

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070218\
 Data File : VU025172.D
 Acq On : 03 Jul 2018 04:14
 Operator : MD/SY
 Sample : J3809-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1-062818

Quant Time: Jul 03 07:07:02 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	200413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	307139	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	289887	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	187177	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	152562	46.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.26%	
35) Dibromofluoromethane	4.89	113	117343	46.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.06%	
50) Toluene-d8	7.57	98	451102	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	
62) 4-Bromofluorobenzene	10.31	95	172706	46.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.56%	

Target Compounds

					Qvalue	
5) Bromomethane	1.64	94	304	0.238	ug/l	89
6) Chloroethane	1.70	64	19	Below Cal	#	43
11) Tert butyl alcohol	2.82	59	23442	29.460	ug/l	98
13) Acrolein	2.18	56	1407	3.367	ug/l #	1
14) Allyl chloride	2.64	41	1453	0.343	ug/l #	20
15) Acrylonitrile	3.00	53	2949	1.905	ug/l #	32
16) Acetone	2.32	43	43012	24.467	ug/l	92
18) Methyl Acetate	2.63	43	2060	0.547	ug/l #	55
19) Methyl tert-butyl Ether	3.00	73	72253	8.423	ug/l #	1
20) Methylene Chloride	2.70	84	866	0.314	ug/l #	44
22) Diisopropyl ether	3.57	45	3914	0.466	ug/l #	84
25) 2-Butanone	4.27	43	24770	10.490	ug/l	95
29) Tetrahydrofuran	4.66	42	810	0.554	ug/l	92
30) Chloroform	4.73	83	4508	0.922	ug/l #	73
31) Cyclohexane	5.00	56	80686	17.522	ug/l	99
36) 1,1-Dichloropropene	4.99	75	14919	4.134	ug/l #	50
37) Ethyl Acetate	4.27	43	24770	6.297	ug/l #	70
38) Carbon Tetrachloride	4.99	117	18854	4.751	ug/l #	16
39) Methylcyclohexane	6.42	83	142062	31.542	ug/l	99
40) Benzene	5.39	78	877584	85.335	ug/l	100
41) Methacrylonitrile	4.57	41	723	0.341	ug/l #	13
42) 1,2-Dichloroethane	5.39	62	8334	2.128	ug/l #	77
43) Isopropyl Acetate	5.54	43	43135	6.344	ug/l #	62
45) 1,2-Dichloropropane	6.42	63	2265	0.825	ug/l #	1
48) Methyl methacrylate	6.65	41	25626	7.740	ug/l #	54
51) 4-Methyl-2-Pentanone	7.46	43	5708	1.336	ug/l	99
52) Toluene	7.64	92	291347	44.034	ug/l	100
53) t-1,3-Dichloropropene	7.64	75	3917	0.909	ug/l #	1
55) 1,1,2-Trichloroethane	8.05	97	69858	25.975	ug/l #	19
56) Ethyl methacrylate	8.05	69	19430	4.316	ug/l #	3
59) 2-Hexanone	8.33	43	13921	3.992	ug/l #	26
67) Ethyl Benzene	9.26	91	11295988	870.093	ug/l	96
68) m/p-Xylenes	9.38	106	4375269	877.638	ug/l	95
69) o-Xylene	9.78	106	121334	24.593	ug/l	96

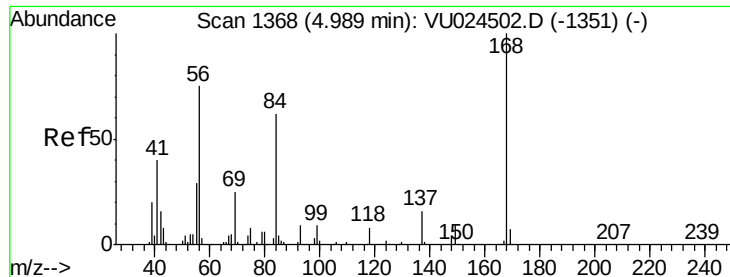
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070218\
 Data File : VU025172.D
 Acq On : 03 Jul 2018 04:14
 Operator : MD/SY
 Sample : J3809-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1-062818

Quant Time: Jul 03 07:07:02 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)
70) Styrene	9.79	104	14289	1.762	ug/l #	1
73) Isopropylbenzene	10.17	105	717641	49.938	ug/l	99
74) N-amyl acetate	10.01	43	1422	0.208	ug/l #	1
76) 1,2,3-Trichloropropane	10.59	75	13958	3.387	ug/l #	1
78) n-propylbenzene	10.59	91	2142351	126.553	ug/l	97
79) 2-Chlorotoluene	10.71	91	477663	47.848	ug/l #	41
80) 1,3,5-Trimethylbenzene	10.71	105	4260340	342.039	ug/l	74
81) trans-1,4-Dichloro-2-buten	10.59	75	13958	7.839	ug/l #	100
82) 4-Chlorotoluene	10.71	91	477663	41.110	ug/l #	45
83) tert-Butylbenzene	11.16	119	2523244	210.595	ug/l #	64
84) 1,2,4-Trimethylbenzene	10.98	105	6193716	487.943	ug/l	79
85) sec-Butylbenzene	11.58	105	3256089	217.107	ug/l #	57
86) p-Isopropyltoluene	11.48	119	126585	9.424	ug/l	98
89) n-Butylbenzene	11.89	91	183967	15.427	ug/l #	70
90) Hexachloroethane	12.15	117	149108	56.905	ug/l #	8
92) 1,2-Dibromo-3-Chloropropan	12.65	75	10837	8.156	ug/l #	3
95) Naphthalene	13.74	128	1877481	135.240	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025172.D

Acq: 03 Jul 2018 04:14

Instrument :

MSVOA_U

ClientSampleId :

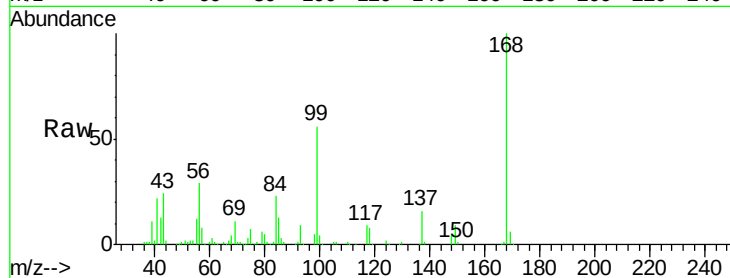
MW-1-062818

Tot Ion:168 Resp: 200413

Ion Ratio Lower Upper

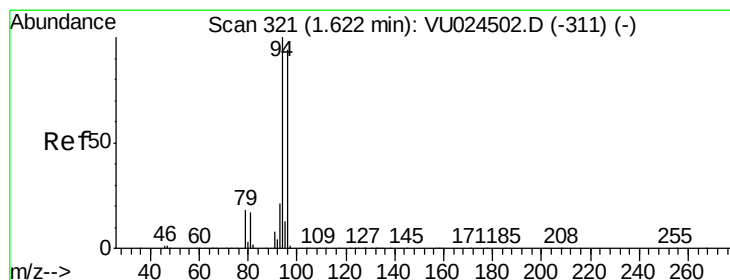
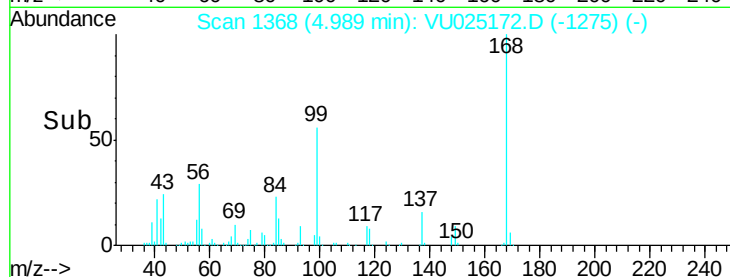
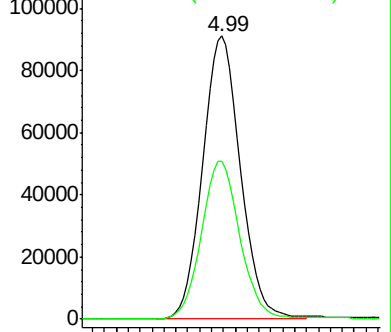
168 100

99 55.8 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#5

Bromomethane

Concen: 0.238 ug/l

RT: 1.64 min Scan# 326

Delta R.T. 0.02 min

Lab File: VU025172.D

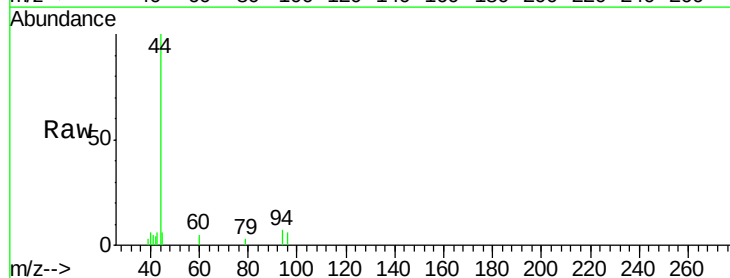
Acq: 03 Jul 2018 04:14

Tgt Ion: 94 Resp: 304

Ion Ratio Lower Upper

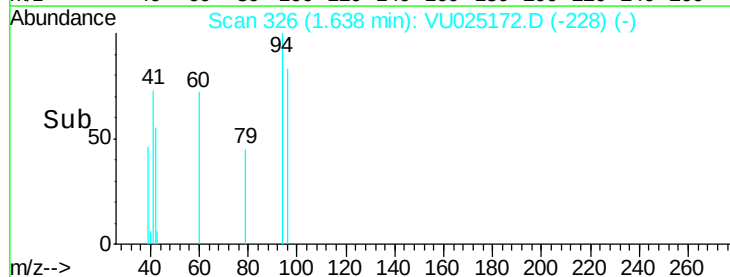
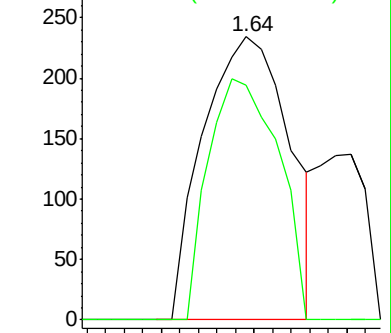
94 100

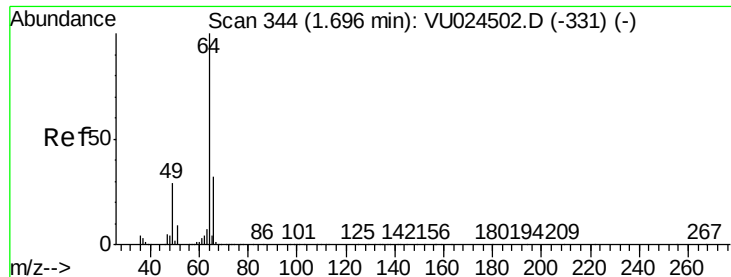
96 82.9 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0





#6

Chloroethane

Concen: Below Cal

RT: 1.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VU025172.D

Acq: 03 Jul 2018 04:14

Instrument :

MSVOA_U

ClientSampleId :

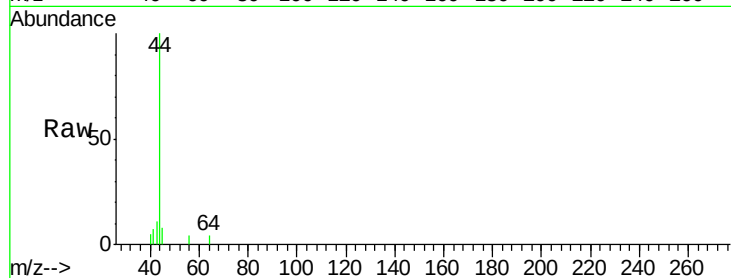
MW-1-062818

Tot Ion: 64 Resp: 19

Ion Ratio Lower Upper

64 100

66 0.0 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0

1.70

100

80

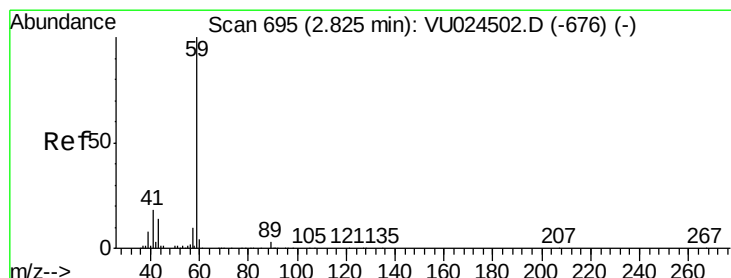
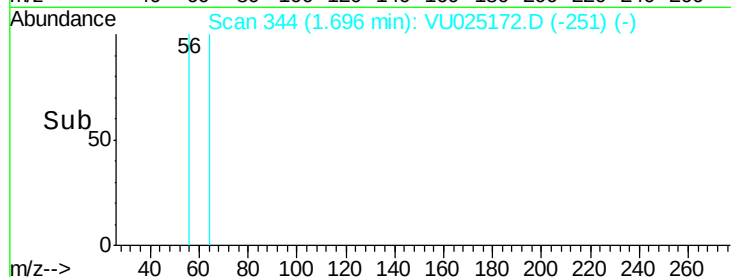
60

40

20

0

Time--> 1.69 1.69 1.70 1.70 1.71



#11

Tert butyl alcohol

Concen: 29.460 ug/l

RT: 2.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VU025172.D

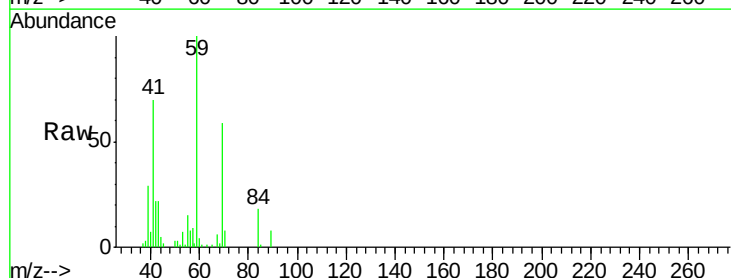
Acq: 03 Jul 2018 04:14

Tgt Ion: 59 Resp: 23442

Ion Ratio Lower Upper

59 100

57 9.9 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

2.82

12000

10000

8000

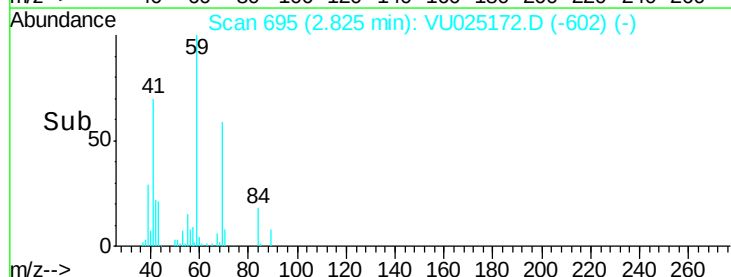
6000

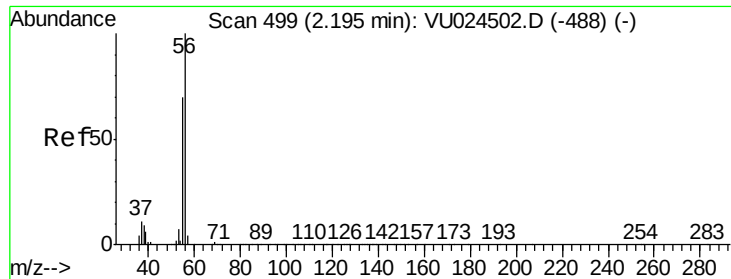
4000

2000

0

Time--> 2.75 2.80 2.85 2.90 2.95





#13

Acrolein

Concen: 3.367 ug/l

RT: 2.18 min Scan# 496

Delta R.T. -0.01 min

Lab File: VU025172.D

Acq: 03 Jul 2018 04:14

Instrument :

MSVOA_U

ClientSampleId :

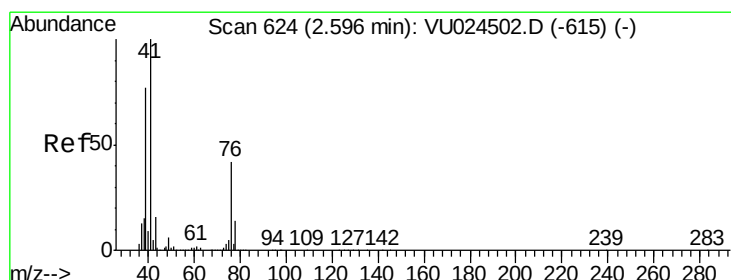
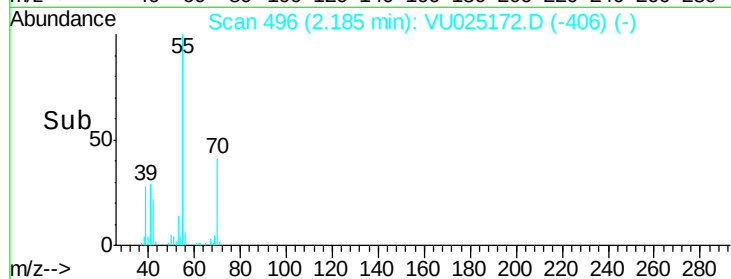
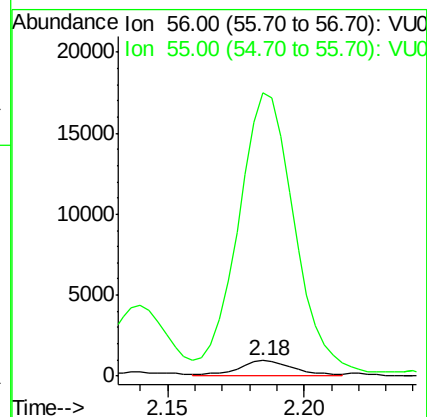
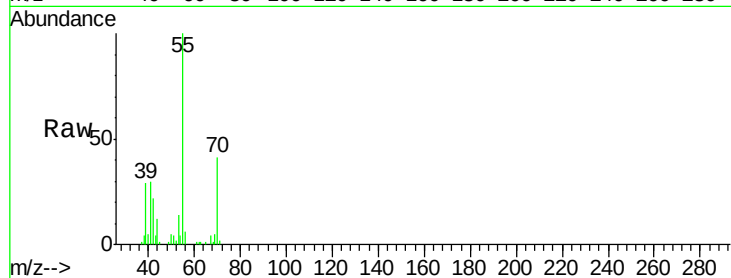
MW-1-062818

Tot Ion: 56 Resp: 1407

Ion Ratio Lower Upper

56 100

55 1739.7 58.4 87.6#



#14

Allyl chloride

Concen: 0.343 ug/l

RT: 2.64 min Scan# 639

Delta R.T. 0.05 min

Lab File: VU025172.D

Acq: 03 Jul 2018 04:14

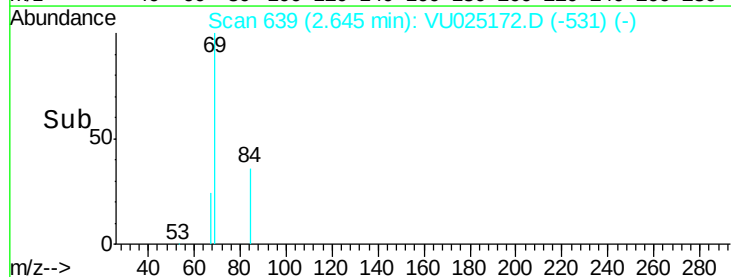
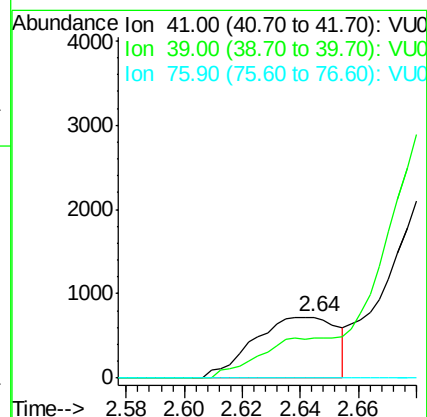
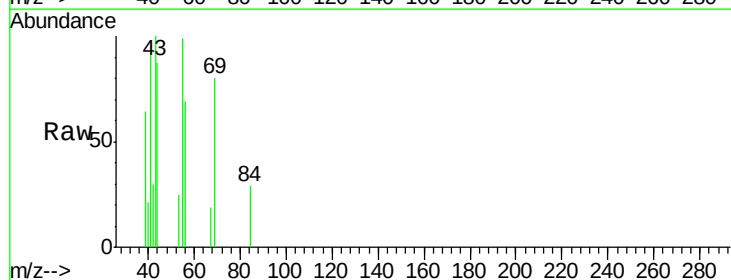
Tgt Ion: 41 Resp: 1453

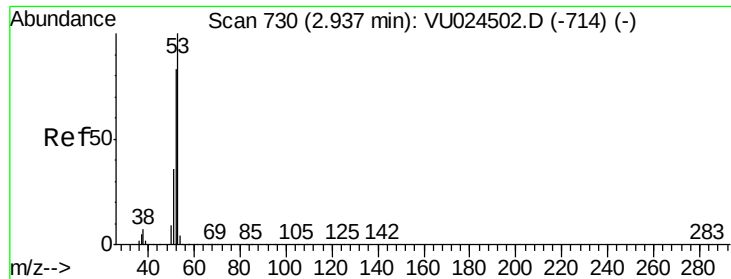
Ion Ratio Lower Upper

41 100

39 0.0 61.6 92.4#

76 0.0 29.7 44.5#





#15

Acrylonitrile

Concen: 1.905 ug/l

RT: 3.00 min Scan# 749

Delta R.T. 0.06 min

Lab File: VU025172.D

Acq: 03 Jul 2018 04:14

Instrument :

