

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U100618\
 Data File : VU027474.D
 Acq On : 05 Oct 2018 23:26
 Operator : MD/SY
 Sample : J5268-05 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-12

Quant Time: Oct 06 02:21:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	111564	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	188230	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	179248	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	103817	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	104468	56.08	ug/l	0.00
Spiked Amount			Recovery	=	112.16%	
35) Dibromofluoromethane	4.88	113	73569	57.03	ug/l	0.00
Spiked Amount			Recovery	=	114.06%	
50) Toluene-d8	7.57	98	287258	59.50	ug/l	0.00
Spiked Amount			Recovery	=	119.00%	
62) 4-Bromofluorobenzene	10.31	95	108228	60.32	ug/l	0.00
Spiked Amount			Recovery	=	120.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.56	64	2884	2.345	ug/l #	63
13) Acrolein	2.19	56	3737	11.352	ug/l #	1
14) Allyl chloride	2.64	41	1757	0.628	ug/l #	26
15) Acrylonitrile	3.00	53	667	0.653	ug/l #	30
16) Acetone	2.31	43	2975	2.703	ug/l #	61
18) Methyl Acetate	2.64	43	1610	0.641	ug/l #	56
20) Methylene Chloride	2.70	84	436	0.284	ug/l #	71
25) 2-Butanone	4.19	43	377	0.251	ug/l #	54
29) Tetrahydrofuran	4.78	42	591	0.625	ug/l #	39
31) Cyclohexane	5.00	56	24757	8.087	ug/l #	92
36) 1,1-Dichloropropene	4.99	75	9625	4.709	ug/l #	52
38) Carbon Tetrachloride	4.99	117	11095	6.010	ug/l #	17
39) Methylcyclohexane	6.42	83	6528	2.732	ug/l	97
40) Benzene	5.39	78	7205	1.210	ug/l	95
41) Methacrylonitrile	4.78	41	5055	3.386	ug/l #	1
48) Methyl methacrylate	6.64	41	844	0.414	ug/l #	82
52) Toluene	7.64	92	115051	32.651	ug/l	99
53) t-1,3-Dichloropropene	7.64	75	1243	0.527	ug/l #	1
56) Ethyl methacrylate	7.91	69	73	2.298	ug/l #	60
67) Ethyl Benzene	9.25	91	252014	37.700	ug/l	100
68) m/p-Xylenes	9.38	106	329961	134.943	ug/l	100
69) o-Xylene	9.78	106	93207	40.113	ug/l	99
70) Styrene	9.78	104	5279	3.459	ug/l #	1
73) Isopropylbenzene	10.17	105	8243	1.093	ug/l	97
76) 1,2,3-Trichloropropane	10.31	75	58427	21.711	ug/l #	37
78) n-propylbenzene	10.59	91	22283	2.459	ug/l	99
79) 2-Chlorotoluene	10.68	91	17315	3.165	ug/l #	43
80) 1,3,5-Trimethylbenzene	10.77	105	41049	6.687	ug/l	96
81) trans-1,4-Dichloro-2-buten	10.31	75	58427	56.819	ug/l #	100
82) 4-Chlorotoluene	10.77	91	4486	0.723	ug/l #	48
83) tert-Butylbenzene	11.15	119	17831	3.005	ug/l #	57
84) 1,2,4-Trimethylbenzene	11.15	105	152547	24.327	ug/l	99
85) sec-Butylbenzene	11.15	105	152547	20.401	ug/l #	58
86) p-Isopropyltoluene	11.43	119	1575	0.246	ug/l	90

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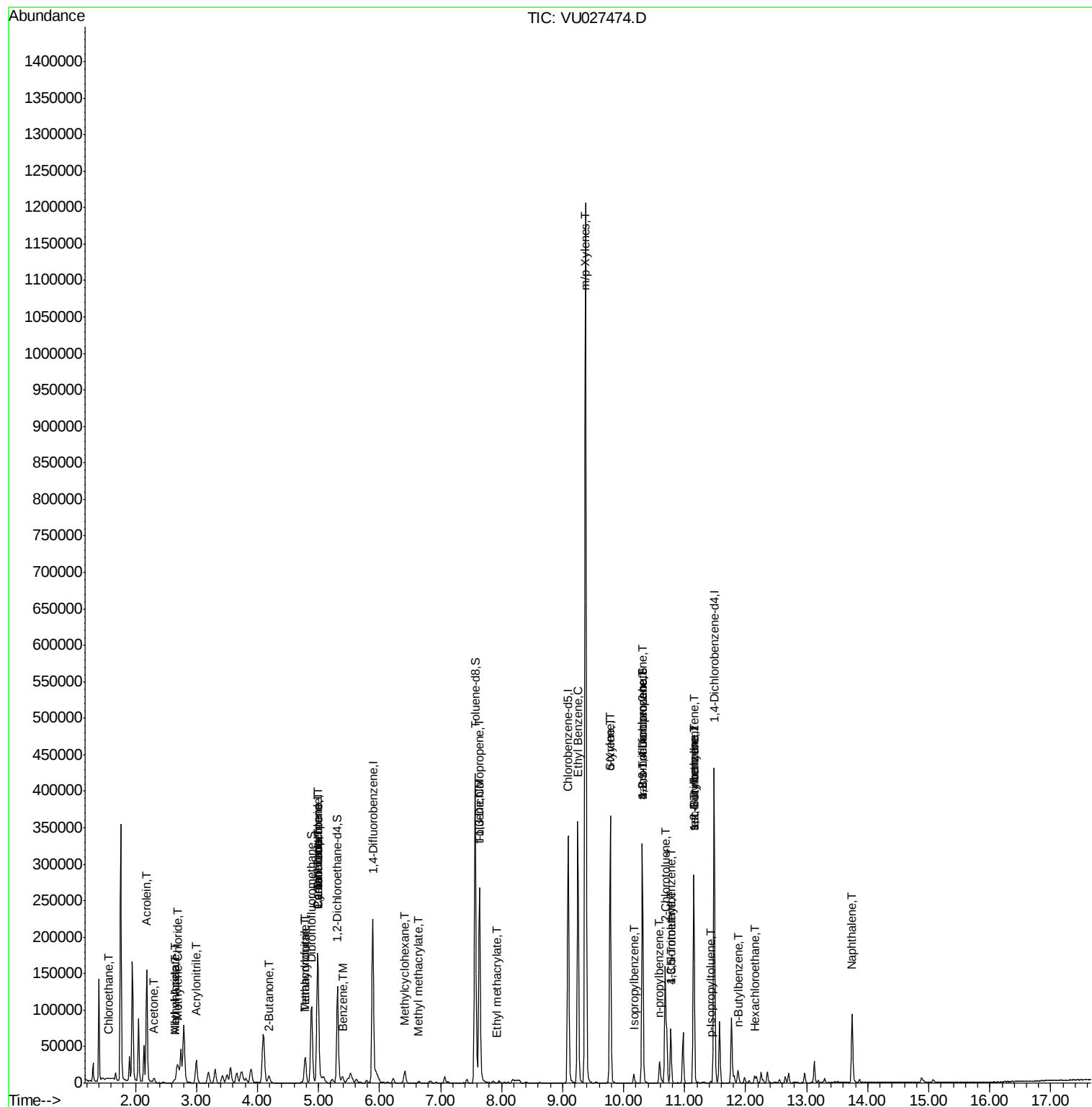
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	11.89	91	3340	2.422	ug/l #	21
90) Hexachloroethane	12.15	117	570	0.472	ug/l #	12
95) Naphthalene	13.75	128	76882	11.130	ug/l	99

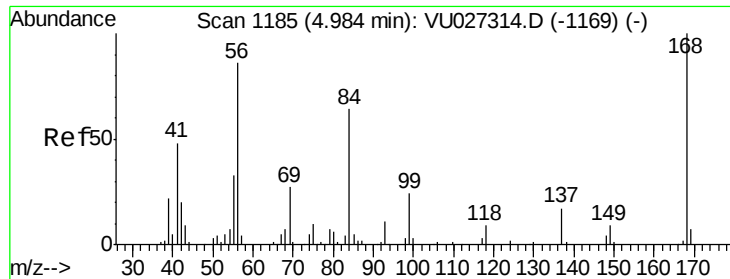
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027474.D

Acq: 05 Oct 2018 23:26

Instrument :

MSVOA_U

ClientSampleId :

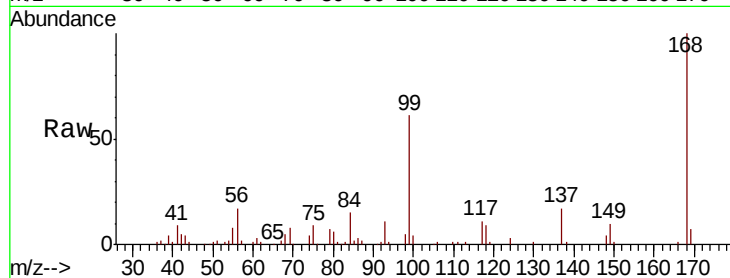
MW-12

Tgt Ion:168 Resp: 111564

Ion Ratio Lower Upper

168 100

99 61.3 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)

4.99

50000

40000

30000

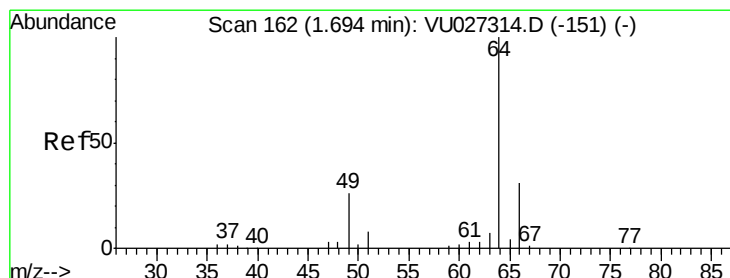
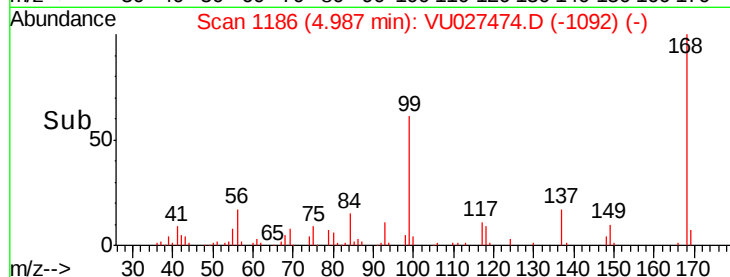
20000

10000

0

Time-->

4.90 5.00 5.10 5.20



#6

Chloroethane

Concen: 2.345 ug/l

RT: 1.56 min Scan# 120

Delta R.T. -0.14 min

Lab File: VU027474.D

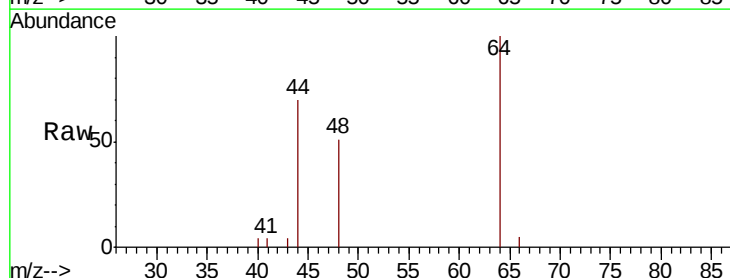
Acq: 05 Oct 2018 23:26

Tgt Ion: 64 Resp: 2884

Ion Ratio Lower Upper

64 100

66 10.2 24.6 36.8#



Abundance Ion 63.90 (63.60 to 64.60): VU027314.D (-151) (-)

Ion 65.90 (65.60 to 66.60): VU027314.D (-151) (-)

1.56

3000

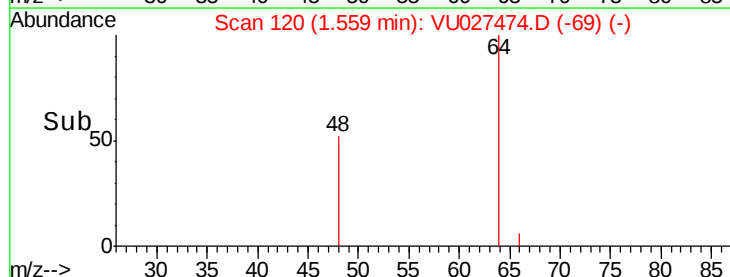
2000

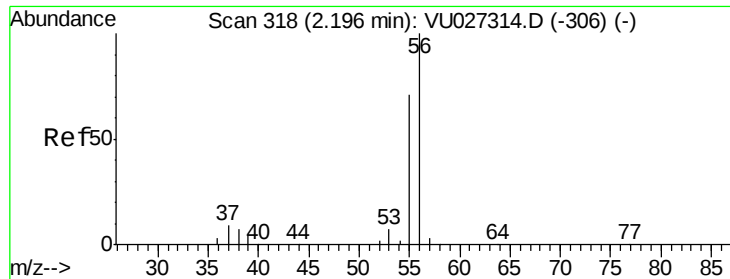
1000

0

Time-->

1.50 1.55





#13

Acrolein

Concen: 11.352 ug/l

RT: 2.19 min Scan# 315

Delta R.T. -0.01 min

Lab File: VU027474.D

Acq: 05 Oct 2018 23:26

Instrument :

MSVOA_U

ClientSampled :

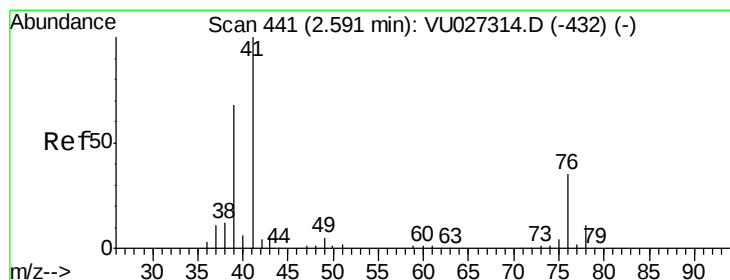
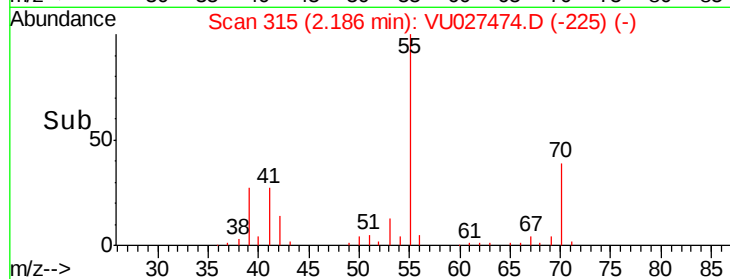
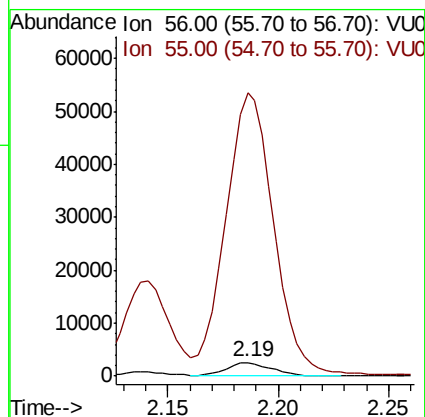
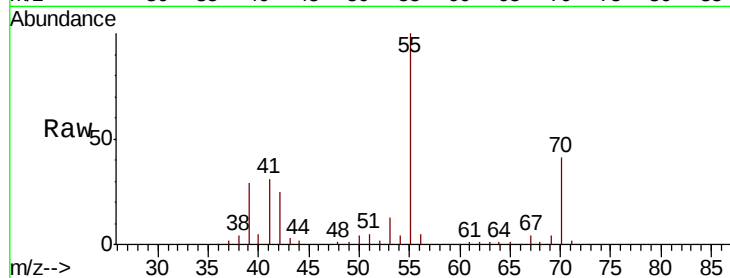
MW-12

