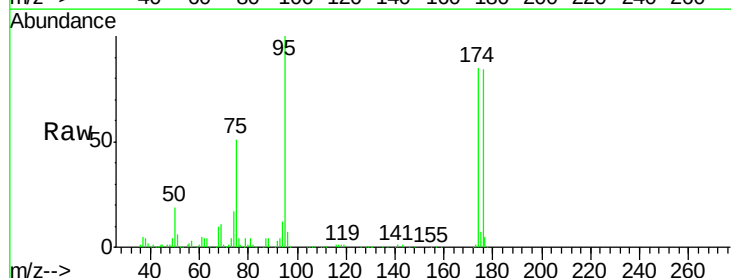
Instrument :
 MSVOA_U
 ClientSampleId :
 T11-MW-1-8.0-061218

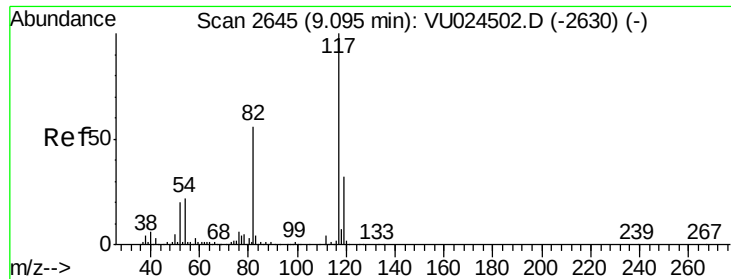
Tgt Ion: 63 Resp: 487
 Ion Ratio Lower Upper
 63 100
 106 0.0 20.2 30.2#



#62
 4-Bromofluorobenzene
 Concen: 42.830 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. -0.00 min
 Lab File: VU024693.D
 Acq: 18 Jun 2018 15:48

Tgt Ion: 95 Resp: 158628
 Ion Ratio Lower Upper
 95 100
 174 86.1 0.0 165.8
 176 84.7 0.0 159.4

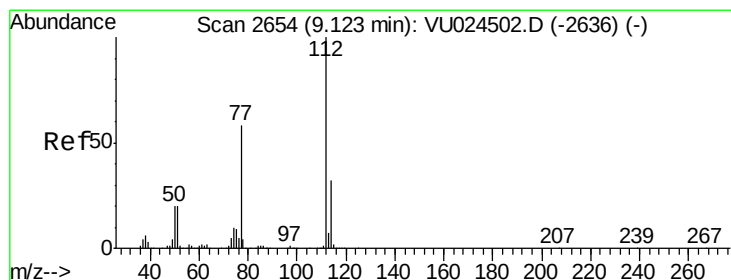
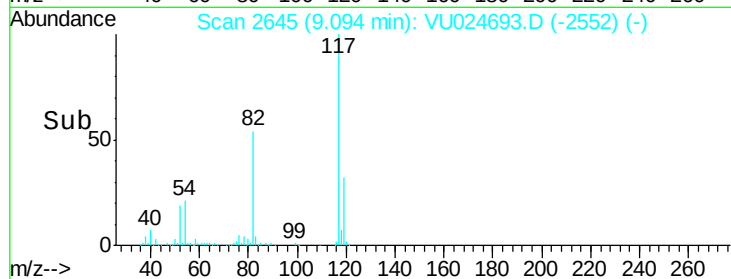
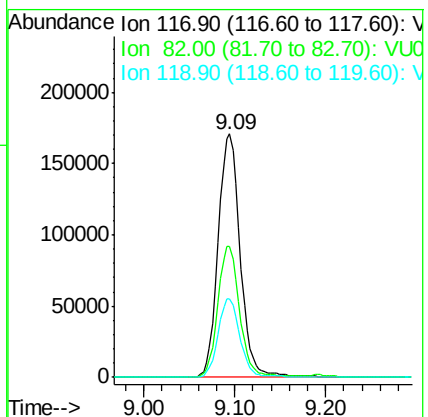
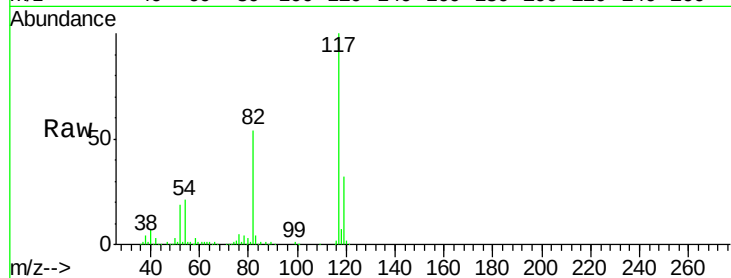




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU024693.D
Acq: 18 Jun 2018 15:48

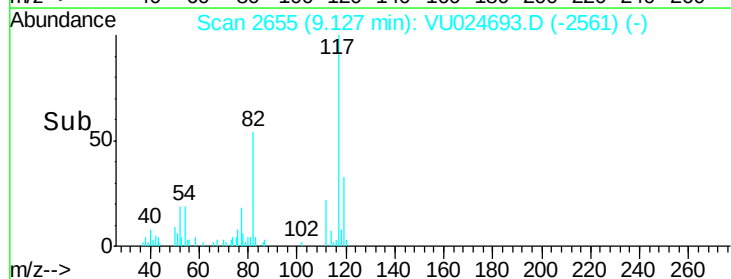
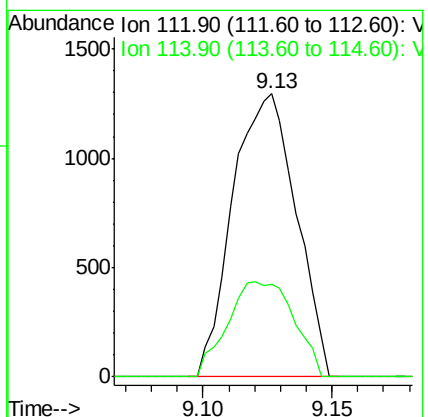
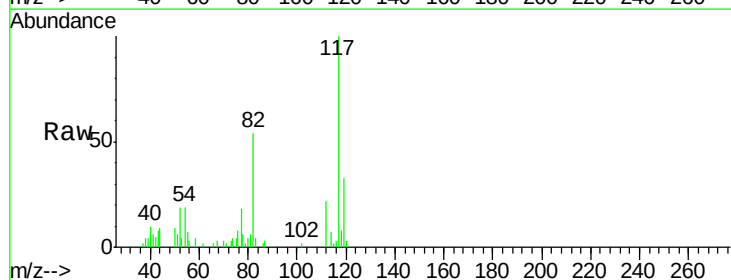
Instrument :
MSVOA_U
ClientSampleId :
T11-MW-1-8.0-061218