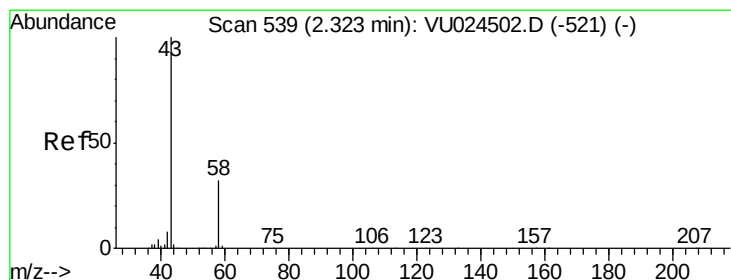
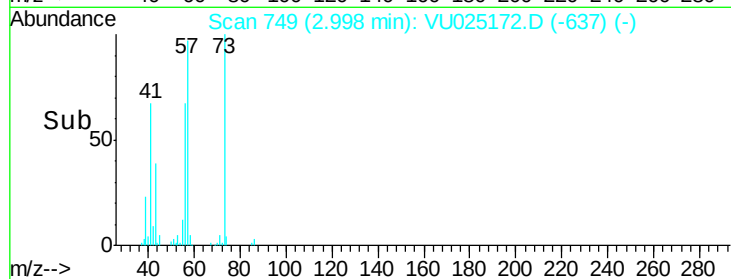
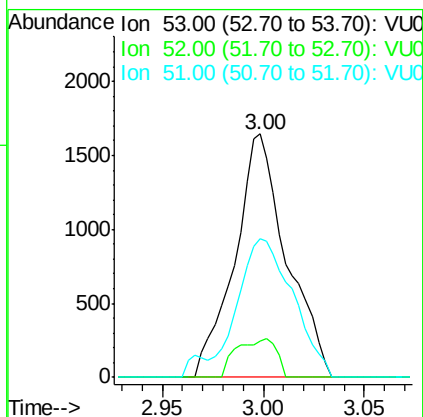
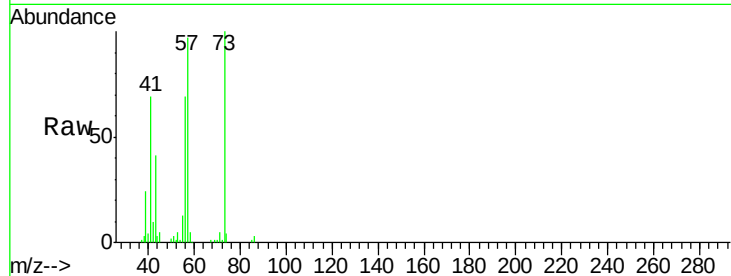
MSVOA_U

ClientSampleId :

MW-1-062818

Tot Ion: 53 Resp: 2949

Ion	Ratio	Lower	Upper
53	100		
52	12.2	67.1	100.7#
51	60.5	28.4	42.6#



#16

Acetone

Concen: 24.467 ug/l

RT: 2.32 min Scan# 538

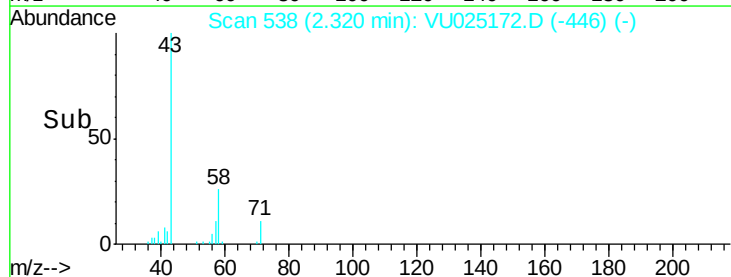
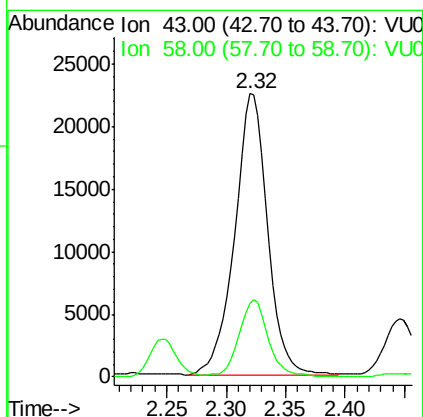
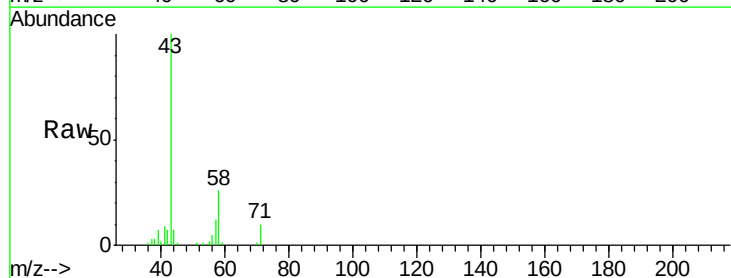
Delta R.T. -0.00 min

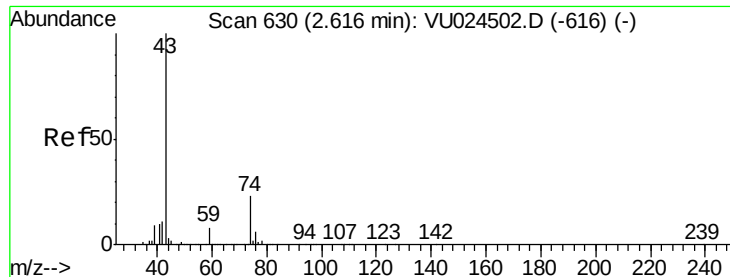
Lab File: VU025172.D

Acq: 03 Jul 2018 04:14

Tgt Ion: 43 Resp: 43012

Ion	Ratio	Lower	Upper
43	100		
58	26.1	24.4	36.6

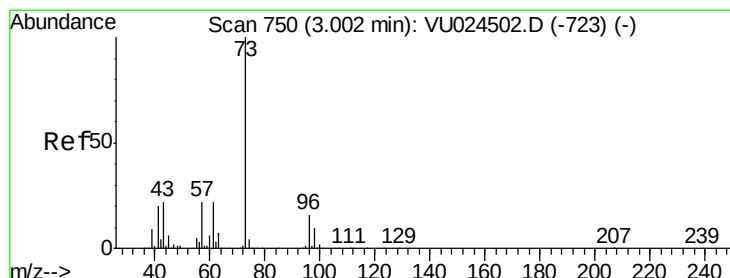
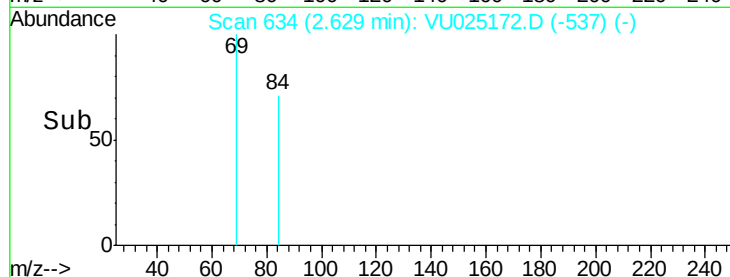
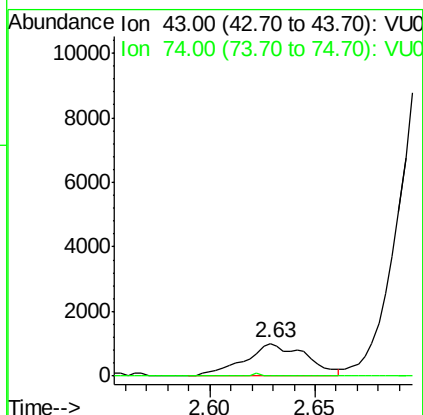
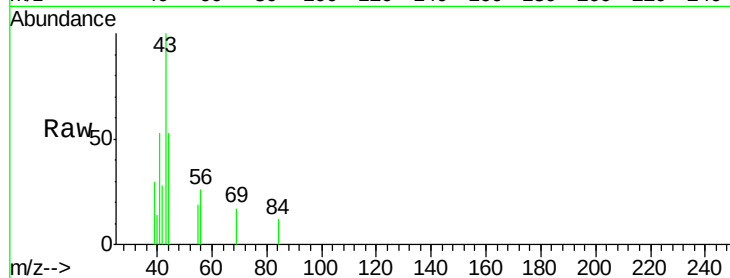




#18
Methyl Acetate
Concen: 0.547 ug/l
RT: 2.63 min Scan# 634
Delta R.T. 0.01 min
Lab File: VU025172.D
Acq: 03 Jul 2018 04:14

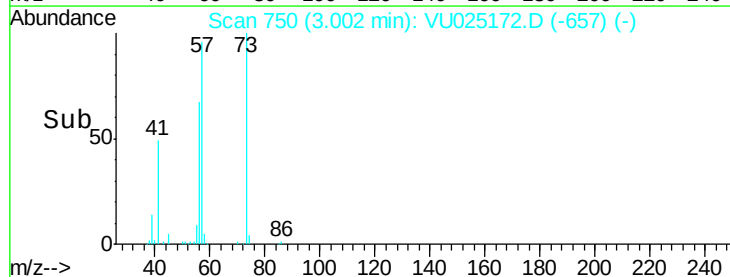
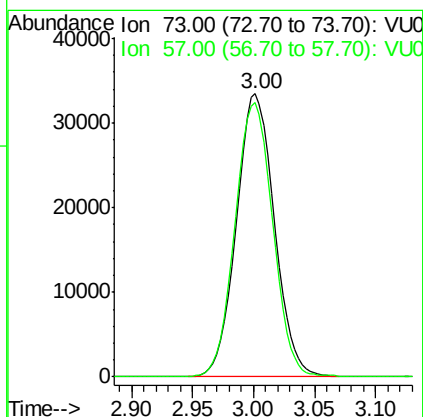
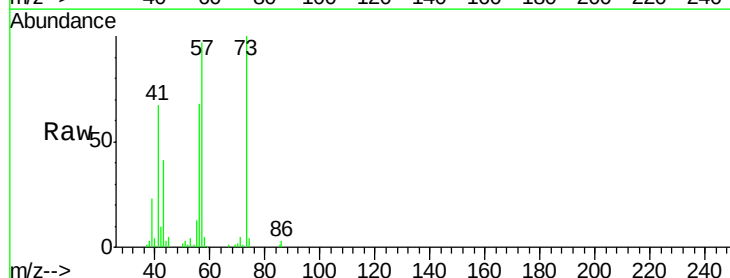
Instrument :
MSVOA_U
ClientSampleId :
MW-1-062818

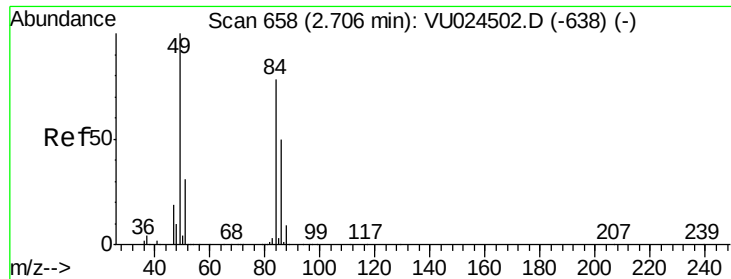
Tot Ion: 43 Resp: 2060
Ion Ratio Lower Upper
43 100
74 1.0 18.0 27.0#



#19
Methyl tert-butyl Ether
Concen: 8.423 ug/l
RT: 3.00 min Scan# 750
Delta R.T. 0.00 min
Lab File: VU025172.D
Acq: 03 Jul 2018 04:14

Tgt Ion: 73 Resp: 72253
Ion Ratio Lower Upper
73 100
57 97.1 18.8 28.2#

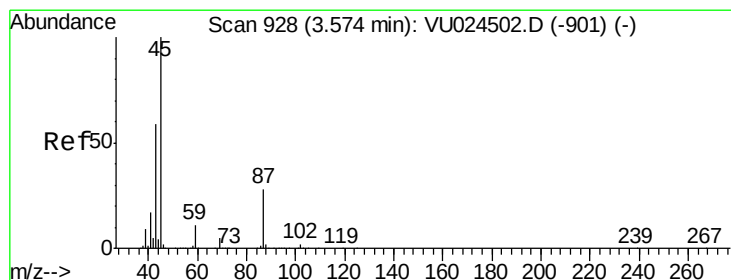
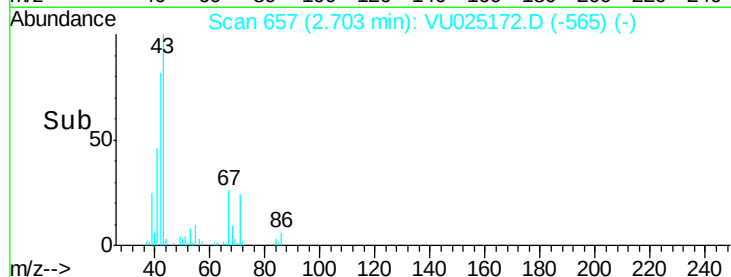
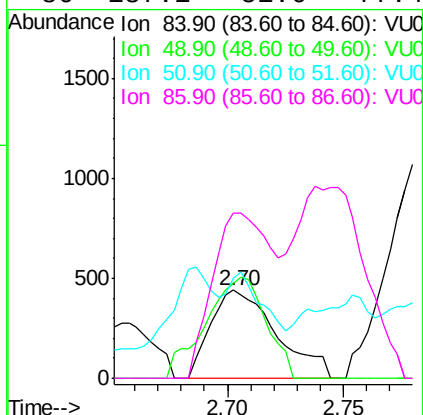
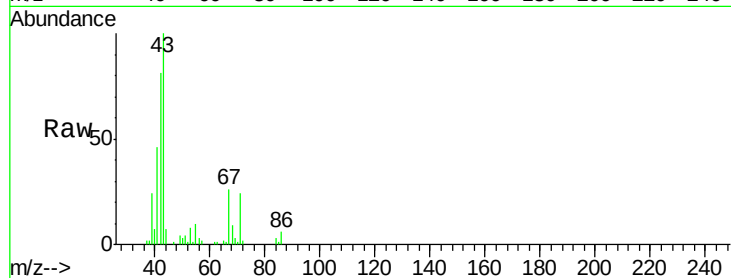




#20
Methylene Chloride
Concen: 0.314 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU025172.D
Acq: 03 Jul 2018 04:14

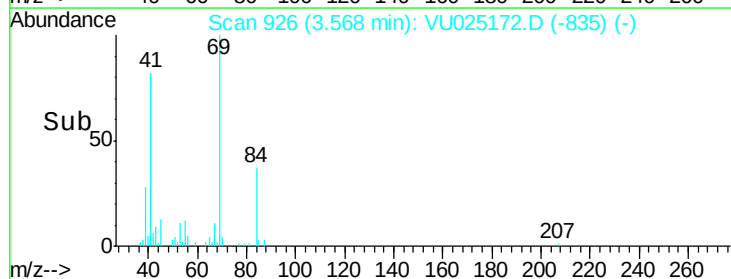
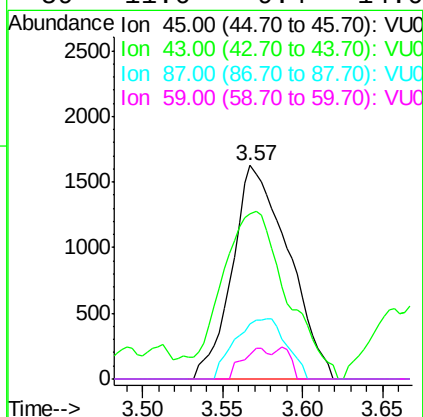
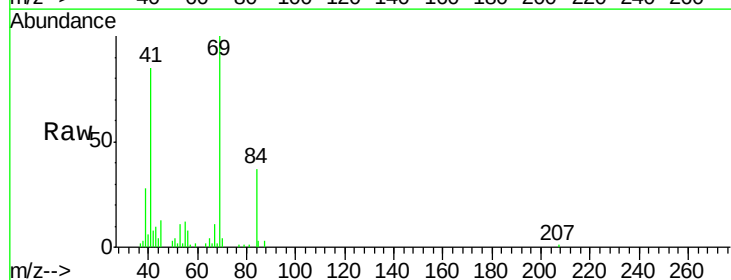
Instrument :
MSVOA_U
ClientSampleId :
MW-1-062818

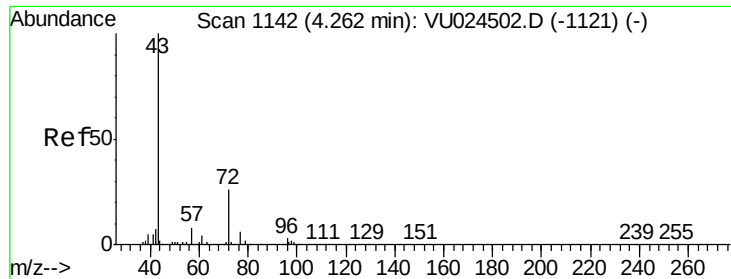
Tot Ion: 84 Resp: 866
Ion Ratio Lower Upper
84 100
49 107.0 103.8 155.8
51 32.4 32.0 48.0
86 187.1 51.6 77.4#



#22
Diisopropyl ether
Concen: 0.466 ug/l
RT: 3.57 min Scan# 926
Delta R.T. -0.01 min
Lab File: VU025172.D
Acq: 03 Jul 2018 04:14

Tgt Ion: 45 Resp: 3914
Ion Ratio Lower Upper
45 100
43 77.3 45.8 68.6#
87 25.8 20.6 31.0
59 11.6 9.4 14.0

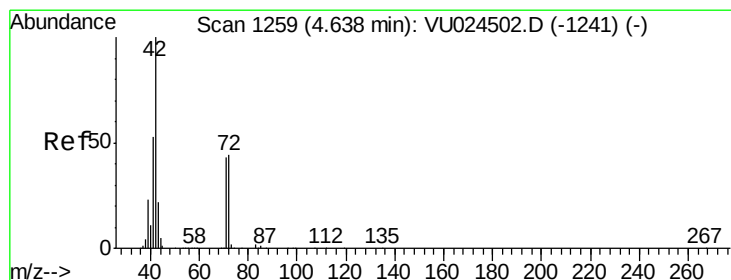
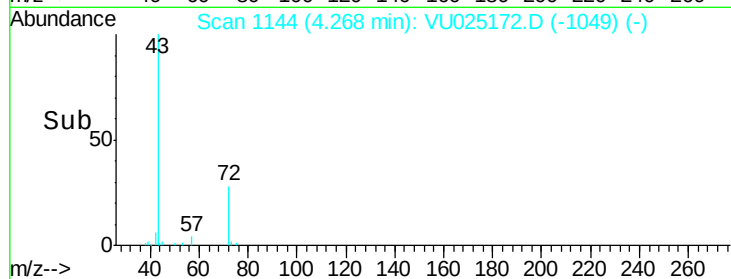
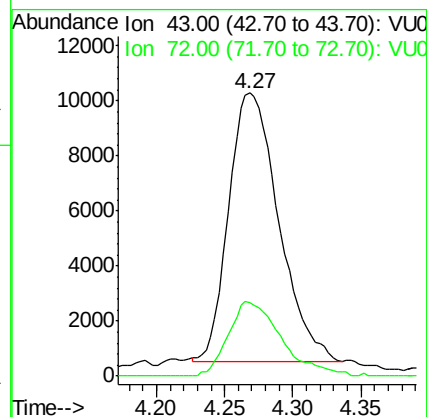
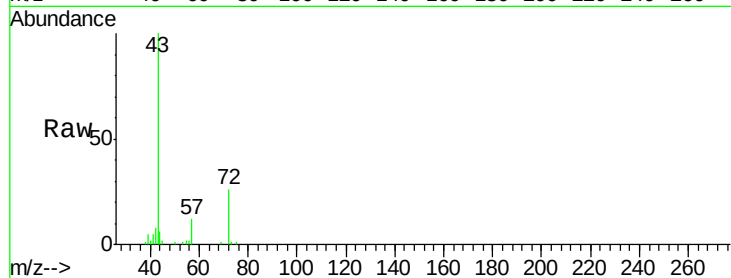




#25
2-Butanone
Concen: 10.490 ug/l
RT: 4.27 min Scan# 1144
Delta R.T. 0.01 min
Lab File: VU025172.D
Acq: 03 Jul 2018 04:14