Tgt Ion: 56 Resp: 3737

Ion Ratio Lower Upper

56 100

55 2139.7 57.7 86.5#



#14

Allyl chloride

Concen: 0.628 ug/l

RT: 2.64 min Scan# 457

Delta R.T. 0.05 min

Lab File: VU027474.D

Acq: 05 Oct 2018 23:26

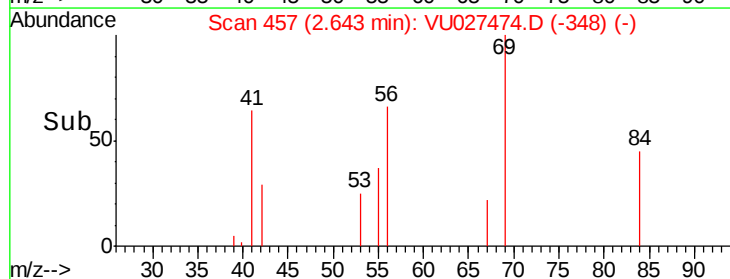
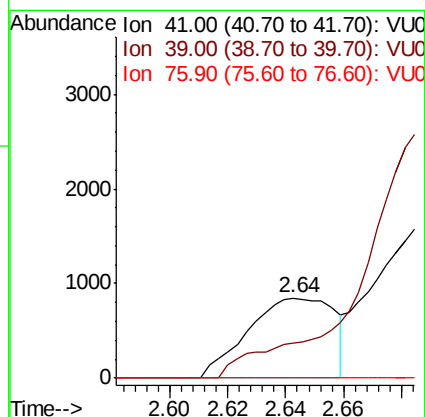
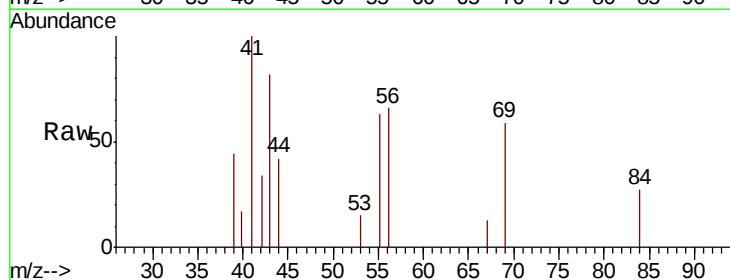
Tgt Ion: 41 Resp: 1757

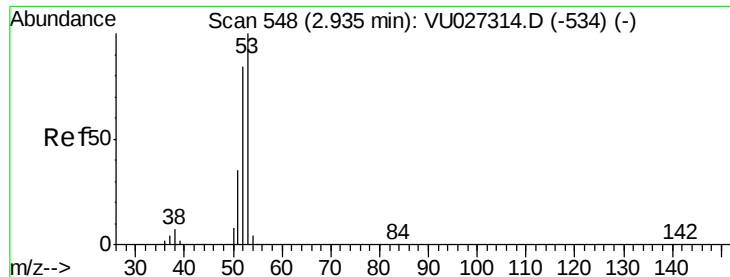
Ion Ratio Lower Upper

41 100

39 0.0 51.8 77.8#

76 0.0 25.9 38.9#





#15

Acrylonitrile

Concen: 0.653 ug/l

RT: 3.00 min Scan# 569

Delta R.T. 0.07 min

Lab File: VU027474.D

Acq: 05 Oct 2018 23:26

Instrument :

MSVOA_U

ClientSampleId :

MW-12

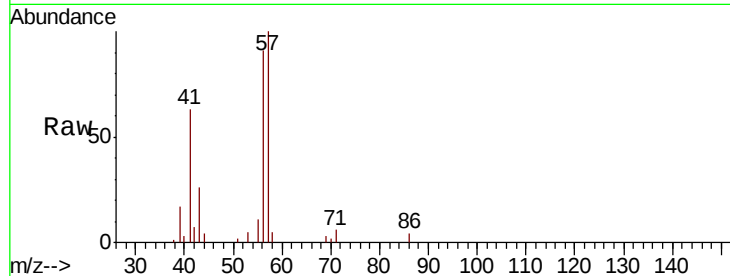
Tgt Ion: 53 Resp: 667

Ion Ratio Lower Upper

53 100

52 0.0 66.5 99.7#

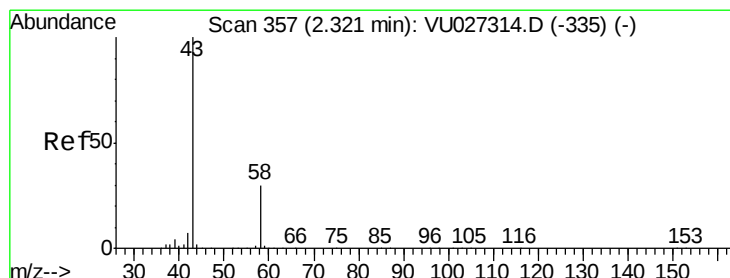
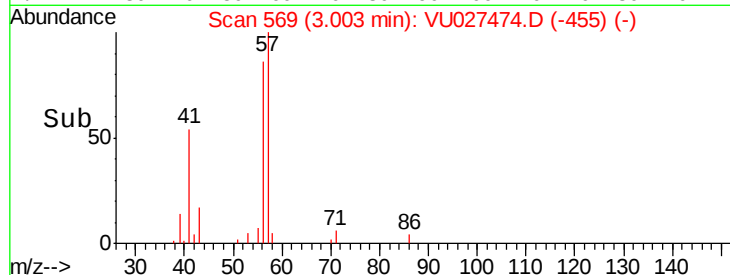
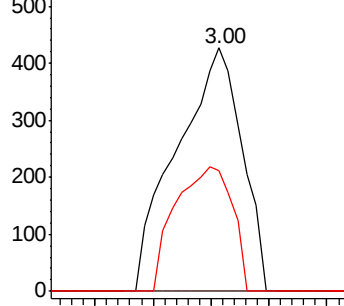
51 44.5 27.6 41.4#



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: 2.703 ug/l

RT: 2.31 min Scan# 353

Delta R.T. -0.01 min

Lab File: VU027474.D

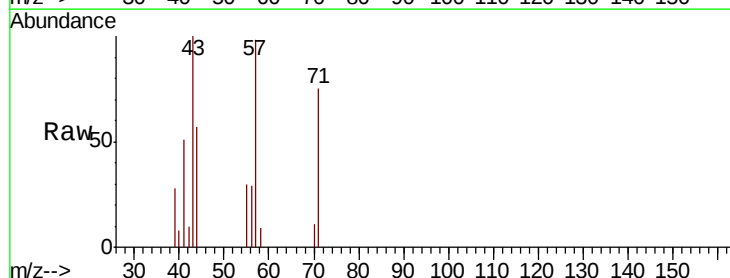
Acq: 05 Oct 2018 23:26

Tgt Ion: 43 Resp: 2975

Ion Ratio Lower Upper

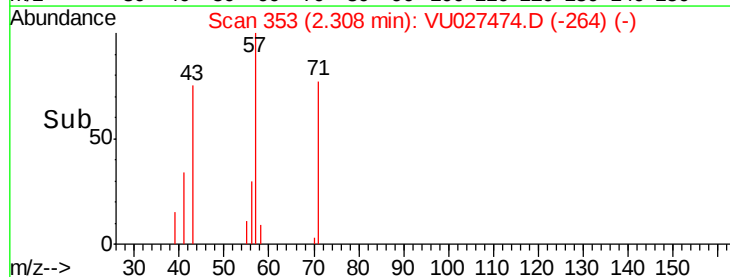
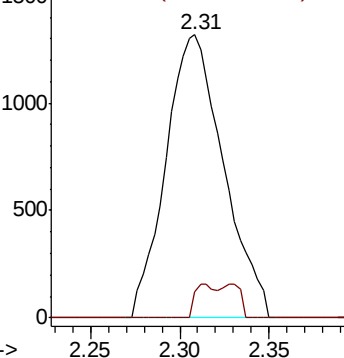
43 100

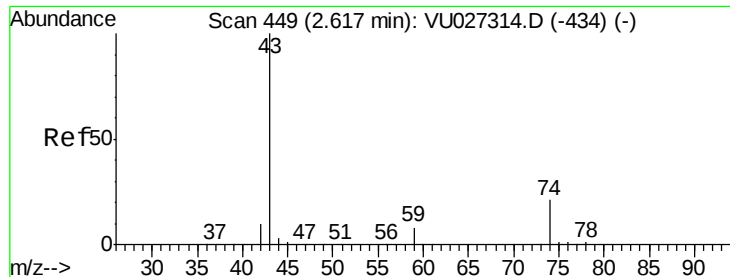
58 9.2 24.2 36.4#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

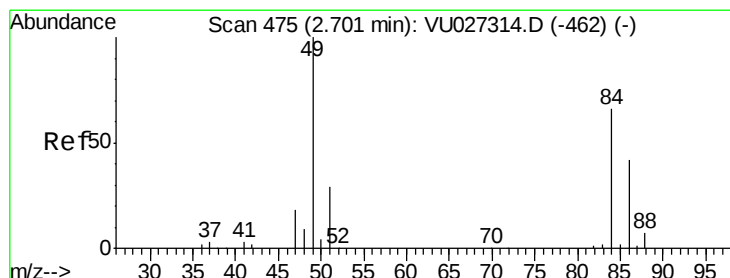
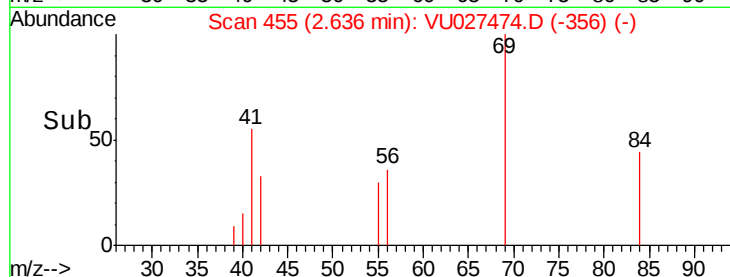
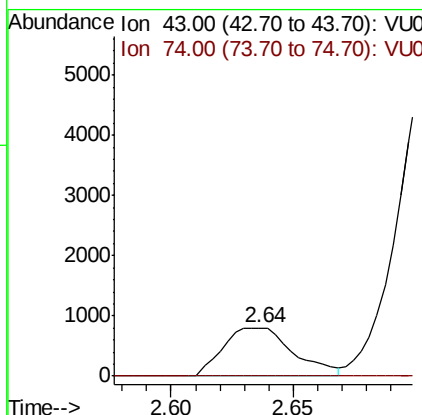
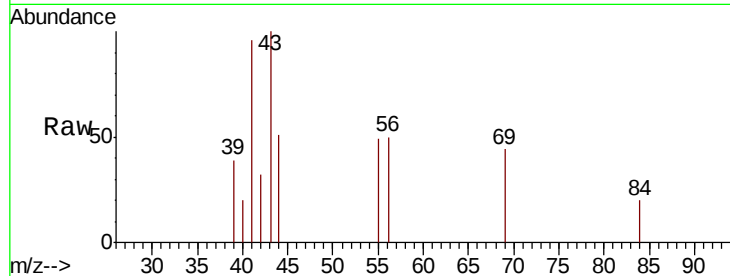




#18
Methyl Acetate
Concen: 0.641 ug/l
RT: 2.64 min Scan# 455
Delta R.T. 0.02 min
Lab File: VU027474.D
Acq: 05 Oct 2018 23:26

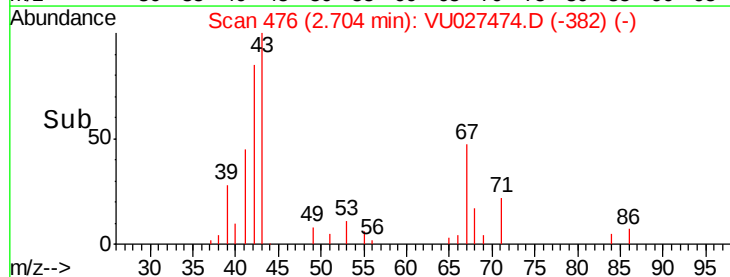
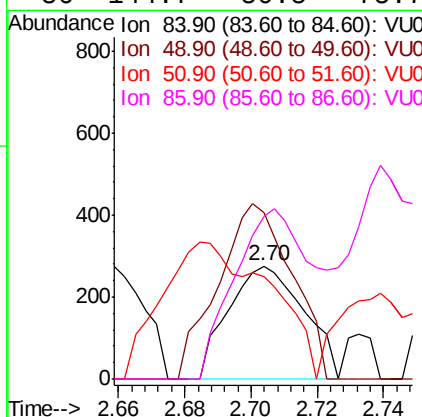
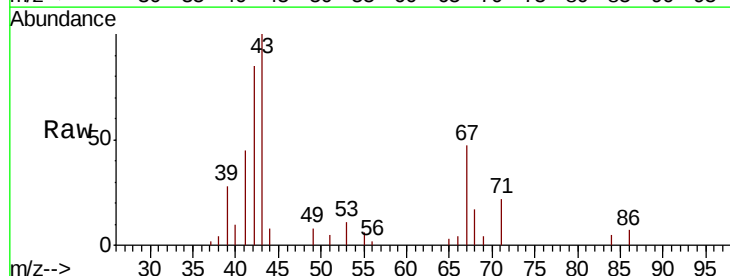
Instrument :
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ClientSampled :
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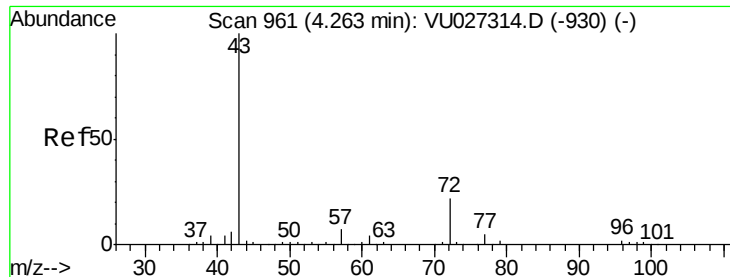
Tgt Ion: 43 Resp: 1610
Ion Ratio Lower Upper
43 100
74 0.0 16.5 24.7#



#20
Methylene Chloride
Concen: 0.284 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027474.D
Acq: 05 Oct 2018 23:26

Tgt Ion: 84 Resp: 436
Ion Ratio Lower Upper
84 100
49 147.3 120.5 180.7
51 38.2 35.1 52.7
86 144.7 50.5 75.7#





#25

2-Butanone

Concen: 0.251 ug/l

RT: 4.19 min Scan# 938

Delta R.T. -0.07 min

Lab File: VU027474.D

Acq: 05 Oct 2018 23:26

Instrument :

MSVOA_U

ClientSampleId :

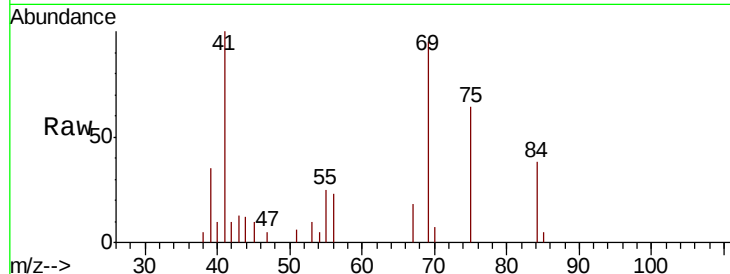
MW-12

Tgt Ion: 43 Resp: 377

Ion Ratio Lower Upper

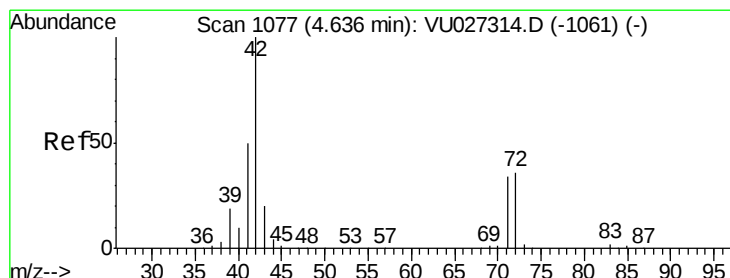
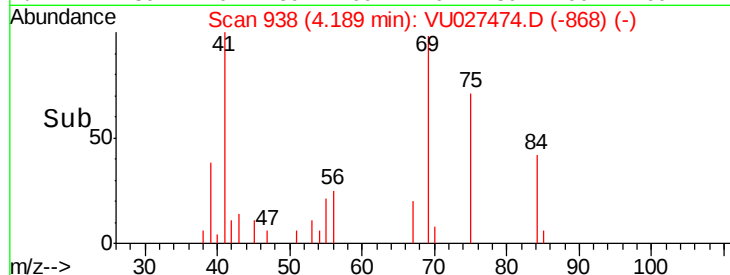
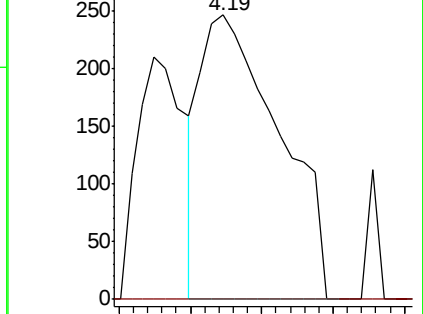
43 100