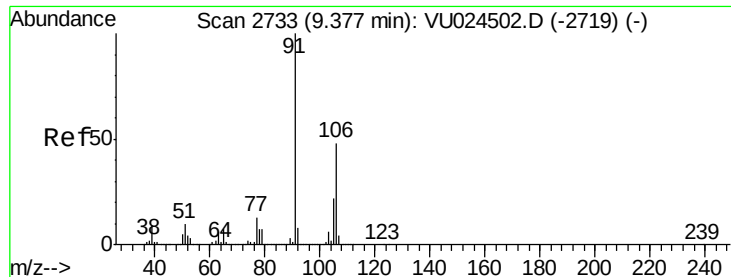
Tgt Ion:117 Resp: 288616
Ion Ratio Lower Upper
117 100
82 53.8 44.3 66.5
119 32.1 25.4 38.2



#65
Chlorobenzene
Concen: 0.301 ug/l
RT: 9.13 min Scan# 2655
Delta R.T. 0.00 min
Lab File: VU024693.D
Acq: 18 Jun 2018 15:48

Tgt Ion:112 Resp: 2219
Ion Ratio Lower Upper
112 100
114 32.5 25.6 38.4

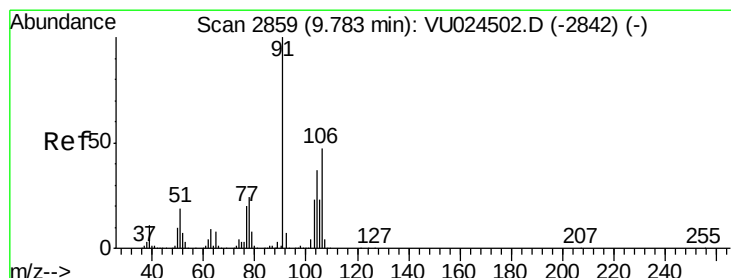
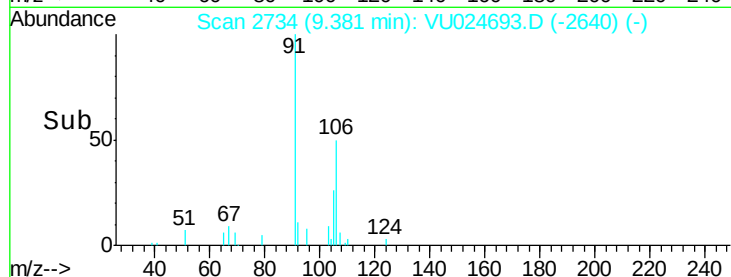
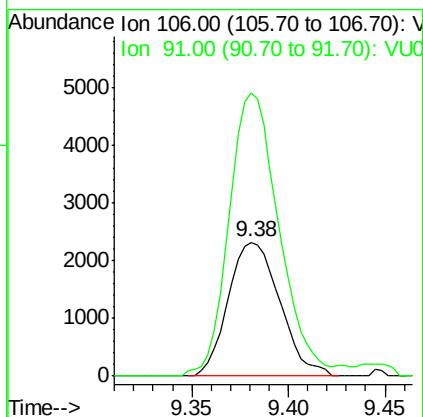
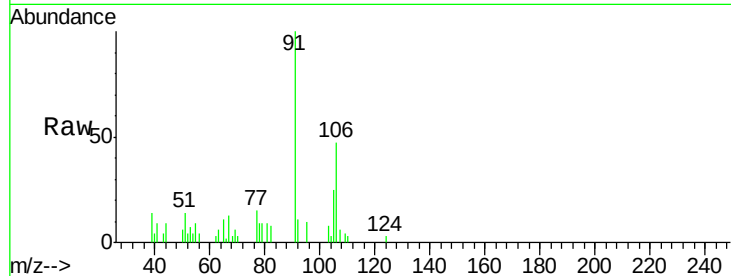




#68
m/p-Xylenes
Concen: 0.872 ug/l
RT: 9.38 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VU024693.D
Acq: 18 Jun 2018 15:48

