

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092818\
 Data File : VU027247.D
 Acq On : 28 Sep 2018 00:29
 Operator : MD/SY
 Sample : J5029-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T11-MW-13-8.0-092018

Quant Time: Sep 28 03:43:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	90026	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	152497	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	145274	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	73931	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	96005	52.99	ug/l	0.00
Spiked Amount			Recovery	=	105.98%	
35) Dibromofluoromethane	4.88	113	66028	49.95	ug/l	0.00
Spiked Amount			Recovery	=	99.90%	
50) Toluene-d8	7.57	98	246005	48.83	ug/l	0.00
Spiked Amount			Recovery	=	97.66%	
62) 4-Bromofluorobenzene	10.31	95	82196	47.55	ug/l	0.00
Spiked Amount			Recovery	=	95.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.59	64	12534	10.370	ug/l #	53
11) Tert butyl alcohol	2.83	59	5992	14.428	ug/l #	72
14) Allyl chloride	2.44	41	1521	0.603	ug/l #	67
15) Acrylonitrile	3.00	53	1228	1.173	ug/l #	17
16) Acetone	2.32	43	14274	Below Cal		95
18) Methyl Acetate	2.45	43	4459	1.729	ug/l #	55
19) Methyl tert-butyl Ether	3.00	73	86011	18.824	ug/l	100
29) Tetrahydrofuran	4.66	42	562	0.610	ug/l #	37
31) Cyclohexane	4.99	56	3774	0.832	ug/l #	9
36) 1,1-Dichloropropene	4.98	75	8341	4.098	ug/l #	49
38) Carbon Tetrachloride	4.99	117	9242	4.772	ug/l #	20
39) Methylcyclohexane	6.42	83	1715	0.775	ug/l #	67
40) Benzene	5.39	78	9578	1.548	ug/l	97
41) Methacrylonitrile	4.66	41	324	0.226	ug/l #	32
48) Methyl methacrylate	6.50	41	140	1.075	ug/l #	48
51) 4-Methyl-2-Pentanone	7.57	43	1339	0.495	ug/l #	1
55) 1,1,2-Trichloroethane	8.04	97	770	0.512	ug/l #	13
56) Ethyl methacrylate	8.04	69	136	2.243	ug/l #	14
68) m/p-Xylenes	9.38	106	454	1.675	ug/l	79
69) o-Xylene	9.78	106	513	0.229	ug/l	91
73) Isopropylbenzene	10.17	105	24122	4.289	ug/l	98
74) N-amyl acetate	10.07	43	1254	0.385	ug/l #	44
76) 1,2,3-Trichloropropane	10.31	75	45192	20.121	ug/l #	36
78) n-propylbenzene	10.59	91	38557	5.794	ug/l	99
79) 2-Chlorotoluene	10.59	91	38557	9.225	ug/l #	43
80) 1,3,5-Trimethylbenzene	10.97	105	1363	0.294	ug/l	66
81) trans-1,4-Dichloro-2-buten	10.31	75	45192	64.391	ug/l #	100
82) 4-Chlorotoluene	10.59	91	38557	8.227	ug/l #	47
83) tert-Butylbenzene	11.10	119	2818	0.614	ug/l	71
84) 1,2,4-Trimethylbenzene	11.15	105	2591	0.548	ug/l	93
85) sec-Butylbenzene	11.32	105	15619	2.788	ug/l	99
86) p-Isopropyltoluene	11.69	119	7895	2.401	ug/l	94
89) n-Butylbenzene	11.89	91	5933	3.501	ug/l #	65
90) Hexachloroethane	12.25	117	5519	5.417	ug/l #	13

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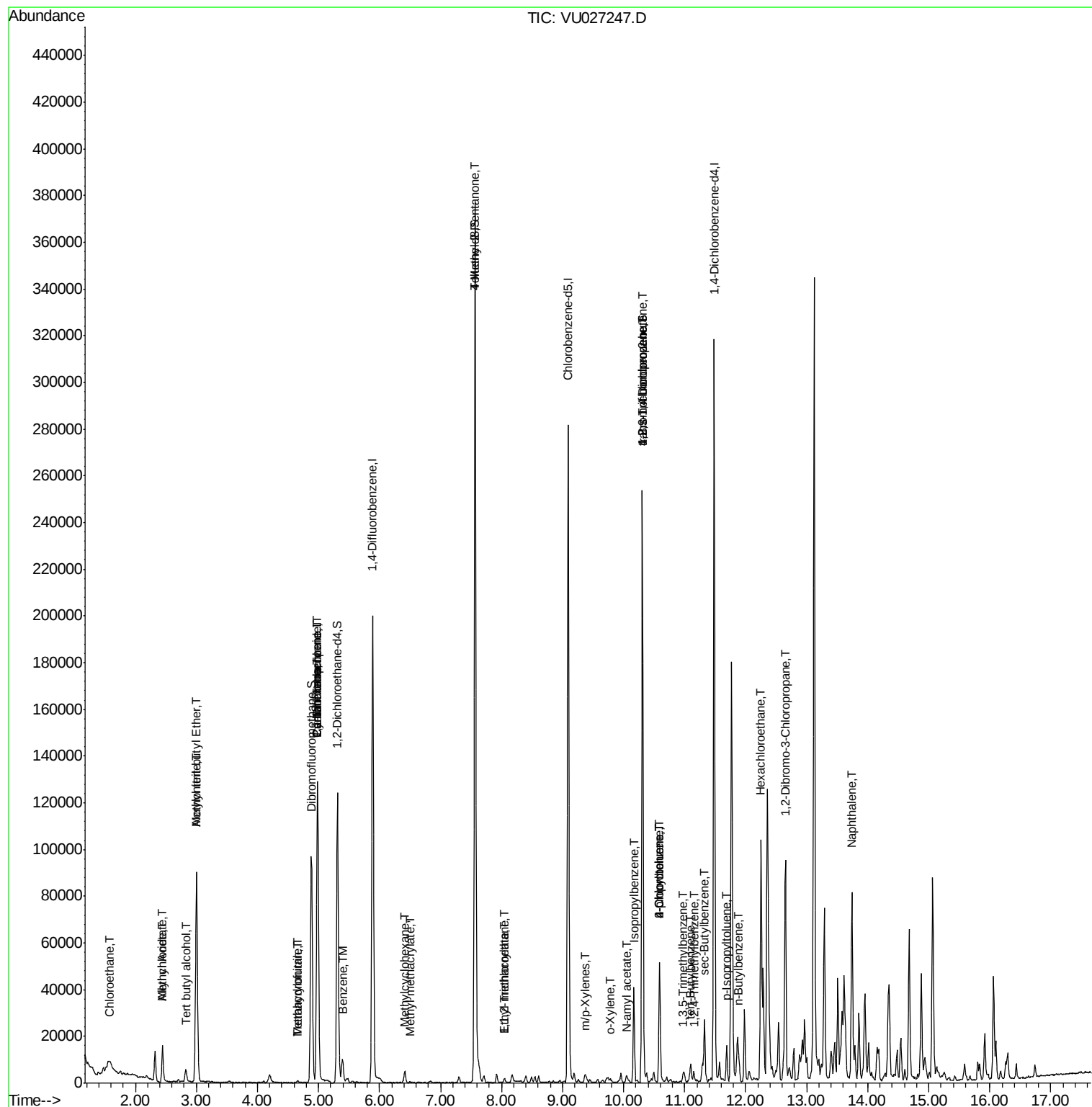
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	12.65	75	280	0.531	ug/l #	7
95) Naphthalene	13.74	128	56584	10.621	ug/l	97

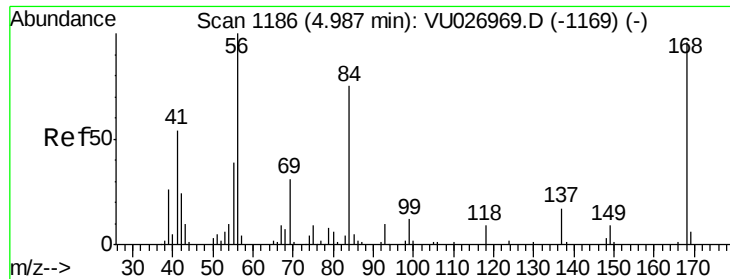
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027247.D

Acq: 28 Sep 2018 00:29

Instrument :

MSVOA_U

ClientSampleId :

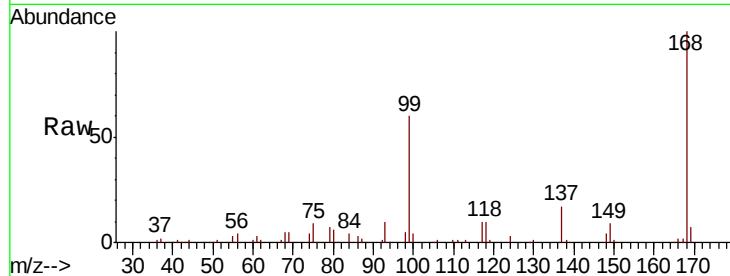
T11-MW-13-8.0-092018

Tot Ion:168 Resp: 90026

Ion Ratio Lower Upper

168 100

99 60.3 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)

4.99

40000

30000

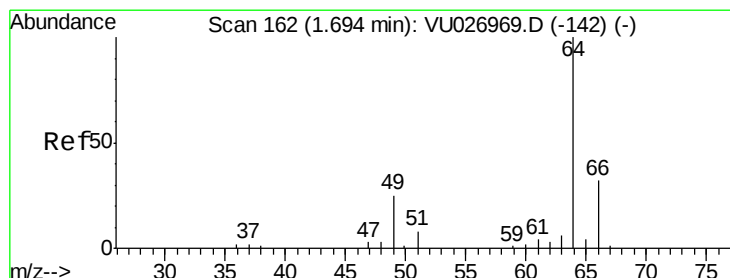
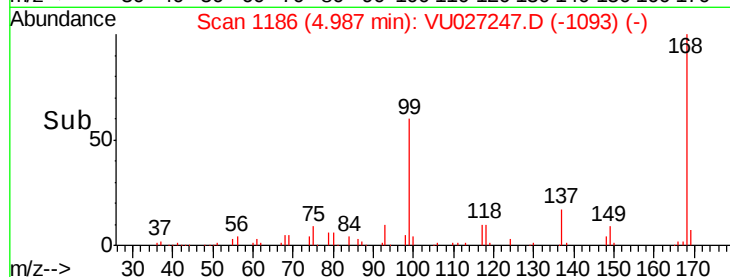
20000

10000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#6

Chloroethane

Concen: 10.370 ug/l

RT: 1.59 min Scan# 129

Delta R.T. -0.11 min

Lab File: VU027247.D

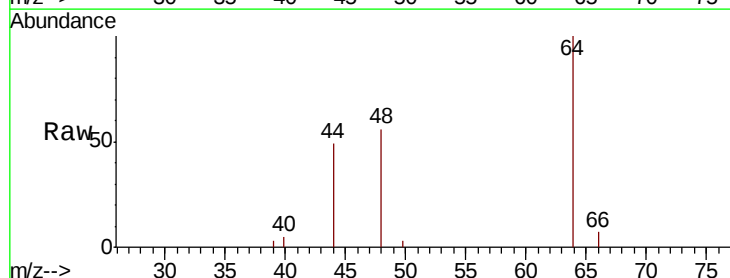
Acq: 28 Sep 2018 00:29

Tgt Ion: 64 Resp: 12534

Ion Ratio Lower Upper

64 100

66 5.4 25.3 37.9#



Abundance Ion 63.90 (63.60 to 64.60): VU026969.D (-142) (-)

Ion 65.90 (65.60 to 66.60): VU026969.D (-142) (-)

1.59

4000

3000

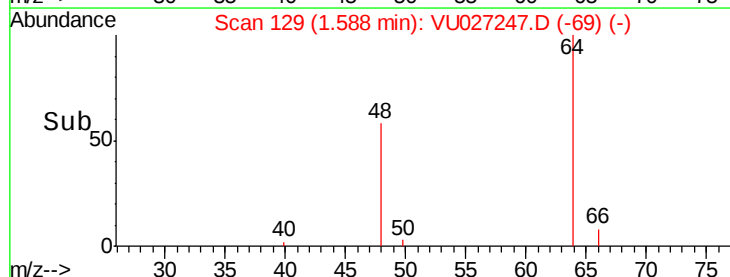
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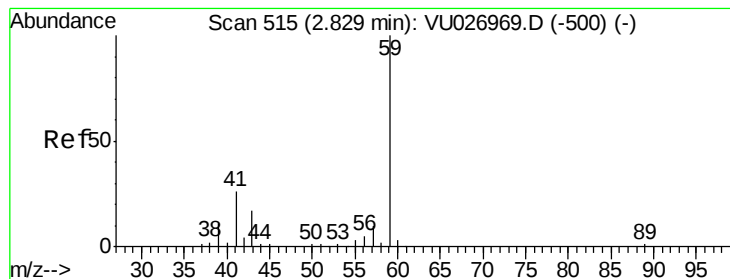
1000

0

1.50 1.55 1.60 1.65 1.70

Time-->



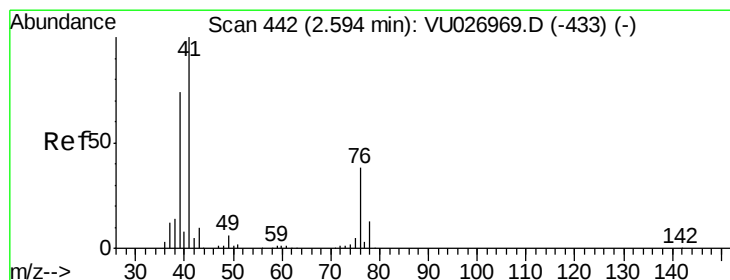
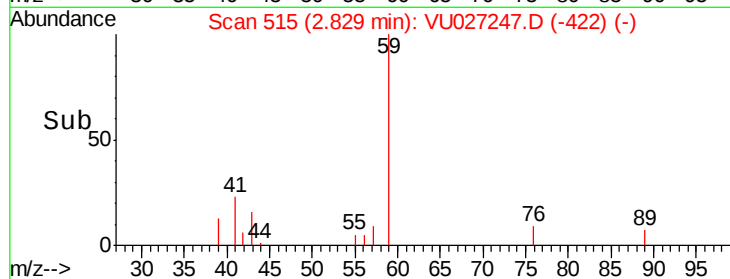
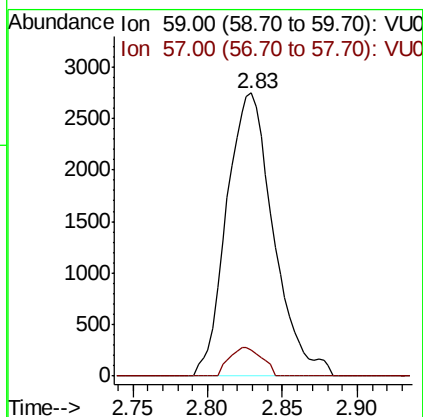
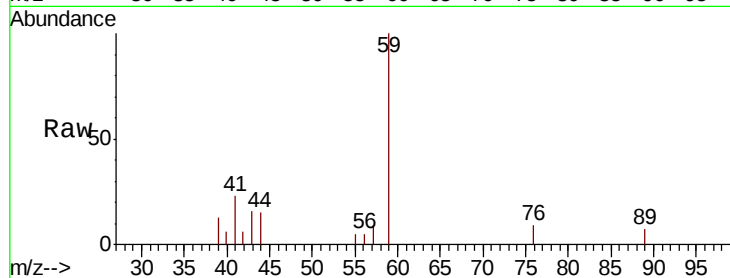