72 0.0 17.8 26.6#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#29

Tetrahydrofuran

Concen: 0.625 ug/l

RT: 4.78 min Scan# 1123

Delta R.T. 0.15 min

Lab File: VU027474.D

Acq: 05 Oct 2018 23:26

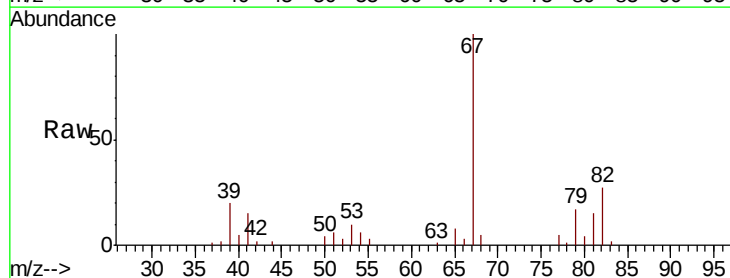
Tgt Ion: 42 Resp: 591

Ion Ratio Lower Upper

42 100

72 0.0 30.1 45.1#

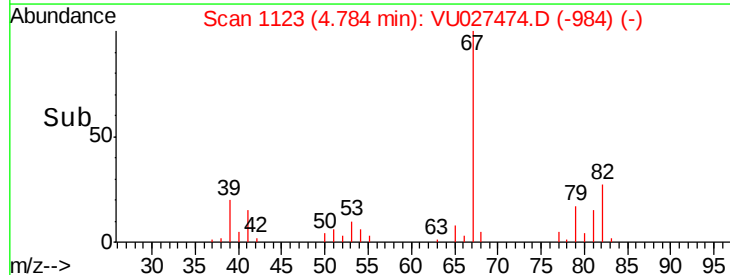
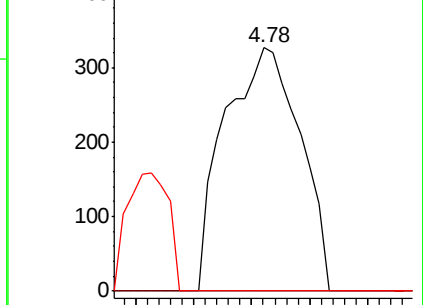
71 0.0 27.7 41.5#

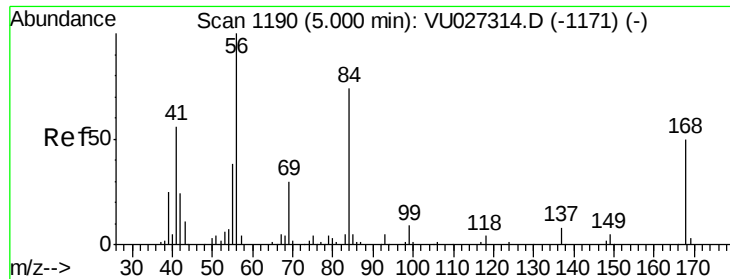


Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0

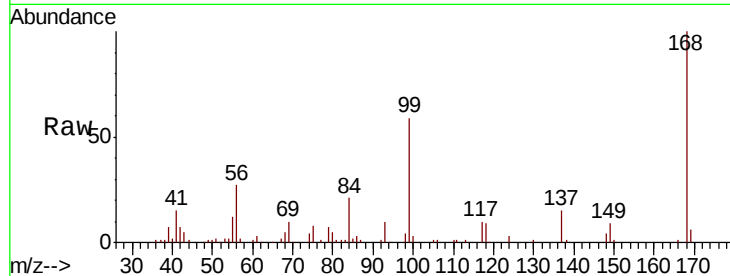




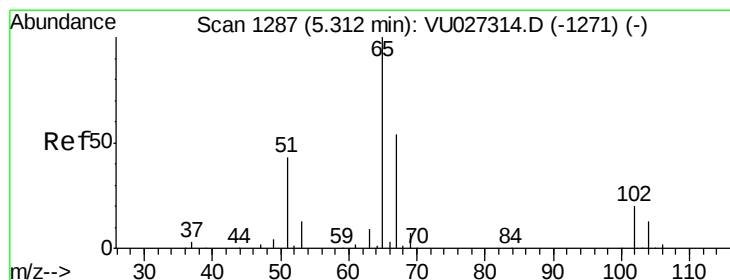
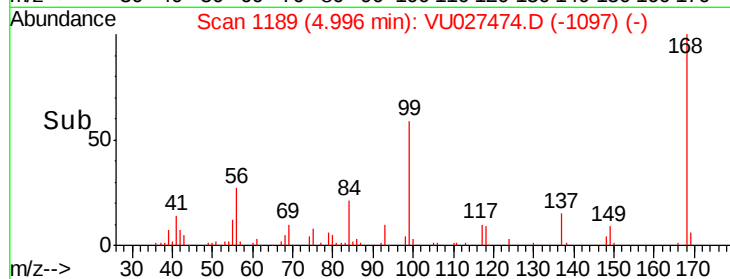
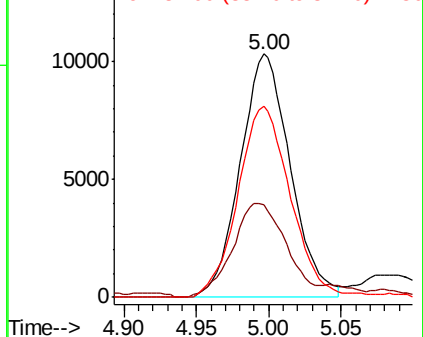
#31
Cyclohexane
Concen: 8.087 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU027474.D
Acq: 05 Oct 2018 23:26

Instrument :
MSVOA_U
ClientSampleId :
MW-12

Tgt Ion: 56 Resp: 24757
Ion Ratio Lower Upper
56 100
69 37.8 24.1 36.1#
84 78.3 59.1 88.7

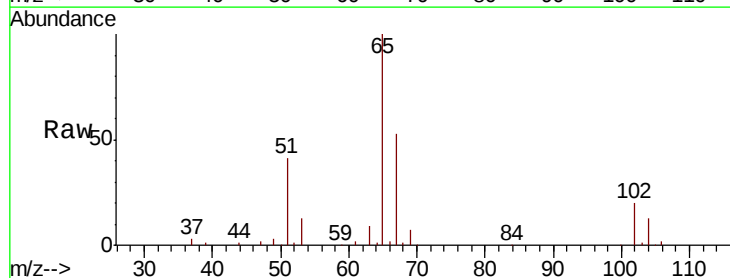


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

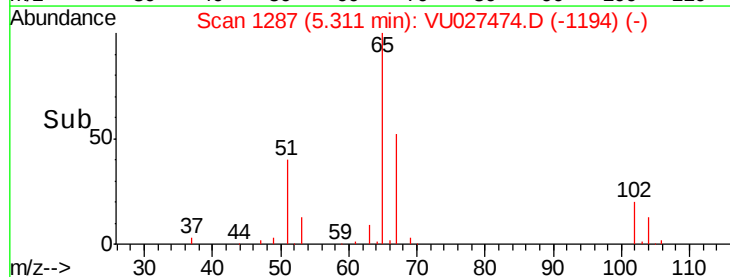
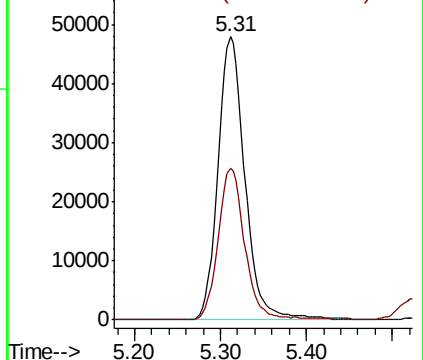


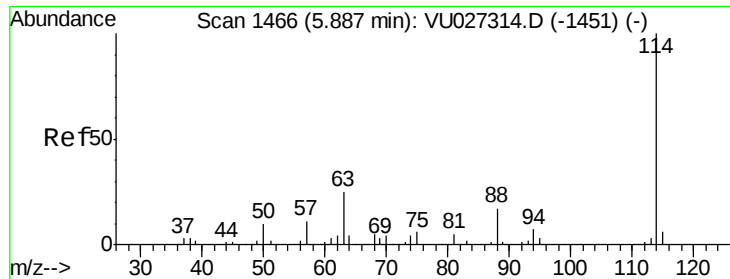
#33
1,2-Dichloroethane-d4
Concen: 56.077 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027474.D
Acq: 05 Oct 2018 23:26

Tgt Ion: 65 Resp: 104468
Ion Ratio Lower Upper
65 100
67 52.3 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VU0
Ion 66.90 (66.60 to 67.60): VU0

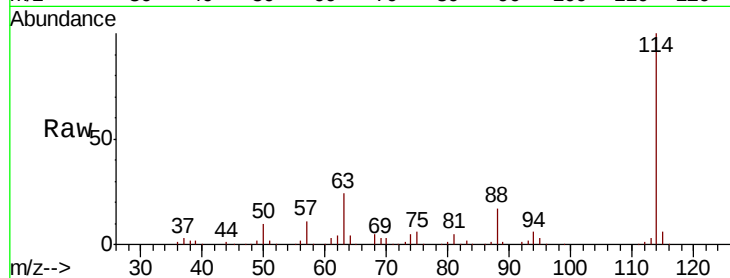




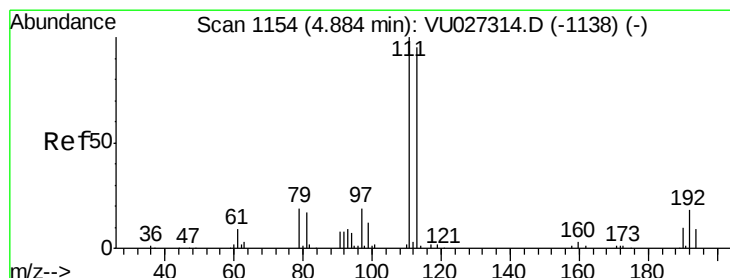
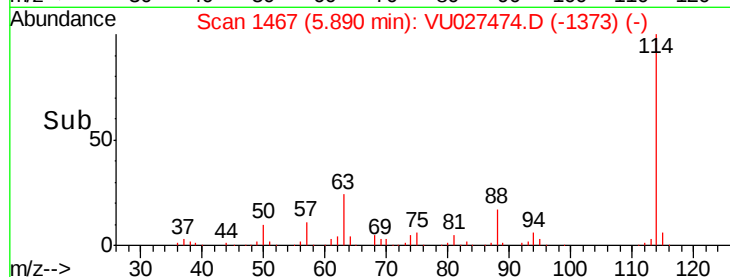
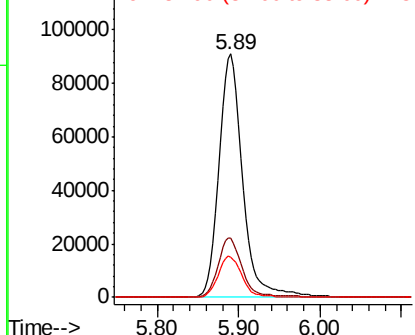
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027474.D
 Acq: 05 Oct 2018 23:26

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-12

Tgt Ion:114 Resp: 188230
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 50.2
 88 16.5 0.0 33.8

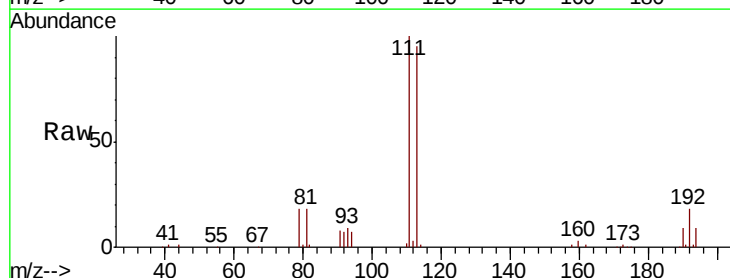


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

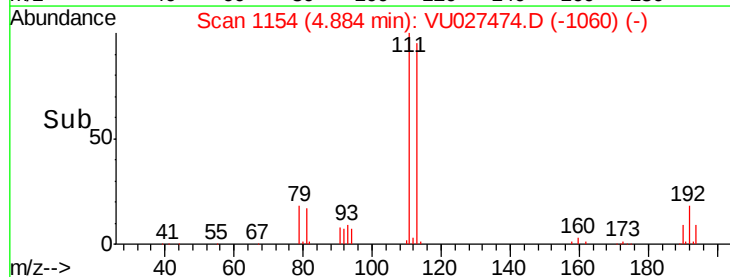
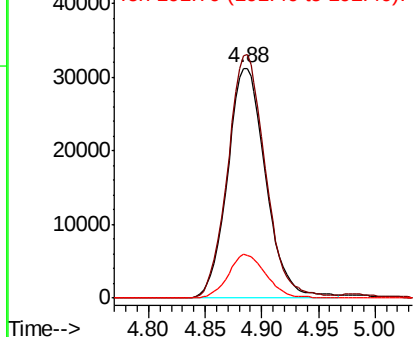


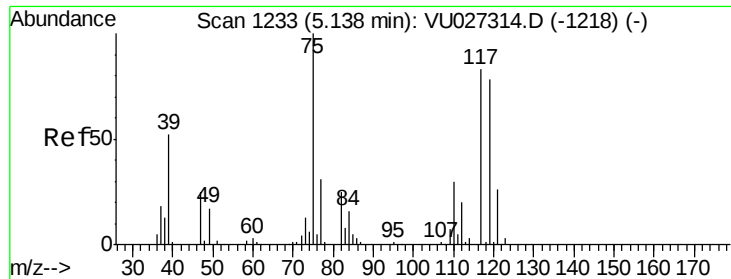
#35
 Dibromofluoromethane
 Concen: 57.030 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027474.D
 Acq: 05 Oct 2018 23:26

Tgt Ion:113 Resp: 73569
 Ion Ratio Lower Upper
 113 100
 111 104.2 83.1 124.7
 192 18.7 15.4 23.0



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

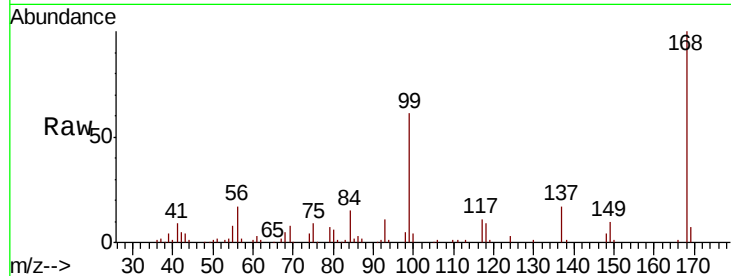




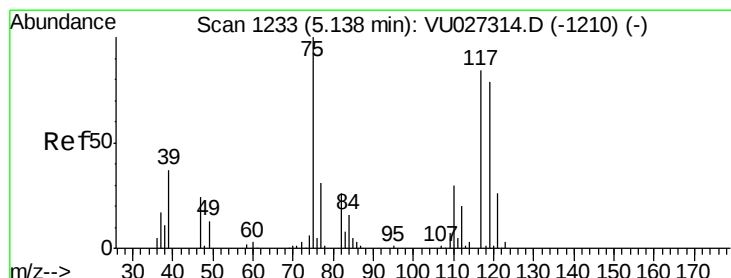
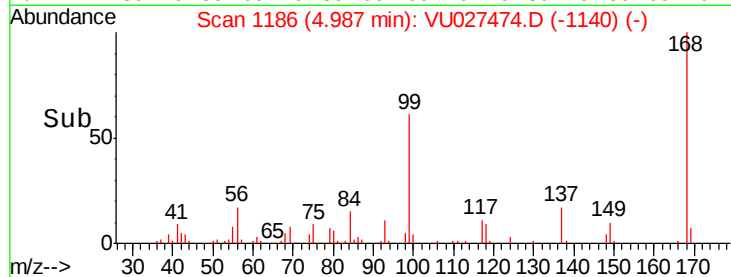
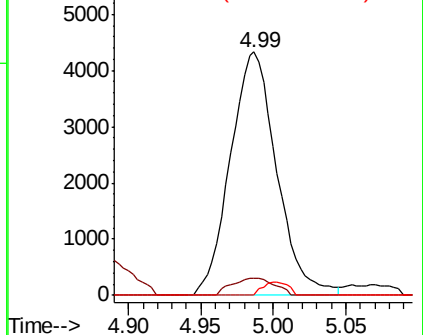
#36
 1,1-Dichloropropene
 Concen: 4.709 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027474.D
 Acq: 05 Oct 2018 23:26