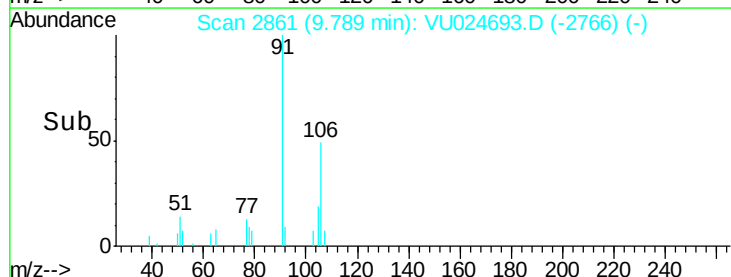
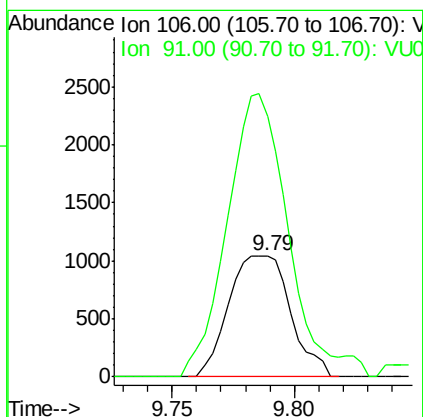
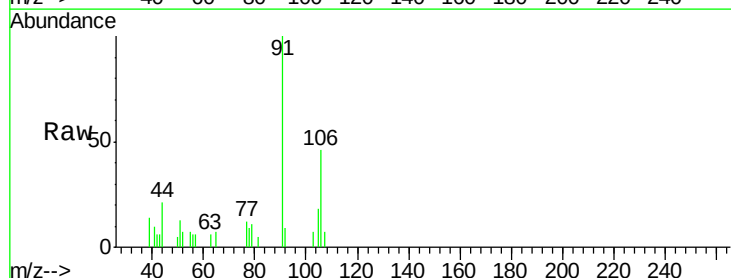
Instrument :
MSVOA_U
ClientSampleId :
T11-MW-1-8.0-061218

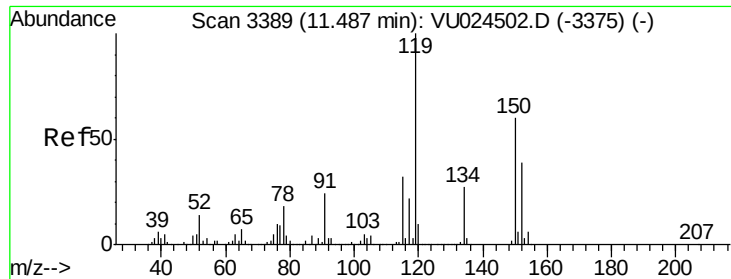
Tgt Ion:106 Resp: 4326
Ion Ratio Lower Upper
106 100
91 203.4 166.5 249.7



#69
o-Xylene
Concen: 0.373 ug/l
RT: 9.79 min Scan# 2861
Delta R.T. 0.01 min
Lab File: VU024693.D
Acq: 18 Jun 2018 15:48

Tgt Ion:106 Resp: 1834
Ion Ratio Lower Upper
106 100
91 231.2 110.7 331.9

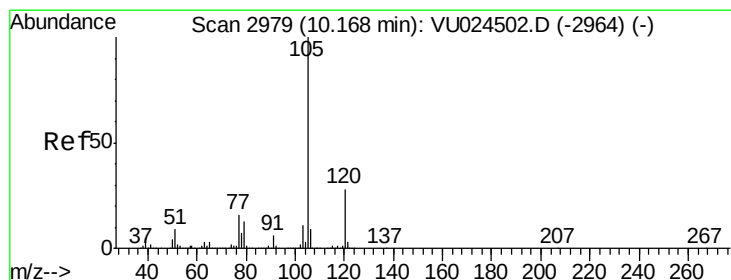
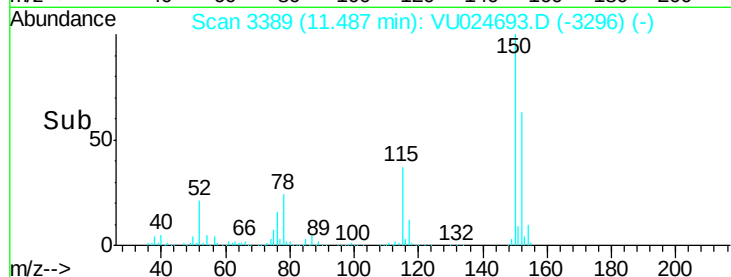
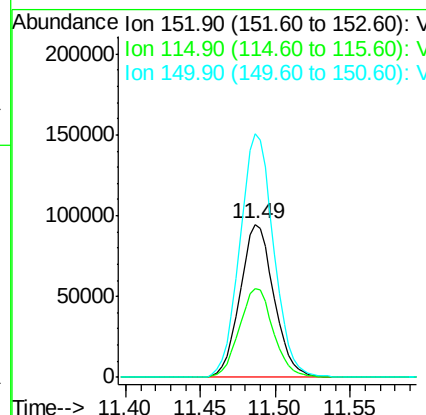
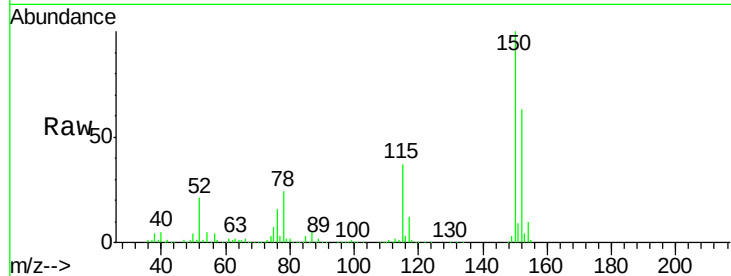




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.49 min Scan# 3389
 Delta R.T. -0.00 min
 Lab File: VU024693.D
 Acq: 18 Jun 2018 15:48