#11

Tert butyl alcohol
 Concen: 14.428 ug/l
 RT: 2.83 min Scan# 515
 Delta R.T. 0.00 min
 Lab File: VU027247.D
 Acq: 28 Sep 2018 00:29

Instrument :
 MSVOA_U
 ClientSampleId :
 T11-MW-13-8.0-092018

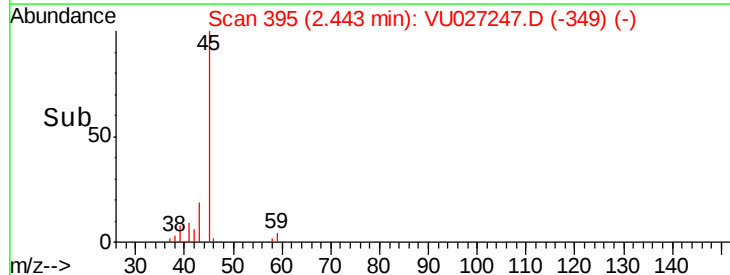
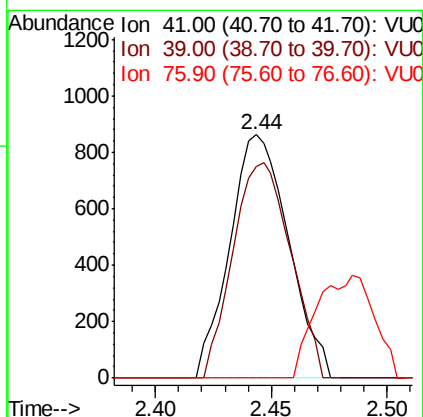
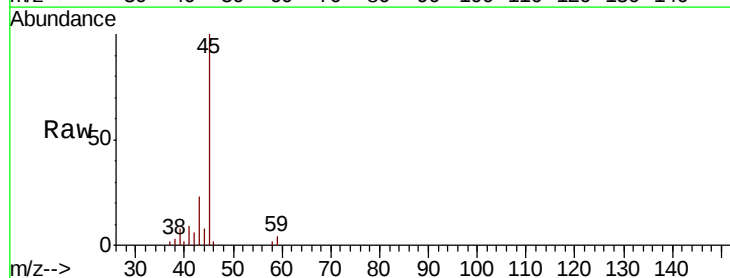
Tot Ion: 59 Resp: 5992
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

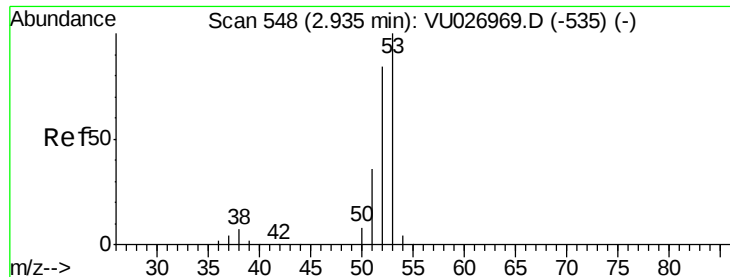


#14

Allyl chloride
 Concen: 0.603 ug/l
 RT: 2.44 min Scan# 395
 Delta R.T. -0.15 min
 Lab File: VU027247.D
 Acq: 28 Sep 2018 00:29

Tgt Ion: 41 Resp: 1521
 Ion Ratio Lower Upper
 41 100
 39 86.9 55.7 83.5#
 76 0.0 26.5 39.7#





#15

Acrylonitrile

Concen: 1.173 ug/l

RT: 3.00 min Scan# 569

Delta R.T. 0.07 min

Lab File: VU027247.D

Acq: 28 Sep 2018 00:29

Instrument :

MSVOA_U

ClientSampleId :

T11-MW-13-8.0-092018

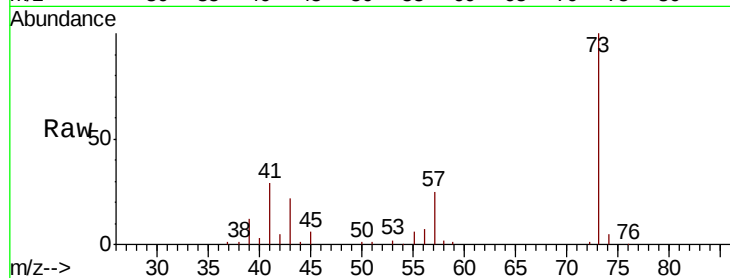
Tot Ion: 53 Resp: 1228

Ion Ratio Lower Upper

53 100

52 0.0 65.7 98.5#

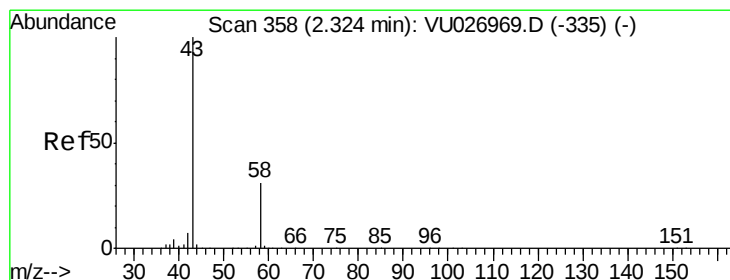
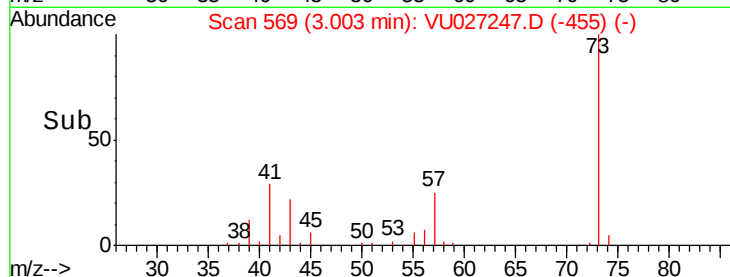
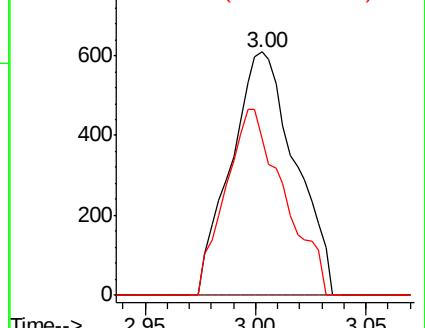
51 69.8 27.4 41.2#



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: Below Cal

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027247.D

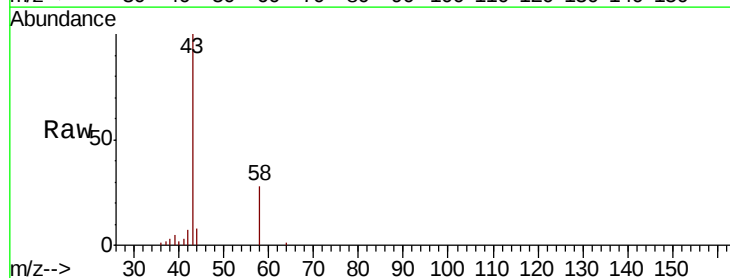
Acq: 28 Sep 2018 00:29

Tgt Ion: 43 Resp: 14274

Ion Ratio Lower Upper

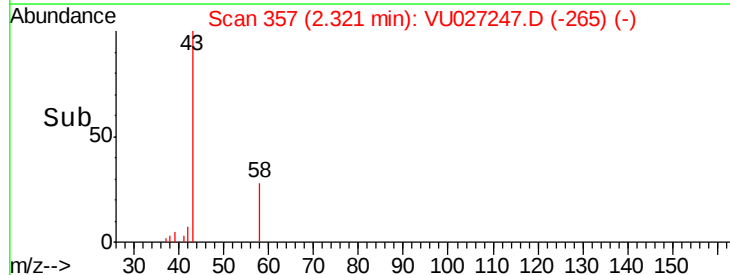
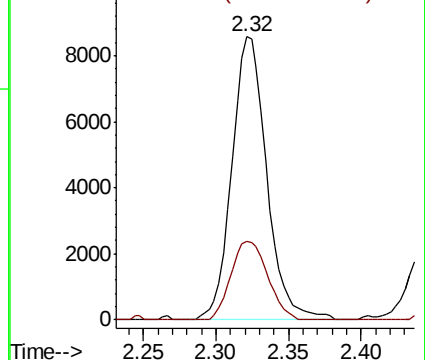
43 100

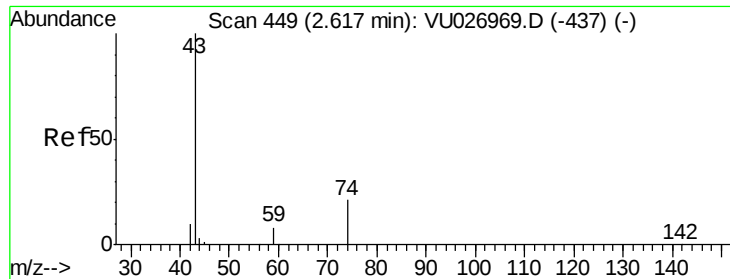
58 28.0 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

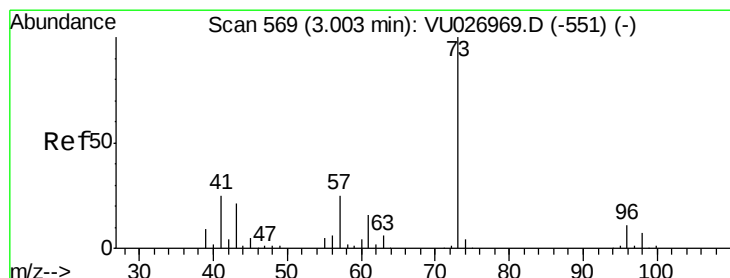
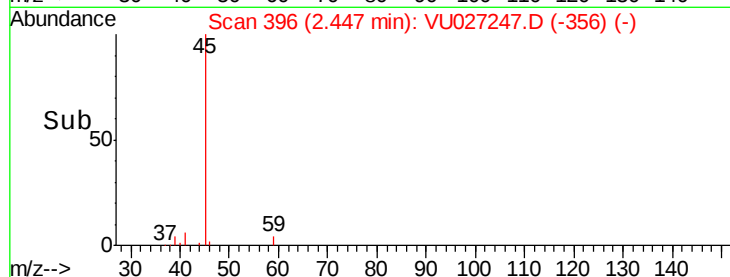
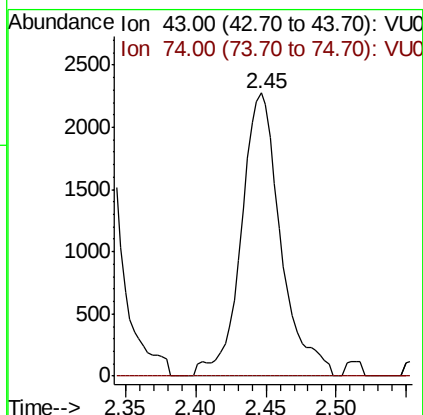
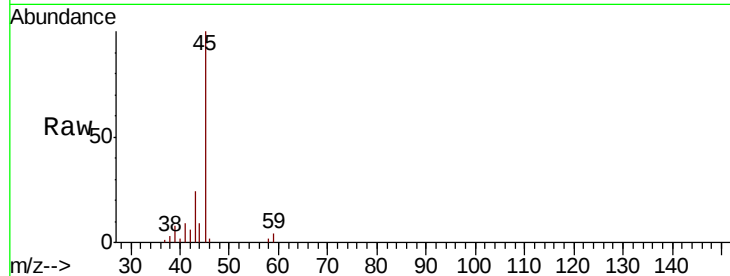




#18
Methvl Acetate
Concen: 1.729 ug/l
RT: 2.45 min Scan# 396
Delta R.T. -0.17 min
Lab File: VU027247.D
Acq: 28 Sep 2018 00:29

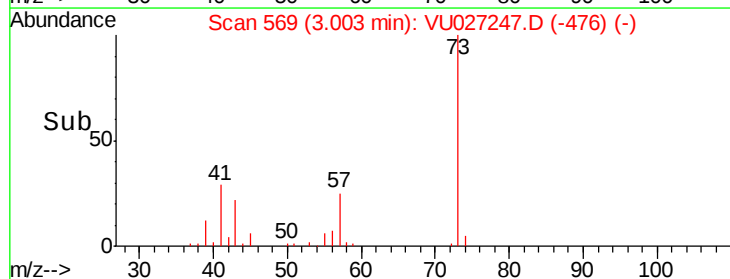
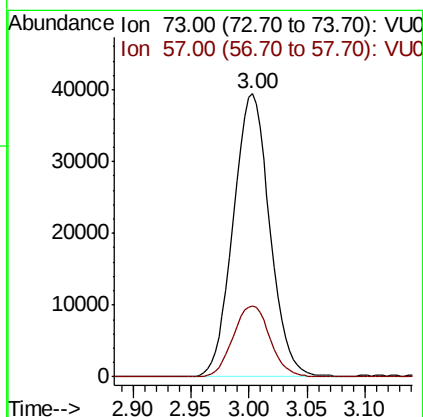
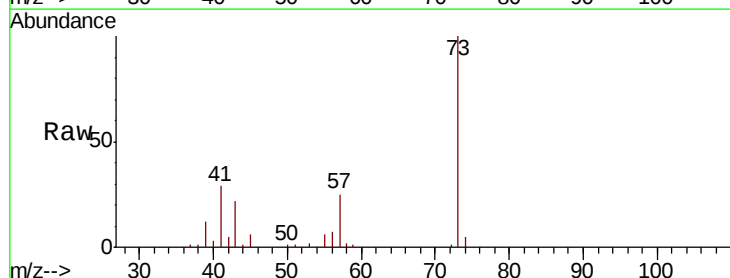
Instrument :
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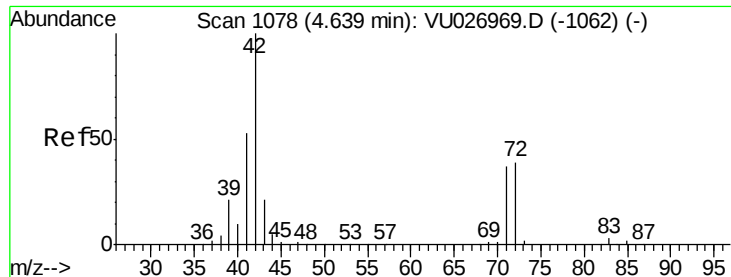
Tot Ion: 43 Resp: 4459
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#