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-12

Tgt Ion: 75 Resp: 9625
 Ion Ratio Lower Upper
 75 100
 110 6.5 15.5 46.5#
 77 2.9 25.4 38.0#

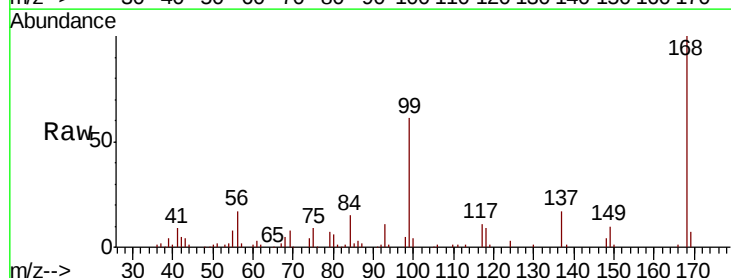


Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0

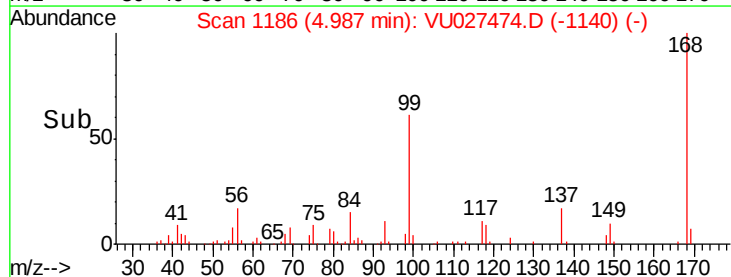
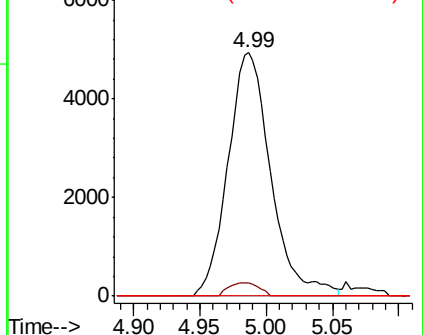


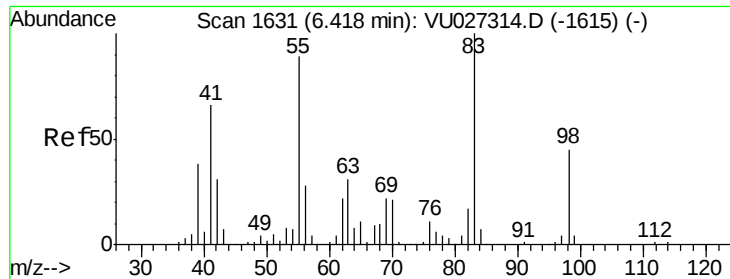
#38
 Carbon Tetrachloride
 Concen: 6.010 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027474.D
 Acq: 05 Oct 2018 23:26

Tgt Ion: 117 Resp: 11095
 Ion Ratio Lower Upper
 117 100
 119 5.3 74.5 111.7#
 121 0.0 24.6 37.0#



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

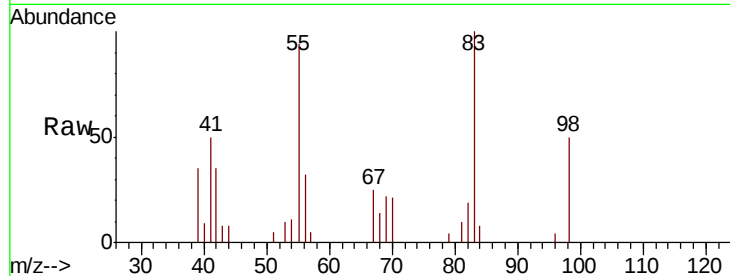




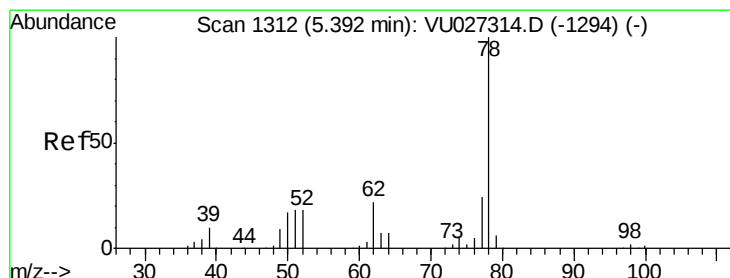
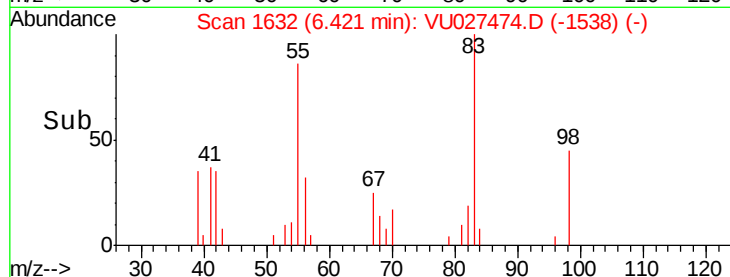
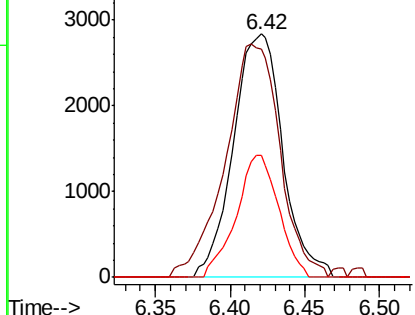
#39
Methylcyclohexane
Concen: 2.732 ug/l
RT: 6.42 min Scan# 1632
Delta R.T. 0.00 min
Lab File: VU027474.D
Acq: 05 Oct 2018 23:26

Instrument :
MSVOA_U
ClientSampleId :
MW-12

Tgt Ion: 83 Resp: 6528
Ion Ratio Lower Upper
83 100
55 89.8 71.1 106.7
98 50.0 36.3 54.5

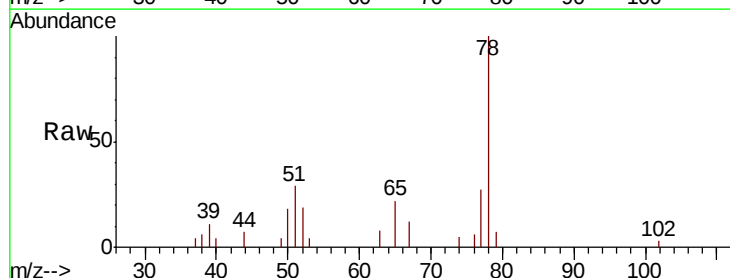


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

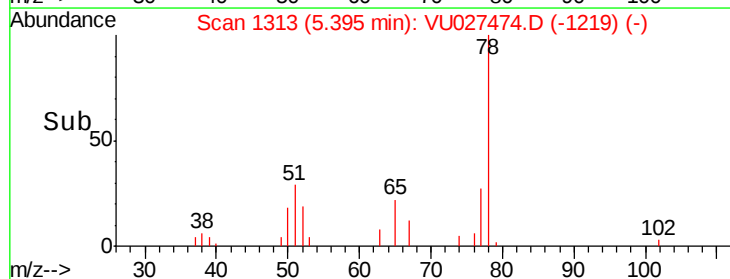
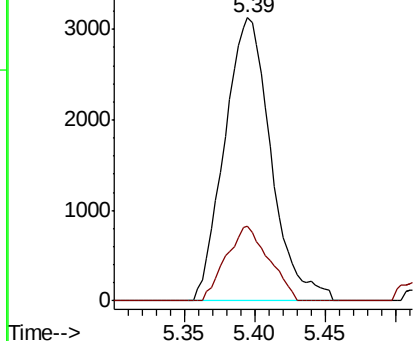


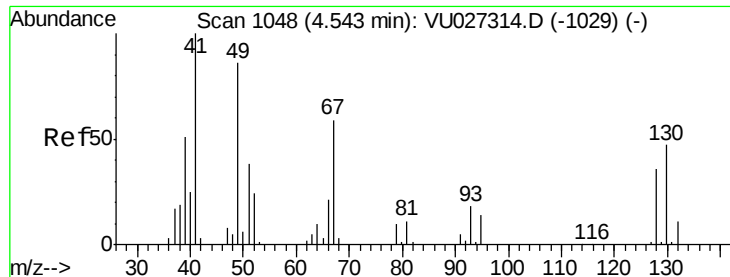
#40
Benzene
Concen: 1.210 ug/l
RT: 5.39 min Scan# 1313
Delta R.T. 0.00 min
Lab File: VU027474.D
Acq: 05 Oct 2018 23:26

Tgt Ion: 78 Resp: 7205
Ion Ratio Lower Upper
78 100
77 26.5 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

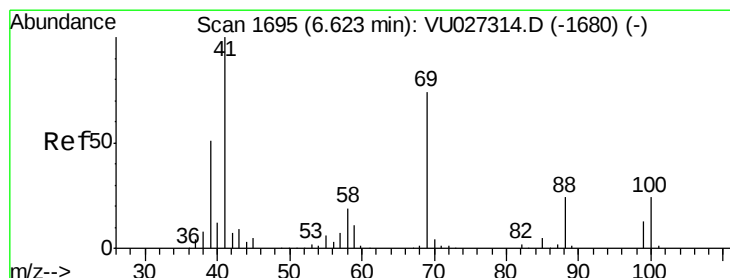
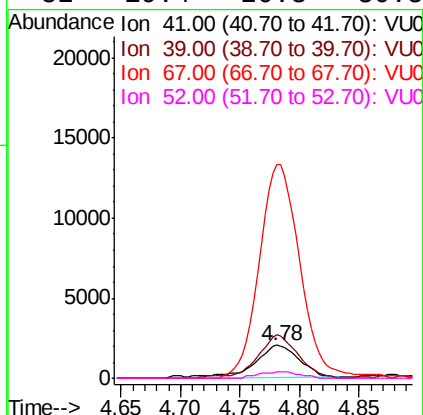
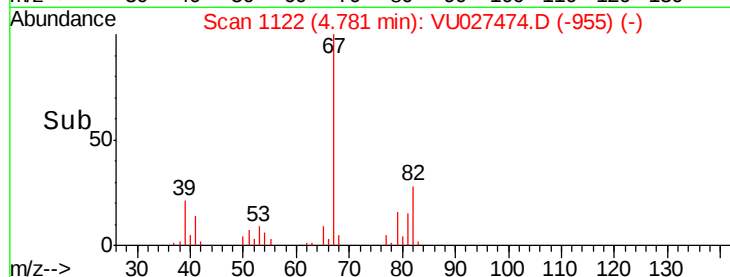
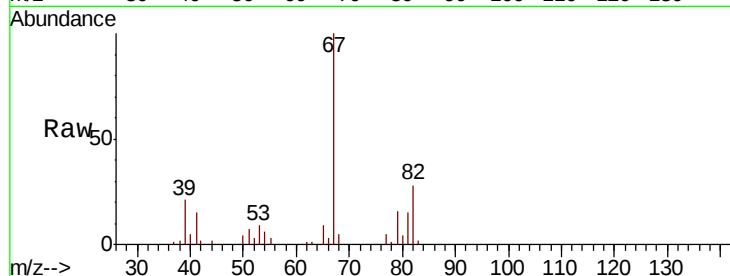




#41
Methacrylonitrile
Concen: 3.386 ug/l
RT: 4.78 min Scan# 1122
Delta R.T. 0.24 min
Lab File: VU027474.D
Acq: 05 Oct 2018 23:26

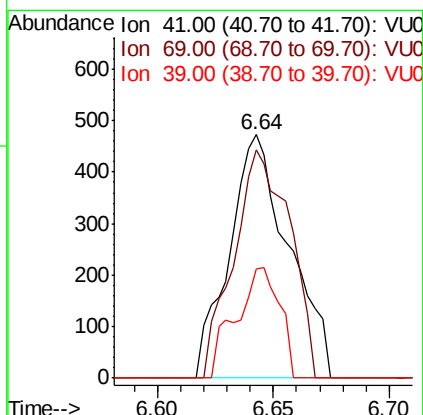
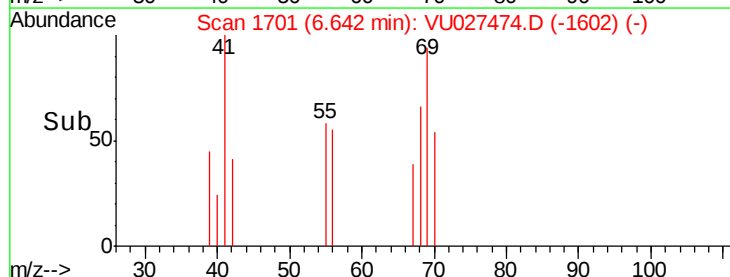
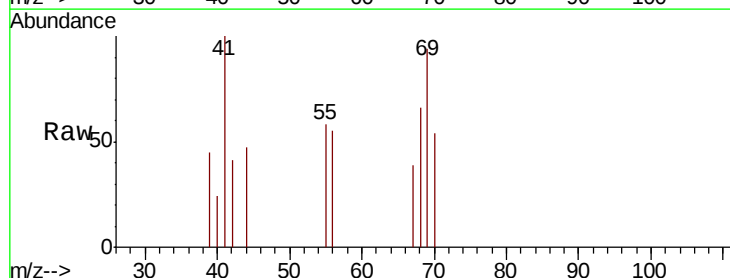
Instrument :
MSVOA_U
ClientSampleId :
MW-12

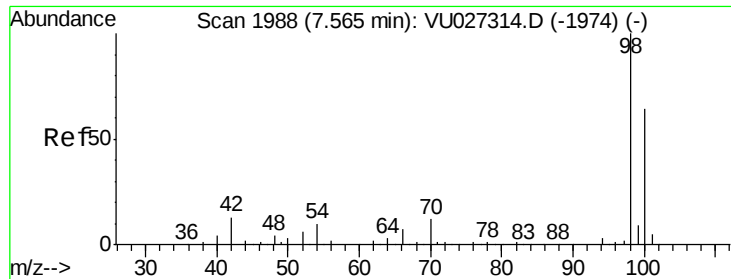
Tgt Ion:	41	Resp:	5055
Ion	Ratio	Lower	Upper
41	100		
39	127.2	41.1	61.7#
67	616.8	50.4	75.6#
52	19.4	20.3	30.5#



#48
Methyl methacrylate
Concen: 0.414 ug/l
RT: 6.64 min Scan# 1701
Delta R.T. 0.02 min
Lab File: VU027474.D
Acq: 05 Oct 2018 23:26

Tgt Ion:	41	Resp:	844
Ion	Ratio	Lower	Upper
41	100		
69	88.3	61.0	91.4
39	33.5	39.9	59.9#

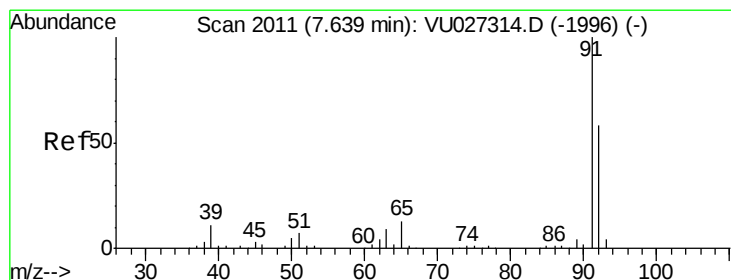
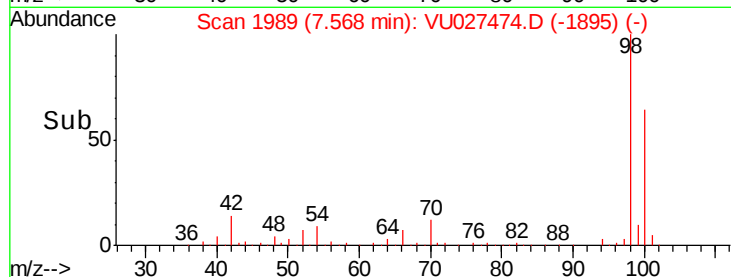
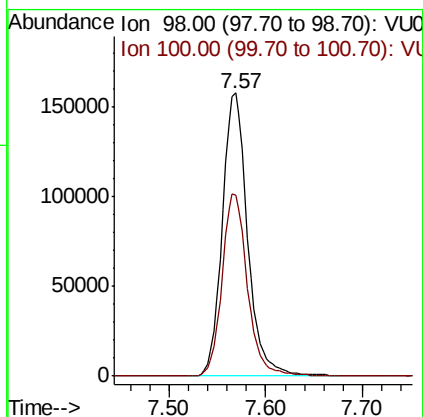
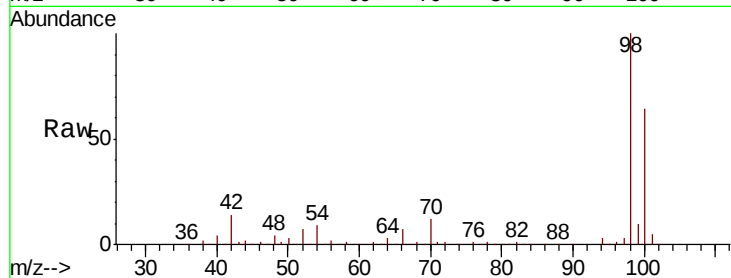