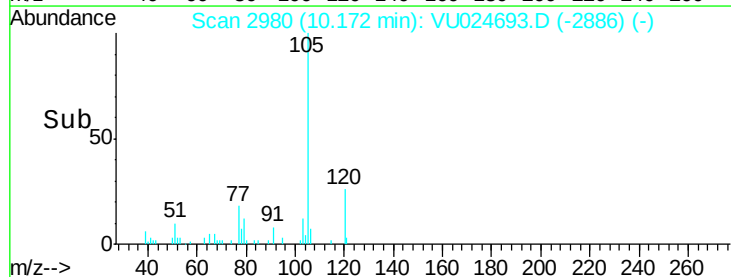
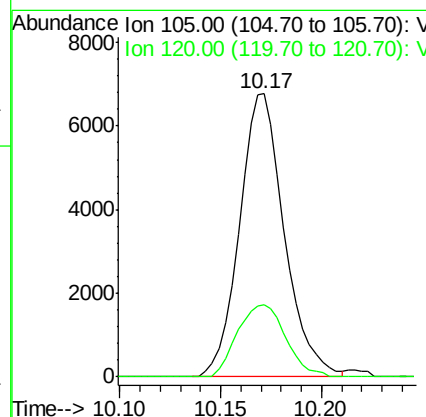
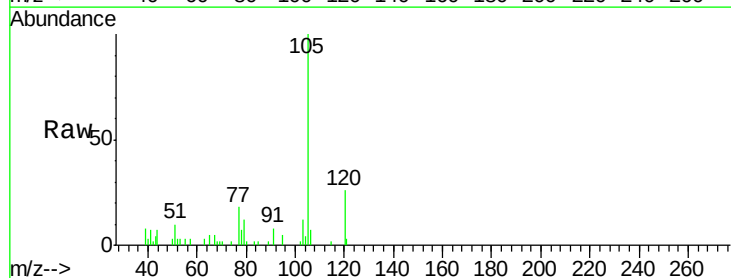
Instrument :
 MSVOA_U
 ClientSampleId :
 T11-MW-1-8.0-061218

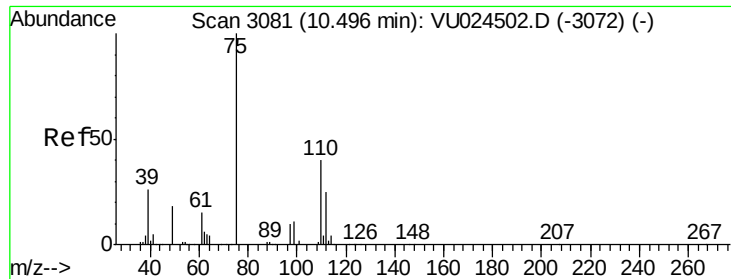
Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.0	43.0	129.0
150	159.6	0.0	354.0



#73
 Isopropylbenzene
 Concen: 0.918 ug/l
 RT: 10.17 min Scan# 2980
 Delta R.T. 0.00 min
 Lab File: VU024693.D
 Acq: 18 Jun 2018 15:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.5	13.2	39.6





#76

1,2,3-Trichloropropane

Concen: 24.599 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU024693.D

Acq: 18 Jun 2018 15:48

Instrument :

MSVOA_U

ClientSampleId :

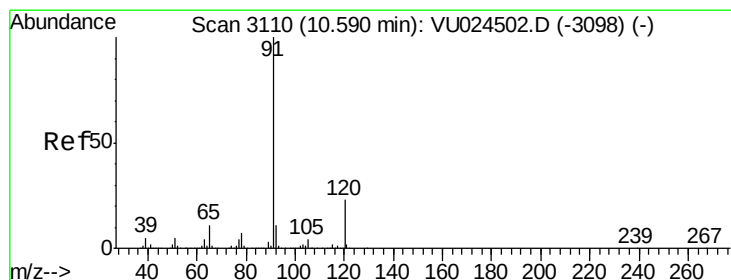
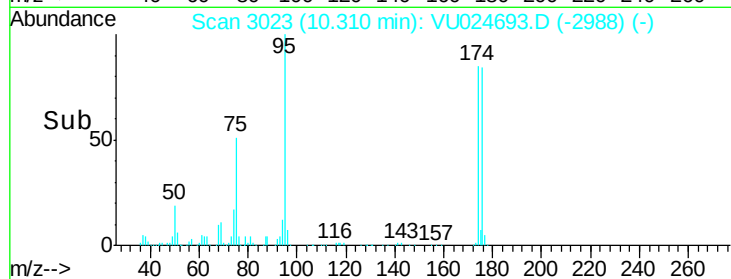
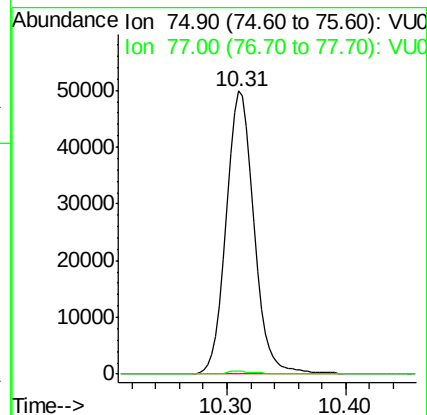
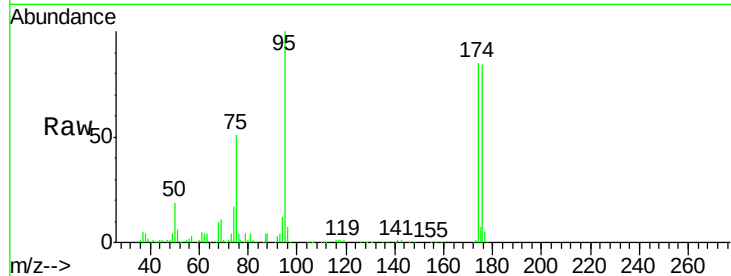
T11-MW-1-8.0-061218