#19
Methyl tert-butyl Ether
Concen: 18.824 ug/l
RT: 3.00 min Scan# 569
Delta R.T. 0.00 min
Lab File: VU027247.D
Acq: 28 Sep 2018 00:29

Tgt Ion: 73 Resp: 86011
Ion Ratio Lower Upper
73 100
57 24.9 19.8 29.6

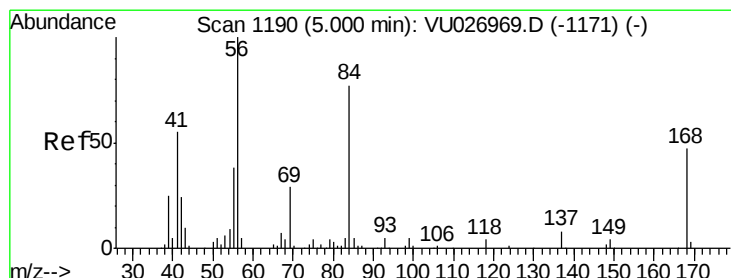
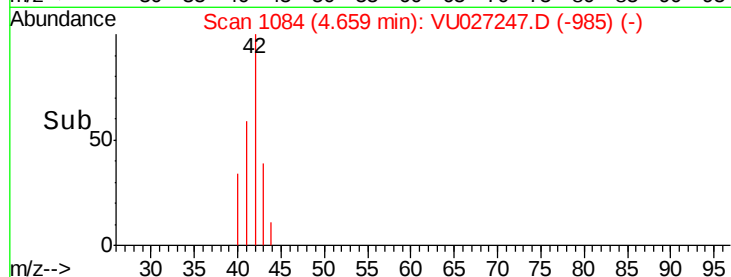
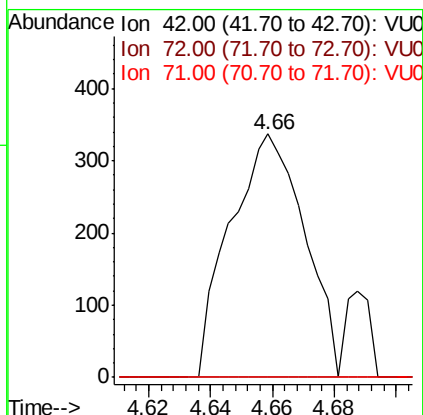
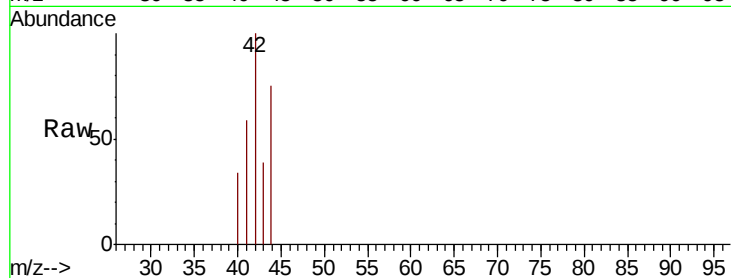




#29
Tetrahydrofuran
Concen: 0.610 ug/l
RT: 4.66 min Scan# 1084
Delta R.T. 0.02 min
Lab File: VU027247.D
Acq: 28 Sep 2018 00:29

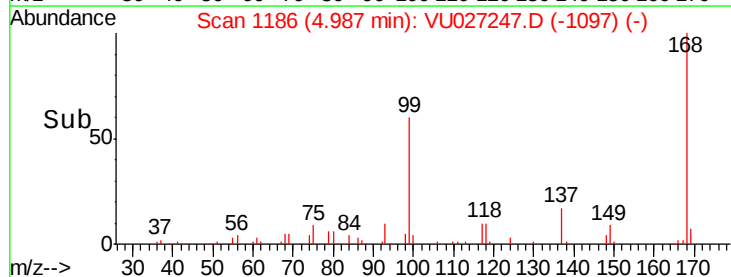
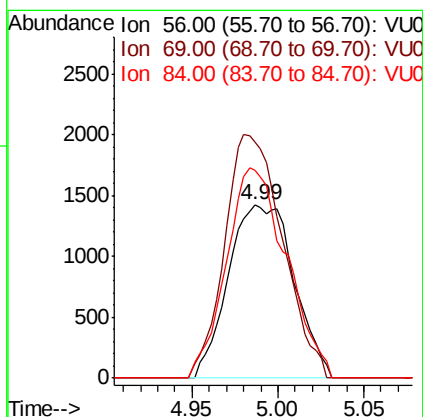
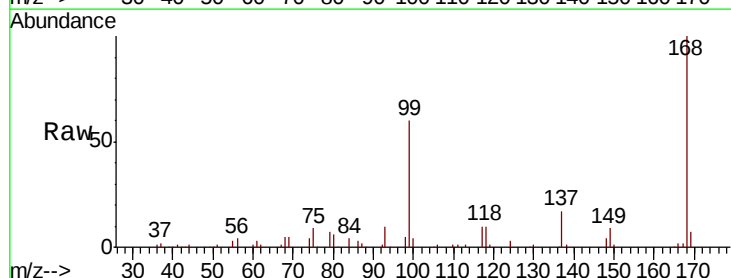
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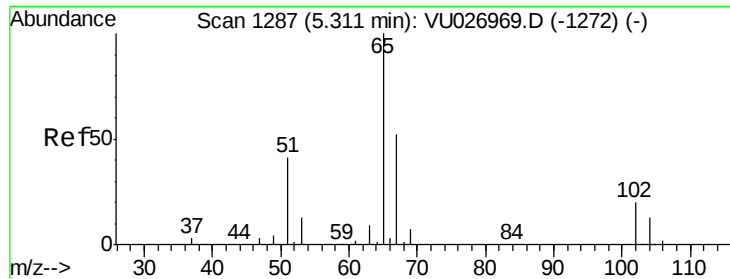
Tot Ion: 42 Resp: 562
Ion Ratio Lower Upper
42 100
72 0.0 31.7 47.5#
71 0.0 29.6 44.4#



#31
Cyclohexane
Concen: 0.832 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU027247.D
Acq: 28 Sep 2018 00:29

Tgt Ion: 56 Resp: 3774
Ion Ratio Lower Upper
56 100
69 136.0 23.0 34.4#
84 119.8 61.4 92.2#

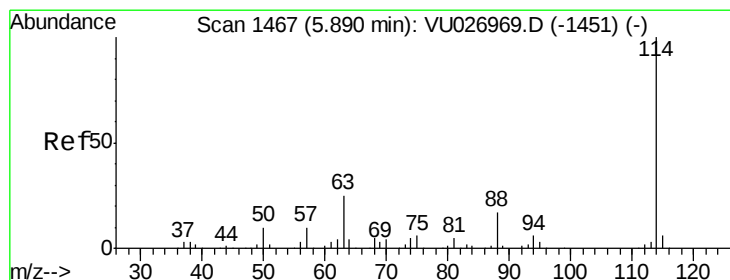
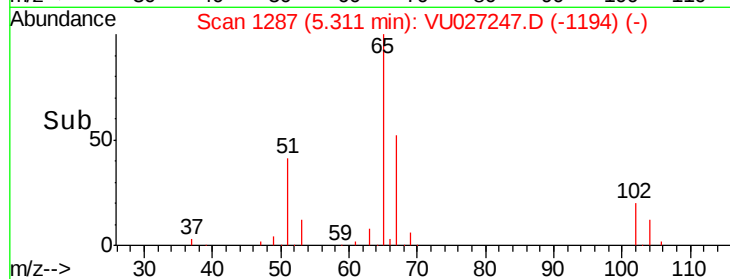
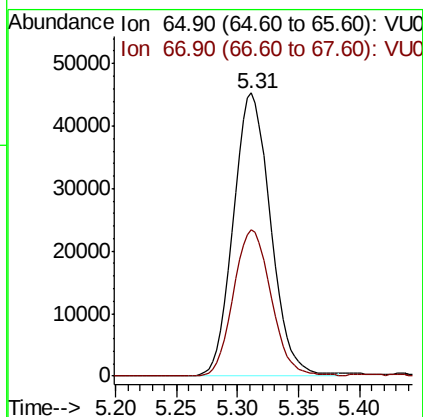
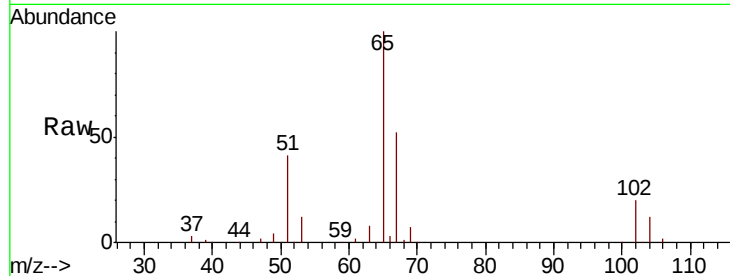




#33
 1,2-Dichloroethane-d4
 Concen: 52.985 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: VU027247.D
 Acq: 28 Sep 2018 00:29

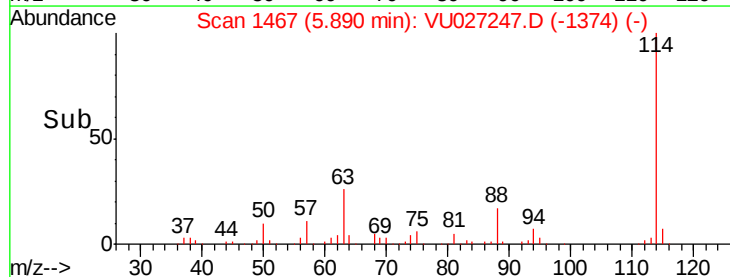
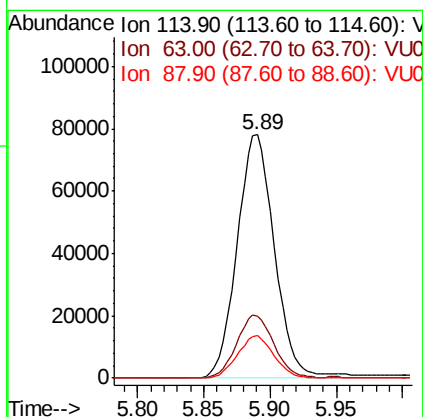
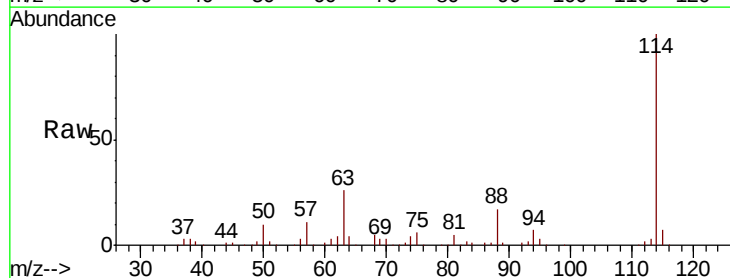
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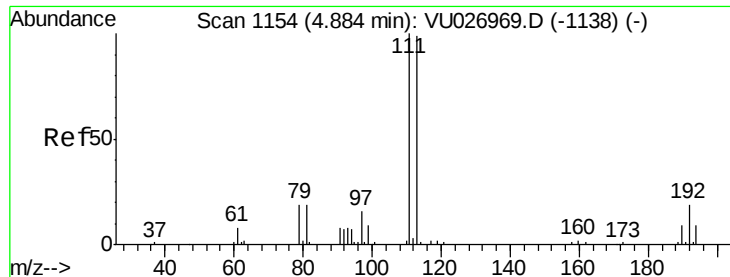
Tot Ion: 65 Resp: 96005
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027247.D
 Acq: 28 Sep 2018 00:29

Tgt Ion: 114 Resp: 152497
 Ion Ratio Lower Upper
 114 100
 63 25.6 0.0 49.2
 88 17.3 0.0 33.8

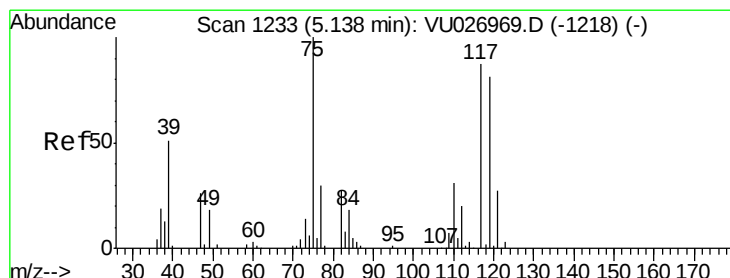
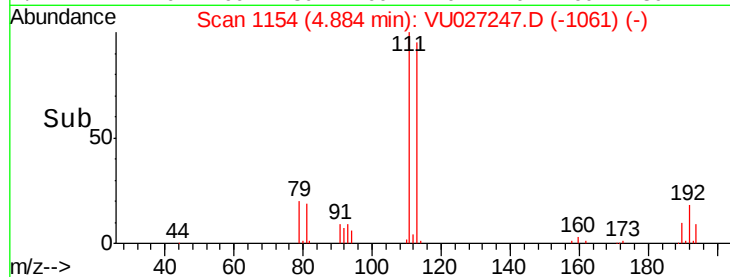
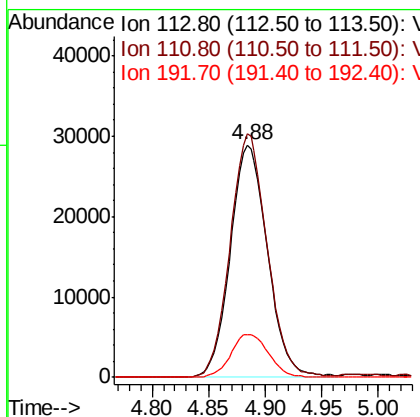
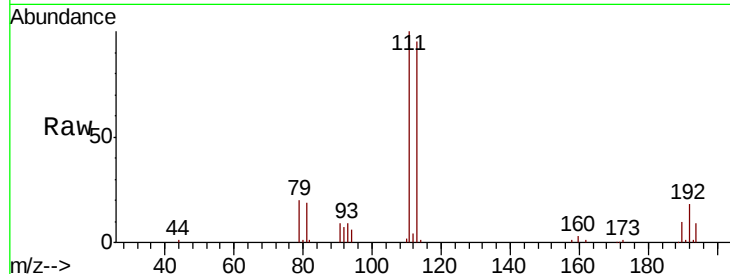