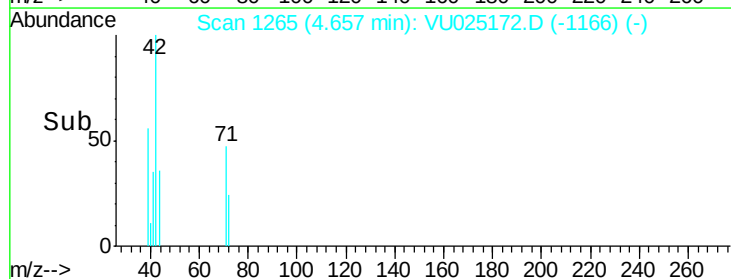
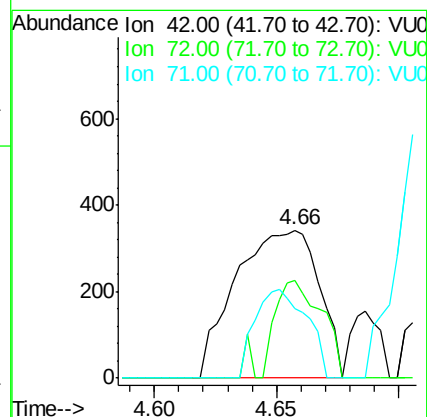
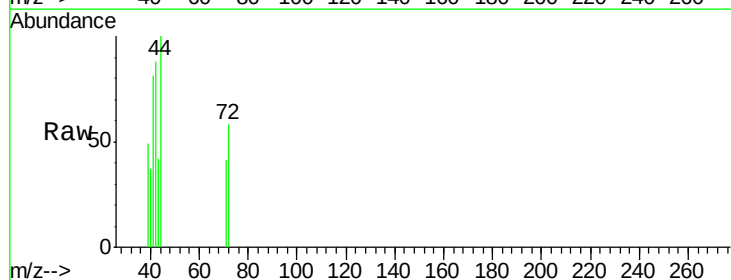
Instrument :
MSVOA_U
ClientSampleId :
MW-1-062818

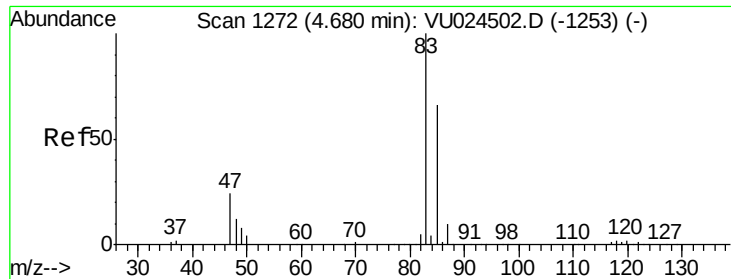
Tot Ion: 43 Resp: 24770
Ion Ratio Lower Upper
43 100
72 27.2 19.6 29.4



#29
Tetrahydrofuran
Concen: 0.554 ug/l
RT: 4.66 min Scan# 1265
Delta R.T. 0.02 min
Lab File: VU025172.D
Acq: 03 Jul 2018 04:14

Tgt Ion: 42 Resp: 810
Ion Ratio Lower Upper
42 100
72 36.7 34.5 51.7
71 36.9 32.2 48.4

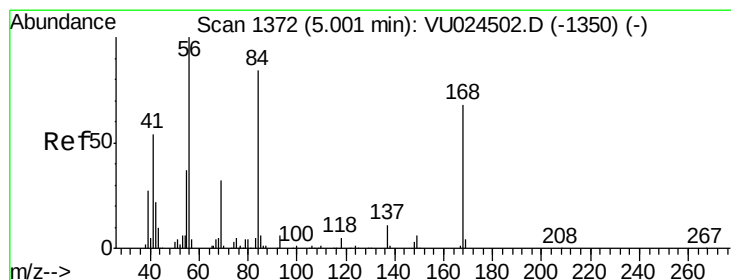
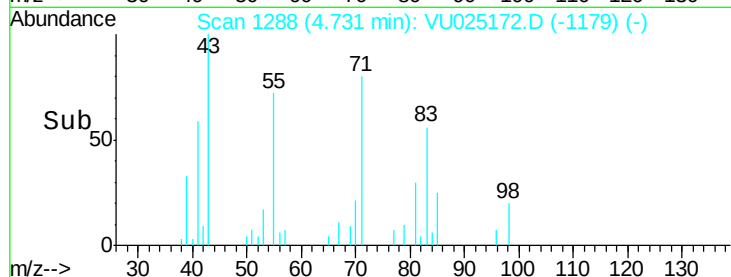
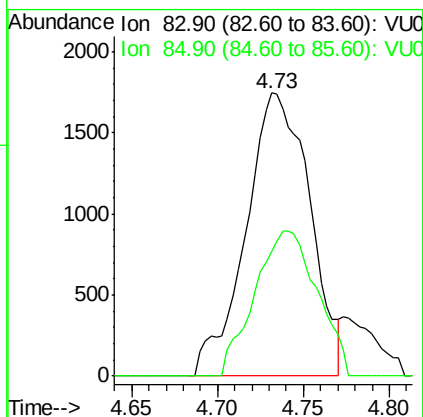
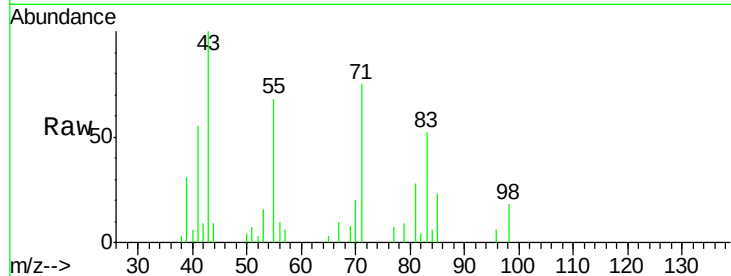




#30
Chloroform
Concen: 0.922 ug/l
RT: 4.73 min Scan# 1288
Delta R.T. 0.05 min
Lab File: VU025172.D
Acq: 03 Jul 2018 04:14

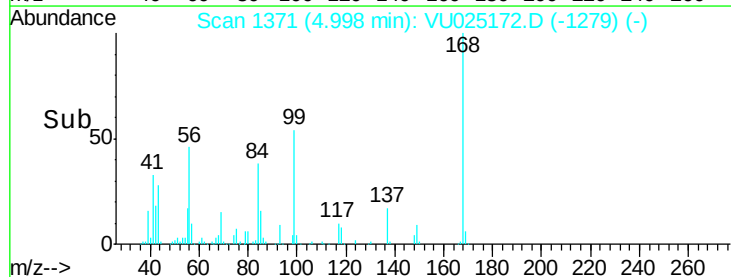
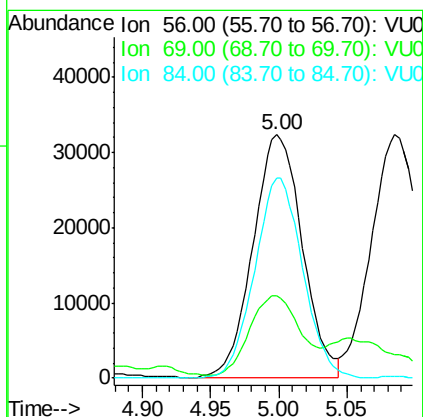
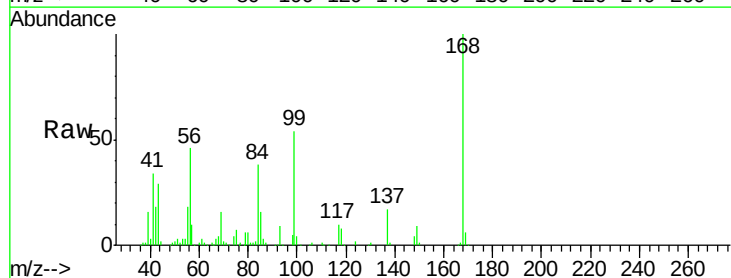
Instrument :
MSVOA_U
ClientSampleId :
MW-1-062818

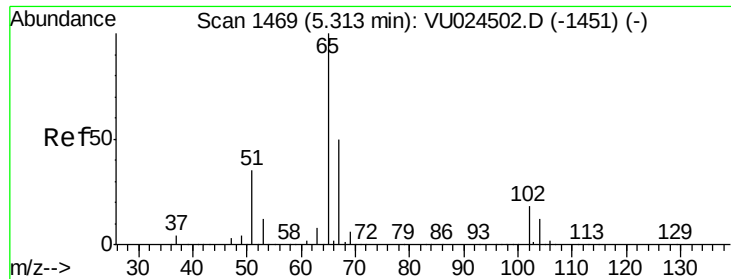
Tot Ion: 83 Resp: 4508
Ion Ratio Lower Upper
83 100
85 44.3 52.4 78.6#



#31
Cyclohexane
Concen: 17.522 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU025172.D
Acq: 03 Jul 2018 04:14

Tgt Ion: 56 Resp: 80686
Ion Ratio Lower Upper
56 100
69 31.9 24.8 37.2
84 82.6 65.2 97.8

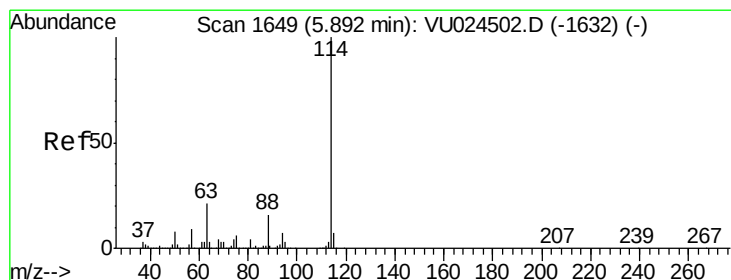
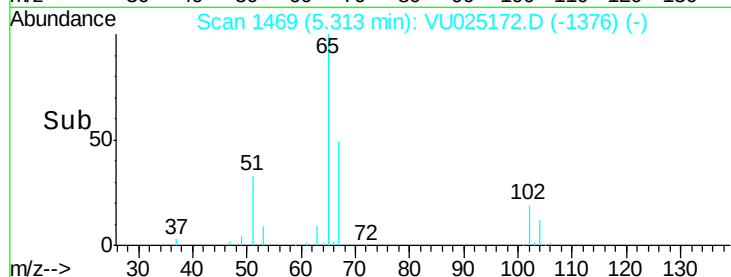
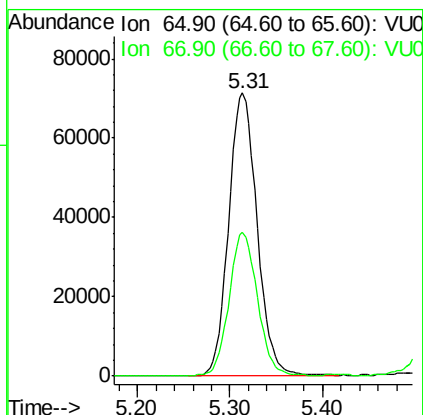
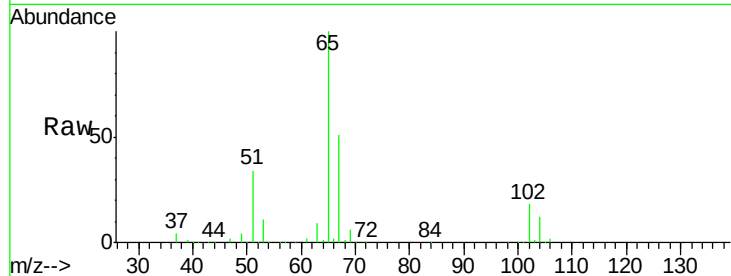




#33
 1,2-Dichloroethane-d4
 Concen: 46.630 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025172.D
 Acq: 03 Jul 2018 04:14

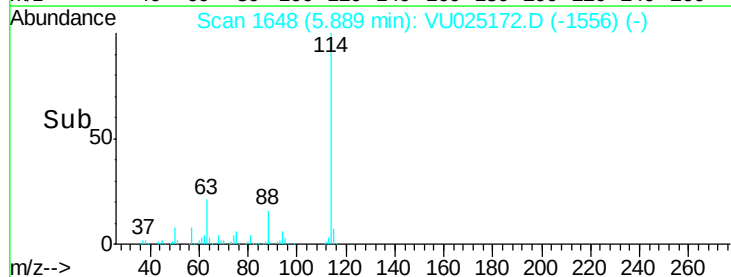
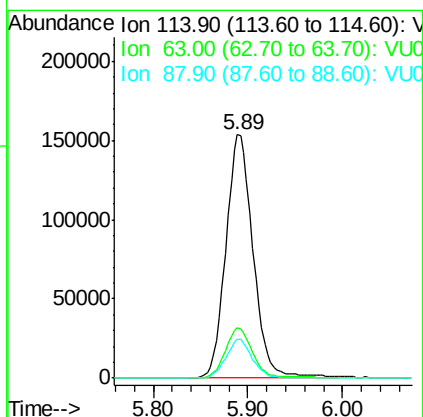
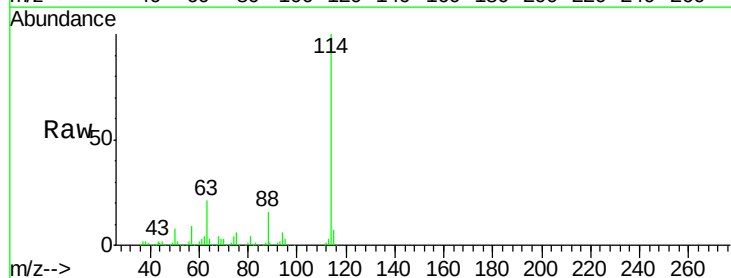
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1-062818

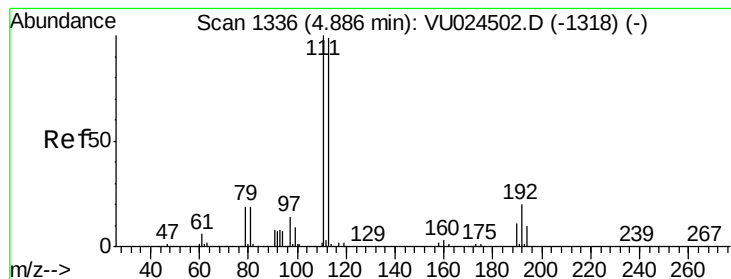
Tot Ion: 65 Resp: 152562
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU025172.D
 Acq: 03 Jul 2018 04:14

Tgt Ion: 114 Resp: 307139
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 45.4
 88 16.0 0.0 31.0





#35

Dibromofluoromethane

Concen: 46.035 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU025172.D

Acq: 03 Jul 2018 04:14

Instrument :

MSVOA_U

ClientSampleId :

MW-1-062818

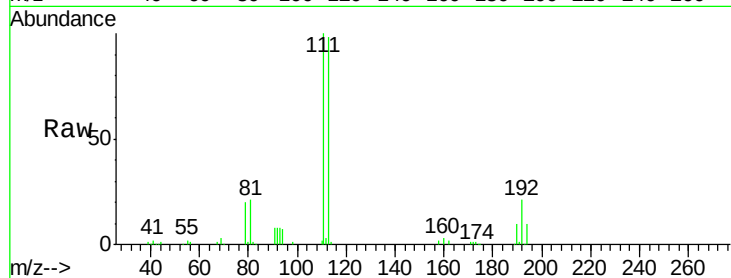
Tot Ion:113 Resp: 117343

Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.4

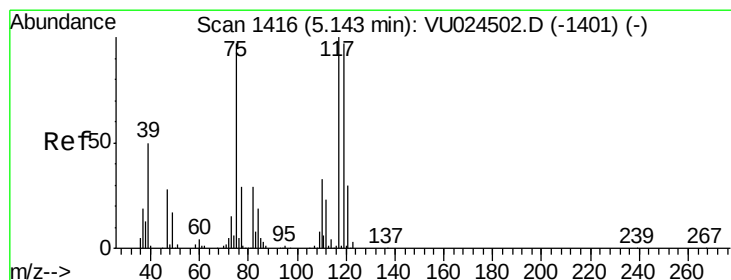
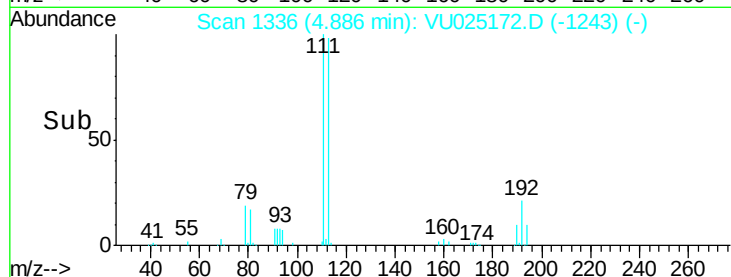
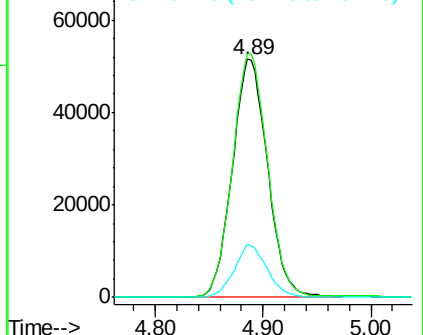
192 20.5 16.2 24.4



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: 4.134 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.16 min

Lab File: VU025172.D

Acq: 03 Jul 2018 04:14

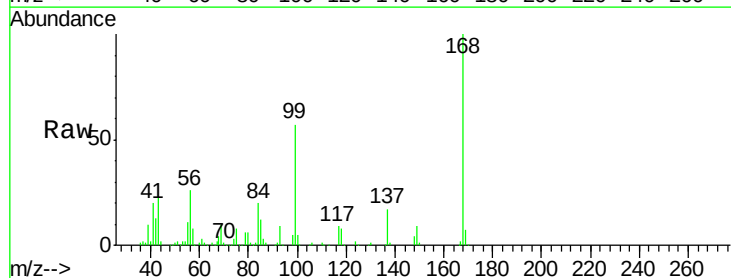
Tgt Ion: 75 Resp: 14919

Ion Ratio Lower Upper

75 100

110 8.2 17.0 50.9#

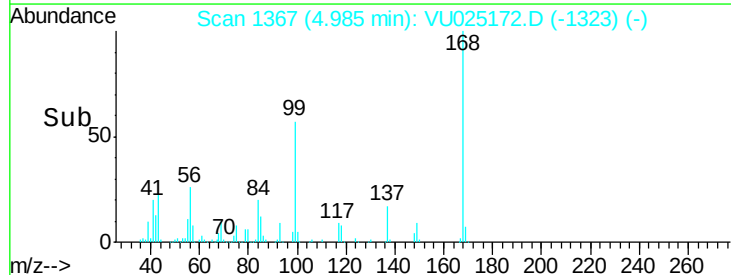
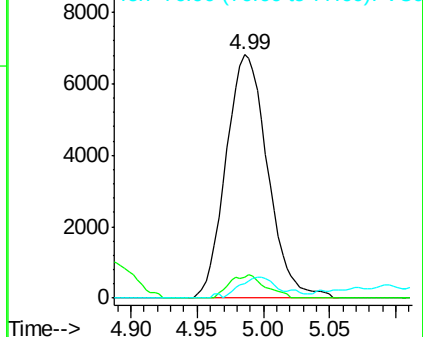
77 0.0 24.2 36.4#

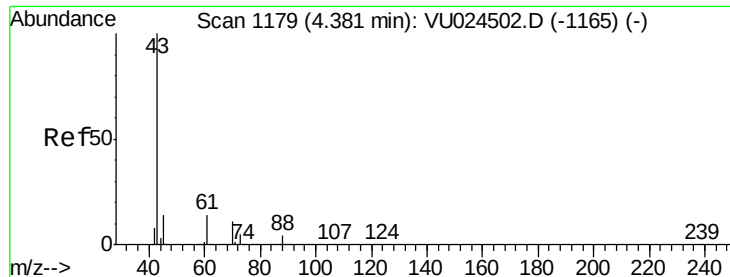


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

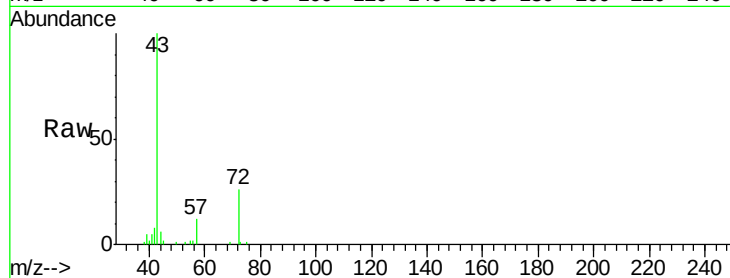




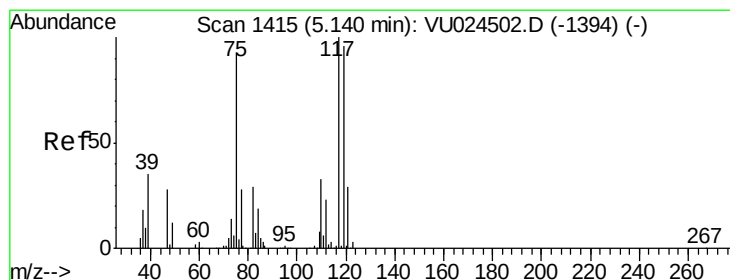
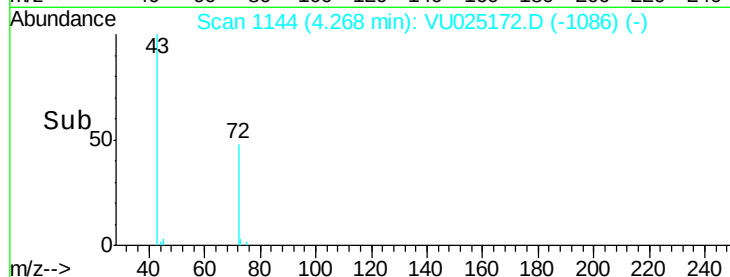
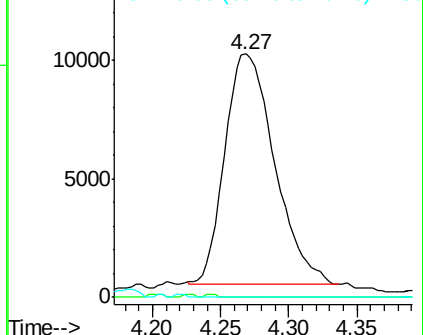
#37
Ethyl Acetate
Concen: 6.297 ug/l
RT: 4.27 min Scan# 1144
Delta R.T. -0.11 min
Lab File: VU025172.D
Acq: 03 Jul 2018 04:14