Tgt Ion: 75 Resp: 80910

Ion Ratio Lower Upper

75 100

77 1.2 20.9 62.7#



#78

n-propylbenzene

Concen: 0.492 ug/l

RT: 10.59 min Scan# 3111

Delta R.T. 0.00 min

Lab File: VU024693.D

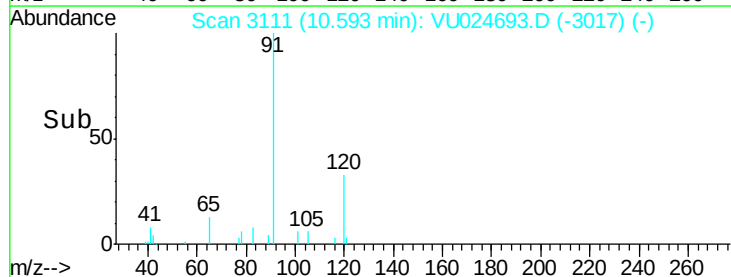
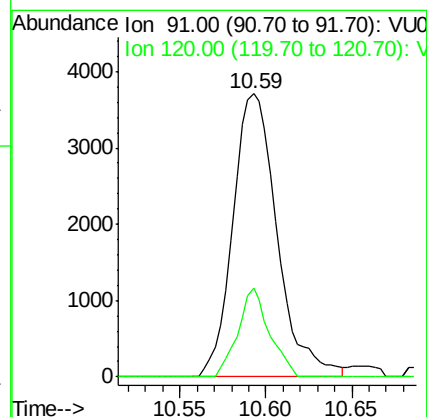
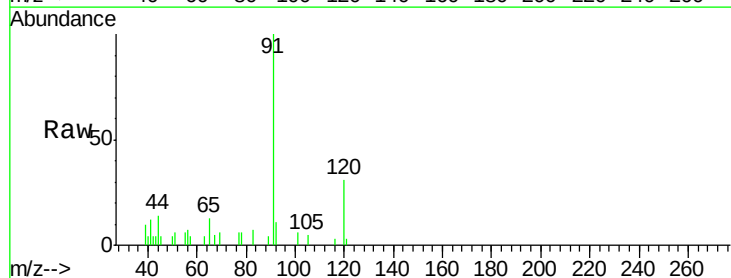
Acq: 18 Jun 2018 15:48

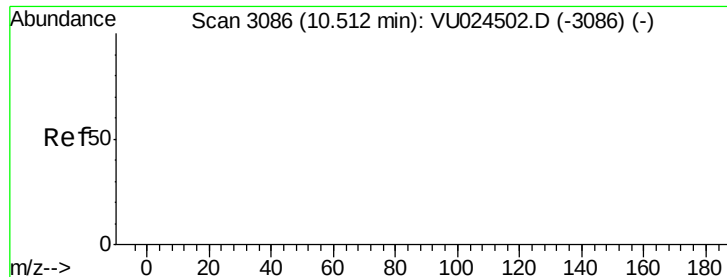
Tgt Ion: 91 Resp: 6647

Ion Ratio Lower Upper

91 100

120 22.2 11.2 33.5

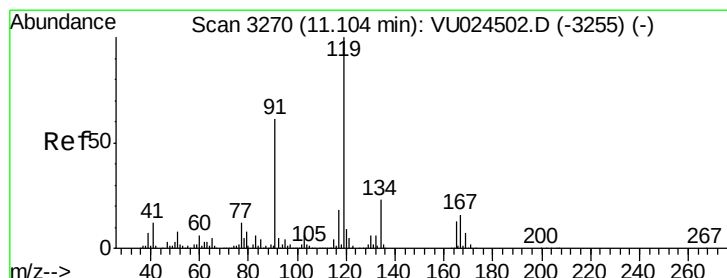
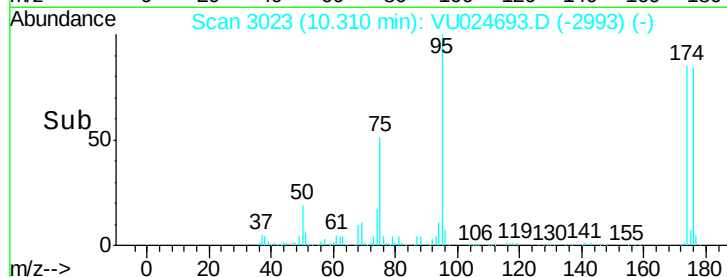
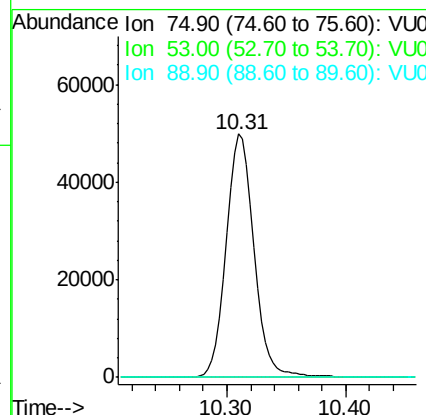
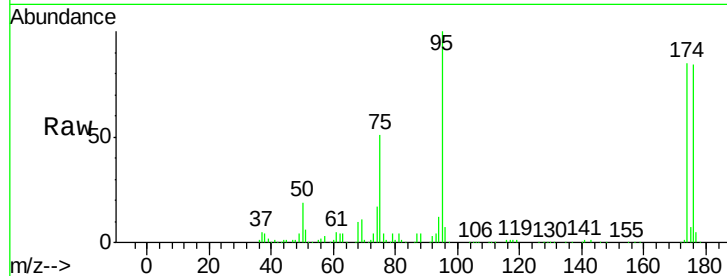




#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.931 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. -0.20 min
 Lab File: VU024693.D
 Acq: 18 Jun 2018 15:48