#50
Toluene-d8
Concen: 59.498 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027474.D
Acq: 05 Oct 2018 23:26

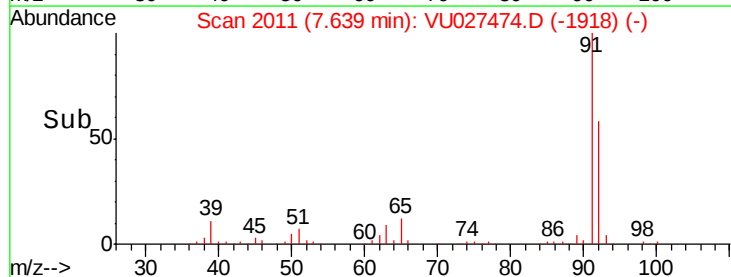
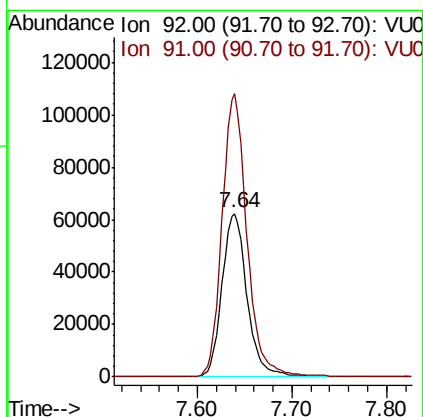
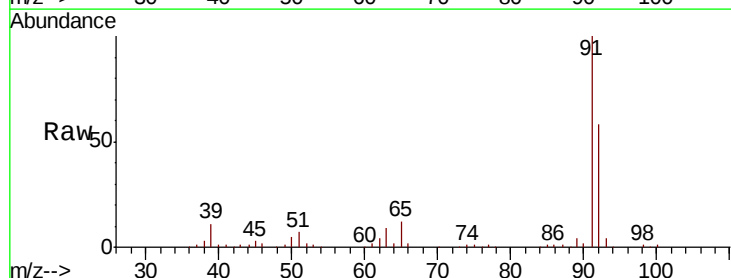
Instrument :
MSVOA_U
ClientSampleId :
MW-12

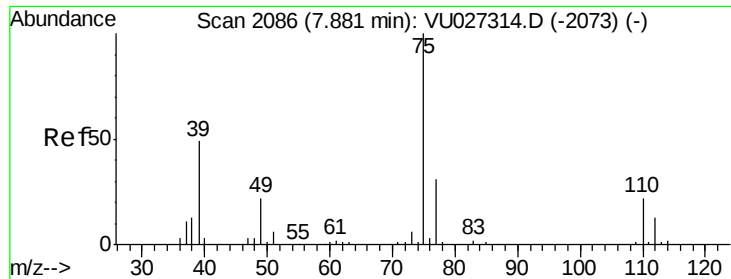
Tgt Ion: 98 Resp: 287258
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1



#52
Toluene
Concen: 32.651 ug/l
RT: 7.64 min Scan# 2011
Delta R.T. -0.00 min
Lab File: VU027474.D
Acq: 05 Oct 2018 23:26

Tgt Ion: 92 Resp: 115051
Ion Ratio Lower Upper
92 100
91 171.9 138.6 208.0

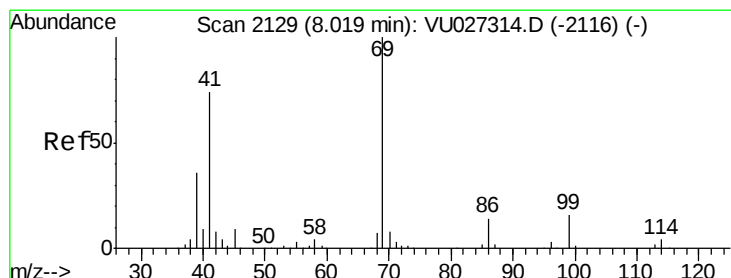
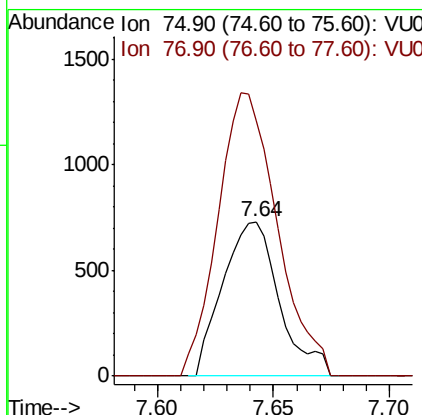
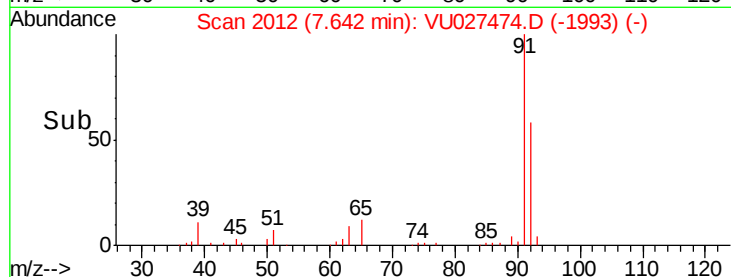
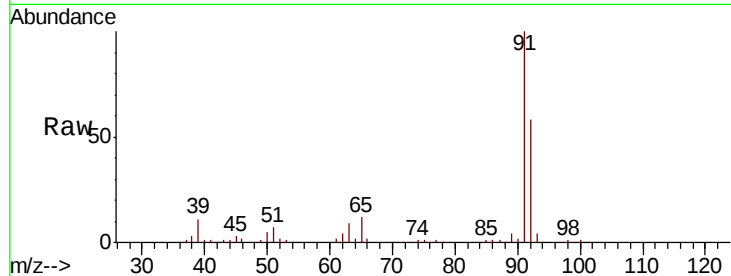




#53
t-1,3-Dichloropropene
Concen: 0.527 ug/l
RT: 7.64 min Scan# 2012
Delta R.T. -0.24 min
Lab File: VU027474.D
Acq: 05 Oct 2018 23:26

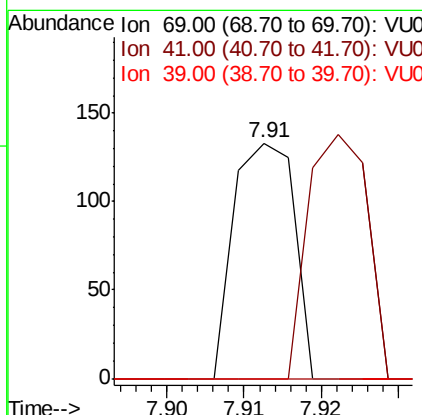
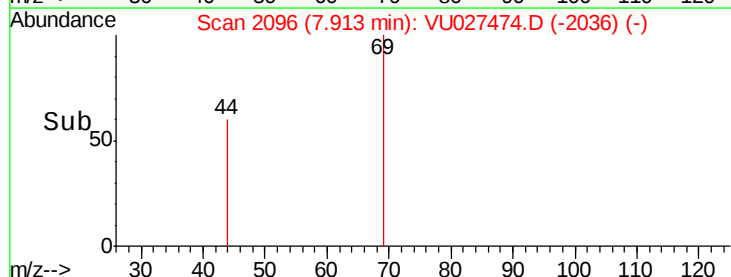
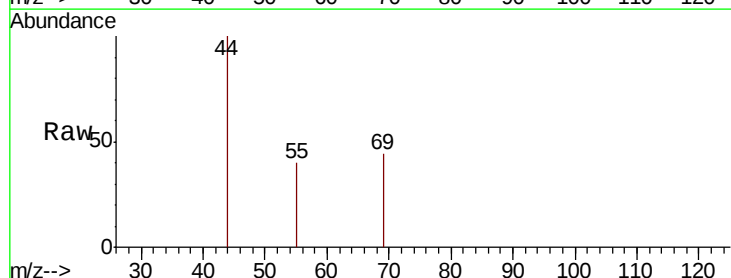
Instrument :
MSVOA_U
ClientSampled :
MW-12

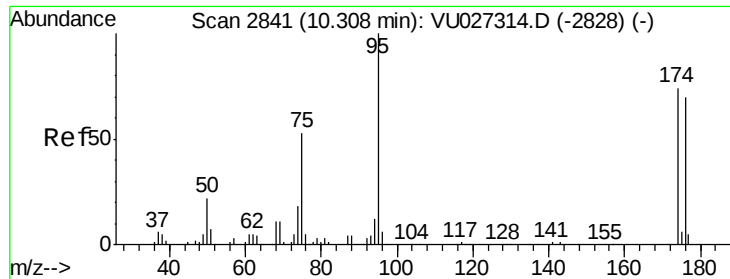
Tgt Ion: 75 Resp: 1243
Ion Ratio Lower Upper
75 100
77 165.1 25.0 37.6#



#56
Ethyl methacrylate
Concen: 2.298 ug/l
RT: 7.91 min Scan# 2096
Delta R.T. -0.11 min
Lab File: VU027474.D
Acq: 05 Oct 2018 23:26

Tgt Ion: 69 Resp: 73
Ion Ratio Lower Upper
69 100
41 100.0 60.0 90.0#
39 0.0 29.5 44.3#

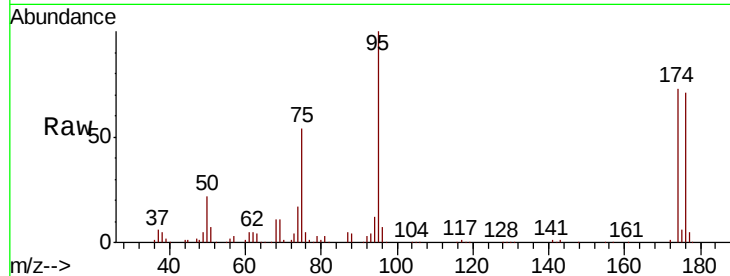




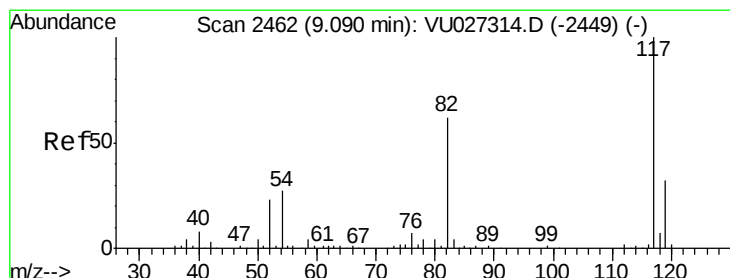
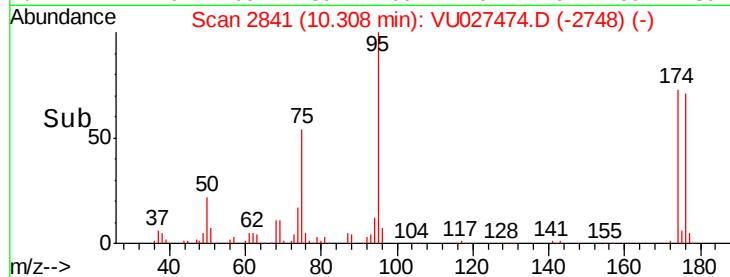
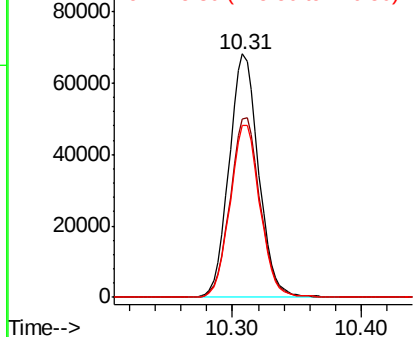
#62
 4-Bromofluorobenzene
 Concen: 60.318 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.00 min
 Lab File: VU027474.D
 Acq: 05 Oct 2018 23:26

Instrument :
 MSVOA_U
 ClientSampled :
 MW-12

Tgt Ion: 95 Resp: 108228
 Ion Ratio Lower Upper
 95 100
 174 75.0 0.0 147.8
 176 71.8 0.0 140.8

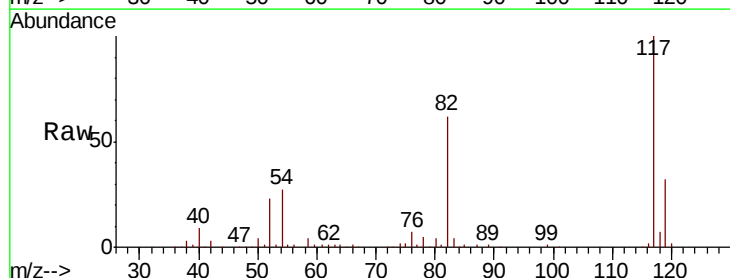


Abundance Ion 94.90 (94.60 to 95.60): VU027474.D (-2748) (-)
 Ion 173.80 (173.50 to 174.50): VU027474.D (-2748) (-)
 Ion 175.80 (175.50 to 176.50): VU027474.D (-2748) (-)

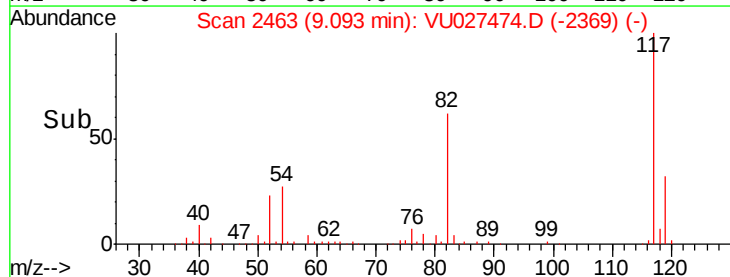
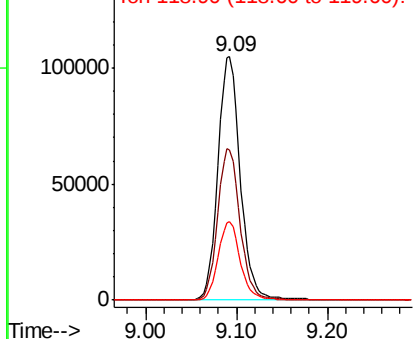


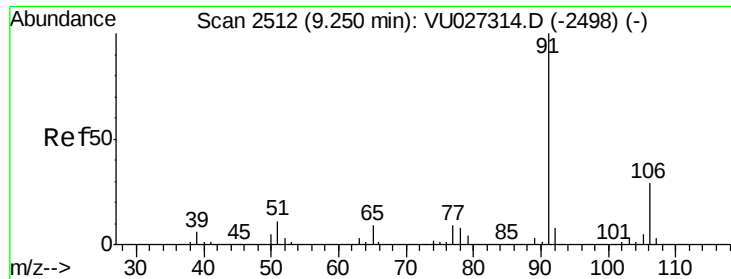
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: VU027474.D
 Acq: 05 Oct 2018 23:26

Tgt Ion: 117 Resp: 179248
 Ion Ratio Lower Upper
 117 100
 82 61.8 49.2 73.8
 119 32.4 25.7 38.5



Abundance Ion 116.90 (116.60 to 117.60): VU027474.D (-2369) (-)
 Ion 82.00 (81.70 to 82.70): VU027474.D (-2369) (-)
 Ion 118.90 (118.60 to 119.60): VU027474.D (-2369) (-)