Instrument :
MSVOA_U
ClientSampleId :
MW-1-062818

Tot Ion	43	Resp	24770
Ion Ratio	100		
Lower	10.5		
Upper	15.7#		
70	0.0	7.4	11.2#

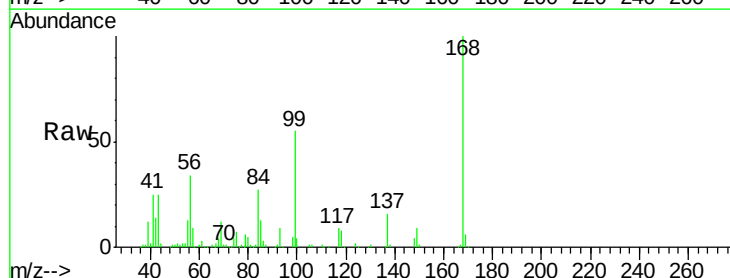


Abundance Ion 43.00 (42.70 to 43.70): VU025172.D (-1144) (-)

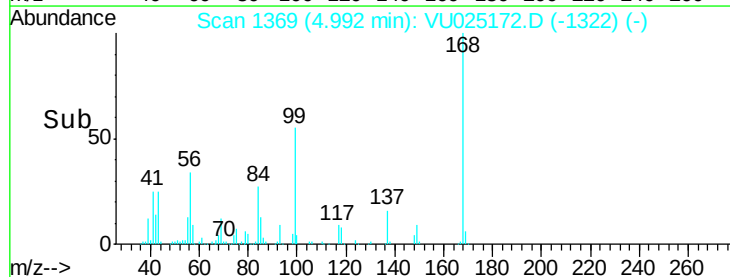
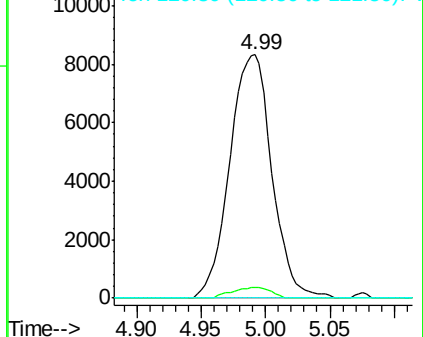


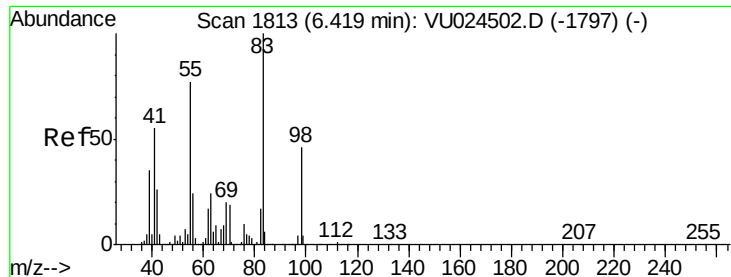
#38
Carbon Tetrachloride
Concen: 4.751 ug/l
RT: 4.99 min Scan# 1369
Delta R.T. -0.15 min
Lab File: VU025172.D
Acq: 03 Jul 2018 04:14

Tgt Ion	117	Resp	18854
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower	76.1		
Upper	114.1#		
119	4.6	23.7	35.5#



Abundance Ion 116.80 (116.50 to 117.50): VU025172.D (-1369) (-)

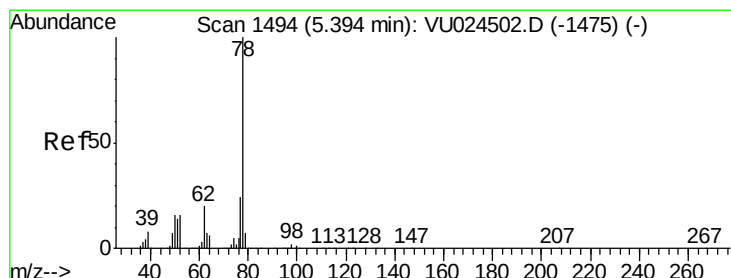
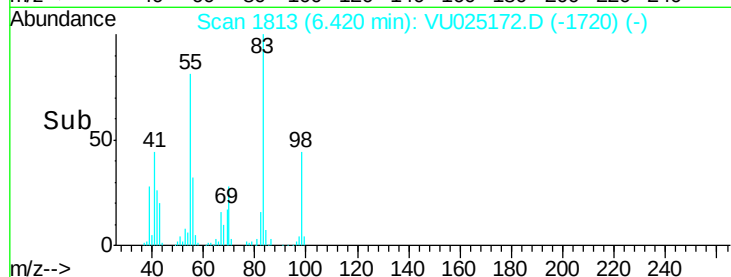
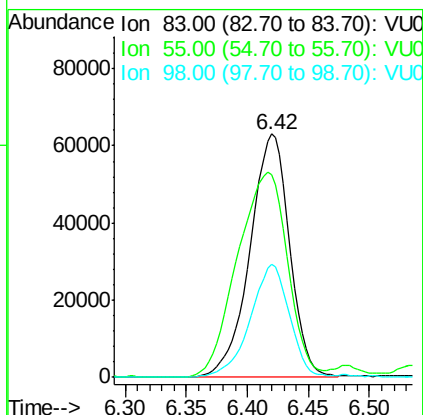
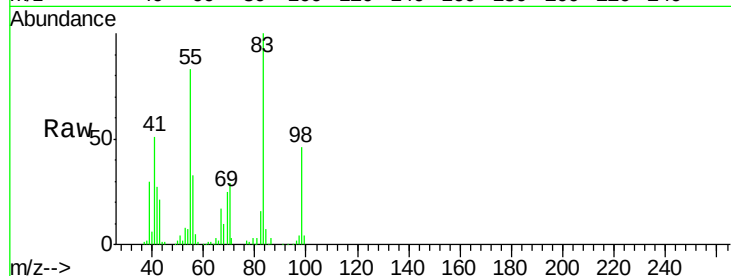




#39
Methvlcvclohexane
Concen: 31.542 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025172.D
Acq: 03 Jul 2018 04:14

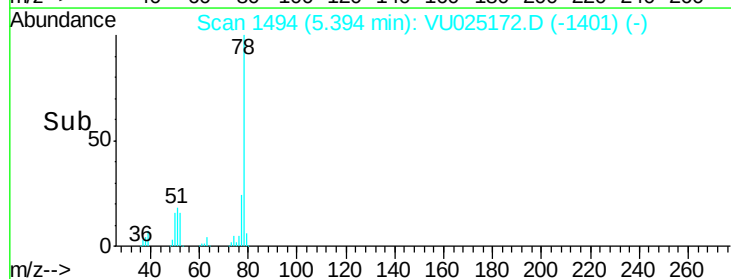
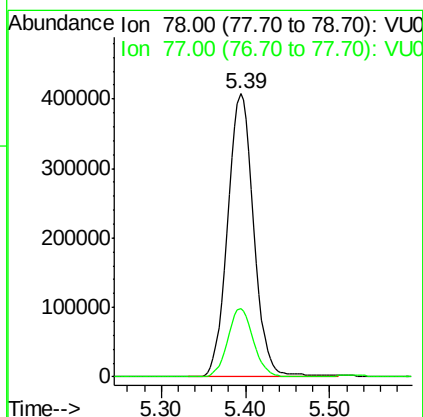
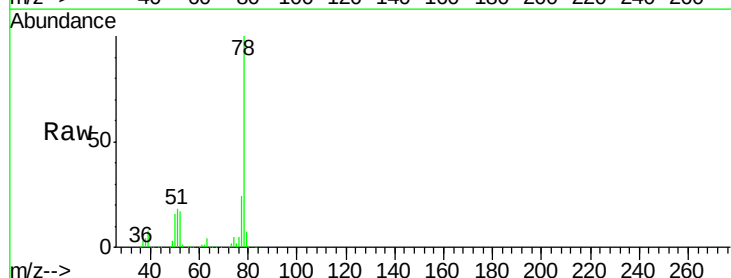
Instrument :
MSVOA_U
ClientSampleId :
MW-1-062818

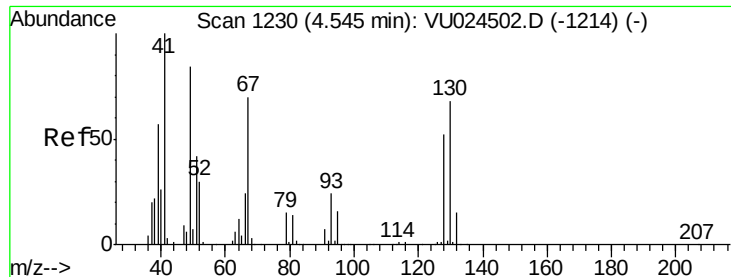
Tot Ion: 83 Resp: 142062
Ion Ratio Lower Upper
83 100
55 83.0 65.8 98.6
98 46.4 36.7 55.1



#40
Benzene
Concen: 85.335 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU025172.D
Acq: 03 Jul 2018 04:14

Tgt Ion: 78 Resp: 877584
Ion Ratio Lower Upper
78 100
77 24.2 19.2 28.8

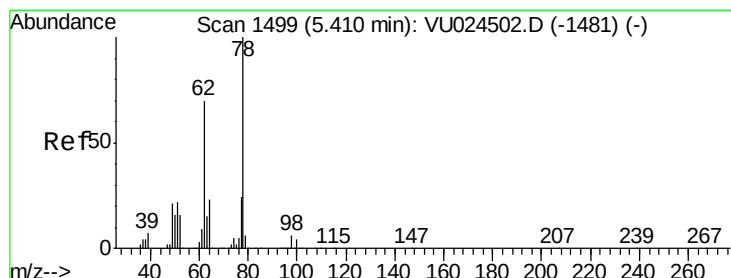
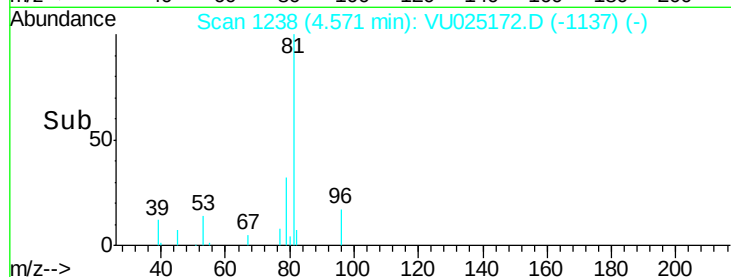
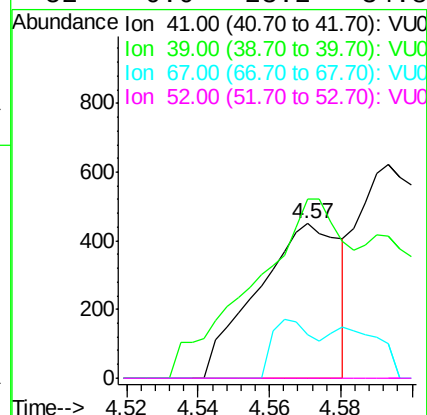
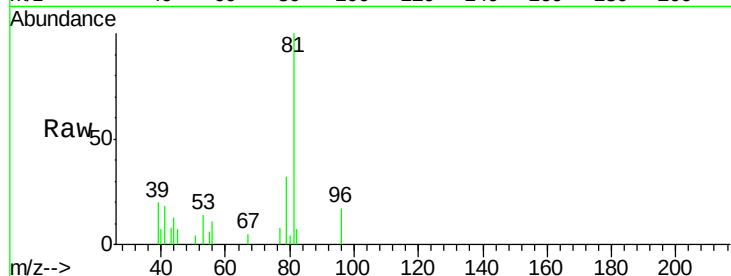




#41
Methacrylonitrile
Concen: 0.341 ug/l
RT: 4.57 min Scan# 1238
Delta R.T. 0.03 min
Lab File: VU025172.D
Acq: 03 Jul 2018 04:14

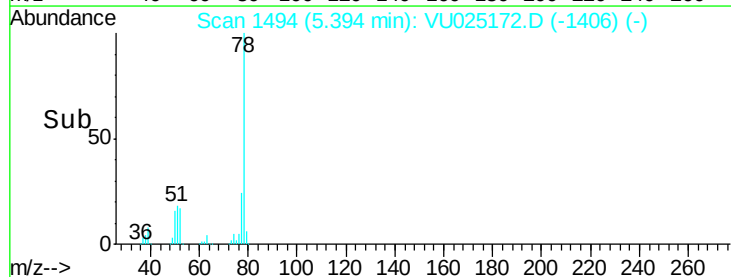
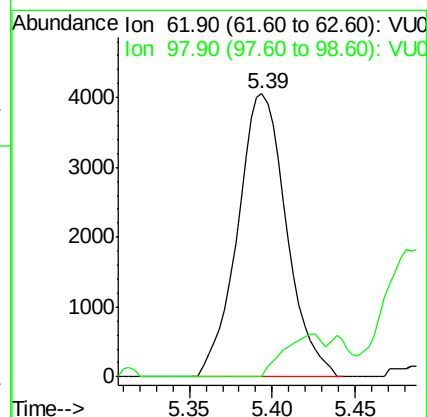
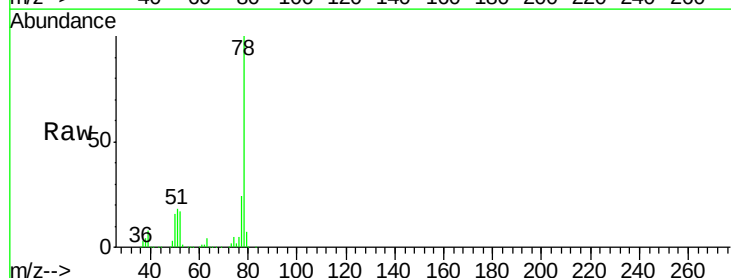
Instrument :
MSVOA_U
ClientSampleId :
MW-1-062818

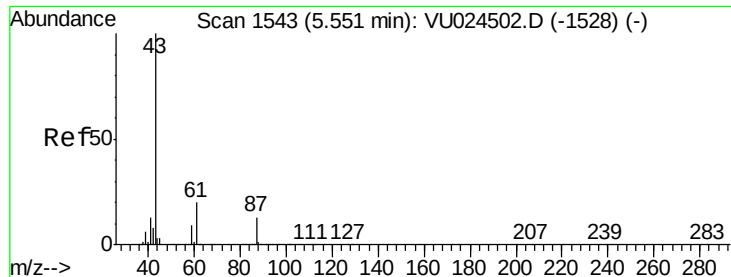
Tot Ion: 41 Resp: 723
Ion Ratio Lower Upper
41 100
39 130.6 43.8 65.6#
67 0.0 56.3 84.5#
52 0.0 23.2 34.8#



#42
1,2-Dichloroethane
Concen: 2.128 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. -0.02 min
Lab File: VU025172.D
Acq: 03 Jul 2018 04:14

Tgt Ion: 62 Resp: 8334
Ion Ratio Lower Upper
62 100
98 0.0 0.0 16.6





#43

Isopropyl Acetate

Concen: 6.344 ug/l

RT: 5.54 min Scan# 1539

Delta R.T. -0.01 min

Lab File: VU025172.D

Acq: 03 Jul 2018 04:14

Instrument :

MSVOA_U

ClientSampleId :

MW-1-062818

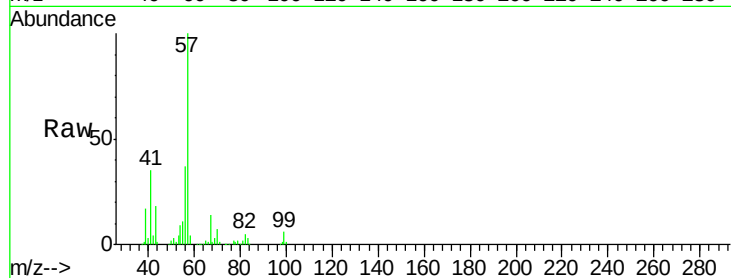
Tot Ion: 43 Resp: 43135

Ion Ratio Lower Upper

43 100

61 0.0 15.4 23.0#

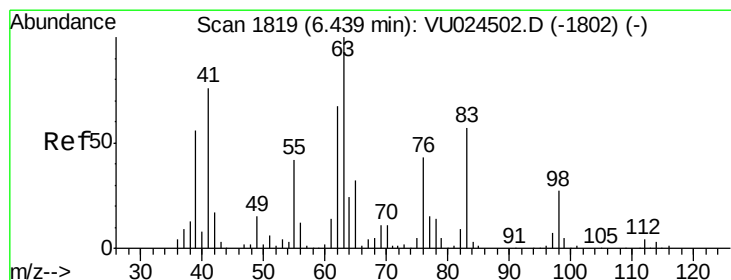
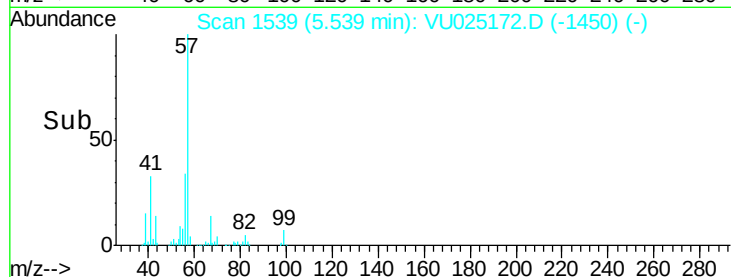
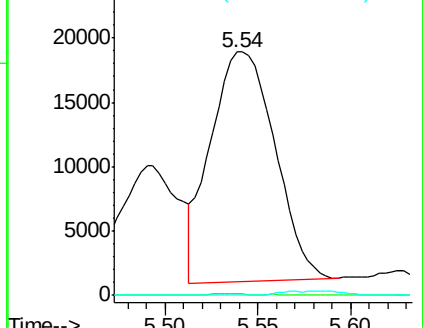
87 0.0 10.0 15.0#



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



#45

1,2-Dichloropropane

Concen: 0.825 ug/l

RT: 6.42 min Scan# 1812

Delta R.T. -0.02 min

Lab File: VU025172.D

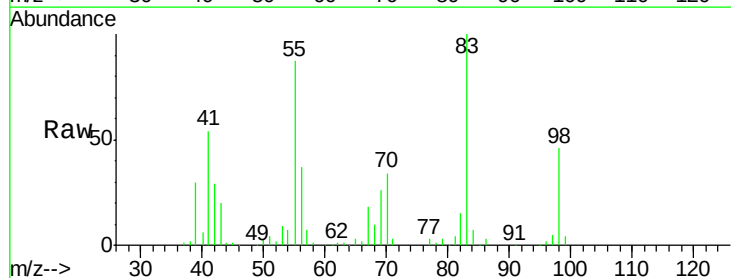
Acq: 03 Jul 2018 04:14

Tgt Ion: 63 Resp: 2265

Ion Ratio Lower Upper

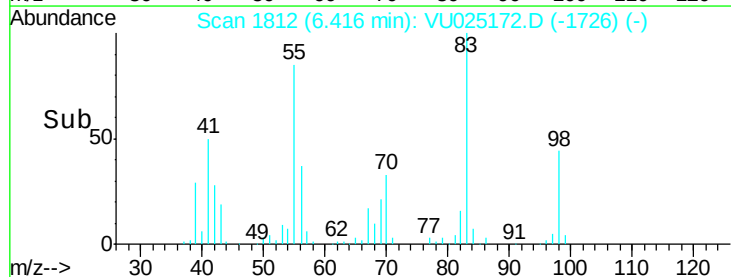
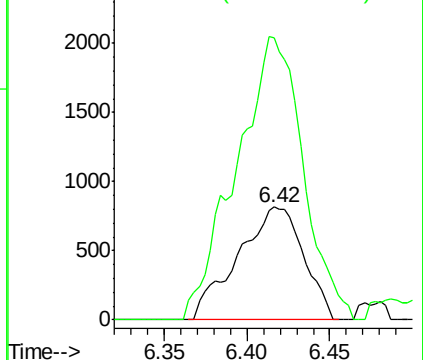
63 100

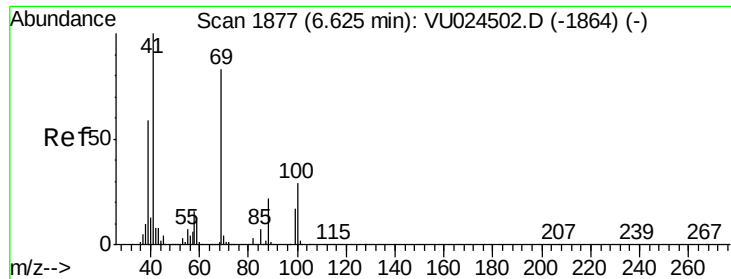
65 232.3 24.8 37.2#



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0





#48

Methyl methacrylate

Concen: 7.740 ug/l

RT: 6.65 min Scan# 1884

Delta R.T. 0.02 min

Lab File: VU025172.D

Acq: 03 Jul 2018 04:14

Instrument :