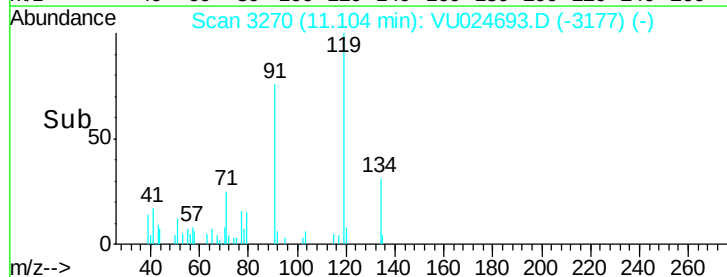
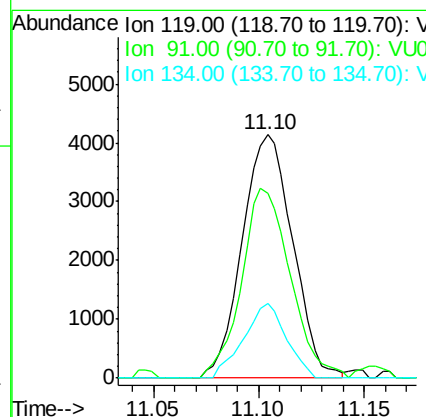
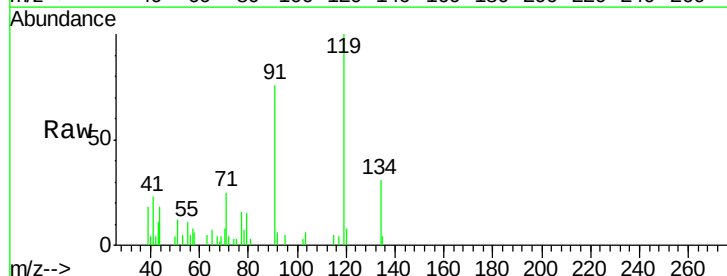
Instrument :
 MSVOA_U
 ClientSampleId :
 T11-MW-1-8.0-061218

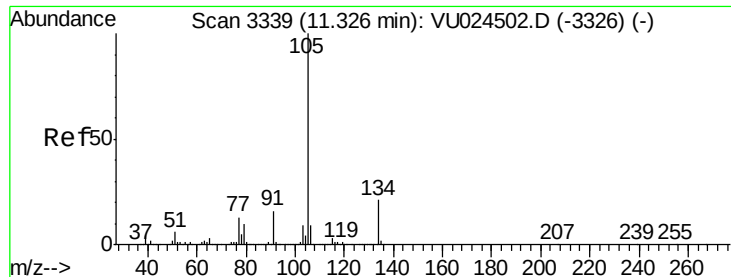
Tgt Ion: 75 Resp: 80910
 Ion Ratio Lower Upper
 75 100
 53 0.2 0.0 0.0#
 89 0.0 0.0 0.0



#83
 tert-Butylbenzene
 Concen: 0.721 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. -0.00 min
 Lab File: VU024693.D
 Acq: 18 Jun 2018 15:48

Tgt Ion: 119 Resp: 6893
 Ion Ratio Lower Upper
 119 100
 91 75.4 29.7 89.1
 134 25.9 11.6 34.7





#85

sec-Butylbenzene

Concen: 0.877 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VU024693.D

Acq: 18 Jun 2018 15:48

Instrument :

MSVOA_U

ClientSampleId :

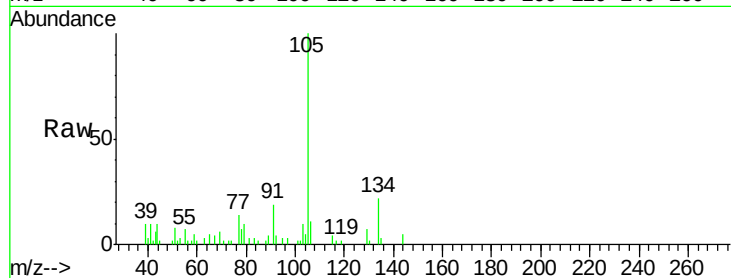
T11-MW-1-8.0-061218

Tgt Ion:105 Resp: 10498

Ion Ratio Lower Upper

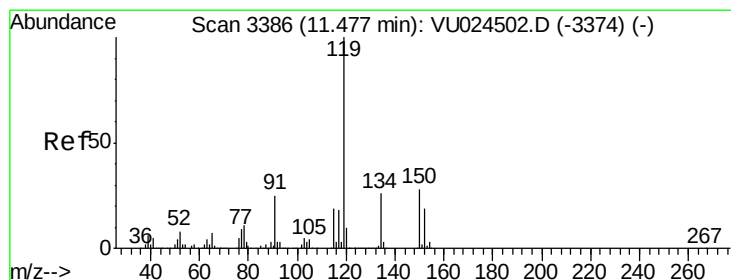
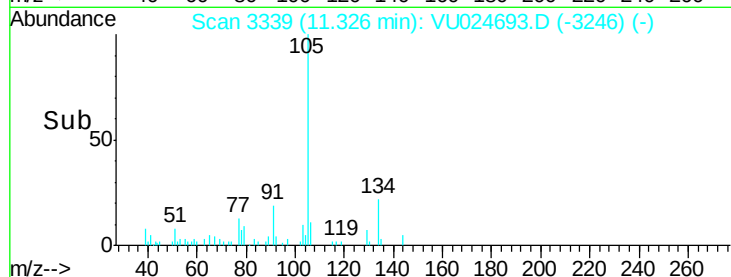
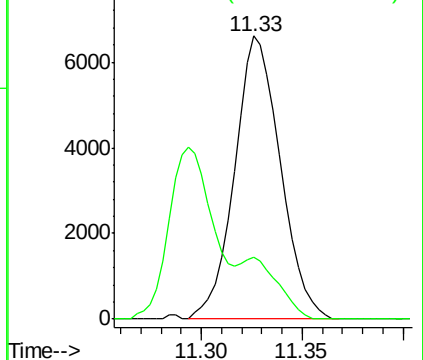
105 100