#35
 Dibromofluoromethane
 Concen: 49.951 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027247.D
 Acq: 28 Sep 2018 00:29

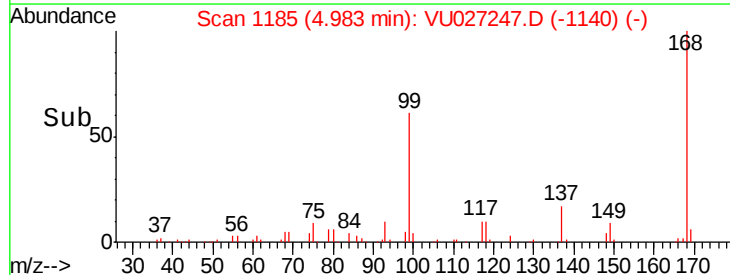
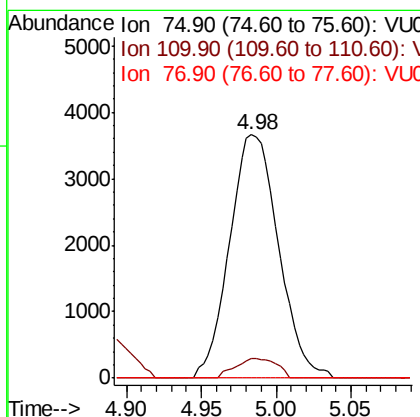
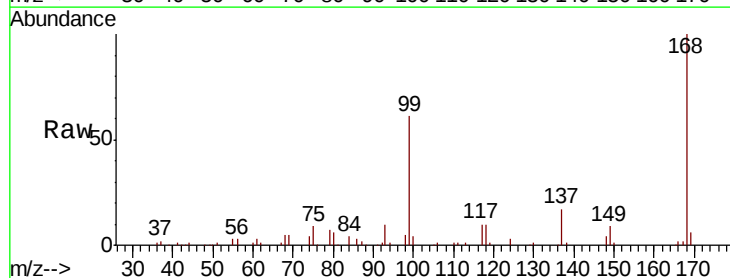
Instrument :
 MSVOA_U
 ClientSampleId :
 T11-MW-13-8.0-092018

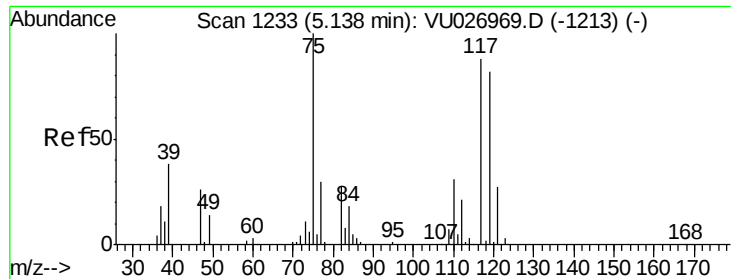
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.2	123.4
192	18.7	15.2	22.8



#36
 1,1-Dichloropropene
 Concen: 4.098 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU027247.D
 Acq: 28 Sep 2018 00:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	6.8	16.1	48.2#
77	0.0	24.6	36.8#

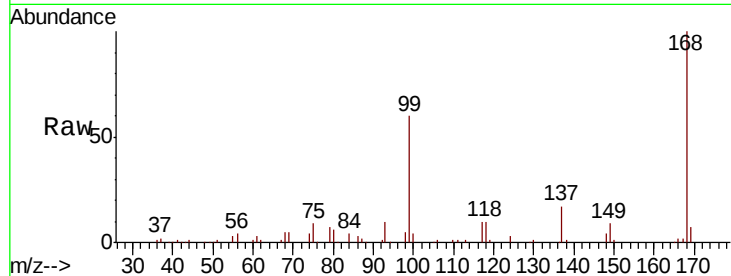




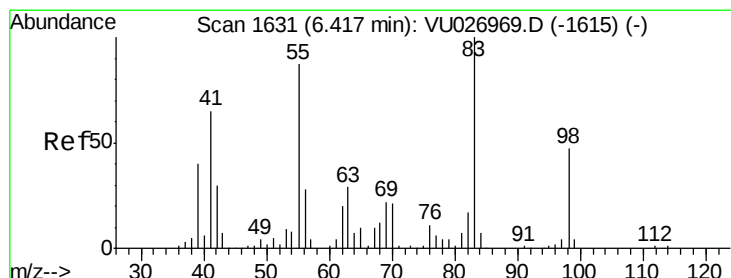
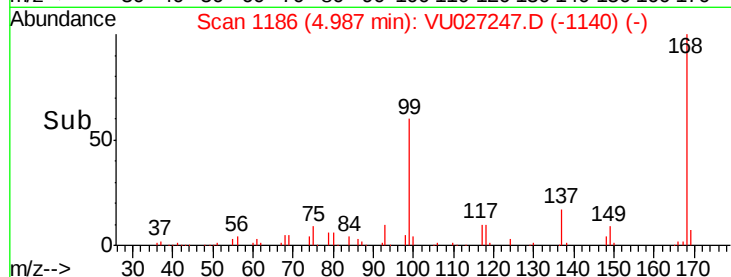
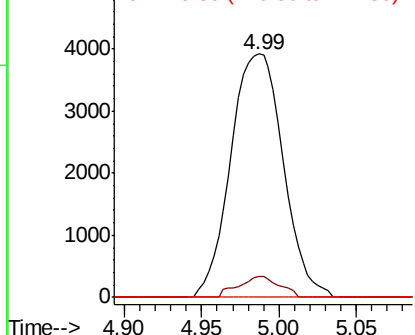
#38
Carbon Tetrachloride
Concen: 4.772 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.15 min
Lab File: VU027247.D
Acq: 28 Sep 2018 00:29

Instrument :
MSVOA_U
ClientSampleId :
T11-MW-13-8.0-092018

Tot Ion:117 Resp: 9242
Ion Ratio Lower Upper
117 100
119 8.8 74.4 111.6#
121 0.0 24.2 36.4#

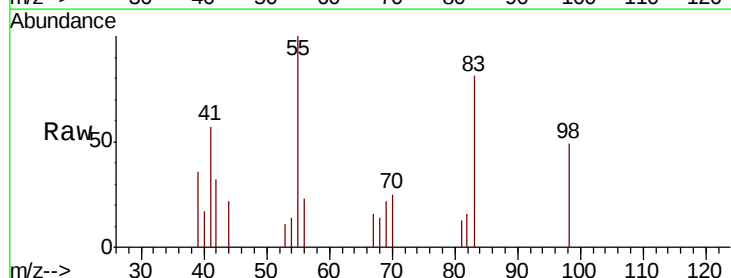


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

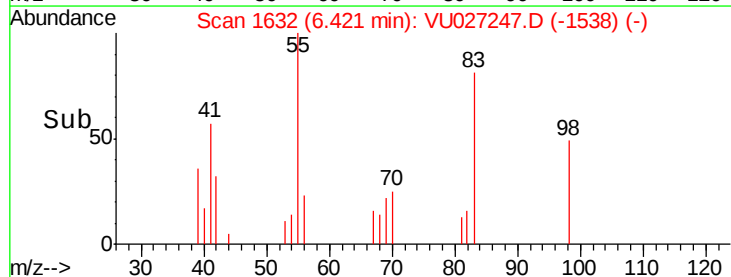
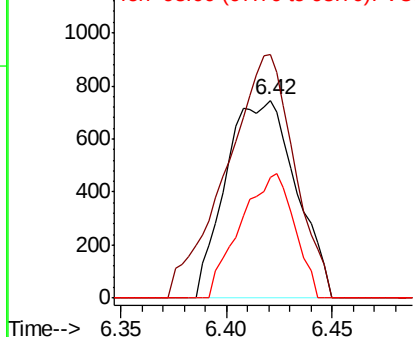


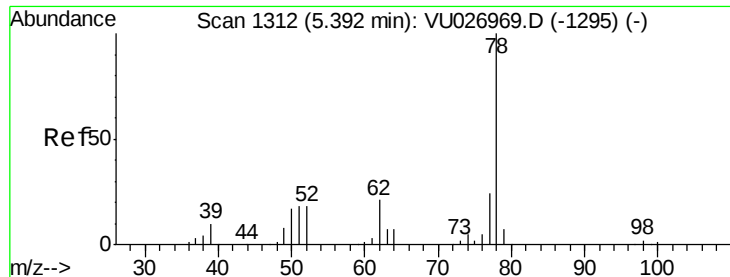
#39
Methylcyclohexane
Concen: 0.775 ug/l
RT: 6.42 min Scan# 1632
Delta R.T. 0.00 min
Lab File: VU027247.D
Acq: 28 Sep 2018 00:29

Tgt Ion: 83 Resp: 1715
Ion Ratio Lower Upper
83 100
55 123.2 69.9 104.9#
98 60.9 37.5 56.3#



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: 1.548 ug/l

RT: 5.39 min Scan# 1312

Delta R.T. -0.00 min

Lab File: VU027247.D

Acq: 28 Sep 2018 00:29

Instrument :

MSVOA_U

ClientSampleId :

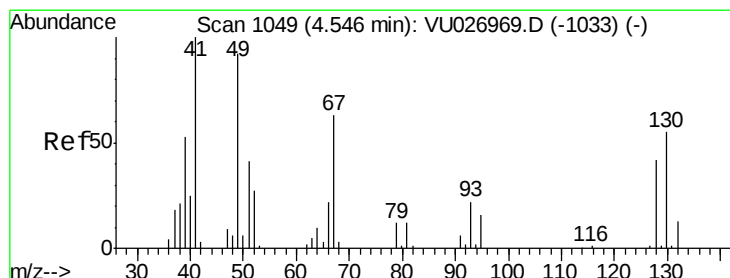
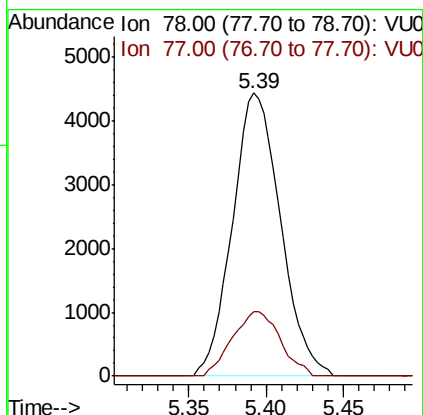
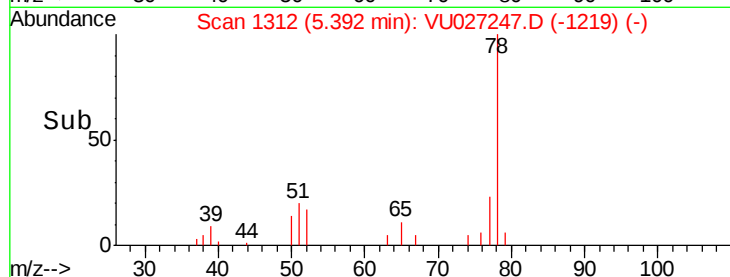
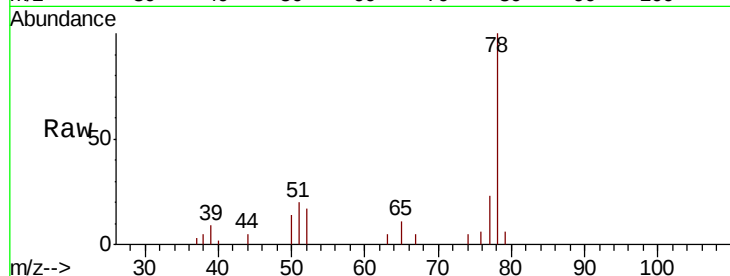
T11-MW-13-8.0-092018

Tot Ion: 78 Resp: 9578

Ion Ratio Lower Upper

78 100

77 22.6 19.4 29.0



#41

Methacrylonitrile

Concen: 0.226 ug/l

RT: 4.66 min Scan# 1083

Delta R.T. 0.11 min

Lab File: VU027247.D

Acq: 28 Sep 2018 00:29

Tgt Ion: 41 Resp: 324

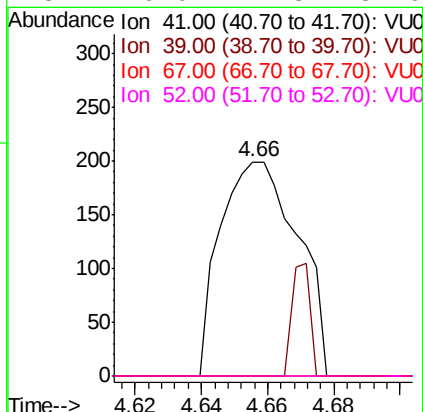
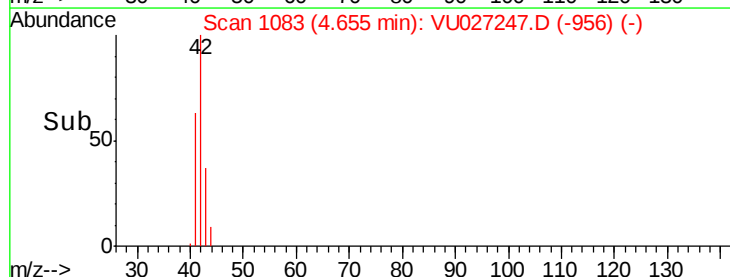
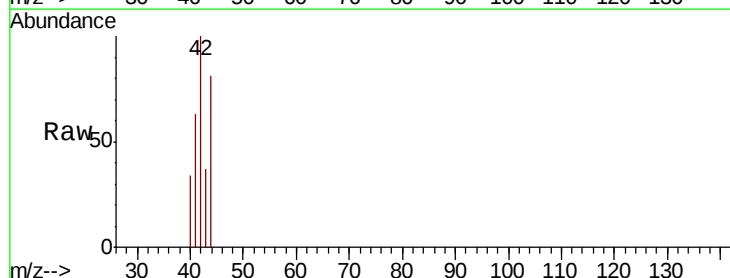
Ion Ratio Lower Upper