MSVOA_U

ClientSampleId :

MW-1-062818

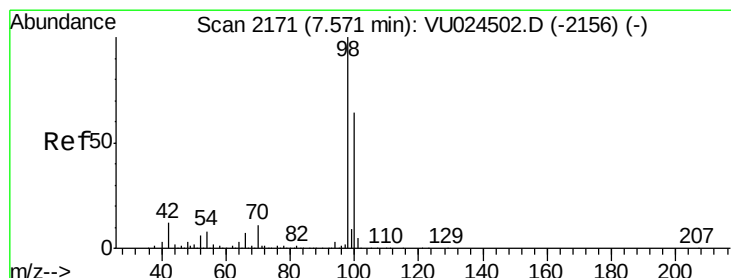
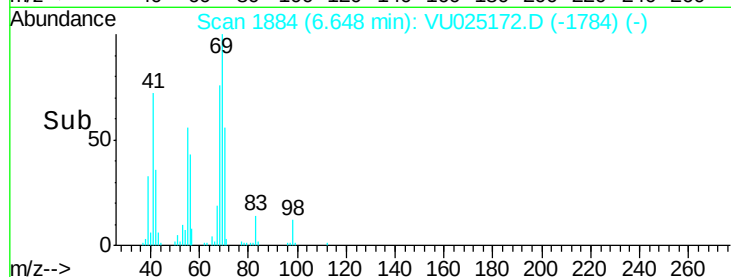
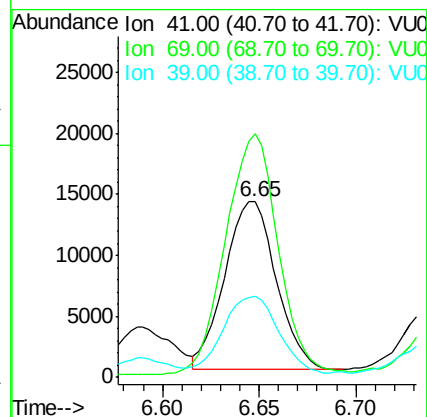
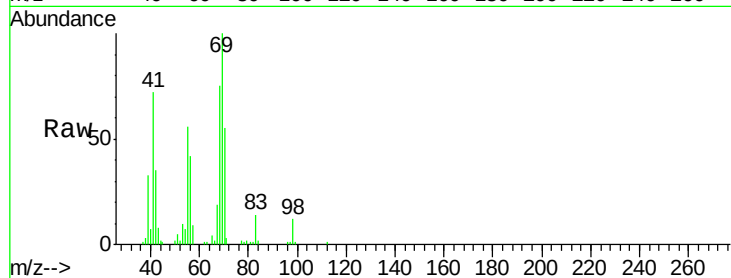
Tot Ion: 41 Resp: 25626

Ion Ratio Lower Upper

41 100

69 146.4 67.3 100.9#

39 47.9 46.5 69.7



#50

Toluene-d8

Concen: 48.517 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. 0.00 min

Lab File: VU025172.D

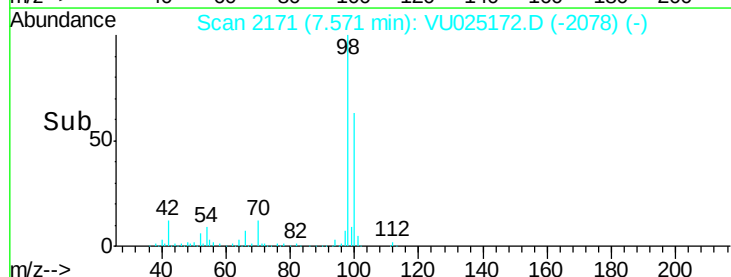
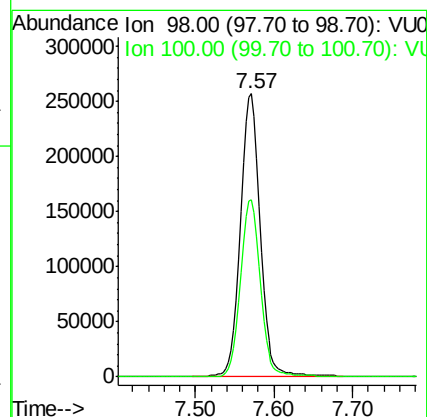
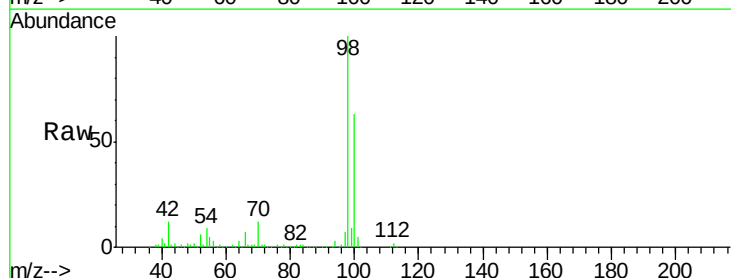
Acq: 03 Jul 2018 04:14

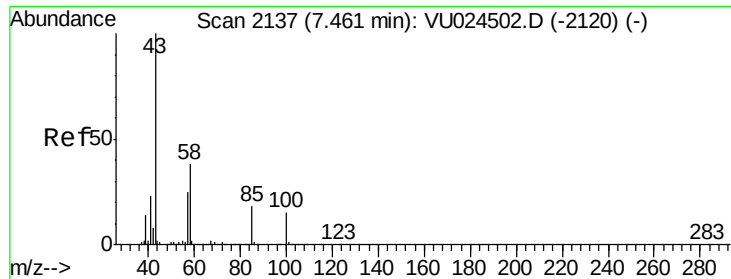
Tgt Ion: 98 Resp: 451102

Ion Ratio Lower Upper

98 100

100 62.9 51.1 76.7

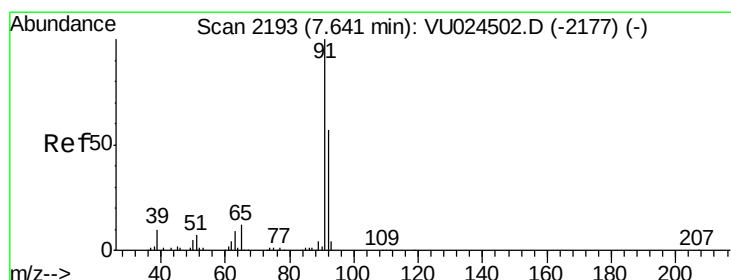
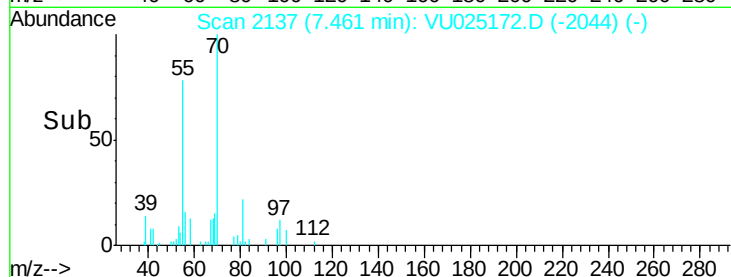
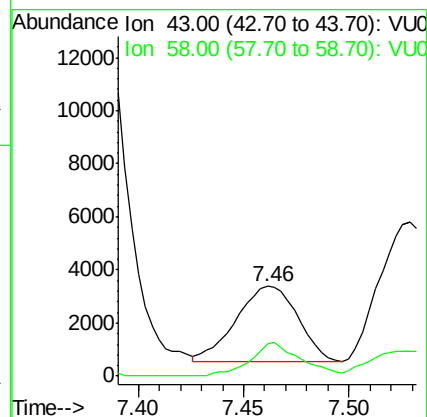
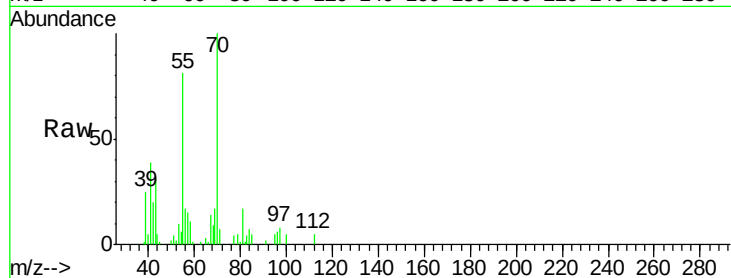




#51
 4-Methyl-2-Pentanone
 Concen: 1.336 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: VU025172.D
 Acq: 03 Jul 2018 04:14

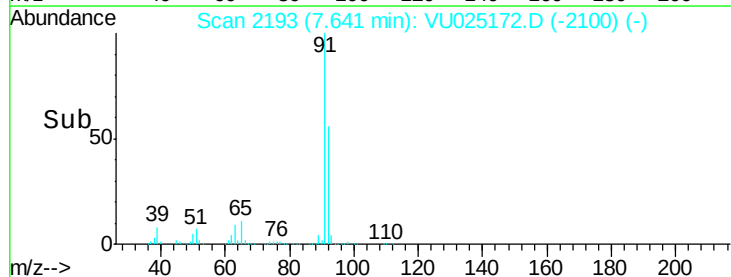
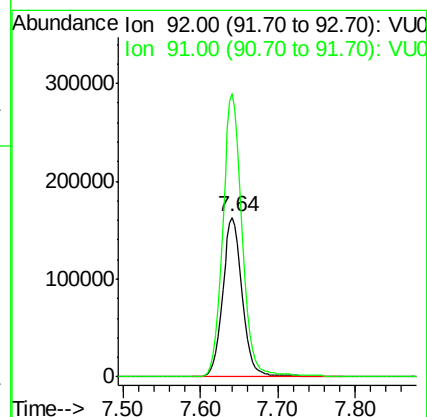
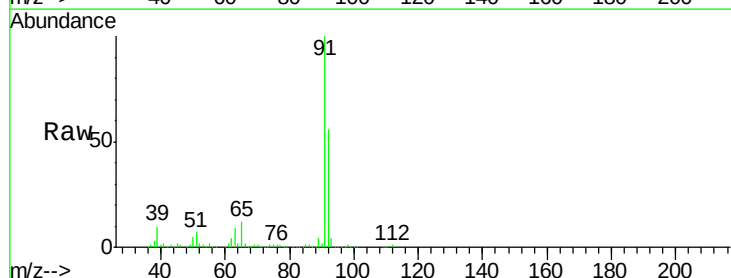
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1-062818

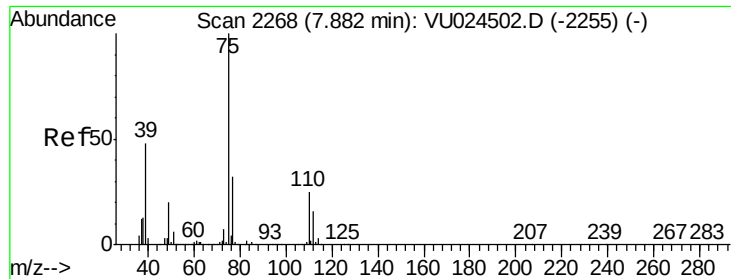
Tot Ion: 43 Resp: 5708
 Ion Ratio Lower Upper
 43 100
 58 36.8 30.0 45.0



#52
 Toluene
 Concen: 44.034 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VU025172.D
 Acq: 03 Jul 2018 04:14

Tgt Ion: 92 Resp: 291347
 Ion Ratio Lower Upper
 92 100
 91 176.0 140.5 210.7

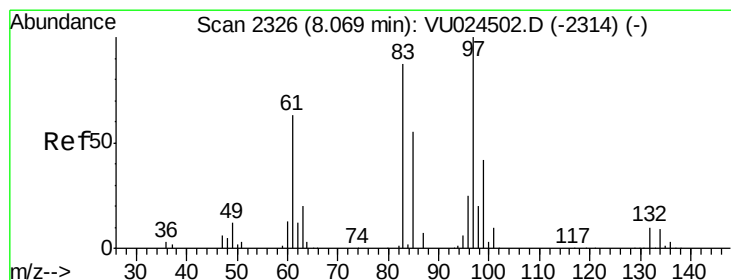
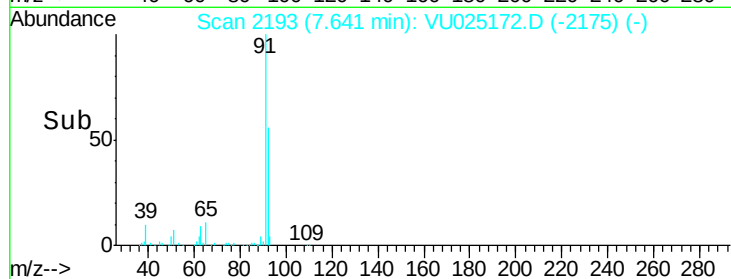
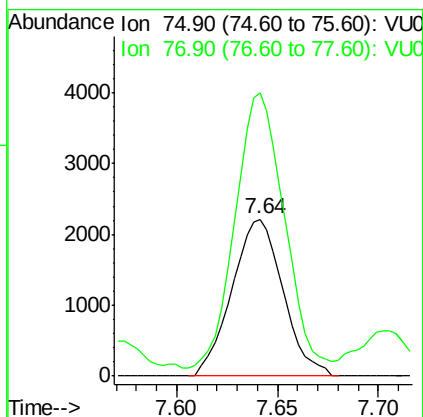
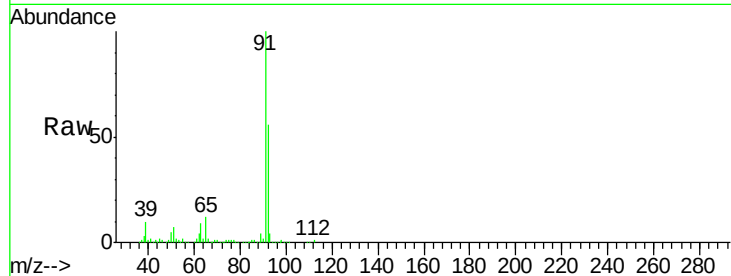




#53
t-1,3-Dichloropropene
Concen: 0.909 ug/l
RT: 7.64 min Scan# 2193
Delta R.T. -0.24 min
Lab File: VU025172.D
Acq: 03 Jul 2018 04:14

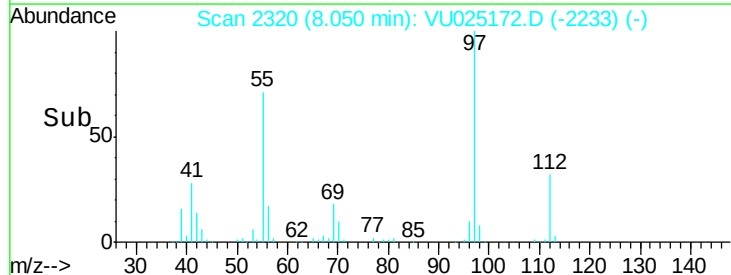
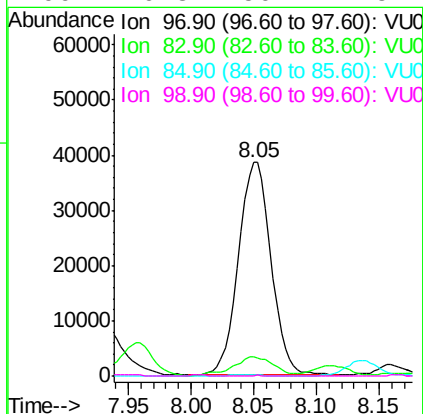
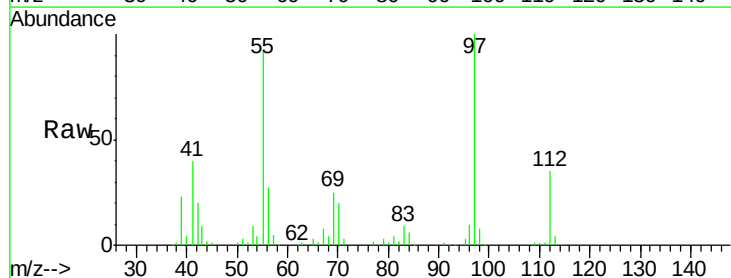
Instrument :
MSVOA_U
ClientSampleId :
MW-1-062818

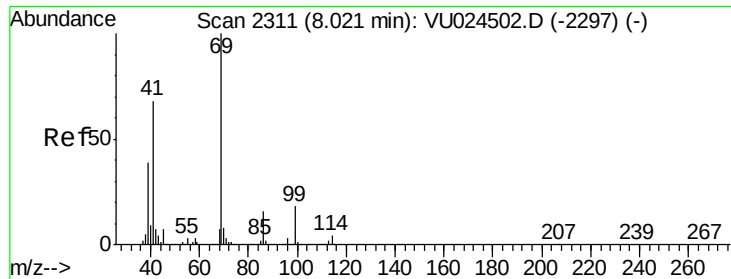
Tot Ion: 75 Resp: 3917
Ion Ratio Lower Upper
75 100
77 175.5 24.8 37.2#



#55
1,1,2-Trichloroethane
Concen: 25.975 ug/l
RT: 8.05 min Scan# 2320
Delta R.T. -0.02 min
Lab File: VU025172.D
Acq: 03 Jul 2018 04:14

Tgt Ion: 97 Resp: 69858
Ion Ratio Lower Upper
97 100
83 9.3 70.5 105.7#
85 0.4 46.4 69.6#
99 0.3 50.2 75.2#

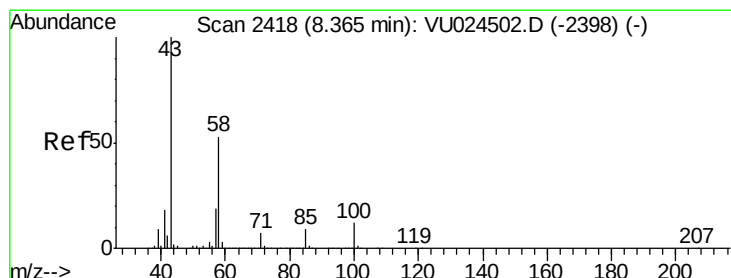
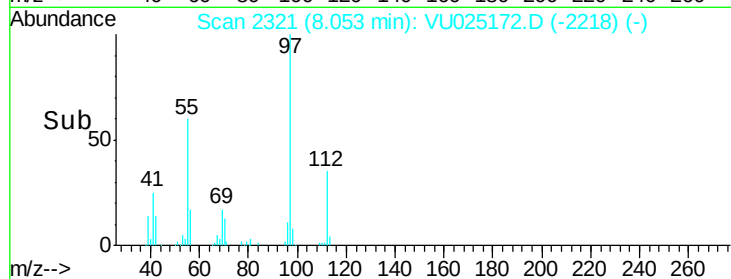
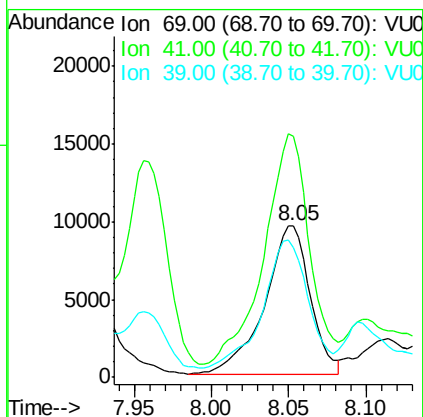
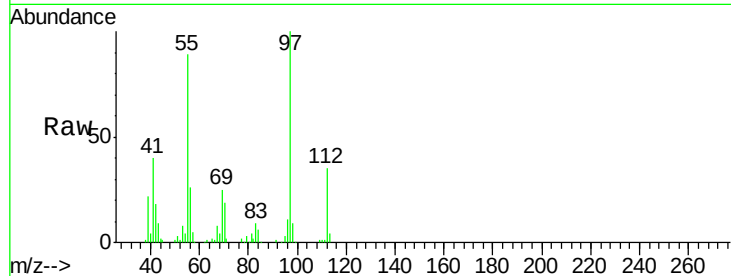




#56
Ethyl methacrylate
Concen: 4.316 ug/l
RT: 8.05 min Scan# 2321
Delta R.T. 0.03 min
Lab File: VU025172.D
Acq: 03 Jul 2018 04:14

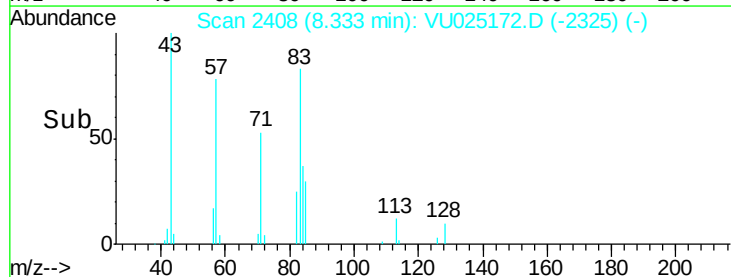
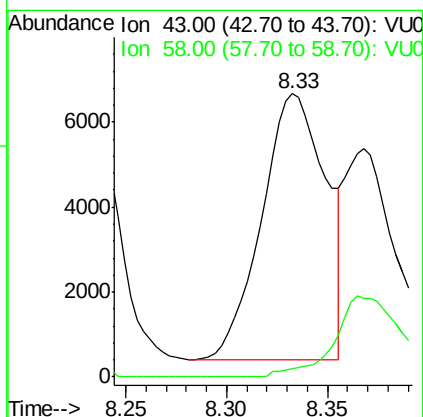
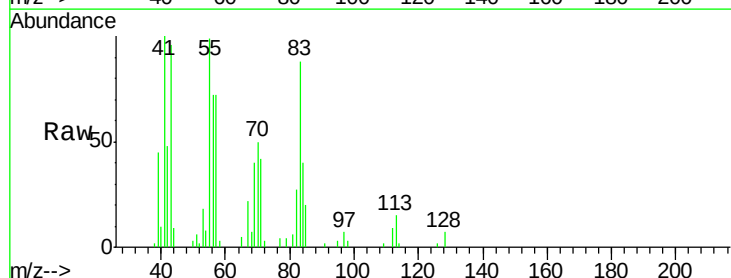
Instrument :
MSVOA_U
ClientSampleId :
MW-1-062818