134 0.0 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: 2.500 ug/l

RT: 11.69 min Scan# 3453

Delta R.T. 0.22 min

Lab File: VU024693.D

Acq: 18 Jun 2018 15:48

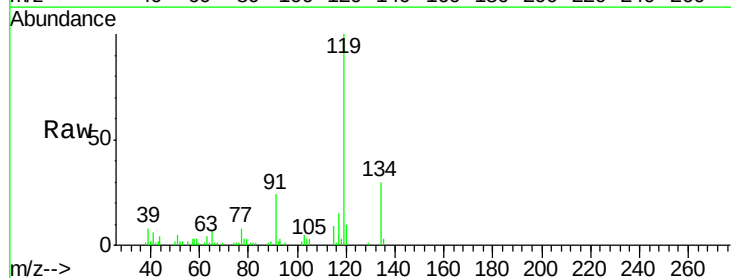
Tgt Ion:119 Resp: 26805

Ion Ratio Lower Upper

119 100

134 29.8 12.9 38.6

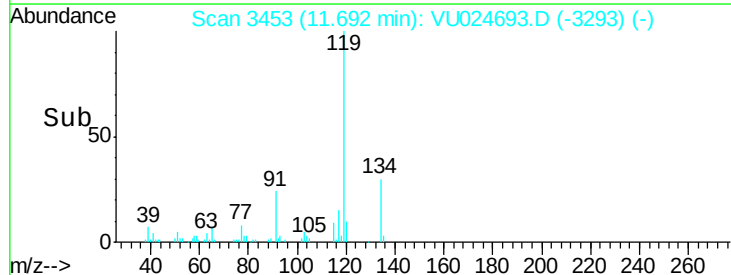
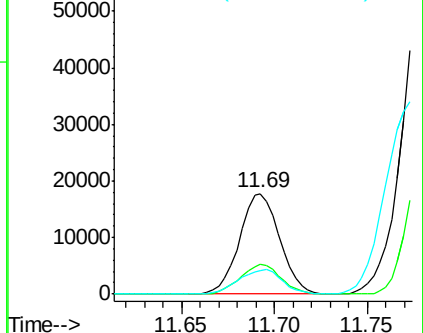
91 26.4 12.0 36.1

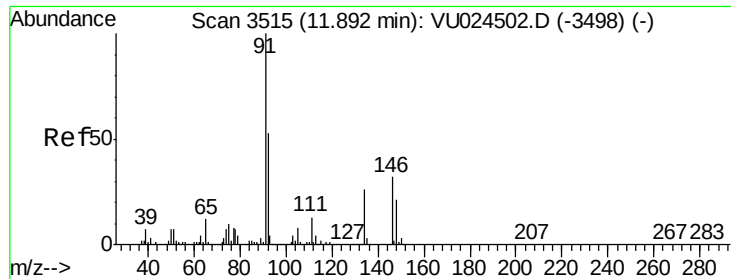


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0





#89

n-Butylbenzene

Concen: 0.714 ug/l

RT: 11.87 min Scan# 3508

Delta R.T. -0.02 min

Lab File: VU024693.D

Acq: 18 Jun 2018 15:48

Instrument :

MSVOA_U

ClientSampleId :

T11-MW-1-8.0-061218

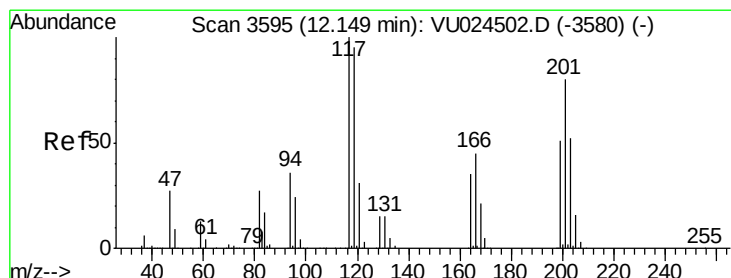
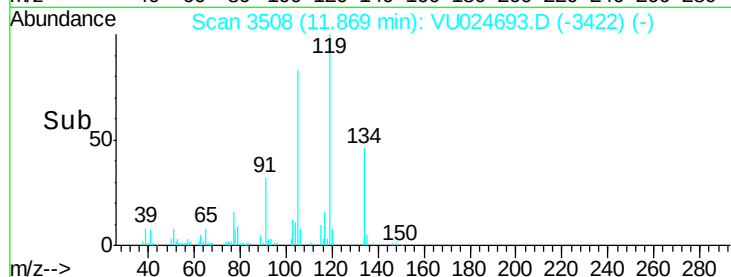
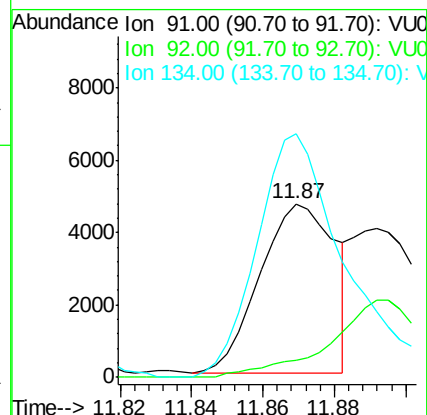
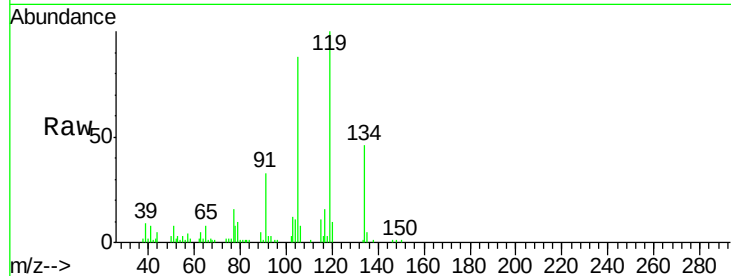
Tgt Ion: 91 Resp: 6795