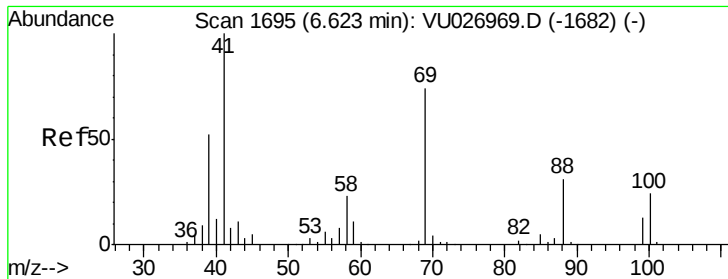
41 100

39 12.3 42.9 64.3#

67 0.0 52.4 78.6#

52 0.0 21.3 31.9#





#48

Methvl methacrylate

Concen: 1.075 ug/l

RT: 6.50 min Scan# 1657

Delta R.T. -0.12 min

Lab File: VU027247.D

Acq: 28 Sep 2018 00:29

Instrument :

MSVOA_U

ClientSampleId :

T11-MW-13-8.0-092018

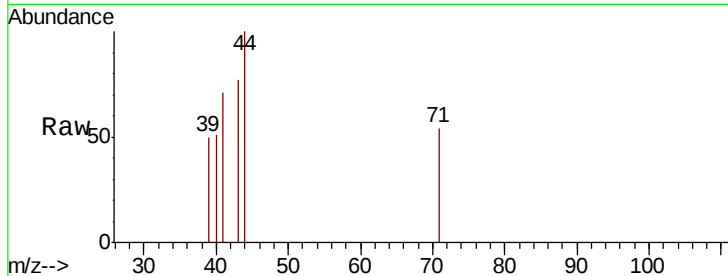
Tot Ion: 41 Resp: 140

Ion Ratio Lower Upper

41 100

69 0.0 60.6 90.8#

39 52.9 42.8 64.2

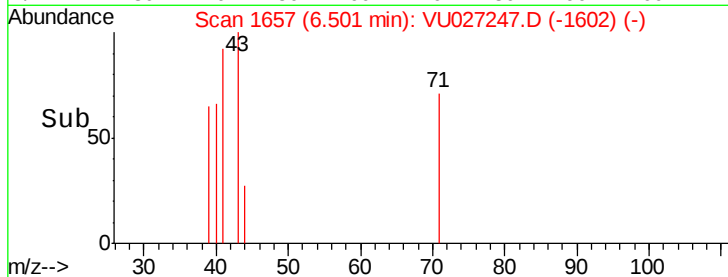


Abundance Ion 41.00 (40.70 to 41.70): VU0

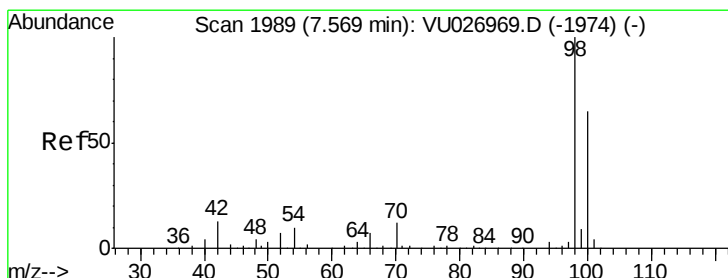
Ion 69.00 (68.70 to 69.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

6.50



Time-->



#50

Toluene-d8

Concen: 48.834 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU027247.D

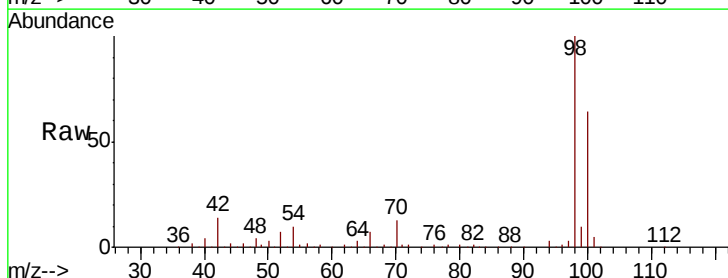
Acq: 28 Sep 2018 00:29

Tgt Ion: 98 Resp: 246005

Ion Ratio Lower Upper

98 100

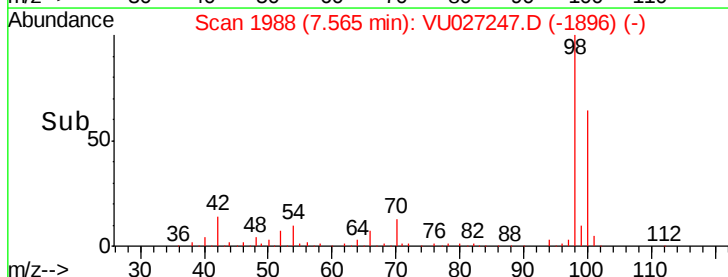
100 64.0 52.1 78.1



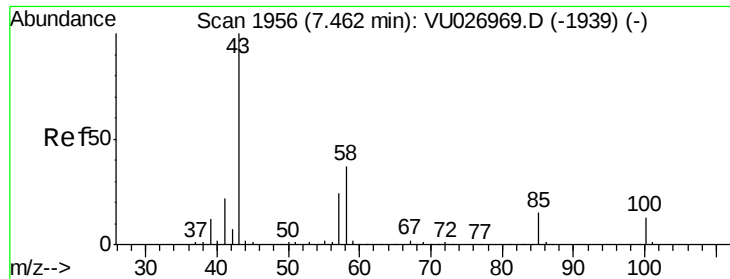
Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0

7.57



Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.495 ug/l

RT: 7.57 min Scan# 1990

Delta R.T. 0.11 min

Lab File: VU027247.D

Acq: 28 Sep 2018 00:29

Instrument :

MSVOA_U

ClientSampleId :

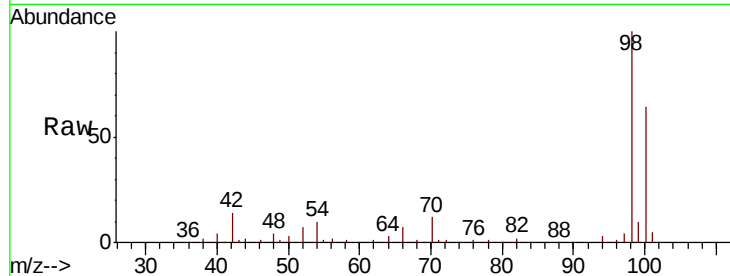
T11-MW-13-8.0-092018

Tot Ion: 43 Resp: 1339

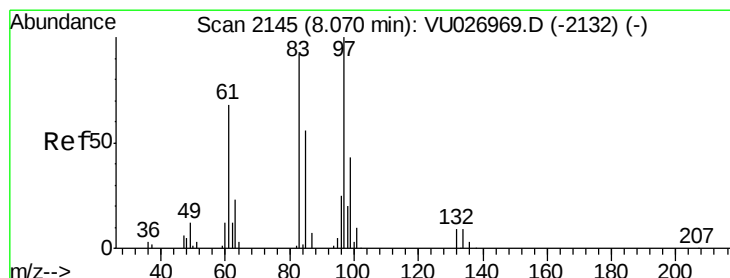
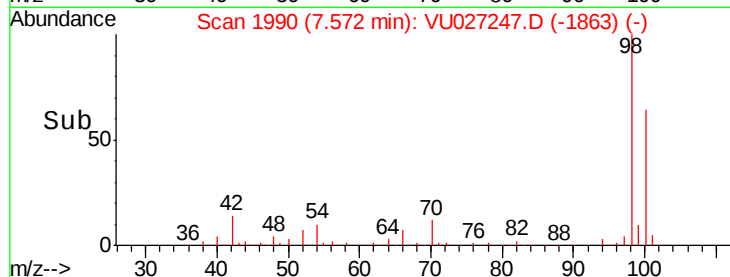
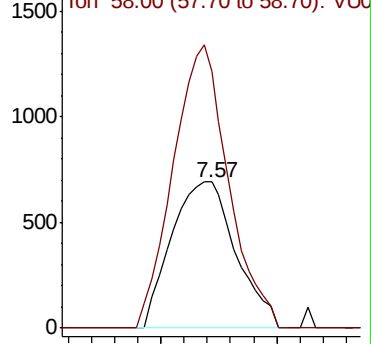
Ion Ratio Lower Upper

43 100

58 166.2 29.8 44.6#



Abundance Ion 43.00 (42.70 to 43.70): VU027247.D (-1863) (-)



#55

1,1,2-Trichloroethane

Concen: 0.512 ug/l

RT: 8.04 min Scan# 2137

Delta R.T. -0.03 min

Lab File: VU027247.D

Acq: 28 Sep 2018 00:29

Tgt Ion: 97 Resp: 770

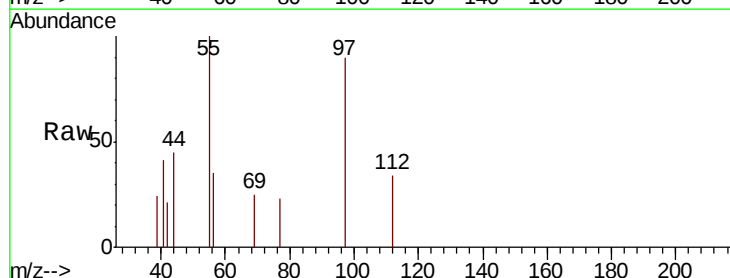
Ion Ratio Lower Upper

97 100

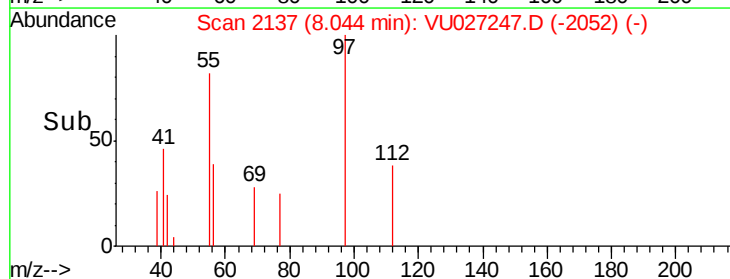
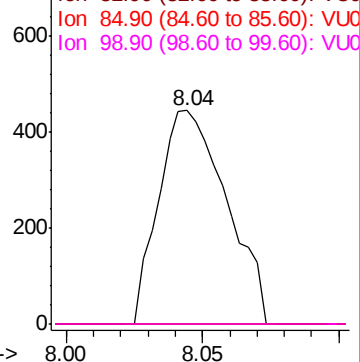
83 0.0 73.1 109.7#

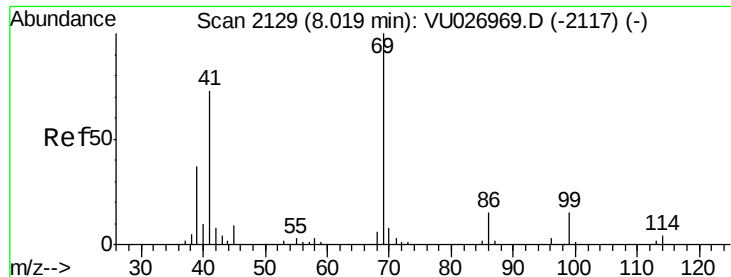
85 0.0 46.7 70.1#

99 0.0 50.0 75.0#



Abundance Ion 96.90 (96.60 to 97.60): VU027247.D (-2052) (-)

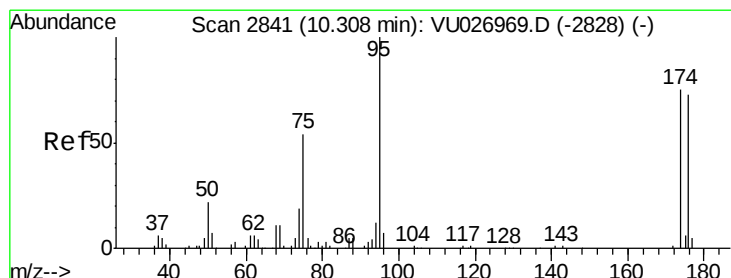
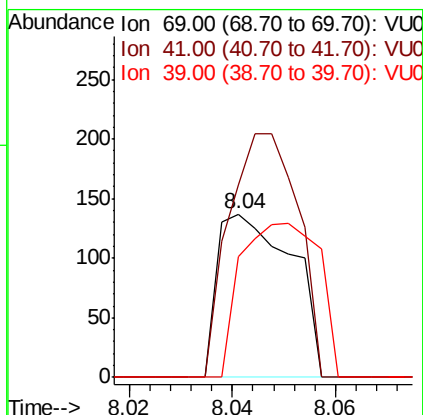
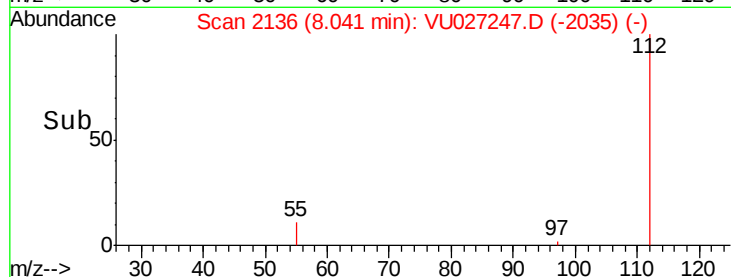
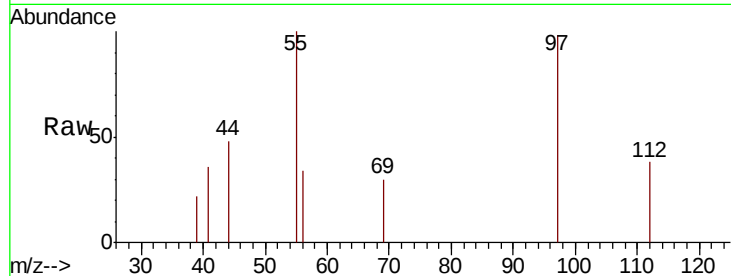




#56
Ethyl methacrylate
Concen: 2.243 ug/l
RT: 8.04 min Scan# 2136
Delta R.T. 0.02 min
Lab File: VU027247.D
Acq: 28 Sep 2018 00:29