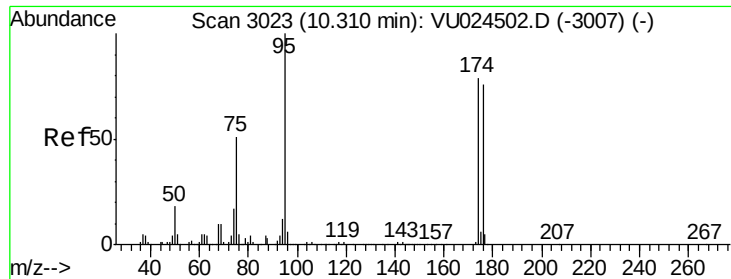
Tot Ion: 69 Resp: 19430
Ion Ratio Lower Upper
69 100
41 153.9 54.1 81.1#
39 85.3 30.3 45.5#



#59
2-Hexanone
Concen: 3.992 ug/l
RT: 8.33 min Scan# 2408
Delta R.T. -0.03 min
Lab File: VU025172.D
Acq: 03 Jul 2018 04:14

Tgt Ion: 43 Resp: 13921
Ion Ratio Lower Upper
43 100
58 0.0 26.4 79.0#

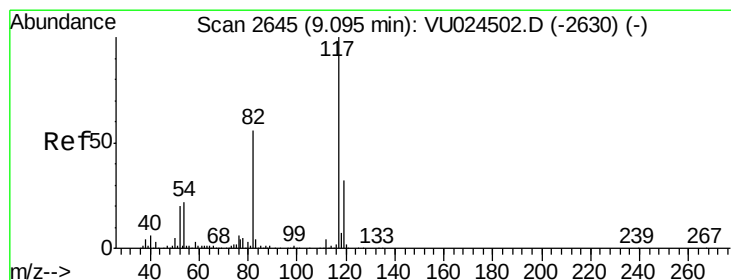
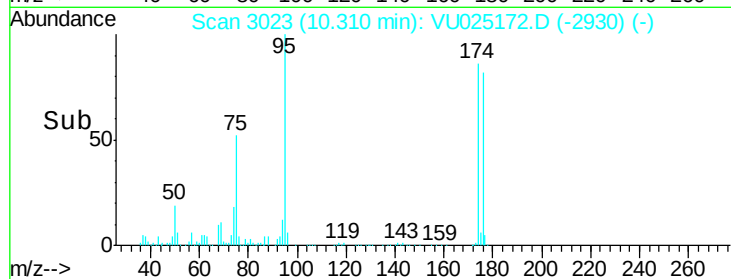
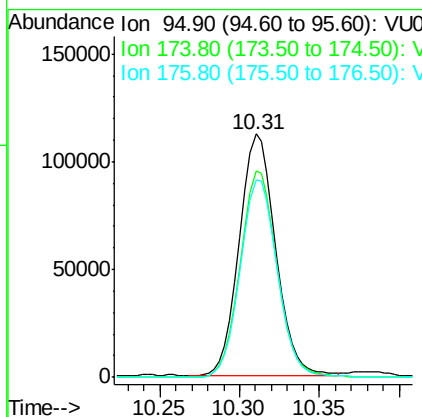
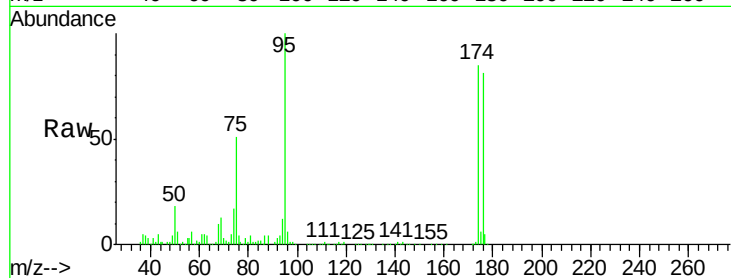




#62
4-Bromofluorobenzene
Concen: 46.784 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025172.D
Acq: 03 Jul 2018 04:14

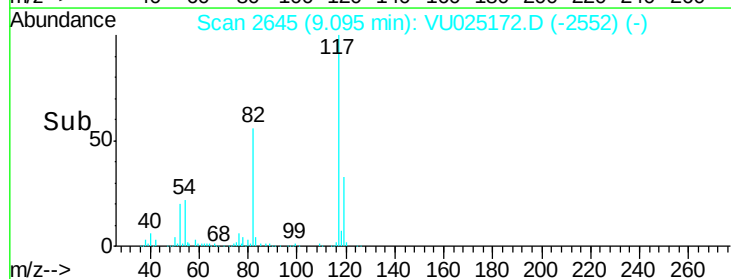
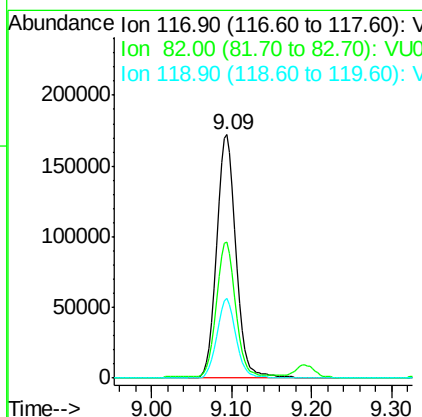
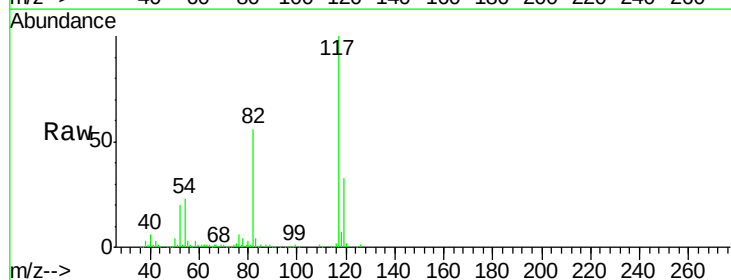
Instrument :
MSVOA_U
ClientSampleId :
MW-1-062818

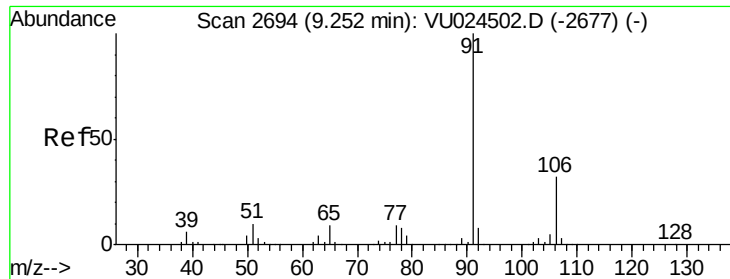
Tot Ion	Ratio	Lower	Upper
95	100		
174	87.0	0.0	165.8
176	84.1	0.0	159.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025172.D
Acq: 03 Jul 2018 04:14

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.3	44.3	66.5
119	32.7	25.4	38.2





#67

Ethyl Benzene

Concen: 870.093 ug/l

RT: 9.26 min Scan# 2696

Delta R.T. 0.01 min

Lab File: VU025172.D

Acq: 03 Jul 2018 04:14

Instrument :

MSVOA_U

ClientSampleId :

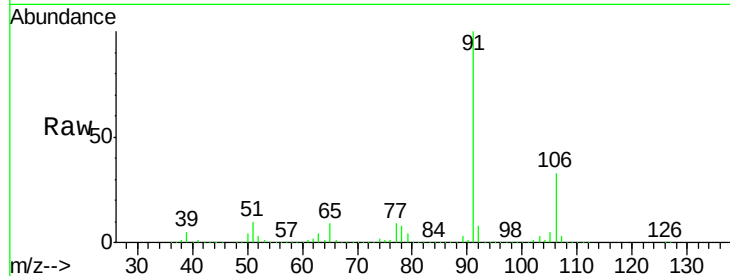
MW-1-062818

Tot Ion: 91 Resp: 11295988

Ion Ratio Lower Upper

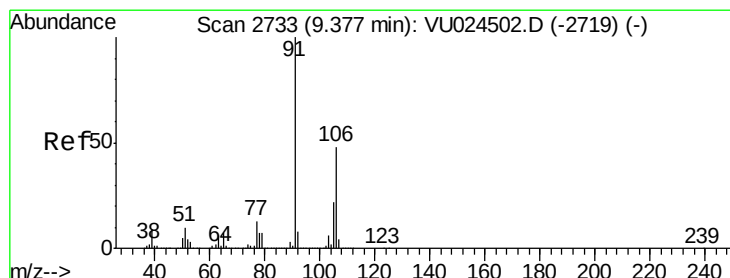
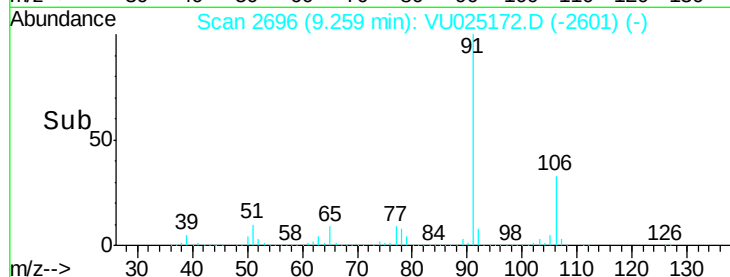
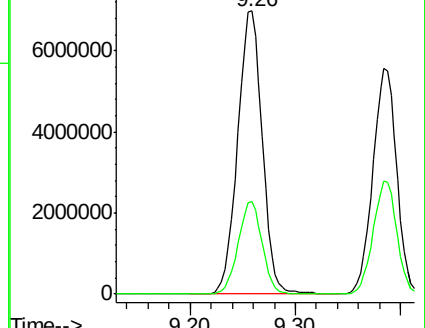
91 100

106 32.5 24.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VU025172.D (-2601) (-)

Ion 106.00 (105.70 to 106.70): VU025172.D (-2601) (-)



#68

m/p-Xylenes

Concen: 877.638 ug/l

RT: 9.38 min Scan# 2735

Delta R.T. 0.01 min

Lab File: VU025172.D

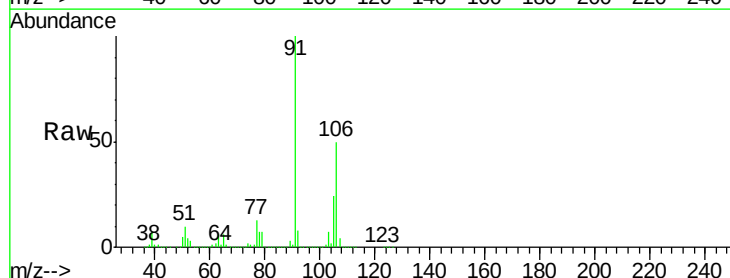
Acq: 03 Jul 2018 04:14

Tgt Ion: 106 Resp: 4375269

Ion Ratio Lower Upper

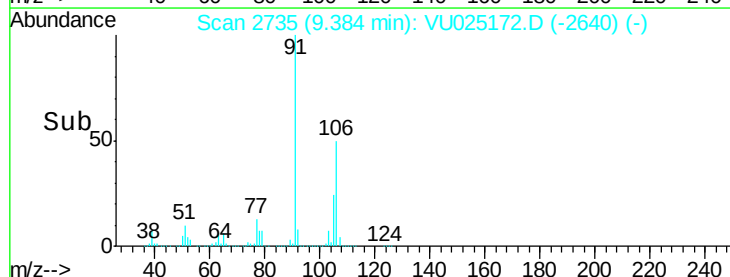
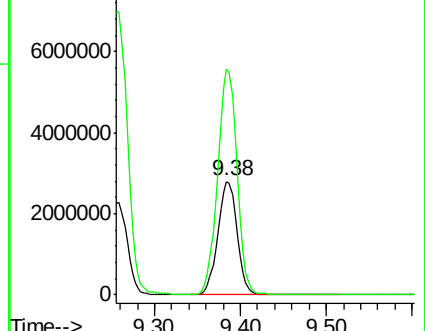
106 100

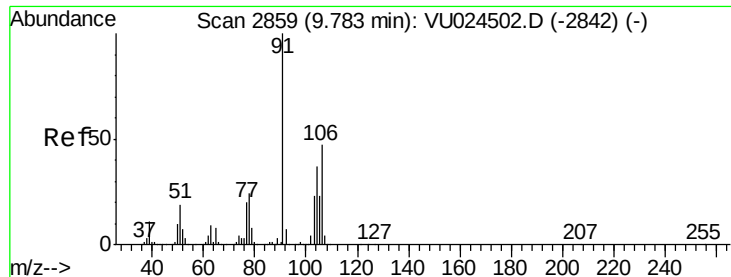
91 201.0 166.5 249.7



Abundance Ion 106.00 (105.70 to 106.70): VU025172.D (-2640) (-)

Ion 91.00 (90.70 to 91.70): VU025172.D (-2640) (-)

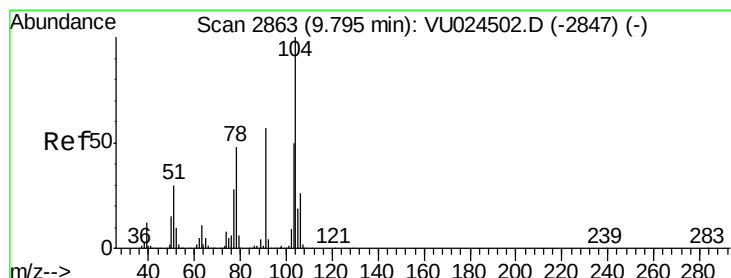
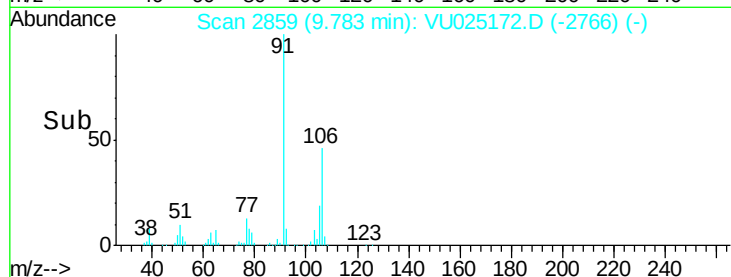
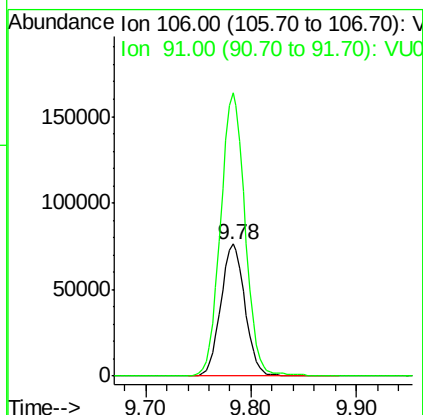
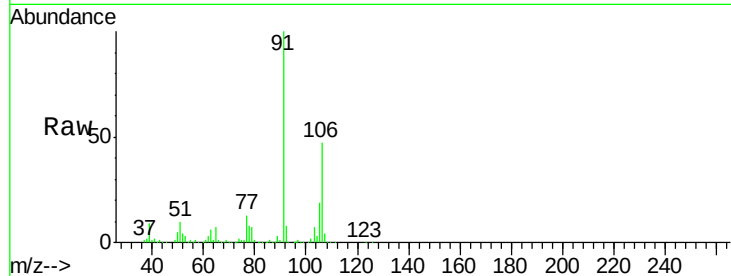




#69
o-Xylene
Concen: 24.593 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025172.D
Acq: 03 Jul 2018 04:14

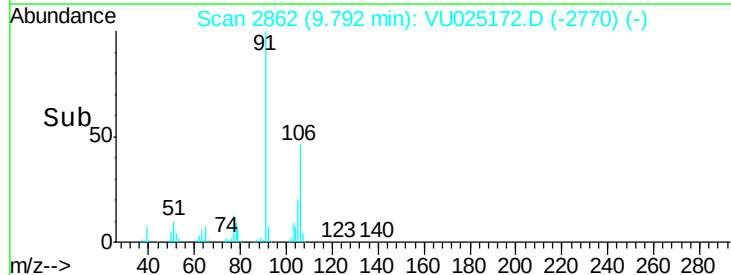
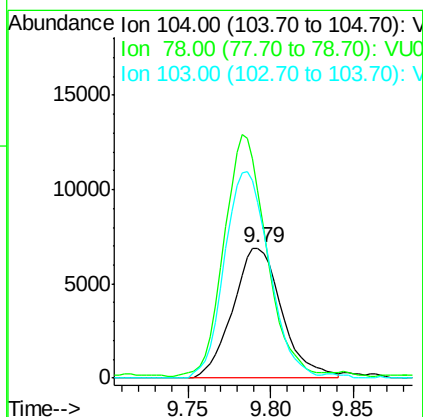
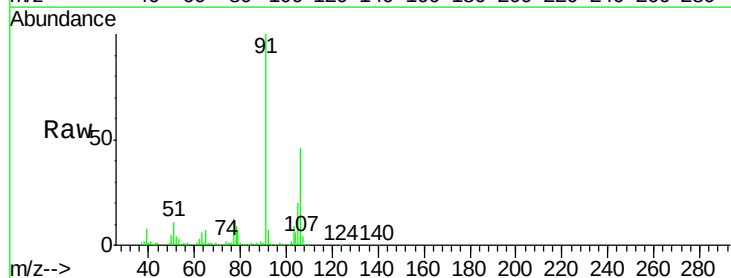
Instrument :
MSVOA_U
ClientSampleId :
MW-1-062818

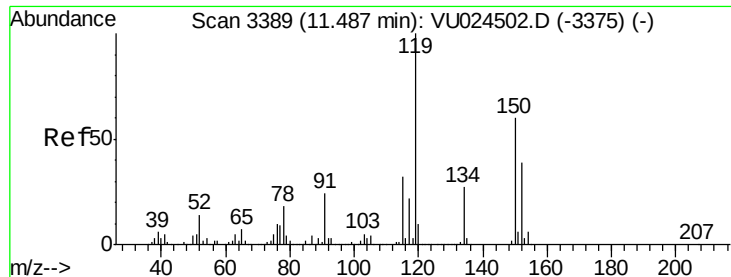
Tot Ion:106 Resp: 121334
Ion Ratio Lower Upper
106 100
91 215.5 110.7 331.9



#70
Styrene
Concen: 1.762 ug/l
RT: 9.79 min Scan# 2862
Delta R.T. -0.00 min
Lab File: VU025172.D
Acq: 03 Jul 2018 04:14

Tgt Ion:104 Resp: 14289
Ion Ratio Lower Upper
104 100
78 158.4 40.6 60.8#
103 144.2 44.7 67.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025172.D

Acq: 03 Jul 2018 04:14

Instrument :

MSVOA_U

ClientSampleId :

MW-1-062818

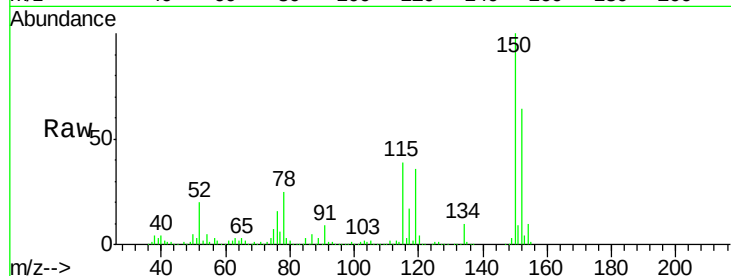
Tot Ion:152 Resp: 187177

Ion Ratio Lower Upper

152 100

115 60.9 43.0 129.0

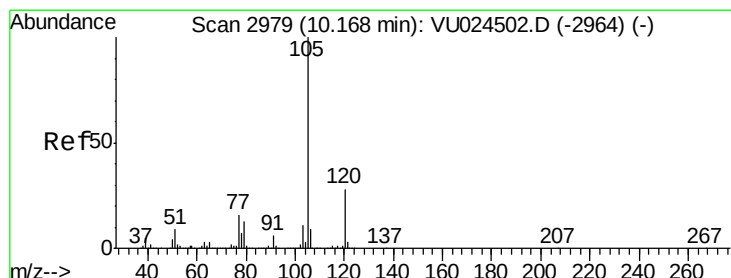
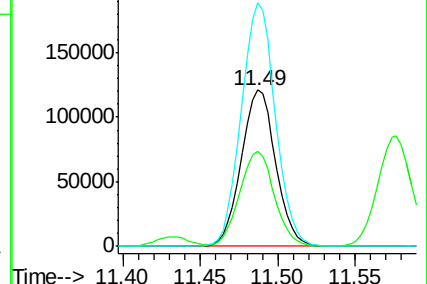
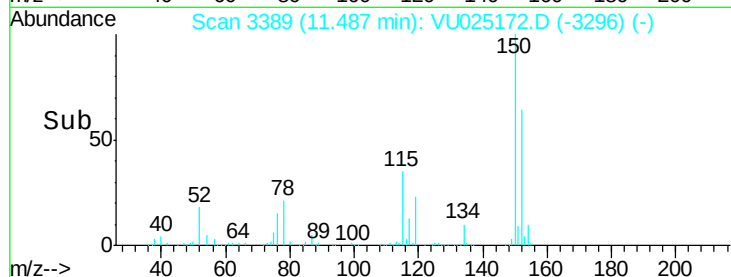
150 154.4 0.0 354.0