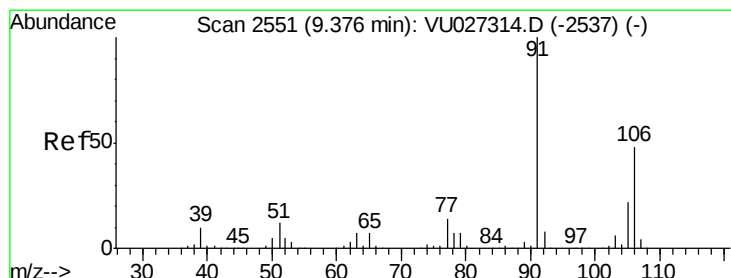
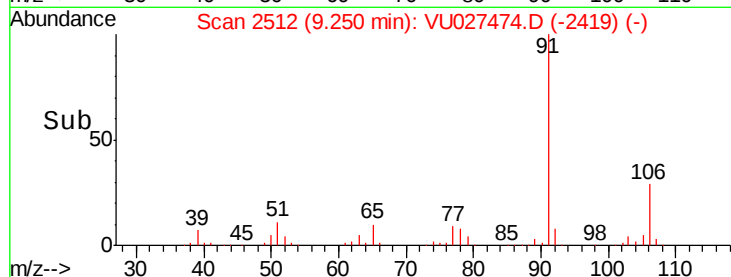
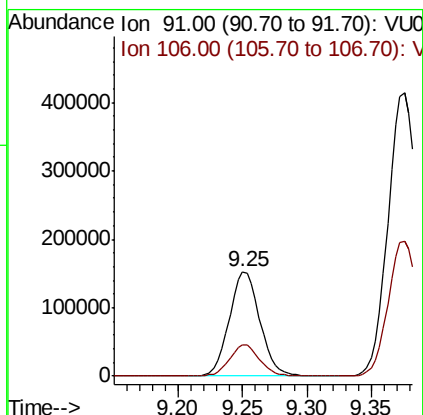
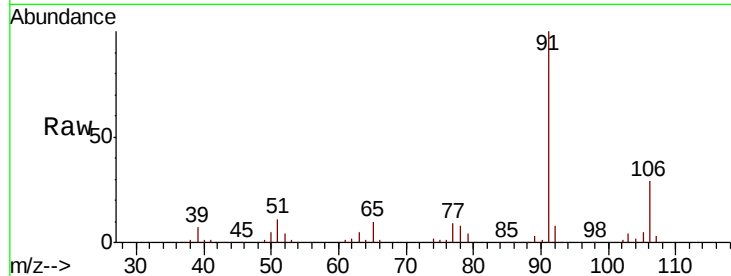




#67
Ethyl Benzene
Concen: 37.700 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. -0.00 min
Lab File: VU027474.D
Acq: 05 Oct 2018 23:26

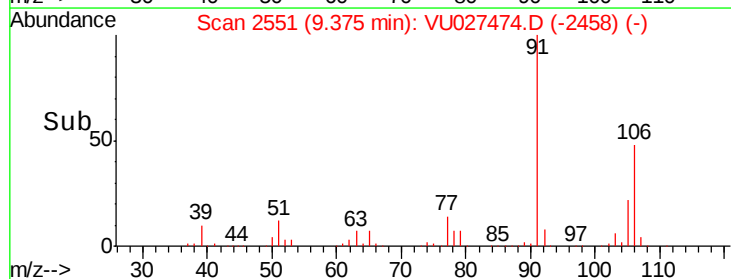
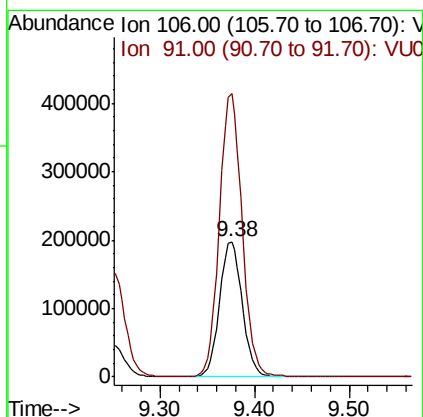
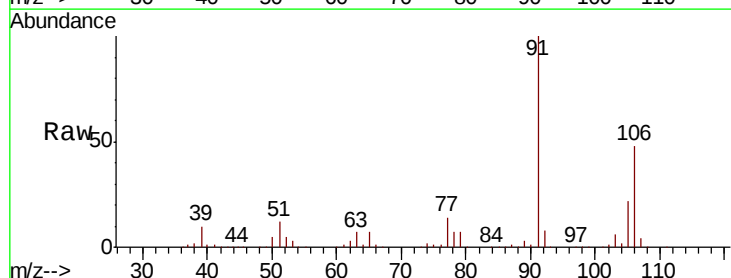
Instrument :
MSVOA_U
ClientSampled :
MW-12

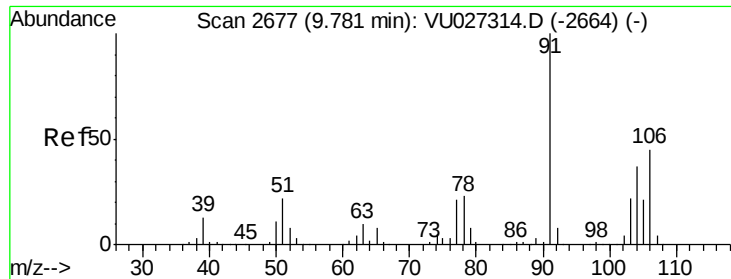
Tgt Ion: 91 Resp: 252014
Ion Ratio Lower Upper
91 100
106 29.5 23.6 35.4



#68
m/p-Xylenes
Concen: 134.943 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. -0.00 min
Lab File: VU027474.D
Acq: 05 Oct 2018 23:26

Tgt Ion: 106 Resp: 329961
Ion Ratio Lower Upper
106 100
91 209.6 168.1 252.1

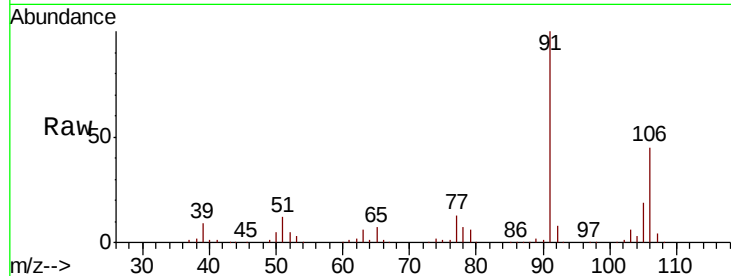




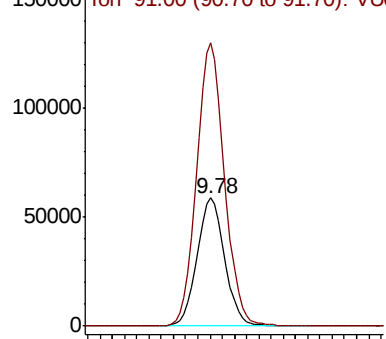
#69
o-Xylene
Concen: 40.113 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VU027474.D
Acq: 05 Oct 2018 23:26

Instrument :
MSVOA_U
ClientSampleId :
MW-12

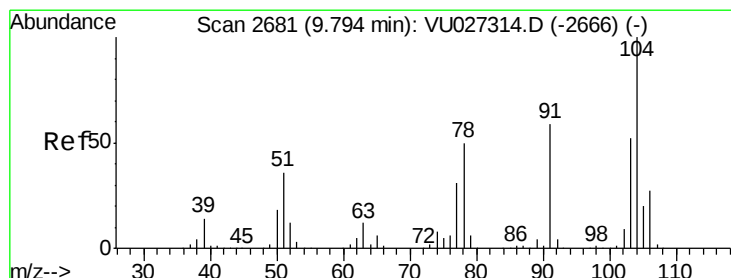
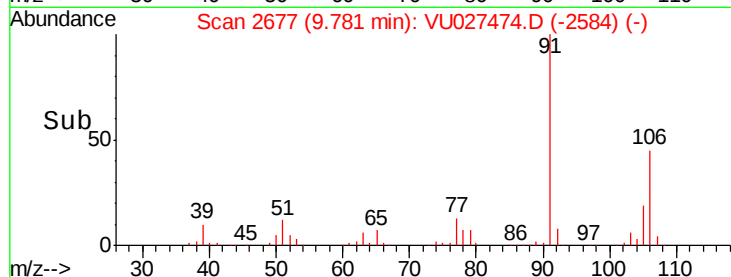
Tgt Ion:106 Resp: 93207
Ion Ratio Lower Upper
106 100
91 222.3 111.7 334.9



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

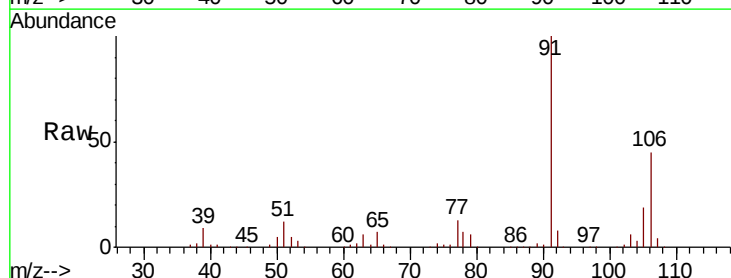


Time-->

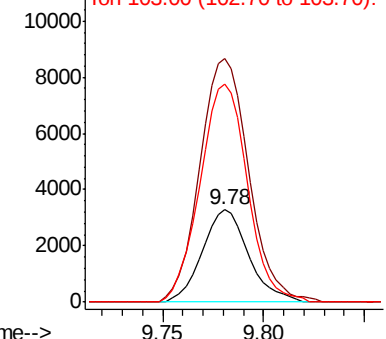


#70
Styrene
Concen: 3.459 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. -0.01 min
Lab File: VU027474.D
Acq: 05 Oct 2018 23:26

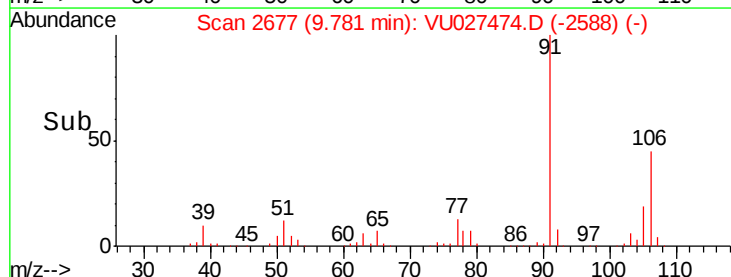
Tgt Ion:104 Resp: 5279
Ion Ratio Lower Upper
104 100
78 278.5 42.9 64.3#
103 242.1 43.9 65.9#

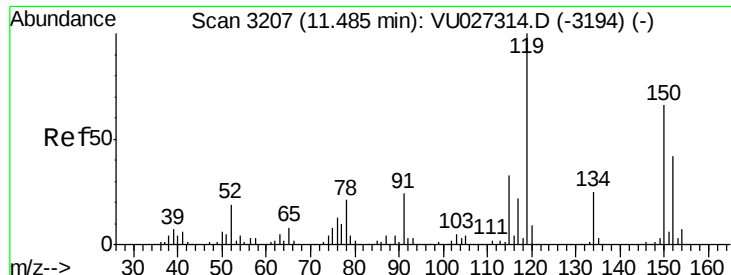


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V



Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. -0.00 min

Lab File: VU027474.D

Acq: 05 Oct 2018 23:26

Instrument :

MSVOA_U

ClientSampleId :

MW-12

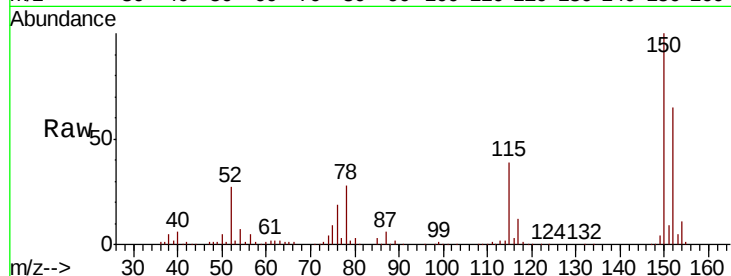
Tgt Ion:152 Resp: 103817

Ion Ratio Lower Upper

152 100

115 60.1 43.4 130.2

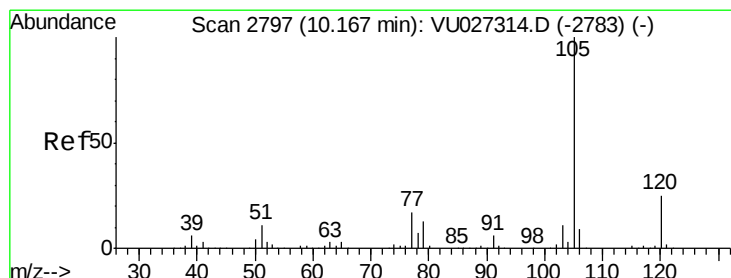
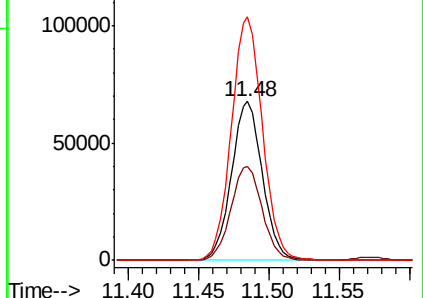
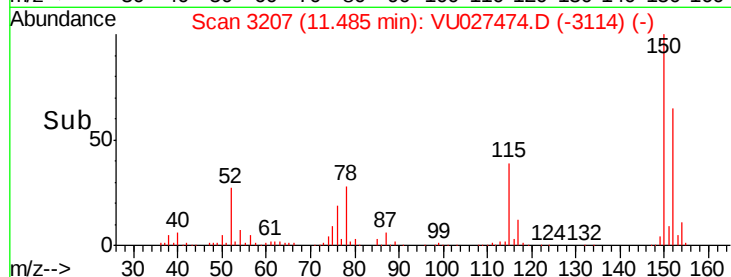
150 155.0 0.0 349.2



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: 1.093 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. -0.00 min

Lab File: VU027474.D

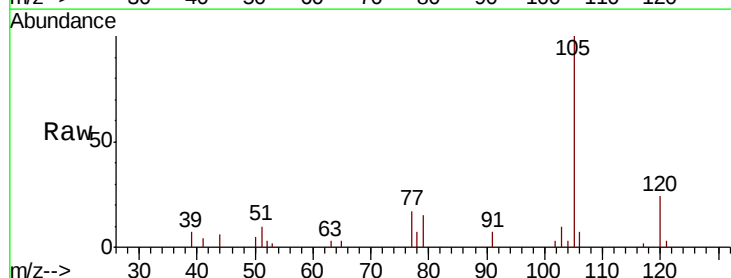
Acq: 05 Oct 2018 23:26

Tgt Ion:105 Resp: 8243

Ion Ratio Lower Upper

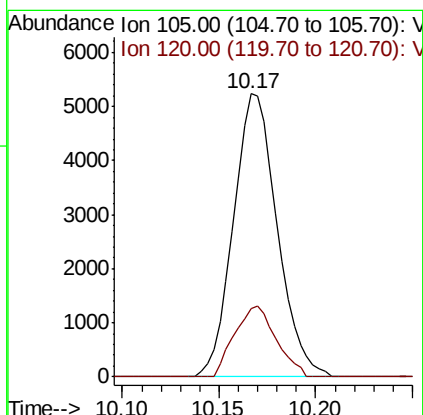
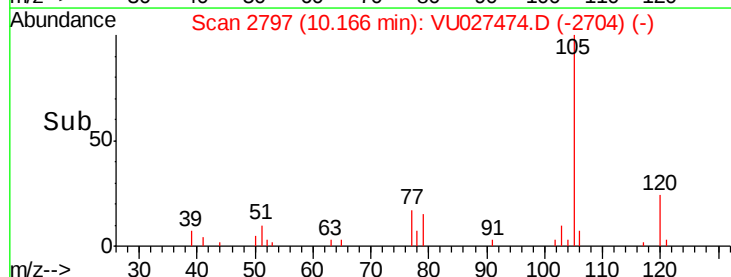
105 100

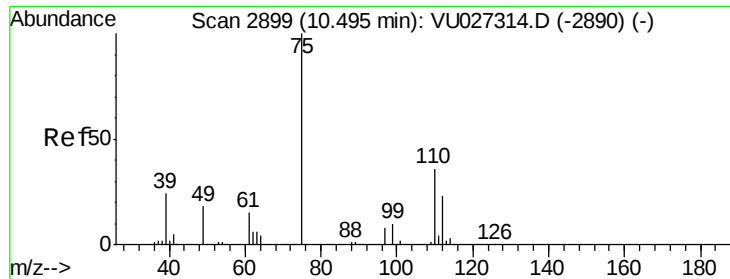
120 23.7 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 21.711 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027474.D