Ion Ratio Lower Upper

91 100

92 0.0 25.6 76.8#

134 169.0 12.3 36.8#



#90

Hexachloroethane

Concen: 21.071 ug/l

RT: 12.26 min Scan# 3628

Delta R.T. 0.11 min

Lab File: VU024693.D

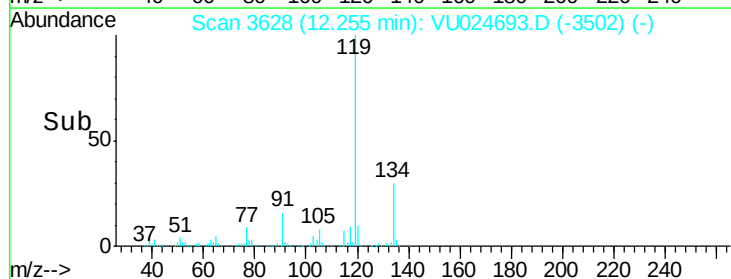
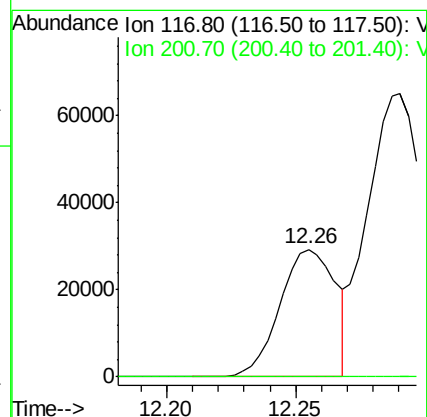
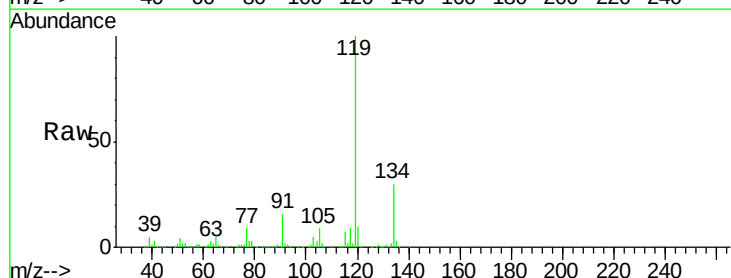
Acq: 18 Jun 2018 15:48

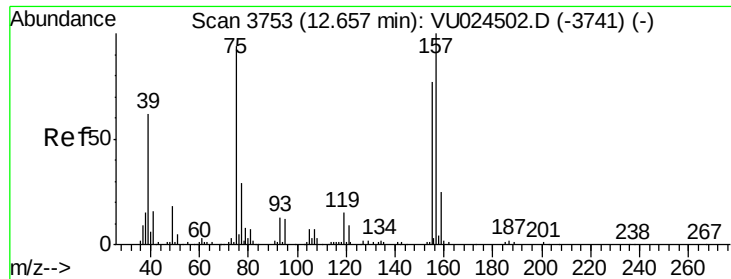
Tgt Ion: 117 Resp: 44068

Ion Ratio Lower Upper

117 100

201 0.0 41.1 123.3#





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.534 ug/l

RT: 12.65 min Scan# 3752

Delta R.T. -0.00 min

Lab File: VU024693.D

Acq: 18 Jun 2018 15:48

Instrument :

MSVOA_U

ClientSampleId :

T11-MW-1-8.0-061218

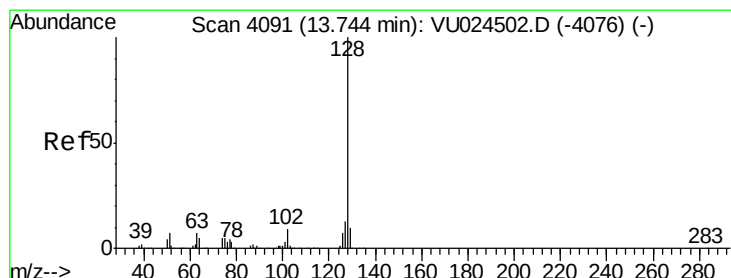
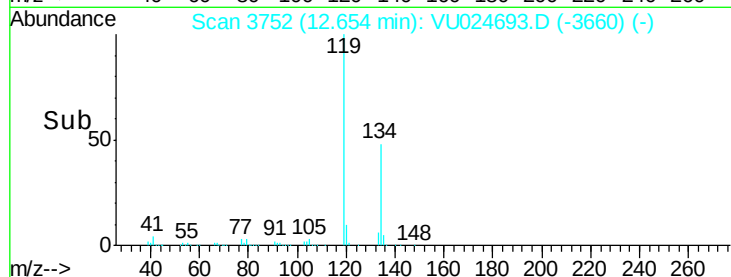
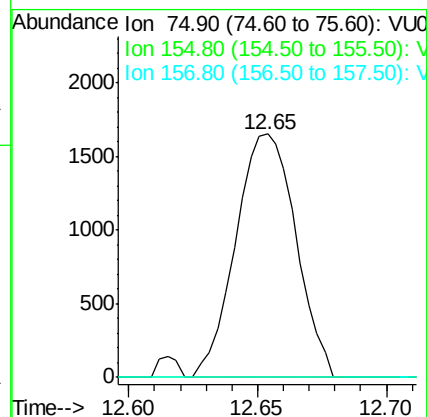
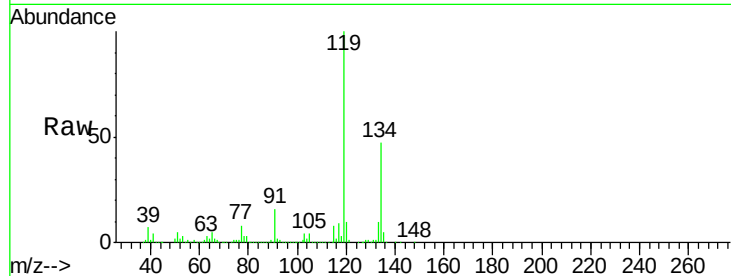
Tgt Ion: 75 Resp: 2688

Ion Ratio Lower Upper

75 100

155 0.0 40.4 121.2#

157 0.0 52.3 156.8#



#95

Naphthalene

Concen: 1.277 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU024693.D

Acq: 18 Jun 2018 15:48

Tgt Ion: 128 Resp: 6658

Ion Ratio Lower Upper

128 100

127 16.6 10.6 16.0#

129 43.3 8.6 12.8#