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



#73

Isopropylbenzene

Concen: 49.938 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025172.D

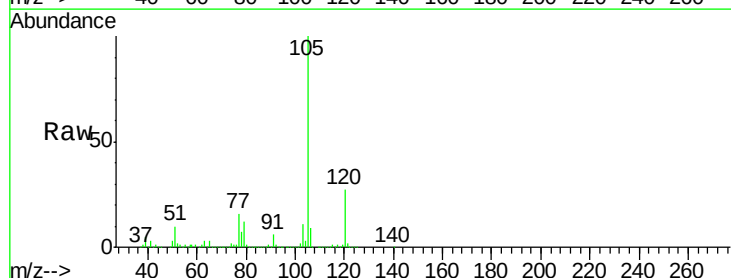
Acq: 03 Jul 2018 04:14

Tgt Ion:105 Resp: 717641

Ion Ratio Lower Upper

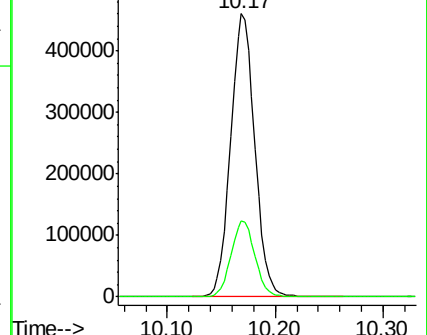
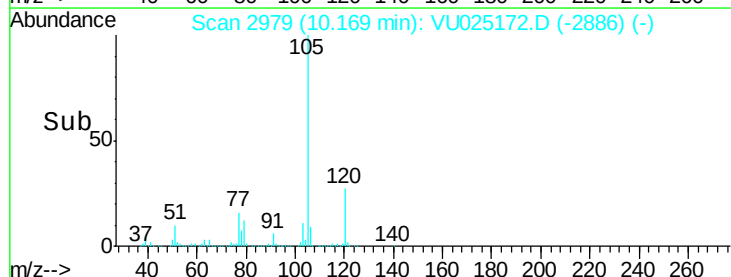
105 100

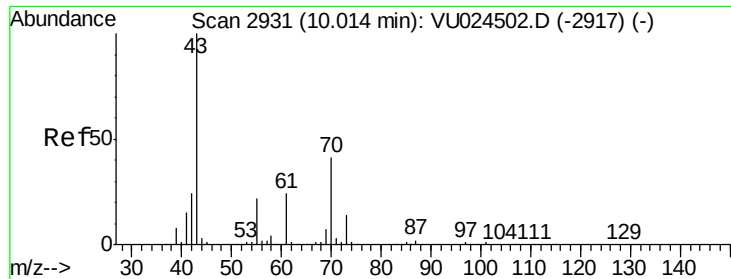
120 26.8 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.208 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU025172.D

Acq: 03 Jul 2018 04:14

Instrument :

MSVOA_U

ClientSampleId :

MW-1-062818

Tot Ion: 43 Resp: 1422

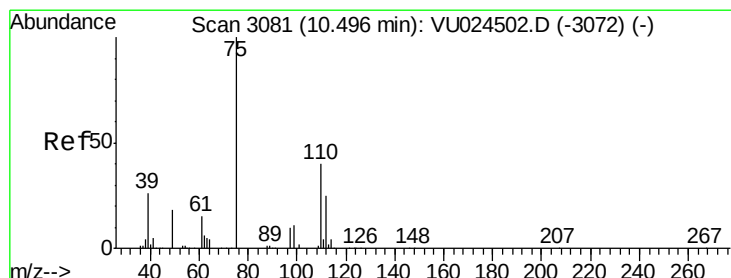
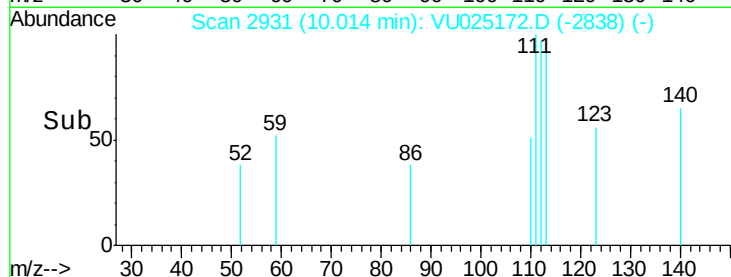
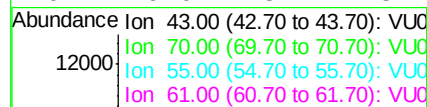
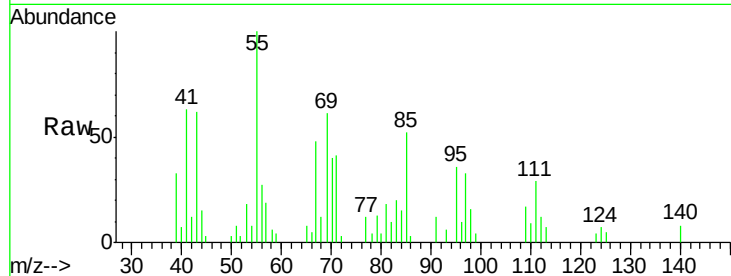
Ion Ratio Lower Upper

43 100

70 115.9 32.2 48.4#

55 156.7 20.5 30.7#

61 0.0 18.7 28.1#



#76

1,2,3-Trichloropropane

Concen: 3.387 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.09 min

Lab File: VU025172.D

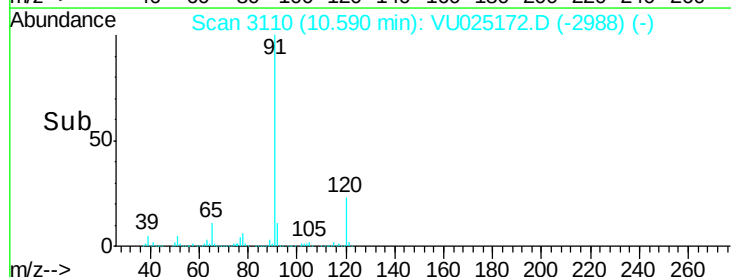
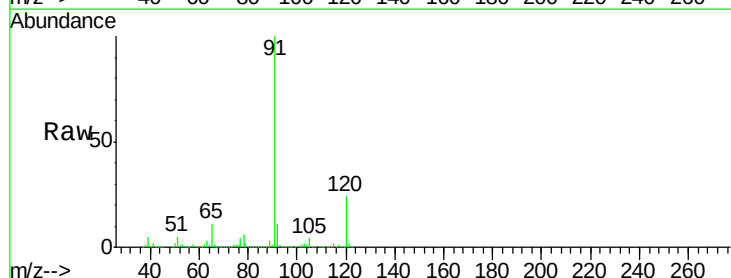
Acq: 03 Jul 2018 04:14

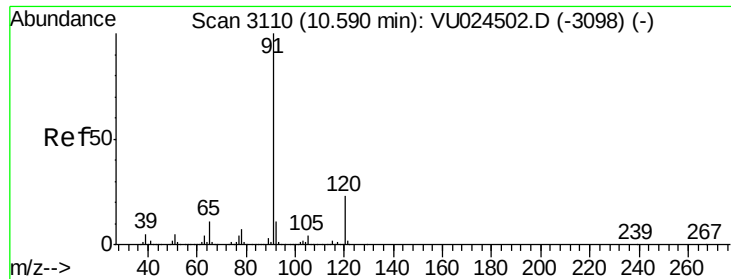
Tgt Ion: 75 Resp: 13958

Ion Ratio Lower Upper

75 100

77 617.5 20.9 62.7#





#78

n-propylbenzene

Concen: 126.553 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025172.D

Acq: 03 Jul 2018 04:14

Instrument :

MSVOA_U

ClientSampleId :

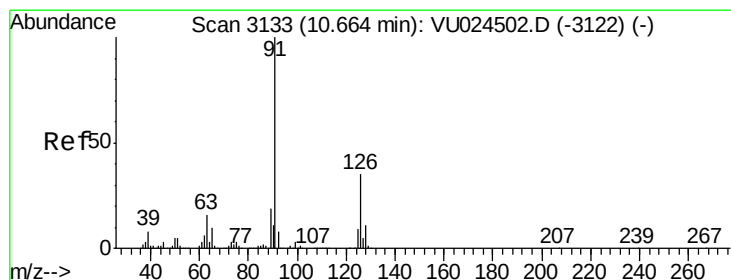
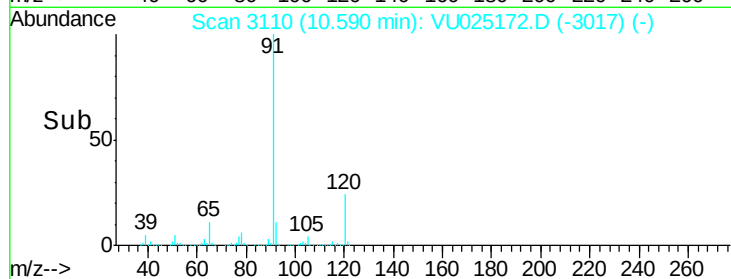
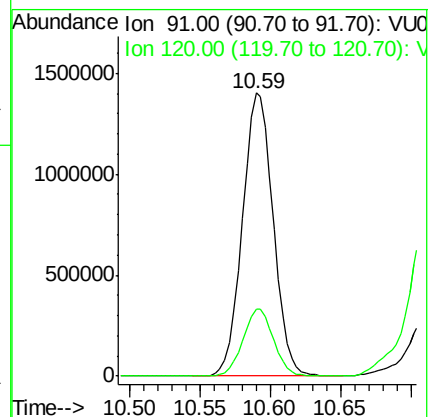
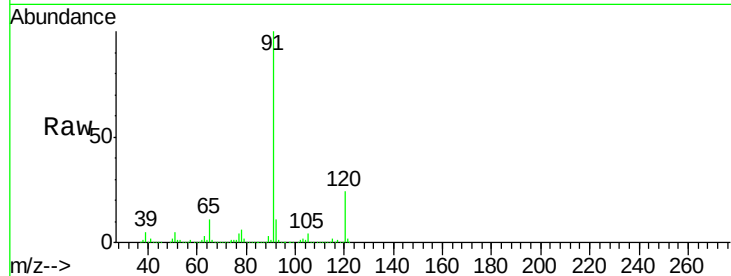
MW-1-062818

Tot Ion: 91 Resp: 2142351

Ion Ratio Lower Upper

91 100

120 23.6 11.2 33.5



#79

2-Chlorotoluene

Concen: 47.848 ug/l

RT: 10.71 min Scan# 3147

Delta R.T. 0.05 min

Lab File: VU025172.D

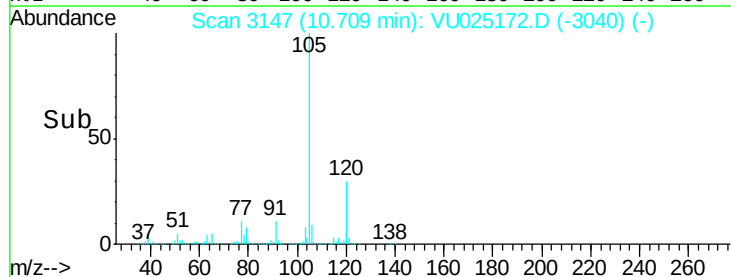
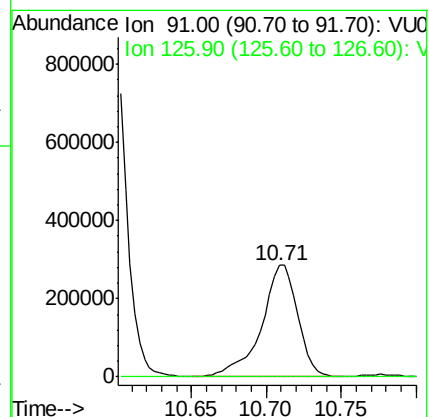
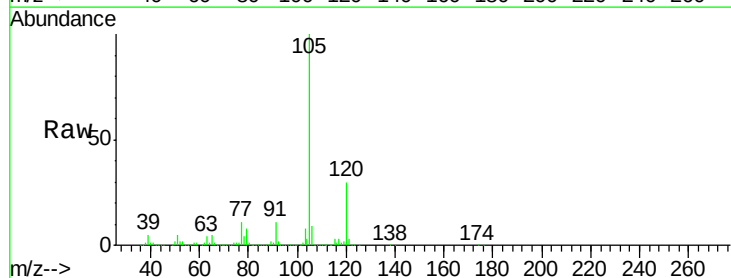
Acq: 03 Jul 2018 04:14

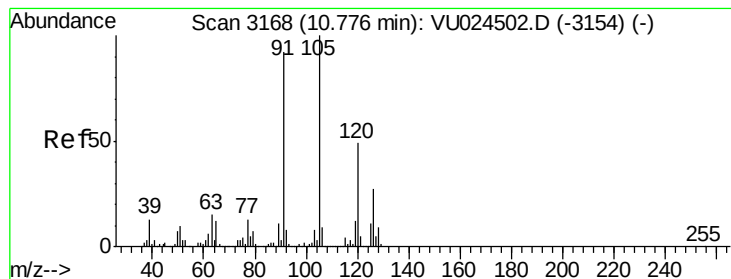
Tgt Ion: 91 Resp: 477663

Ion Ratio Lower Upper

91 100

126 0.1 16.9 50.7#





#80

1,3,5-Trimethylbenzene

Concen: 342.039 ug/l

RT: 10.71 min Scan# 3148

Delta R.T. -0.06 min

Lab File: VU025172.D

Acq: 03 Jul 2018 04:14

Instrument :

MSVOA_U

ClientSampleId :

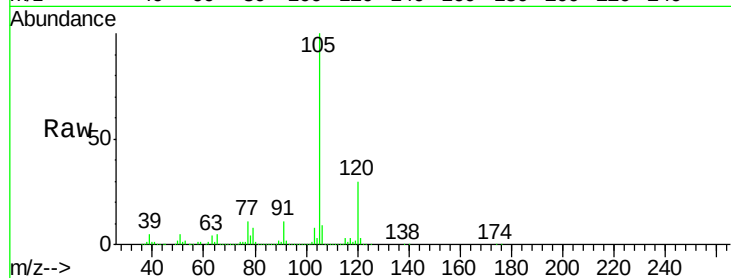
MW-1-062818

Tot Ion:105 Resp: 4260340

Ion Ratio Lower Upper

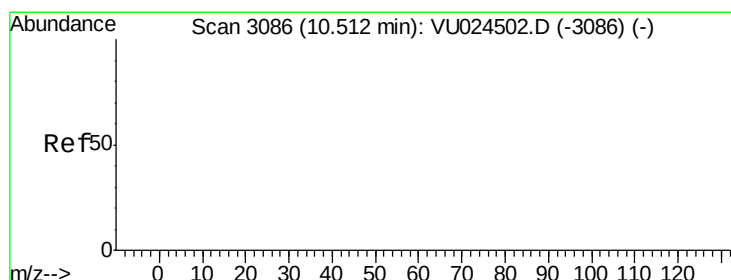
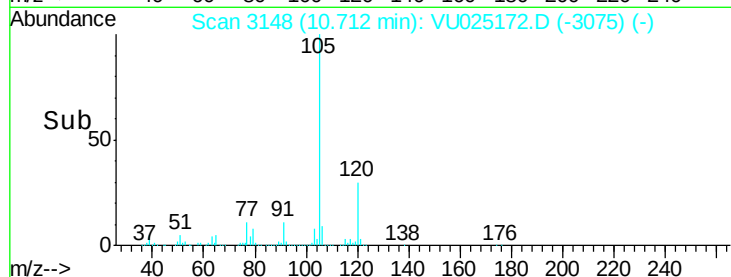
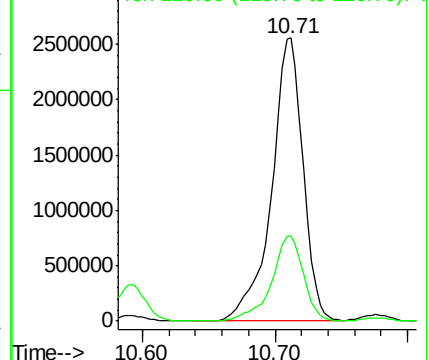
105 100

120 30.4 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 7.839 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.08 min

Lab File: VU025172.D

Acq: 03 Jul 2018 04:14

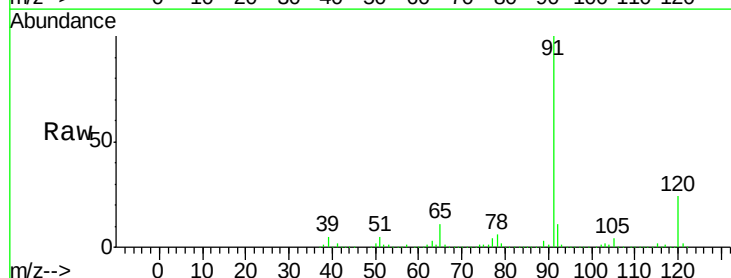
Tgt Ion: 75 Resp: 13958

Ion Ratio Lower Upper

75 100

53 71.7 0.0 0.0#

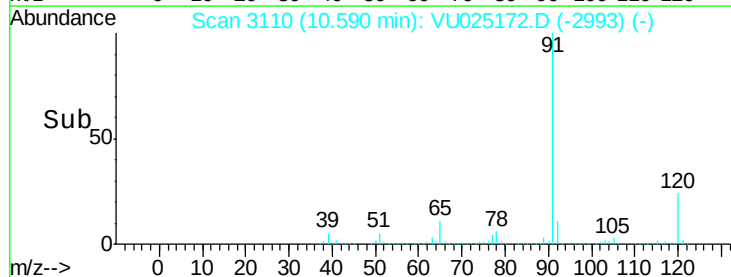
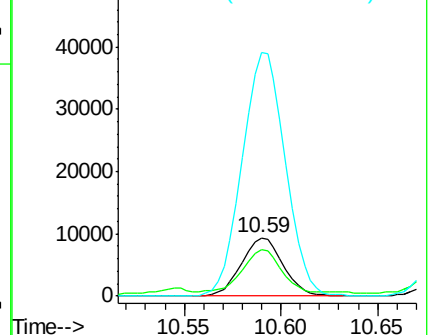
89 435.1 0.0 0.0#

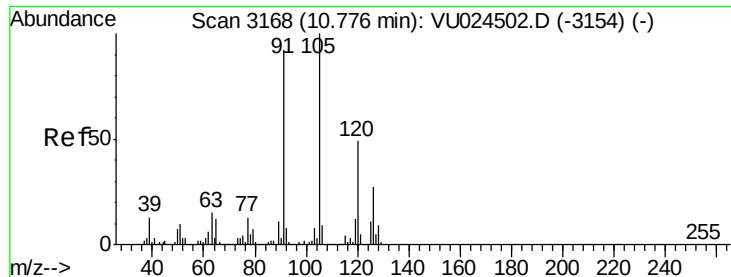


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0





#82

4-Chlorotoluene

Concen: 41.110 ug/l

RT: 10.71 min Scan# 3147

Delta R.T. -0.07 min

Lab File: VU025172.D

Acq: 03 Jul 2018 04:14

Instrument :

MSVOA_U

ClientSampleId :

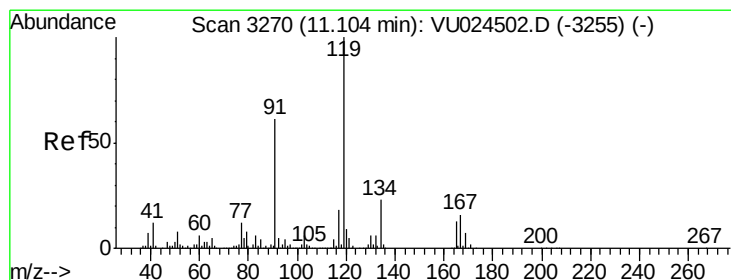
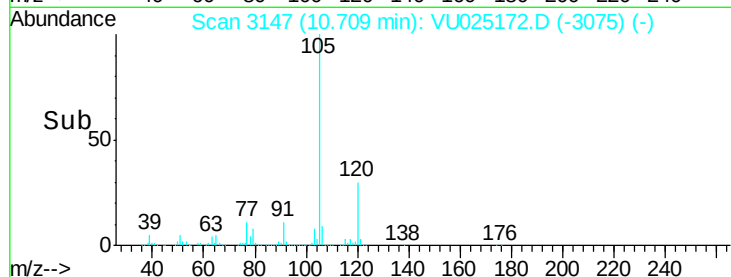
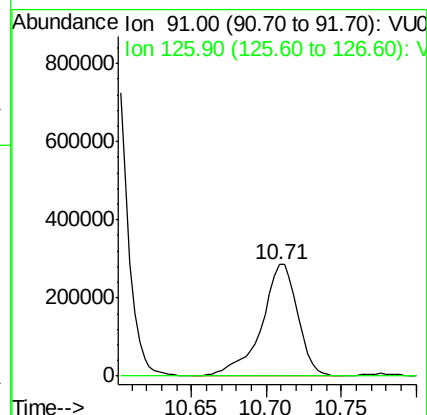
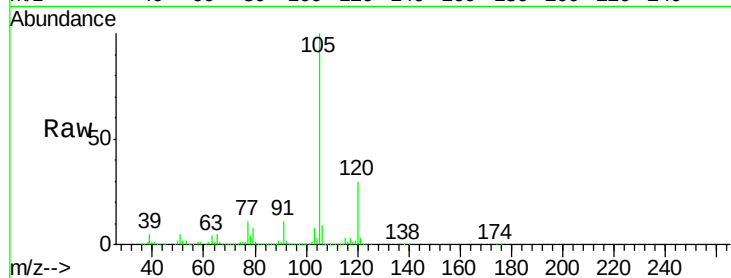
MW-1-062818