Acq: 05 Oct 2018 23:26

Instrument :

MSVOA_U

ClientSampleId :

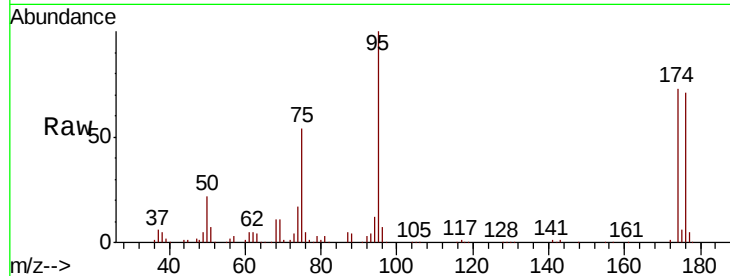
MW-12

Tgt Ion: 75 Resp: 58427

Ion Ratio Lower Upper

75 100

77 1.1 20.3 60.9#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

10.31

40000

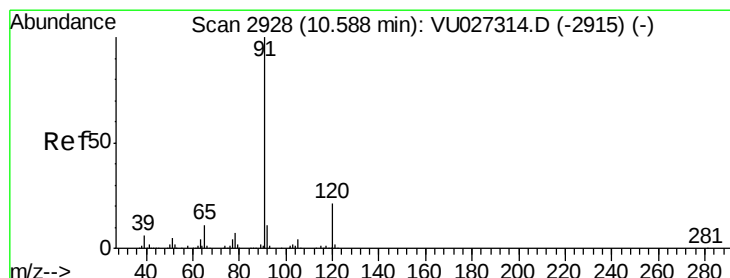
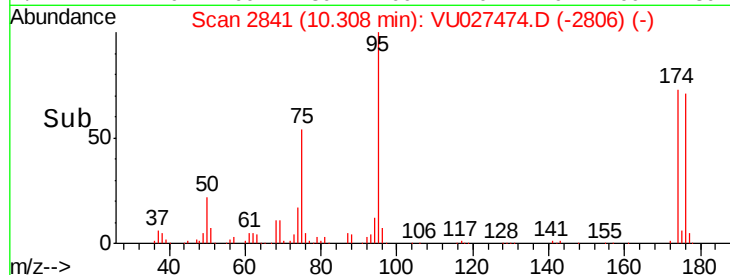
30000

20000

10000

0

Time-->



#78

n-propylbenzene

Concen: 2.459 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. -0.00 min

Lab File: VU027474.D

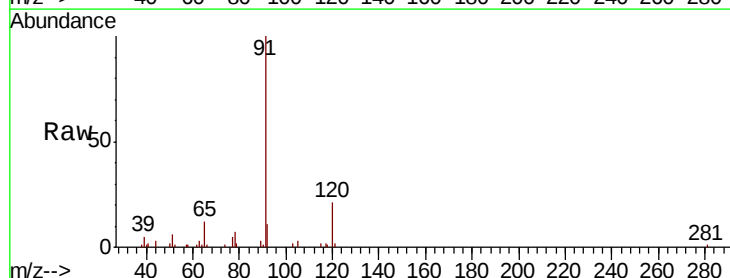
Acq: 05 Oct 2018 23:26

Tgt Ion: 91 Resp: 22283

Ion Ratio Lower Upper

91 100

120 20.6 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

20000

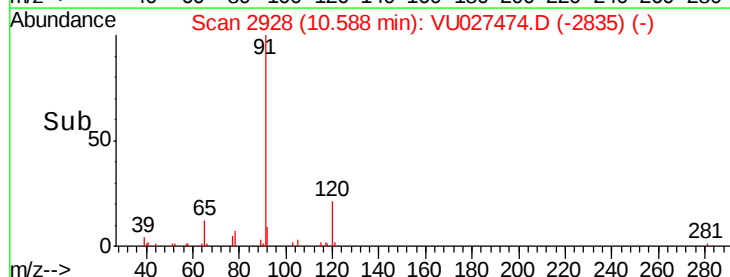
15000

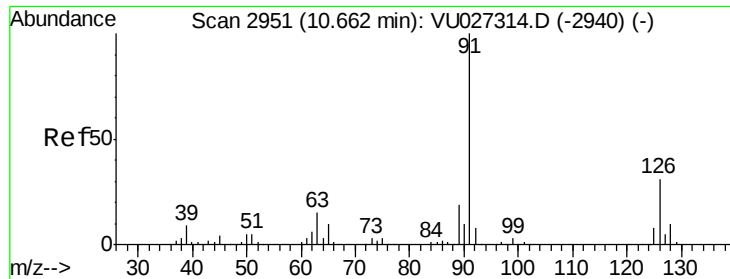
10000

5000

0

Time-->





#79

2-Chlorotoluene

Concen: 3.165 ug/l

RT: 10.68 min Scan# 2957

Delta R.T. 0.02 min

Lab File: VU027474.D

Acq: 05 Oct 2018 23:26

Instrument :

MSVOA_U

ClientSampleId :

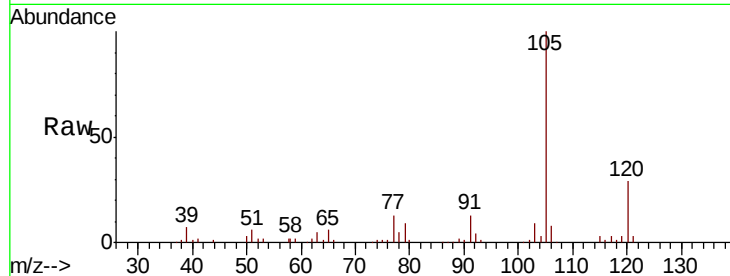
MW-12

Tgt Ion: 91 Resp: 17315

Ion Ratio Lower Upper

91 100

126 0.0 15.7 47.1#



Abundance Ion 91.00 (90.70 to 91.70): VU027314.D (-2940) (-)

Ion 125.90 (125.60 to 126.60): VU027314.D (-2940) (-)

12000

10000

8000

6000

4000

2000

0

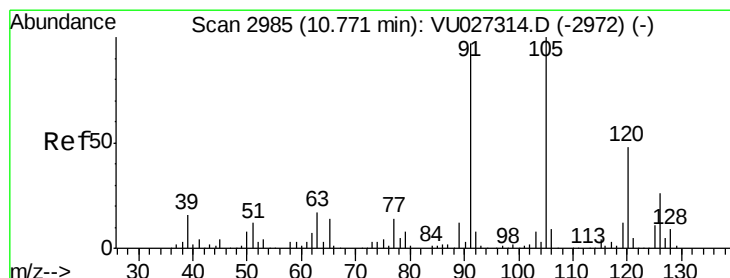
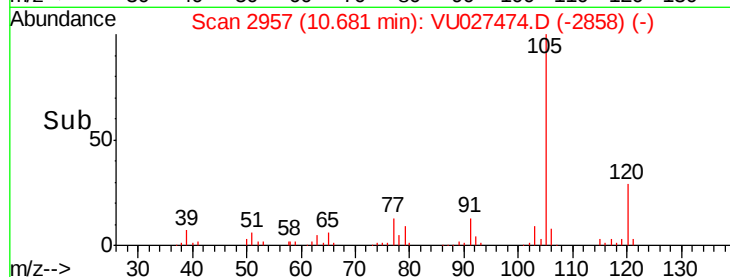
10.68

10.65

10.70

10.75

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 6.687 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU027474.D

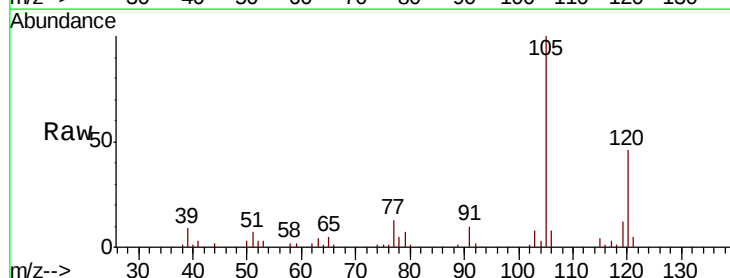
Acq: 05 Oct 2018 23:26

Tgt Ion: 105 Resp: 41049

Ion Ratio Lower Upper

105 100

120 45.8 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VU027314.D (-2972) (-)

Ion 120.00 (119.70 to 120.70): VU027314.D (-2972) (-)

30000

20000

10000

0

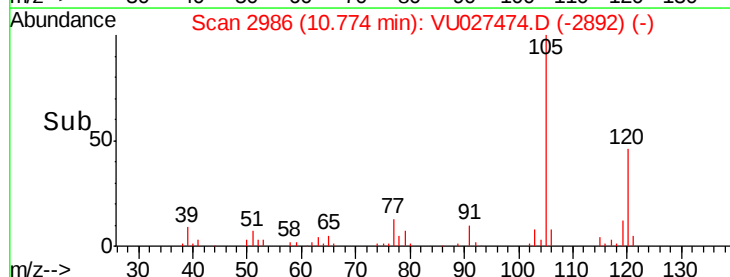
10.77

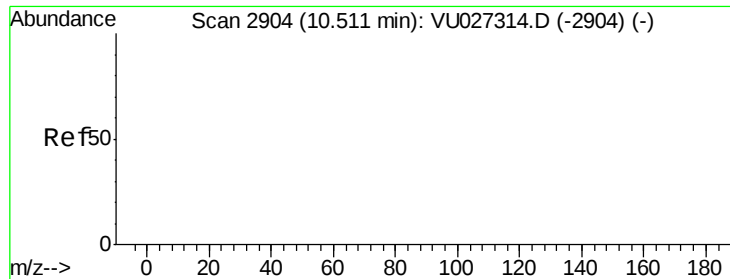
10.75

10.80

10.85

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 56.819 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.20 min

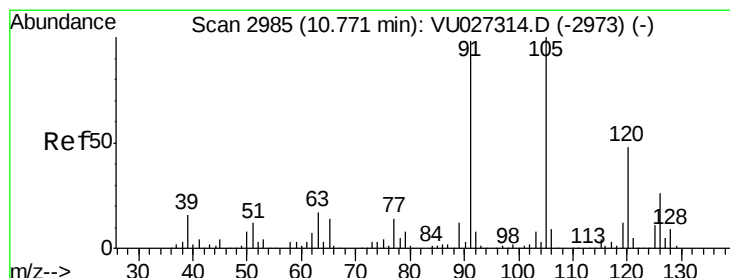
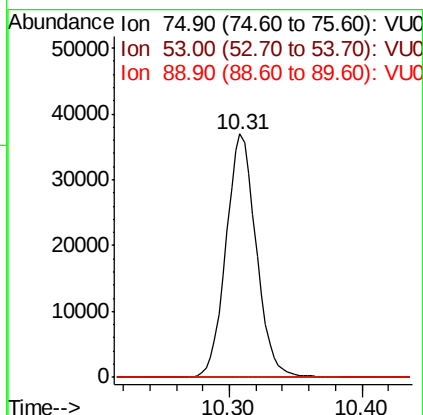
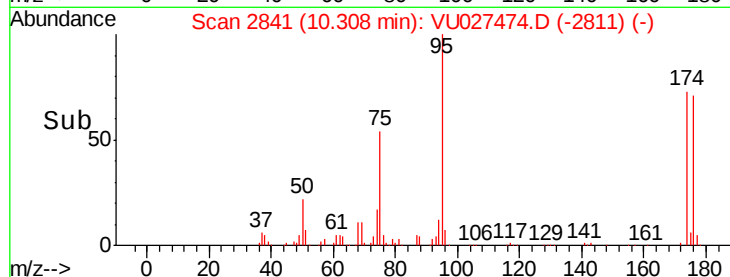
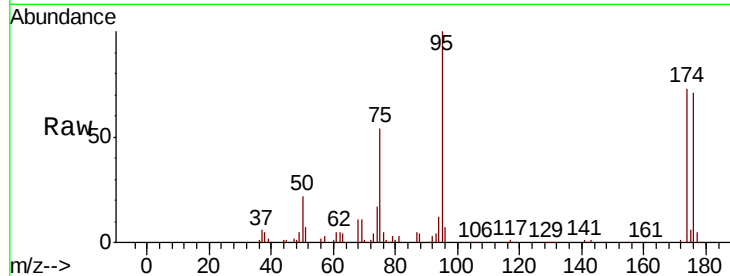
Lab File: VU027474.D

Acq: 05 Oct 2018 23:26

Instrument :
MSVOA_U
ClientSampleId :
MW-12

Tgt Ion: 75 Resp: 58427

Ion	Ratio	Lower	Upper
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0



#82

4-Chlorotoluene

Concen: 0.723 ug/l

RT: 10.77 min Scan# 2986

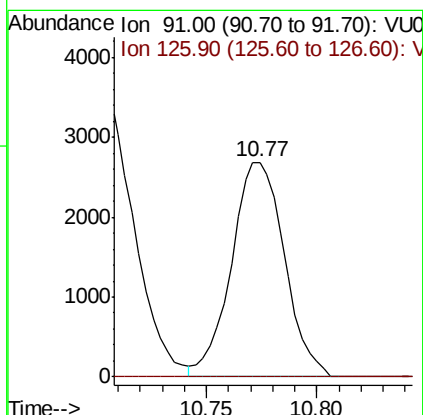
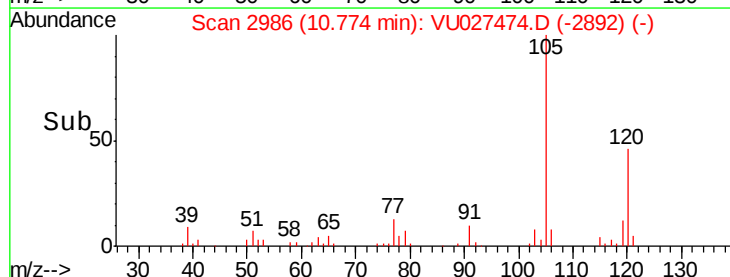
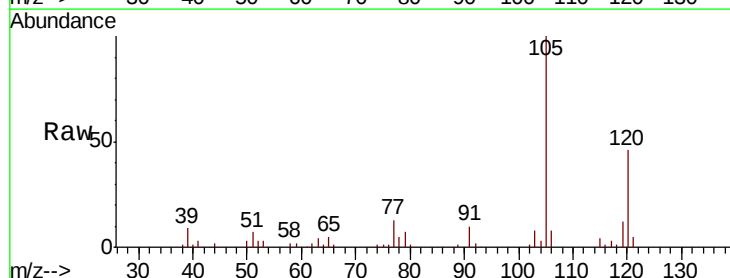
Delta R.T. 0.00 min