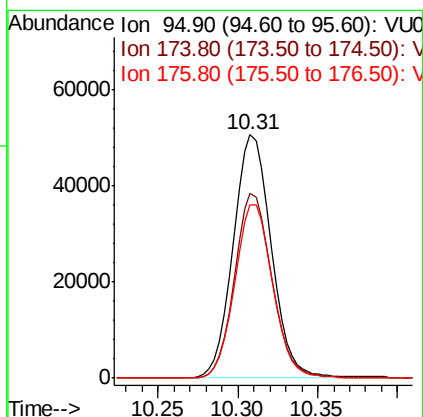
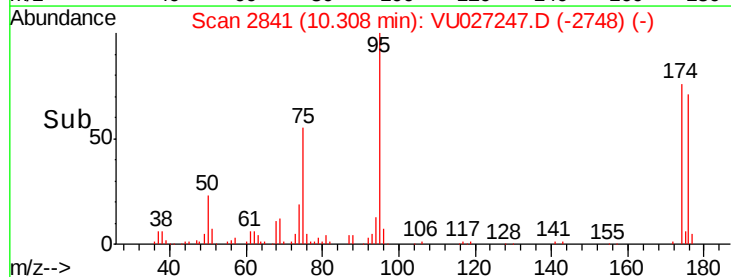
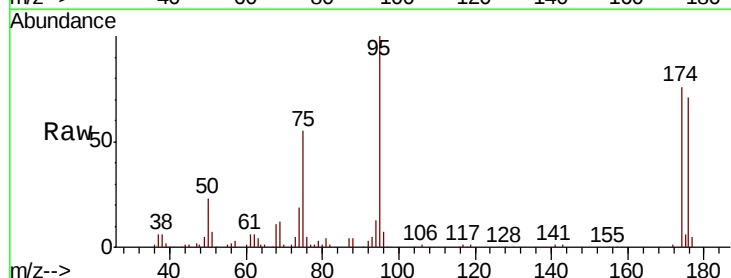
Instrument :
MSVOA_U
ClientSampleId :
T11-MW-13-8.0-092018

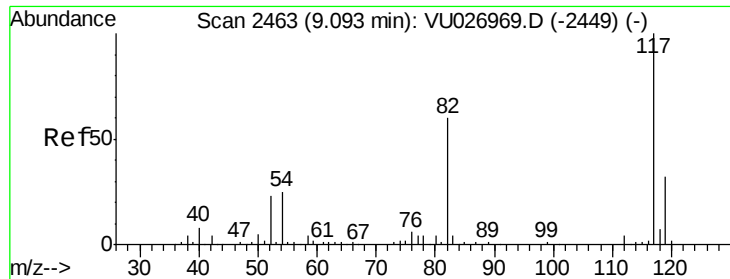
Tot Ion: 69 Resp: 136
Ion Ratio Lower Upper
69 100
41 139.0 59.0 88.4#
39 99.3 30.2 45.4#



#62
4-Bromofluorobenzene
Concen: 47.552 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU027247.D
Acq: 28 Sep 2018 00:29

Tgt Ion: 95 Resp: 82196
Ion Ratio Lower Upper
95 100
174 74.5 0.0 150.2
176 71.2 0.0 145.2

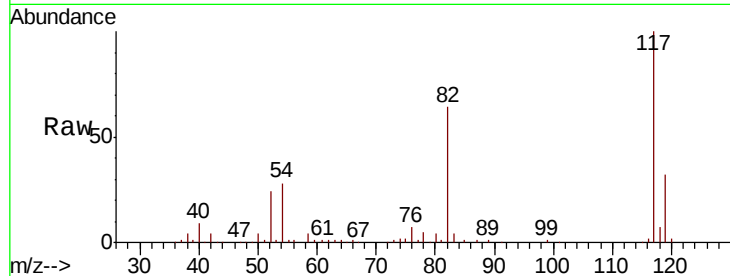




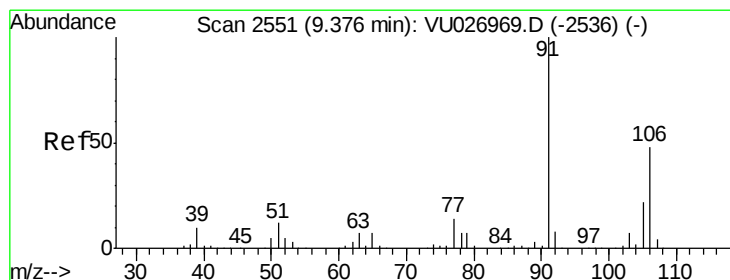
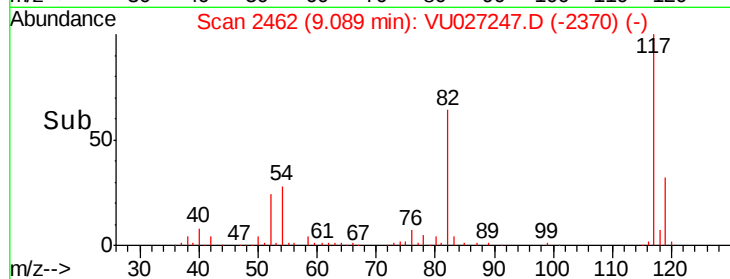
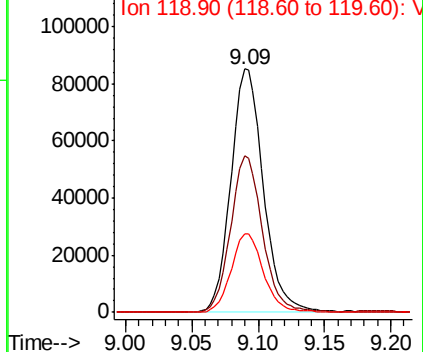
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027247.D
Acq: 28 Sep 2018 00:29

Instrument :
MSVOA_U
ClientSampleId :
T11-MW-13-8.0-092018

Tot Ion:117 Resp: 145274
Ion Ratio Lower Upper
117 100
82 64.2 48.0 72.0
119 32.4 25.8 38.8

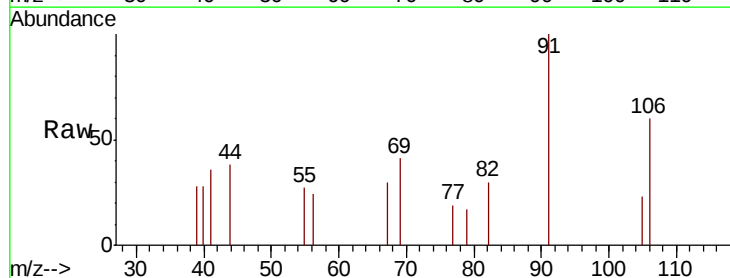


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

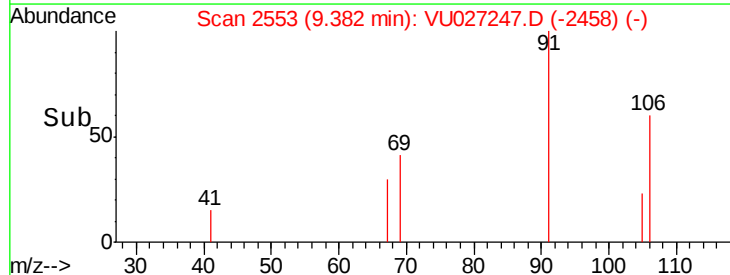
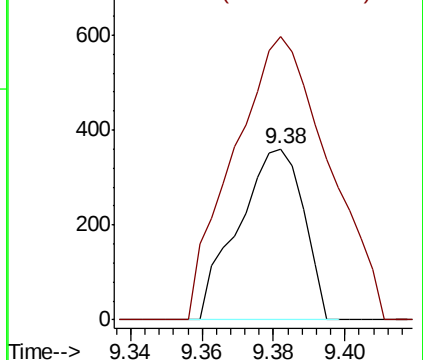


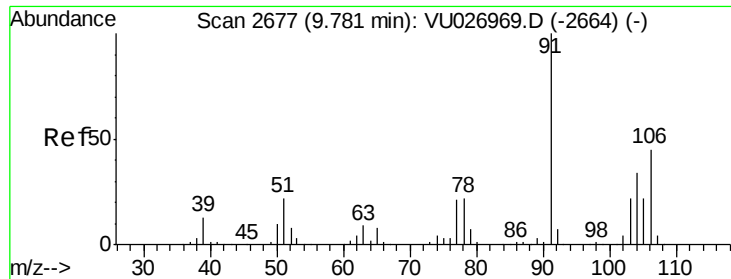
#68
m/p-Xylenes
Concen: 1.675 ug/l
RT: 9.38 min Scan# 2553
Delta R.T. 0.01 min
Lab File: VU027247.D
Acq: 28 Sep 2018 00:29

Tgt Ion:106 Resp: 454
Ion Ratio Lower Upper
106 100
91 241.2 166.5 249.7



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

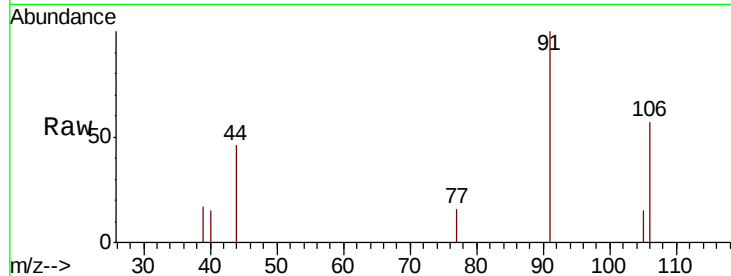




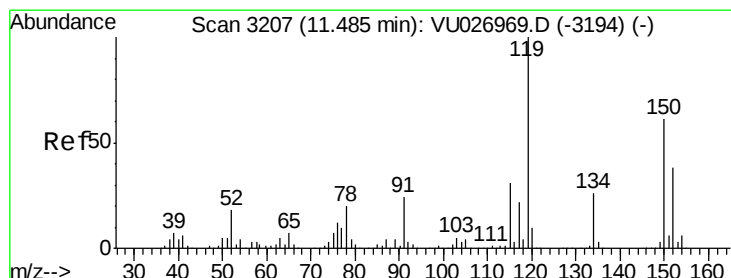
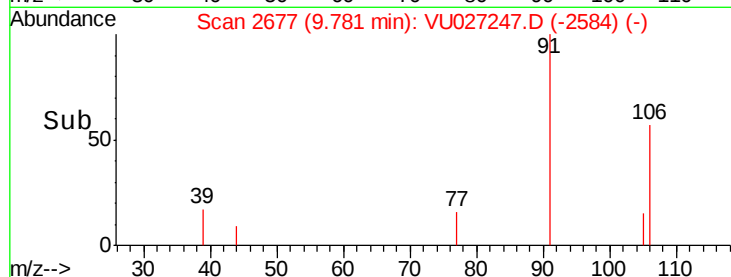
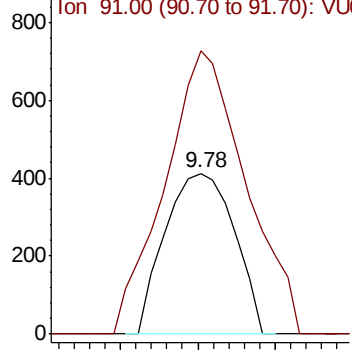
#69
o-Xylene
Concen: 0.229 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027247.D
Acq: 28 Sep 2018 00:29

Instrument :
MSVOA_U
ClientSampleId :
T11-MW-13-8.0-092018

Tot Ion:106 Resp: 513
Ion Ratio Lower Upper
106 100
91 205.8 110.2 330.6

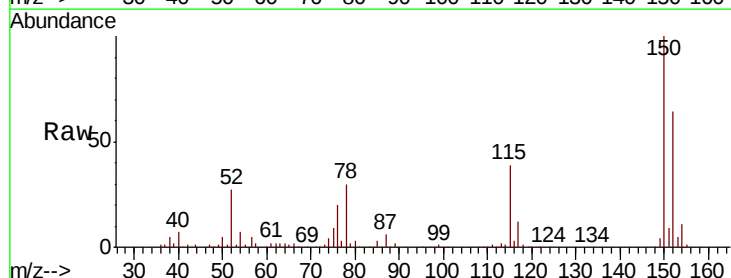


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

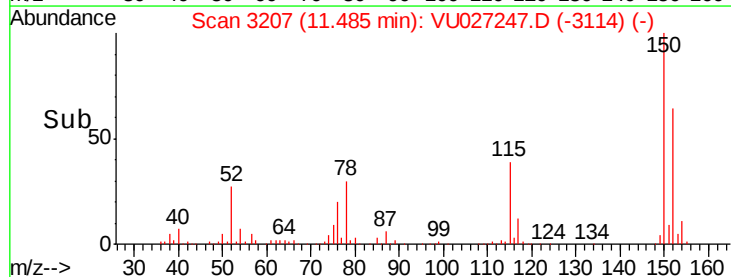
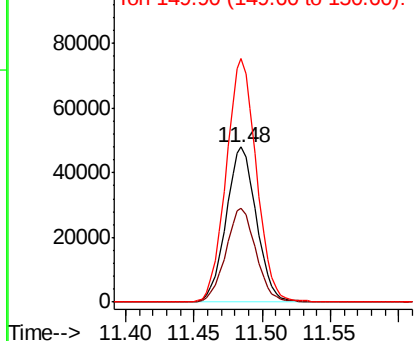


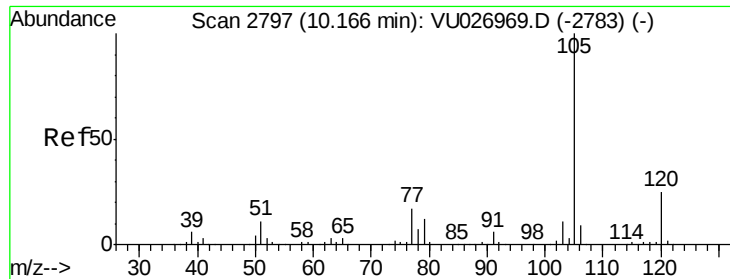
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027247.D
Acq: 28 Sep 2018 00:29

Tgt Ion:152 Resp: 73931
Ion Ratio Lower Upper
152 100
115 60.5 44.9 134.5
150 156.9 0.0 355.8



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: 4.289 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027247.D

Acq: 28 Sep 2018 00:29

Instrument :

MSVOA_U

ClientSampleId :