Tot Ion: 91 Resp: 477663

Ion Ratio Lower Upper

91 100

126 0.1 14.9 44.9#



#83

tert-Butylbenzene

Concen: 210.595 ug/l

RT: 11.16 min Scan# 3288

Delta R.T. 0.06 min

Lab File: VU025172.D

Acq: 03 Jul 2018 04:14

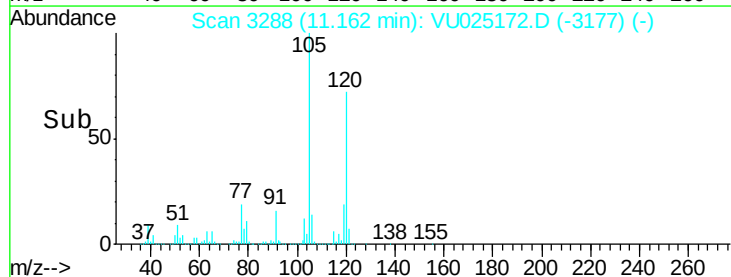
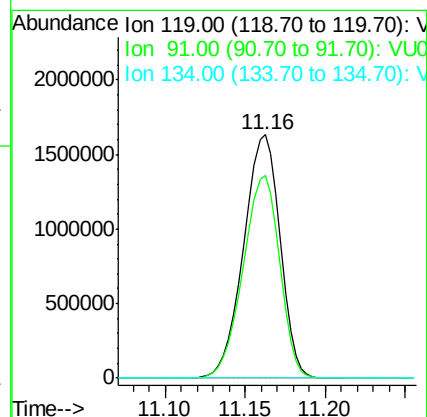
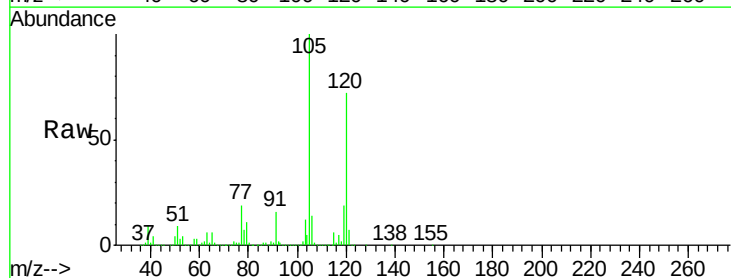
Tgt Ion: 119 Resp: 2523244

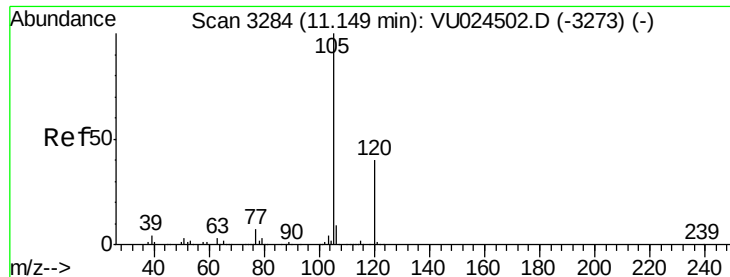
Ion Ratio Lower Upper

119 100

91 83.6 29.7 89.1

134 0.0 11.6 34.7#

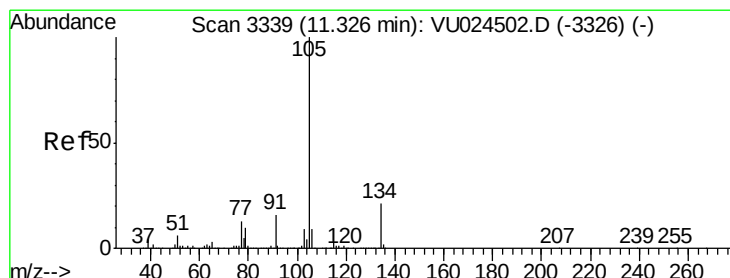
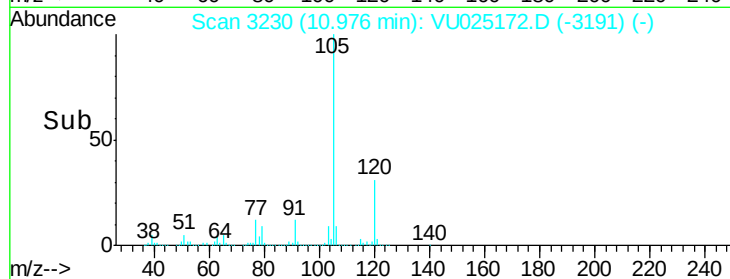
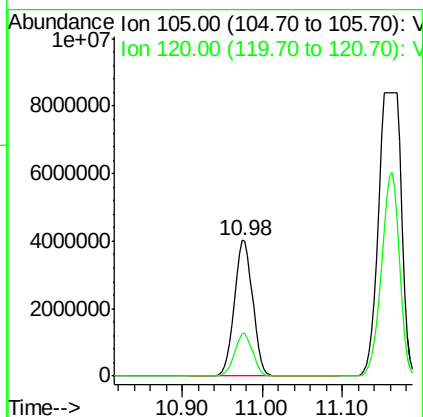
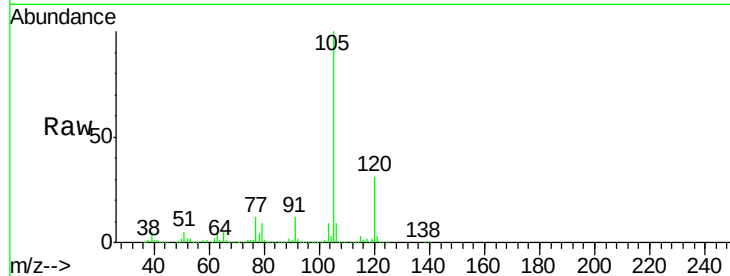




#84
 1,2,4-Trimethylbenzene
 Concen: 487.943 ug/l
 RT: 10.98 min Scan# 3230
 Delta R.T. -0.17 min
 Lab File: VU025172.D
 Acq: 03 Jul 2018 04:14

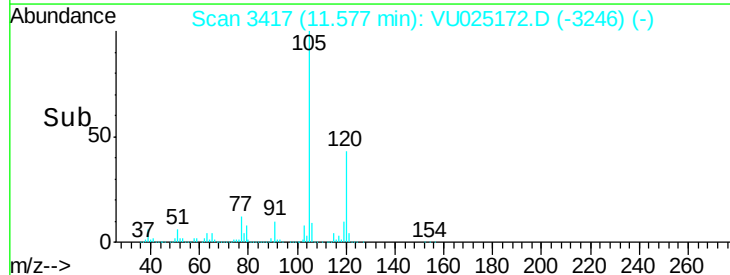
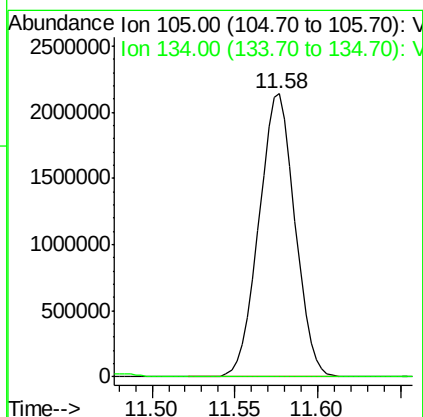
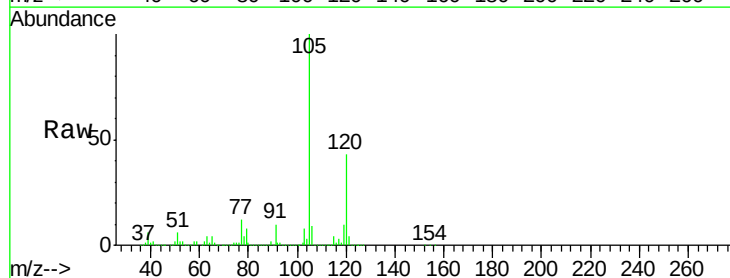
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1-062818

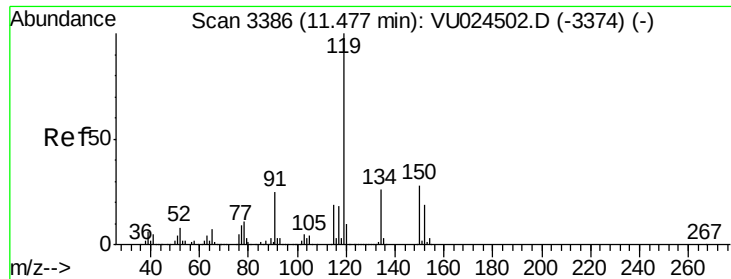
Tot Ion:105 Resp: 6193716
 Ion Ratio Lower Upper
 105 100
 120 31.2 22.6 67.8



#85
 sec-Butylbenzene
 Concen: 217.107 ug/l
 RT: 11.58 min Scan# 3417
 Delta R.T. 0.25 min
 Lab File: VU025172.D
 Acq: 03 Jul 2018 04:14

Tgt Ion:105 Resp: 3256089
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.7 29.1#

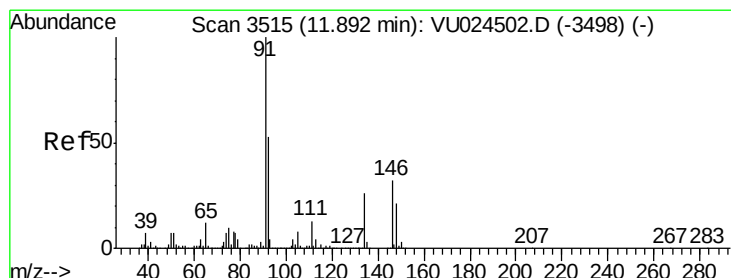
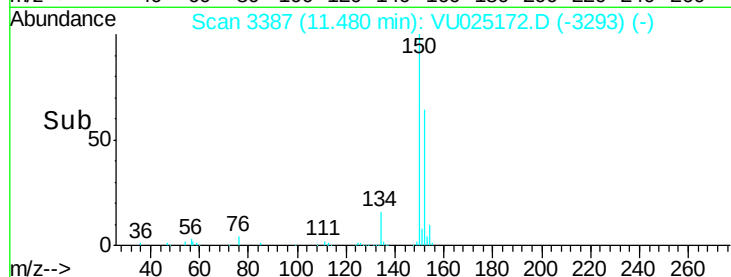
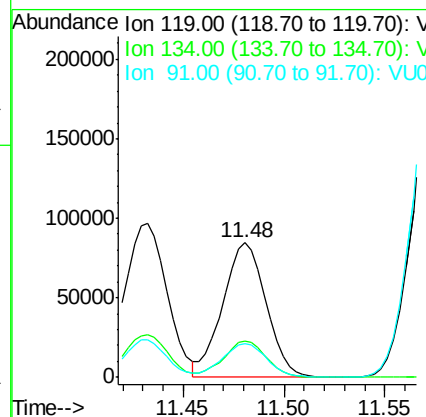
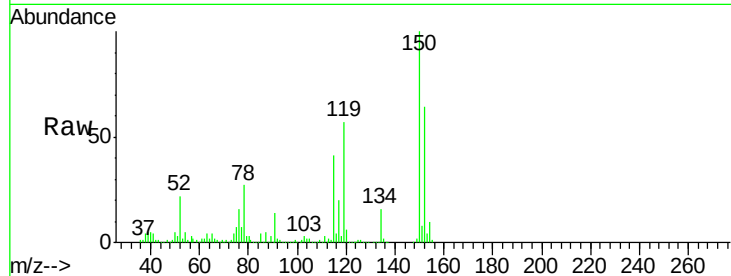




#86
p-Isopropyltoluene
Concen: 9.424 ug/l
RT: 11.48 min Scan# 3387
Delta R.T. 0.00 min
Lab File: VU025172.D
Acq: 03 Jul 2018 04:14

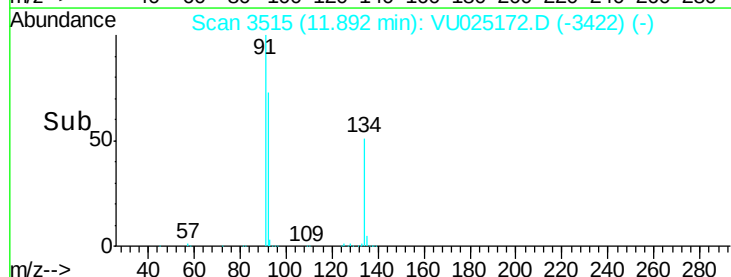
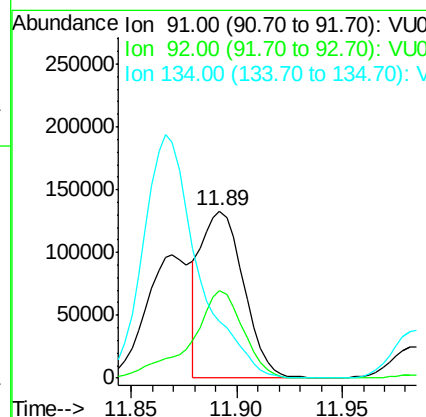
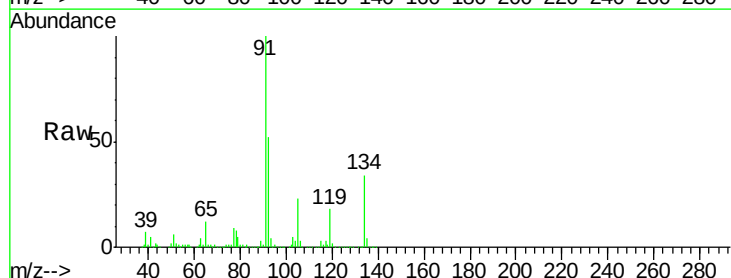
Instrument :
MSVOA_U
ClientSampleId :
MW-1-062818

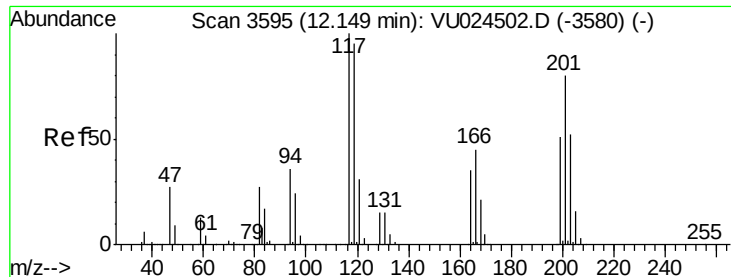
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.0	12.9	38.6
91	25.0	12.0	36.1



#89
n-Butylbenzene
Concen: 15.427 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VU025172.D
Acq: 03 Jul 2018 04:14

Tgt Ion	Ratio	Lower	Upper
91	100		
92	65.5	25.6	76.8
134	0.0	12.3	36.8#





#90

Hexachloroethane

Concen: 56.905 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU025172.D

Acq: 03 Jul 2018 04:14

Instrument :

MSVOA_U

ClientSampleId :

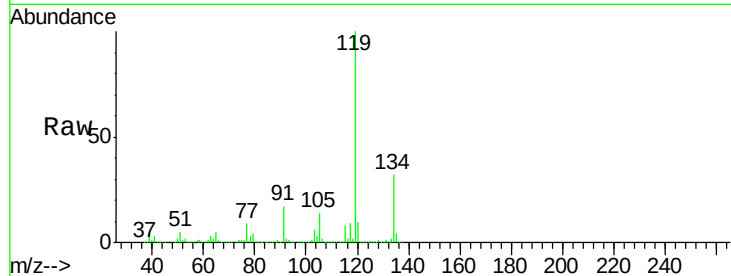
MW-1-062818

Tot Ion:117 Resp: 149108

Ion Ratio Lower Upper

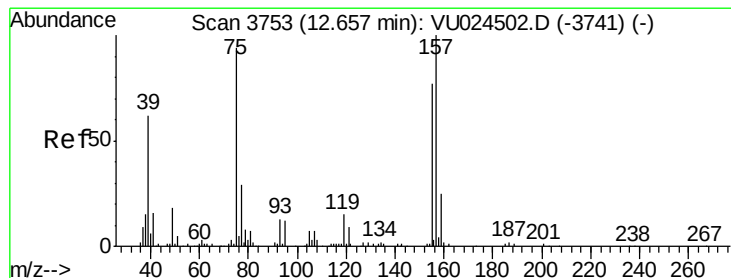
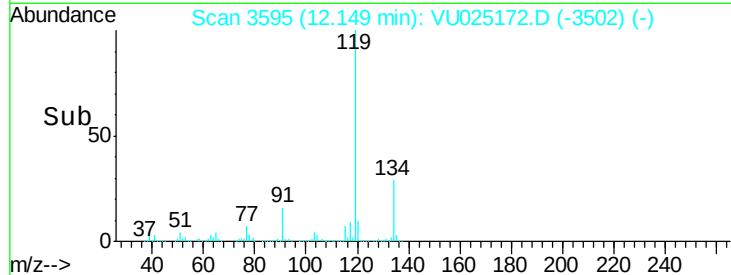
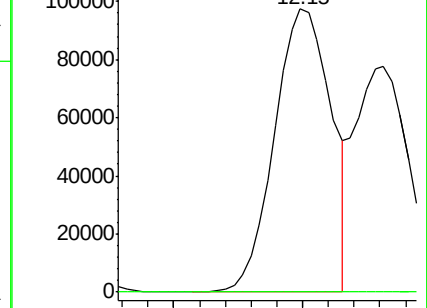
117 100

201 0.0 41.1 123.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 8.156 ug/l

RT: 12.65 min Scan# 3752

Delta R.T. -0.00 min

Lab File: VU025172.D

Acq: 03 Jul 2018 04:14

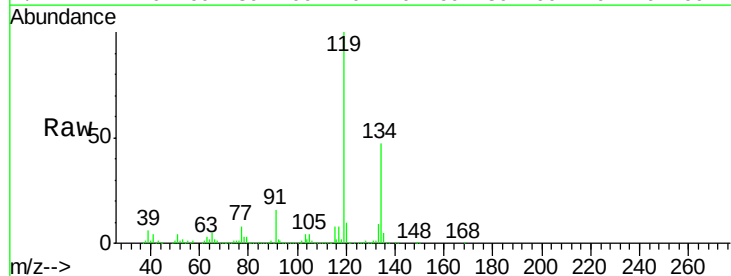
Tgt Ion: 75 Resp: 10837

Ion Ratio Lower Upper

75 100

155 0.0 40.4 121.2#

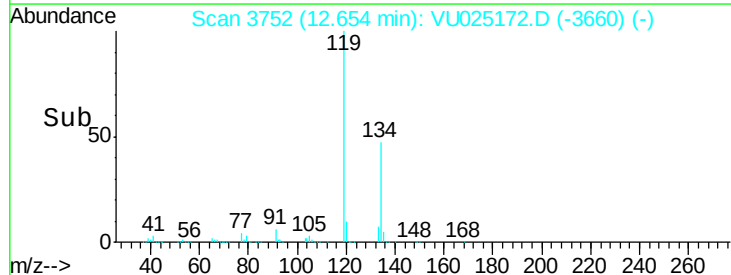
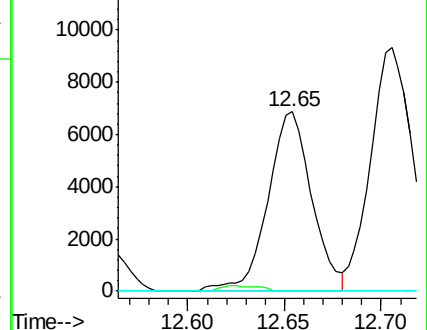
157 0.0 52.3 156.8#

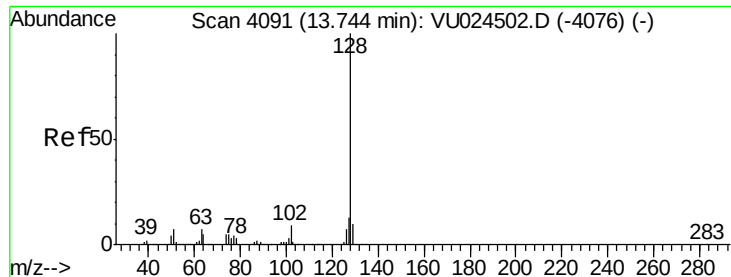


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95
Naphthalene
Concen: 135.240 ug/l
RT: 13.74 min Scan# 4091
Delta R.T. 0.00 min
Lab File: VU025172.D
Acq: 03 Jul 2018 04:14

Instrument :
MSVOA_U
ClientSampleId :
MW-1-062818

Tot Ion:128 Resp: 1877481
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 11.0 8.6 12.8