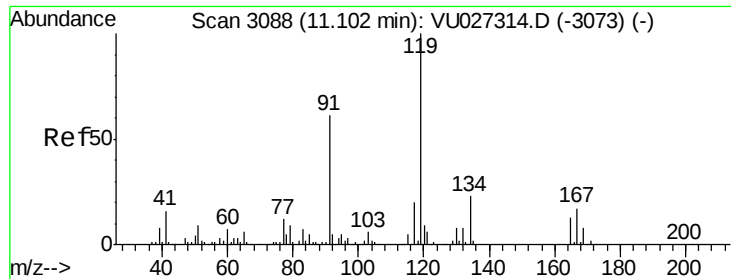
Lab File: VU027474.D

Acq: 05 Oct 2018 23:26

Tgt Ion: 91 Resp: 4486

Ion	Ratio	Lower	Upper
91	100		
126	0.0	13.6	40.8#

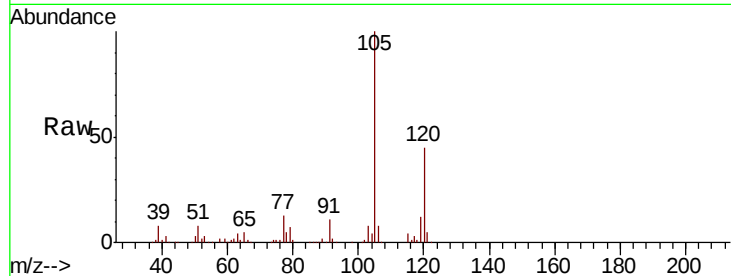




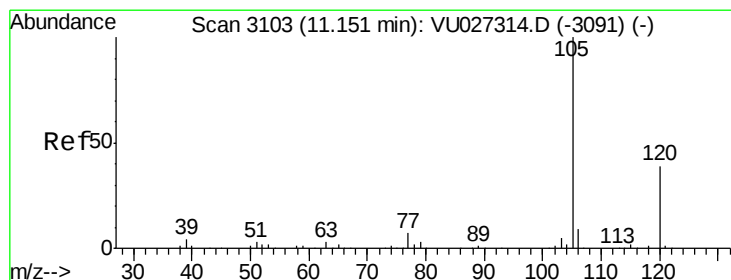
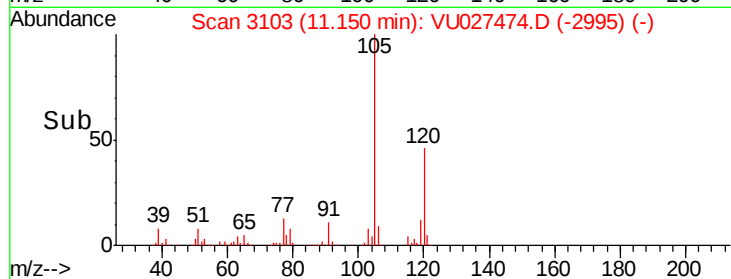
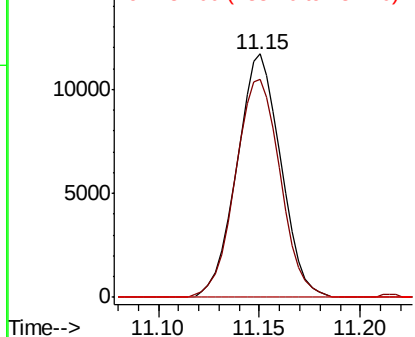
#83
 tert-Butylbenzene
 Concen: 3.005 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. 0.05 min
 Lab File: VU027474.D
 Acq: 05 Oct 2018 23:26

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-12

Tgt Ion:119 Resp: 17831
 Ion Ratio Lower Upper
 119 100
 91 91.8 30.3 91.0#
 134 0.0 11.5 34.4#

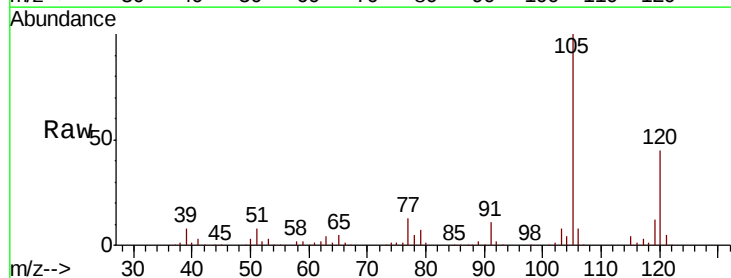


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

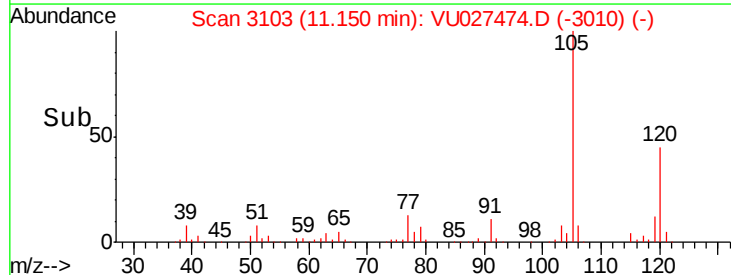
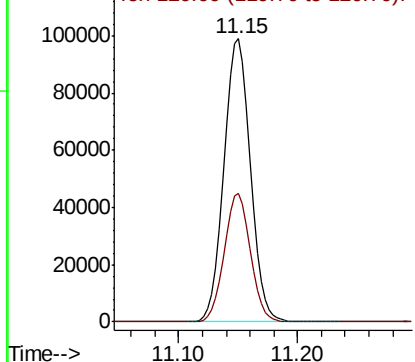


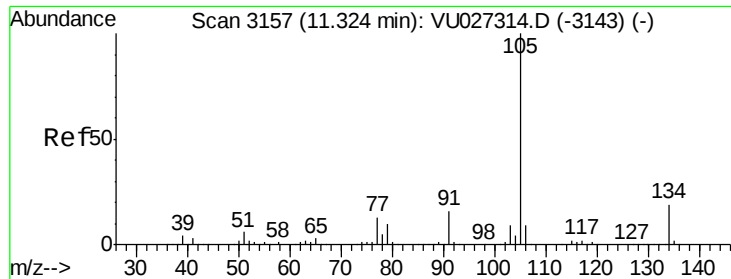
#84
 1,2,4-Trimethylbenzene
 Concen: 24.327 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. -0.00 min
 Lab File: VU027474.D
 Acq: 05 Oct 2018 23:26

Tgt Ion:105 Resp: 152547
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.401 ug/l

RT: 11.15 min Scan# 3103

Delta R.T. -0.17 min

Lab File: VU027474.D

Acq: 05 Oct 2018 23:26

Instrument :

MSVOA_U

ClientSampled :

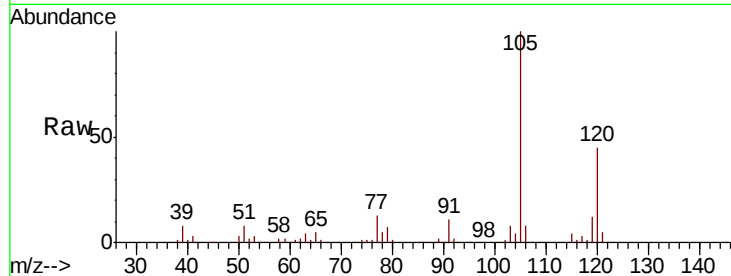
MW-12

Tgt Ion:105 Resp: 152547

Ion Ratio Lower Upper

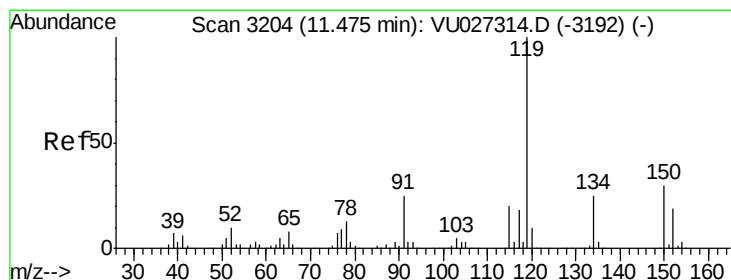
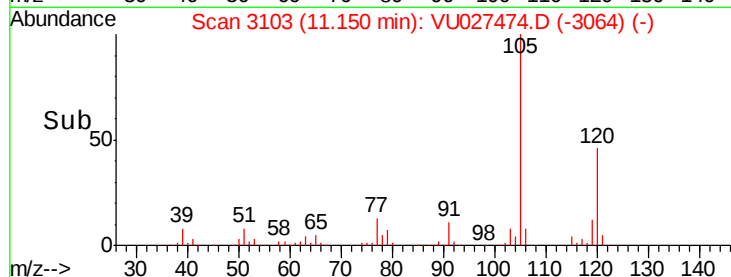
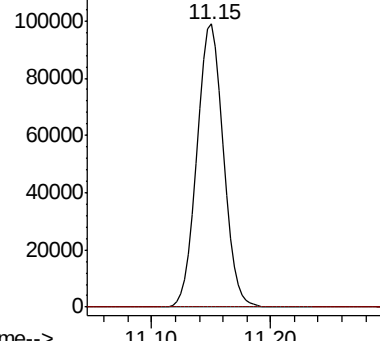
105 100

134 0.0 9.6 28.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.246 ug/l

RT: 11.43 min Scan# 3190

Delta R.T. -0.05 min

Lab File: VU027474.D

Acq: 05 Oct 2018 23:26

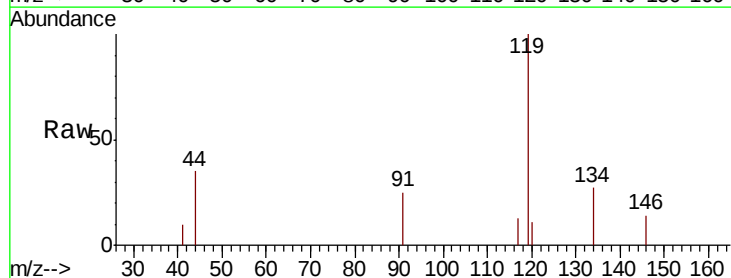
Tgt Ion:119 Resp: 1575

Ion Ratio Lower Upper

119 100

134 20.2 12.7 38.1

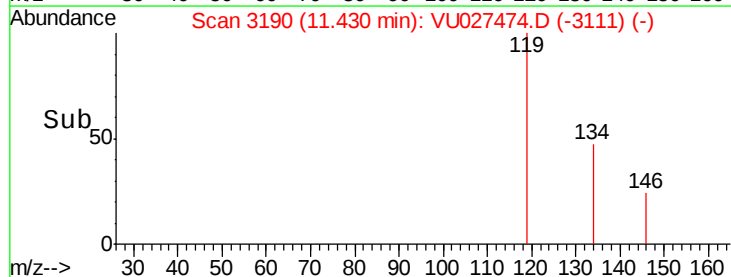
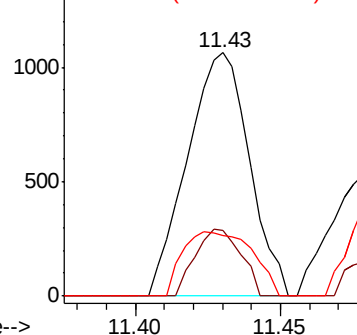
91 29.5 12.2 36.4

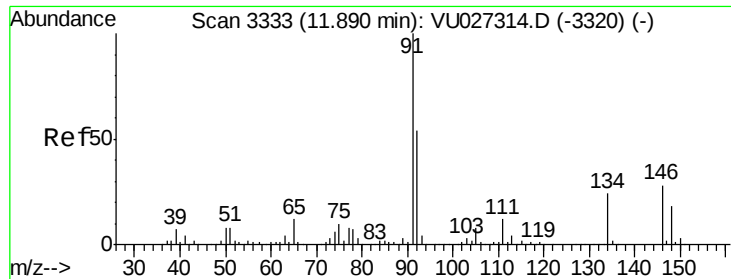


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0





#89

n-Butylbenzene

Concen: 2.422 ug/l

RT: 11.89 min Scan# 3333

Delta R.T. -0.00 min

Lab File: VU027474.D

Acq: 05 Oct 2018 23:26

Instrument :

MSVOA_U

ClientSampleId :

MW-12

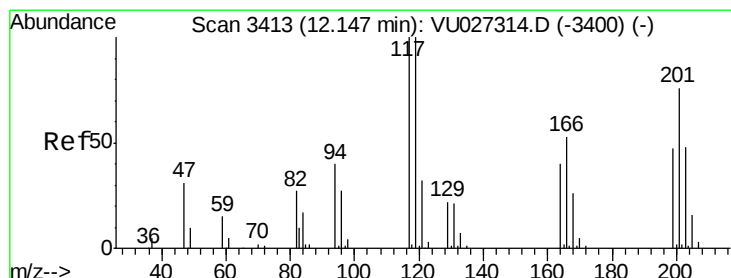
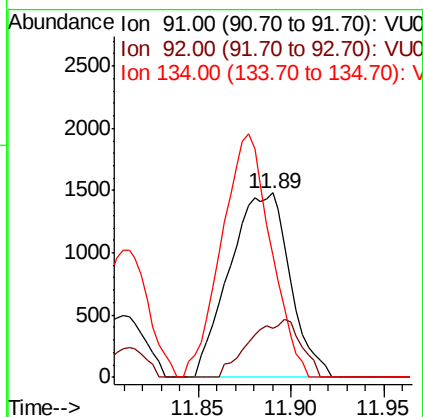
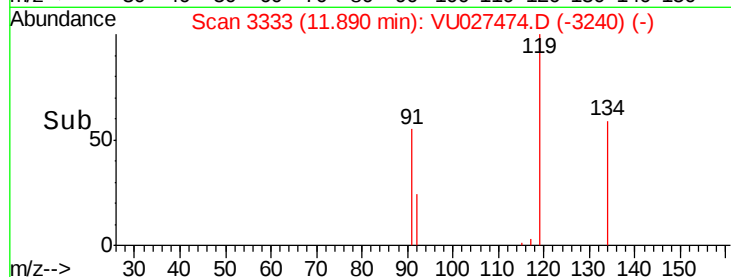
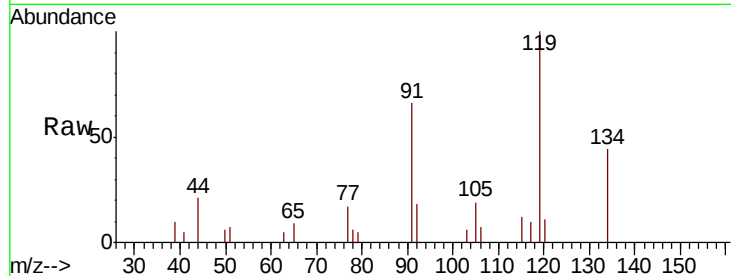
Tgt Ion: 91 Resp: 3340

Ion Ratio Lower Upper

91 100

92 26.7 27.0 81.0#

134 107.6 11.7 35.1#



#90

Hexachloroethane

Concen: 0.472 ug/l

RT: 12.15 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VU027474.D

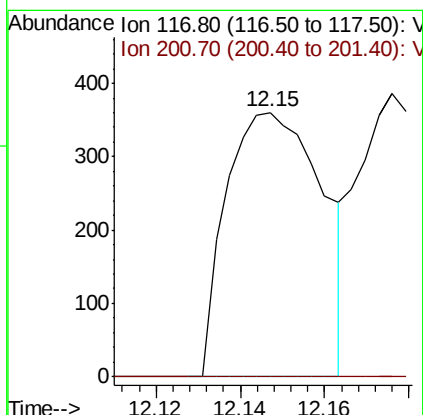
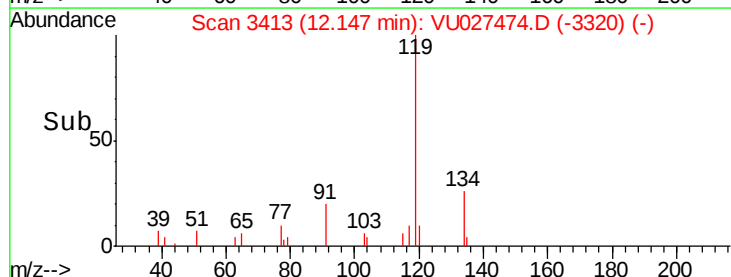
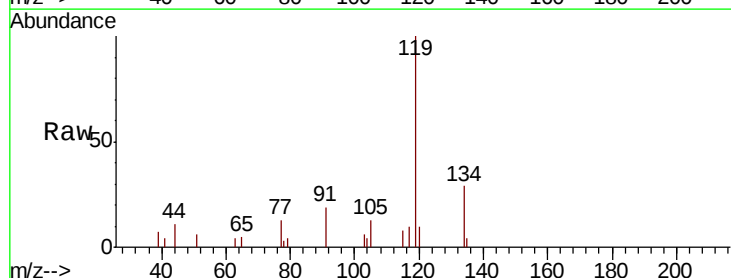
Acq: 05 Oct 2018 23:26

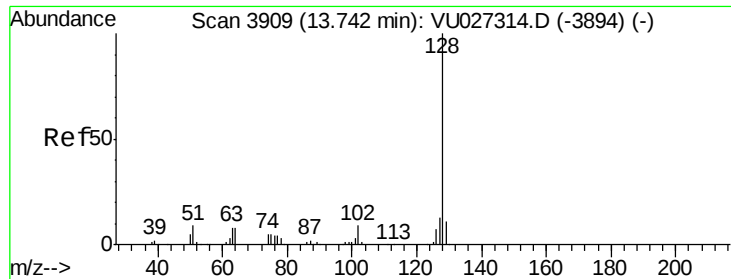
Tgt Ion: 117 Resp: 570

Ion Ratio Lower Upper

117 100

201 0.0 37.9 113.6#





#95
Naphthalene
Concen: 11.130 ug/l
RT: 13.75 min Scan# 3910
Delta R.T. 0.00 min
Lab File: VU027474.D
Acq: 05 Oct 2018 23:26

Instrument :
MSVOA_U
ClientSampleId :
MW-12

Tgt Ion:128 Resp: 76882
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 10.8 8.6 12.8