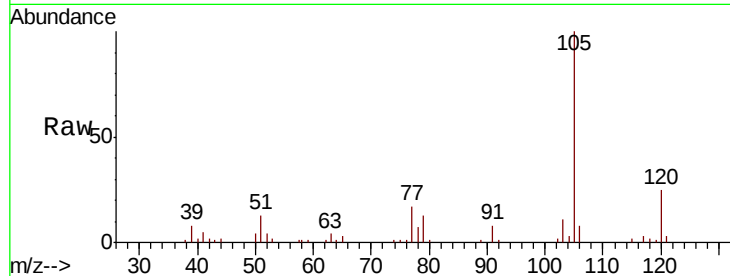
T11-MW-13-8.0-092018

Tot Ion:105 Resp: 24122

Ion Ratio Lower Upper

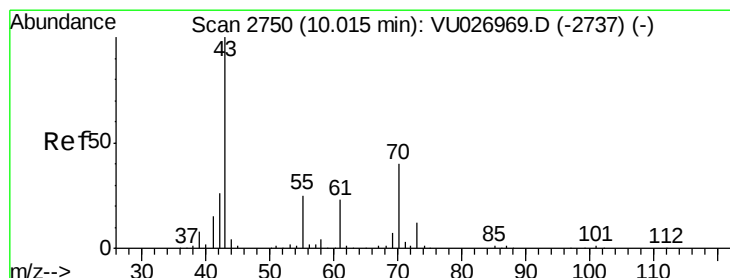
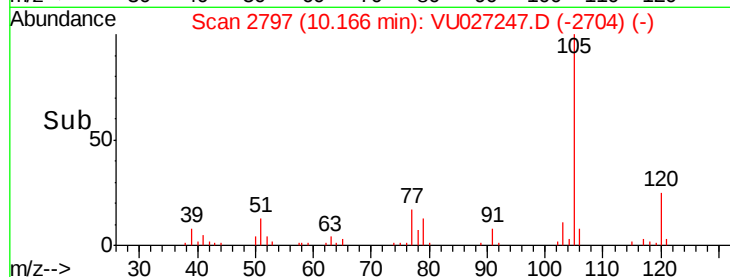
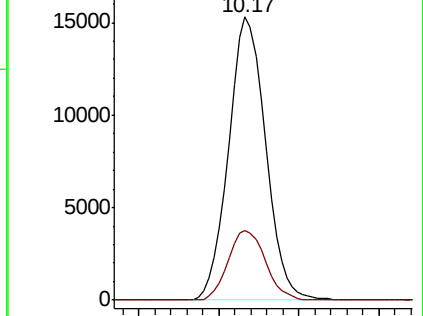
105 100

120 24.7 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.385 ug/l

RT: 10.07 min Scan# 2766

Delta R.T. 0.05 min

Lab File: VU027247.D

Acq: 28 Sep 2018 00:29

Tgt Ion: 43 Resp: 1254

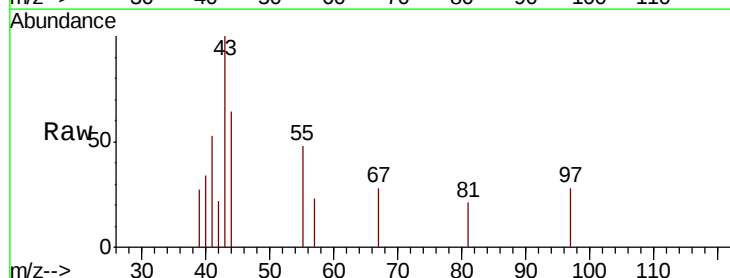
Ion Ratio Lower Upper

43 100

70 0.0 31.8 47.8#

55 0.0 19.9 29.9#

61 0.0 18.4 27.6#

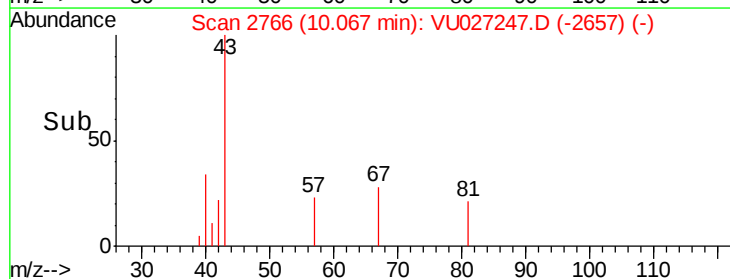
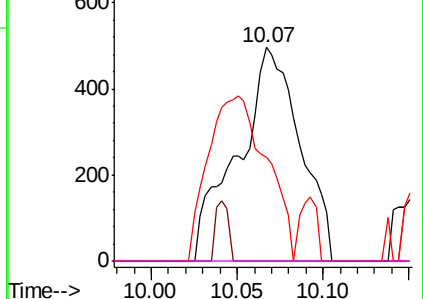


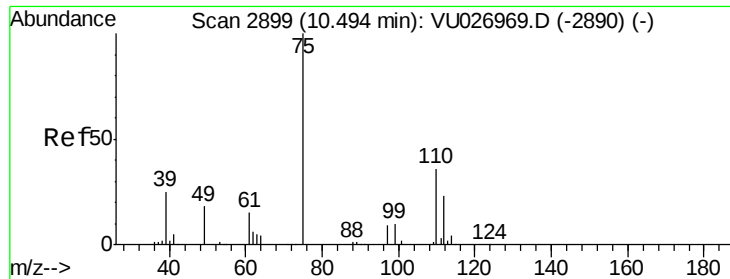
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

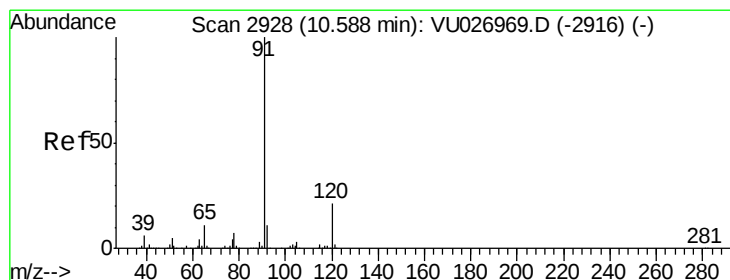
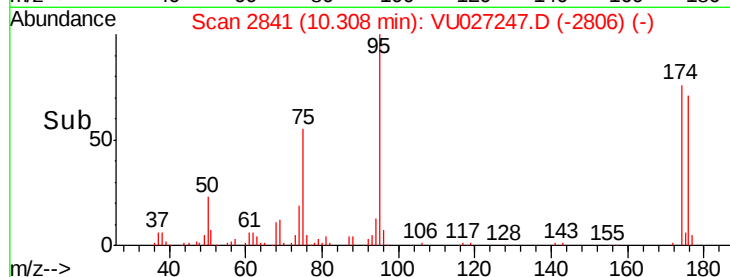
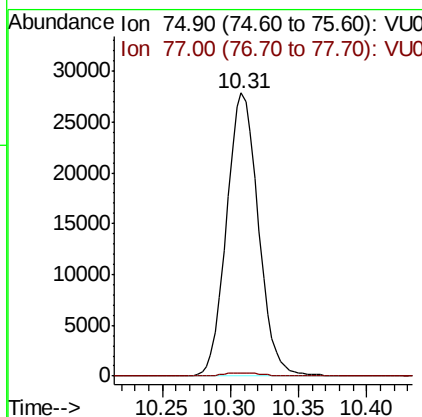
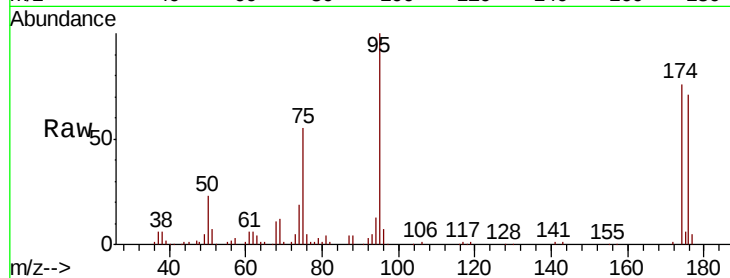




#76
 1,2,3-Trichloropropane
 Concen: 20.121 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.19 min
 Lab File: VU027247.D
 Acq: 28 Sep 2018 00:29

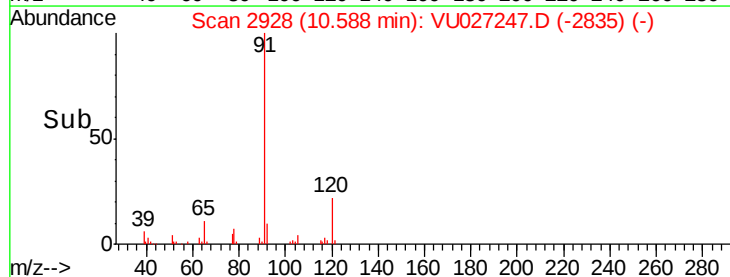
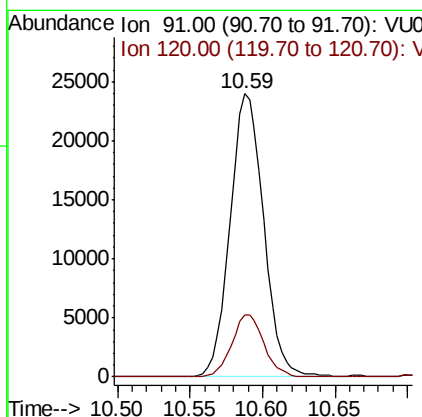
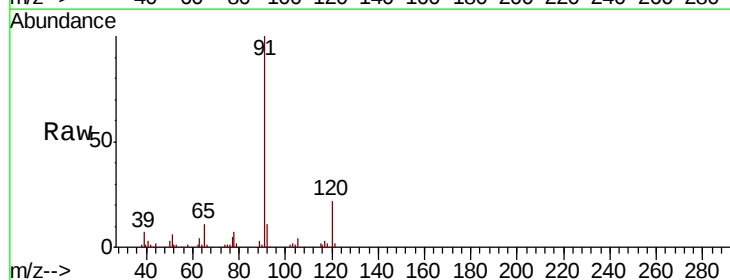
Instrument :
 MSVOA_U
 ClientSampleId :
 T11-MW-13-8.0-092018

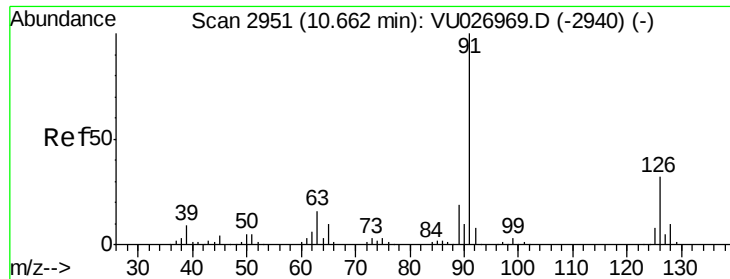
Tot Ion: 75 Resp: 45192
 Ion Ratio Lower Upper
 75 100
 77 1.3 20.9 62.8#



#78
 n-propylbenzene
 Concen: 5.794 ug/l
 RT: 10.59 min Scan# 2928
 Delta R.T. 0.00 min
 Lab File: VU027247.D
 Acq: 28 Sep 2018 00:29

Tgt Ion: 91 Resp: 38557
 Ion Ratio Lower Upper
 91 100
 120 20.8 10.6 31.8

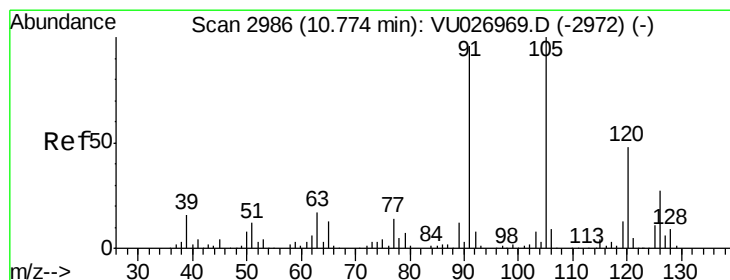
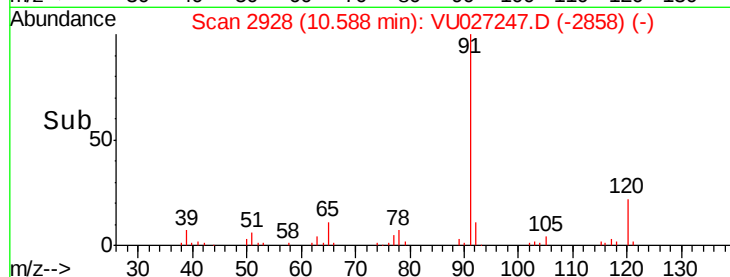
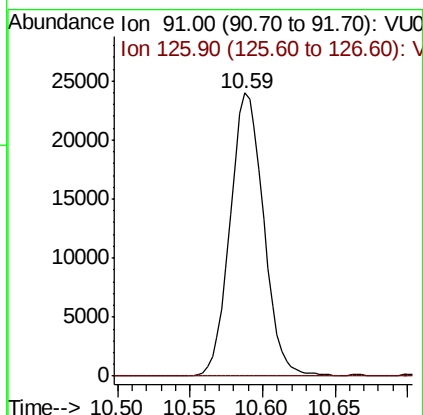
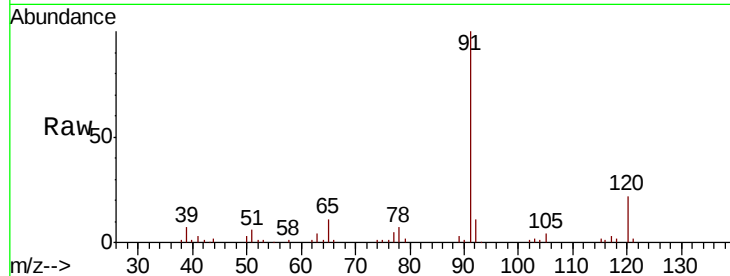




#79
 2-Chlorotoluene
 Concen: 9.225 ug/l
 RT: 10.59 min Scan# 2928
 Delta R.T. -0.07 min
 Lab File: VU027247.D
 Acq: 28 Sep 2018 00:29

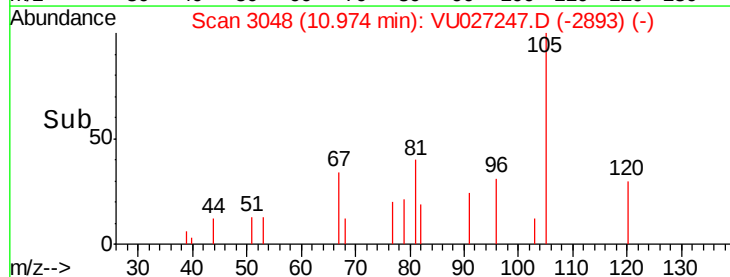
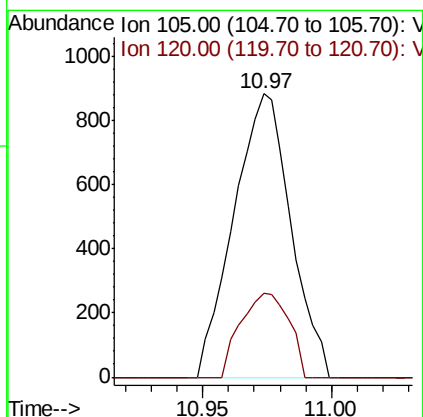
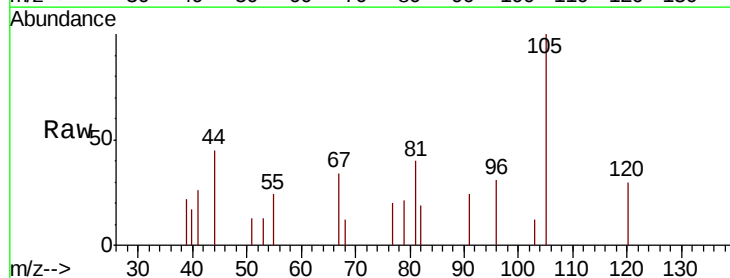
Instrument :
 MSVOA_U
 ClientSampleId :
 T11-MW-13-8.0-092018

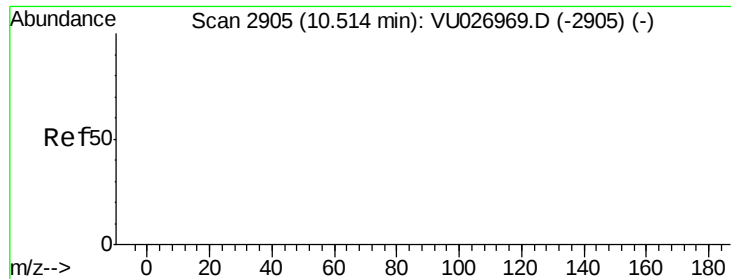
Tot Ion: 91 Resp: 38557
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.8 47.3#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.294 ug/l
 RT: 10.97 min Scan# 3048
 Delta R.T. 0.20 min
 Lab File: VU027247.D
 Acq: 28 Sep 2018 00:29

Tgt Ion:105 Resp: 1363
 Ion Ratio Lower Upper
 105 100
 120 25.1 23.9 71.7

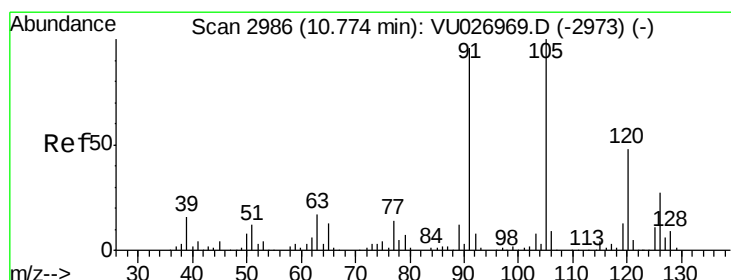
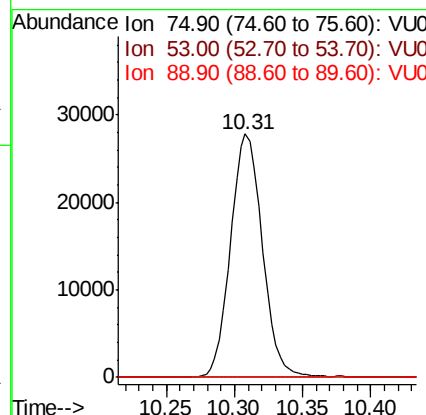
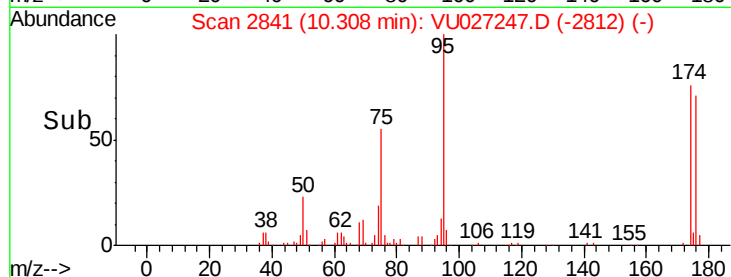
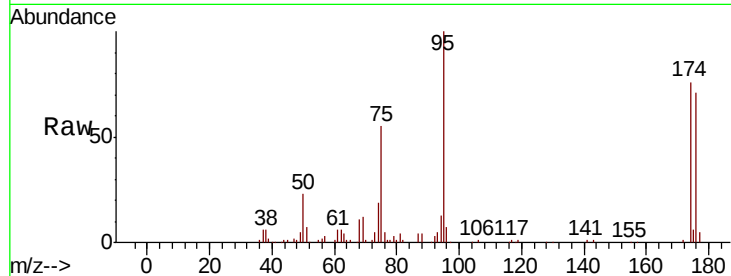




#81
trans-1,4-Dichloro-2-butene
Concen: 64.391 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.21 min
Lab File: VU027247.D
Acq: 28 Sep 2018 00:29

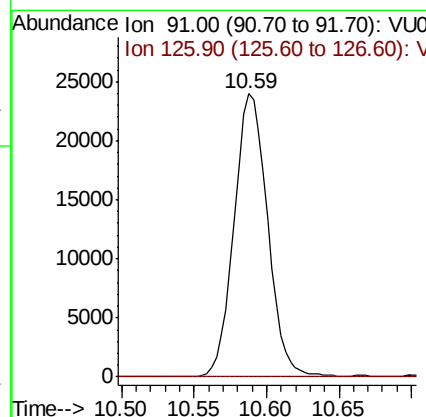
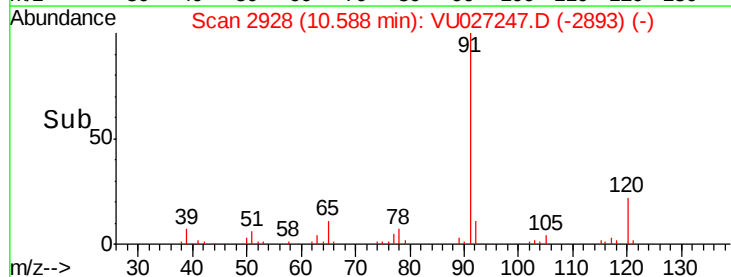
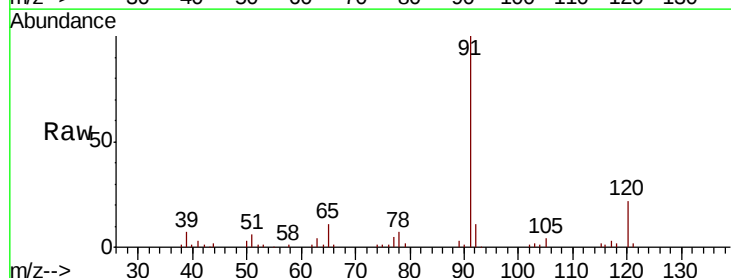
Instrument :
MSVOA_U
ClientSampleId :
T11-MW-13-8.0-092018

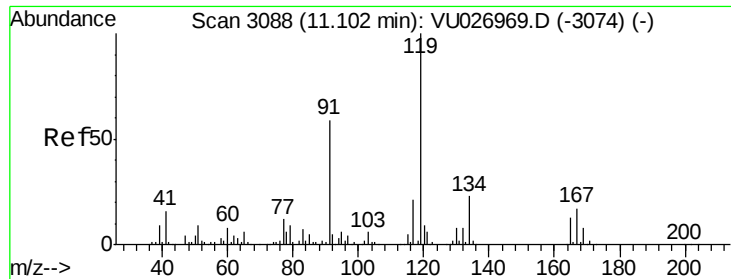
Tot Ion: 75 Resp: 45192
Ion Ratio Lower Upper
75 100
53 0.1 0.0 0.0#
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 8.227 ug/l
RT: 10.59 min Scan# 2928
Delta R.T. -0.19 min
Lab File: VU027247.D
Acq: 28 Sep 2018 00:29

Tgt Ion: 91 Resp: 38557
Ion Ratio Lower Upper
91 100
126 0.0 14.1 42.2#

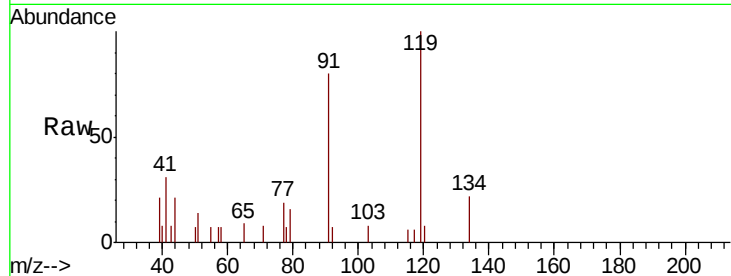




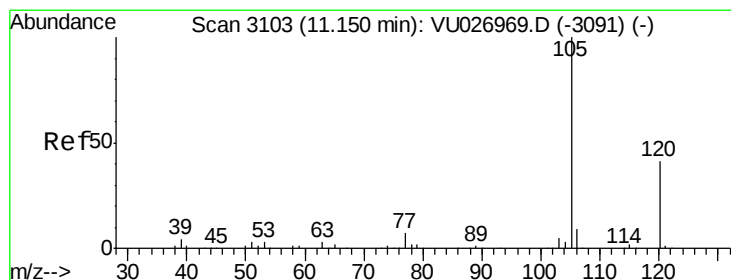
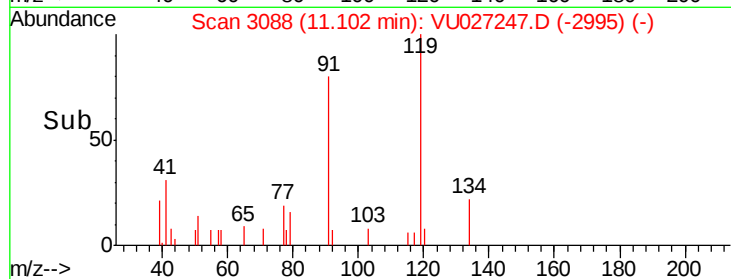
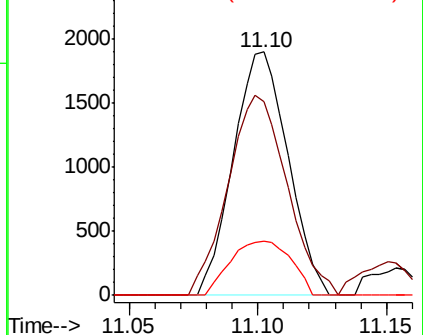
#83
tert-Butylbenzene
Concen: 0.614 ug/l
RT: 11.10 min Scan# 3088
Delta R.T. 0.00 min
Lab File: VU027247.D
Acq: 28 Sep 2018 00:29

Instrument :
MSVOA_U
ClientSampleId :
T11-MW-13-8.0-092018

Tot Ion:119 Resp: 2818
Ion Ratio Lower Upper
119 100
91 88.4 29.8 89.4
134 24.6 11.5 34.4

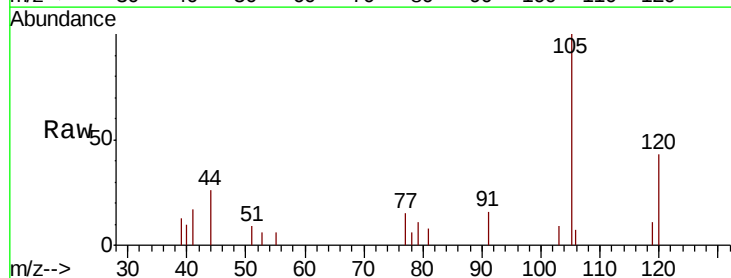


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

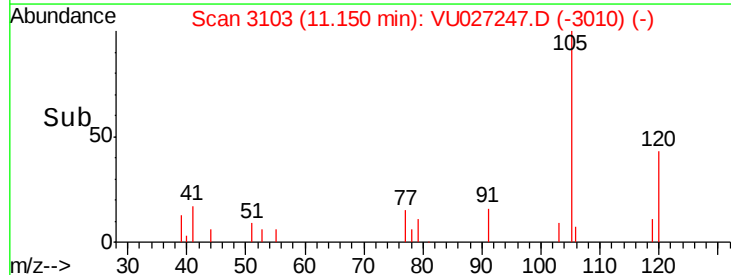
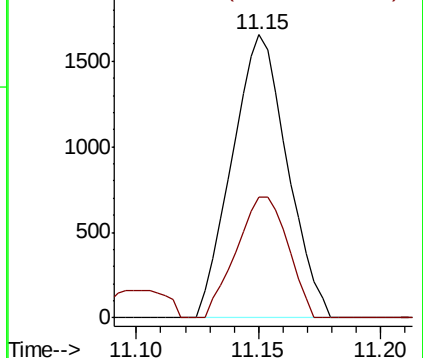


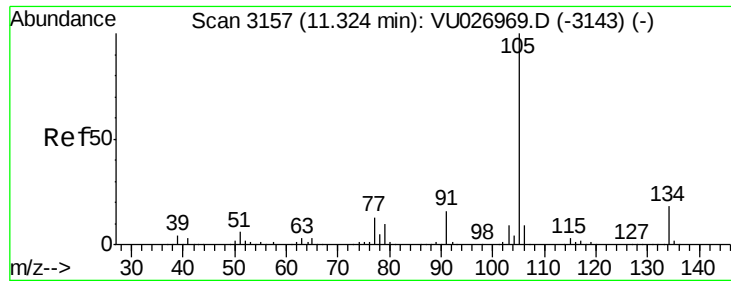
#84
1,2,4-Trimethylbenzene
Concen: 0.548 ug/l
RT: 11.15 min Scan# 3103
Delta R.T. 0.00 min
Lab File: VU027247.D
Acq: 28 Sep 2018 00:29

Tgt Ion:105 Resp: 2591
Ion Ratio Lower Upper
105 100
120 40.1 22.4 67.2



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

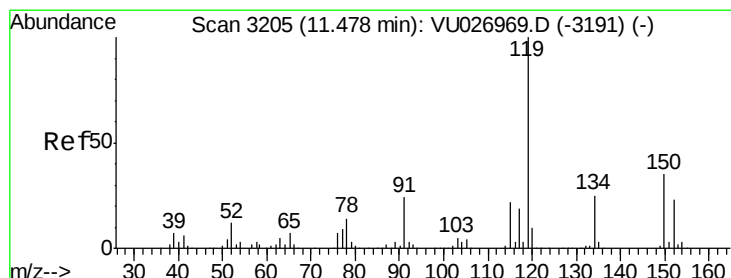
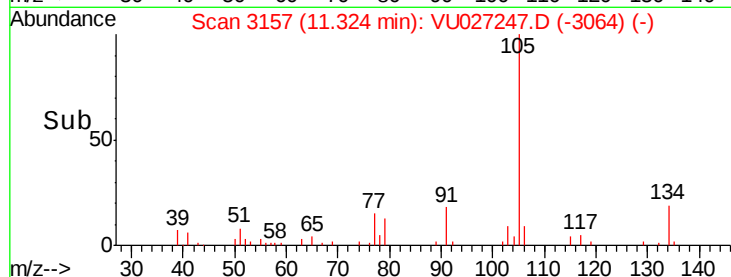
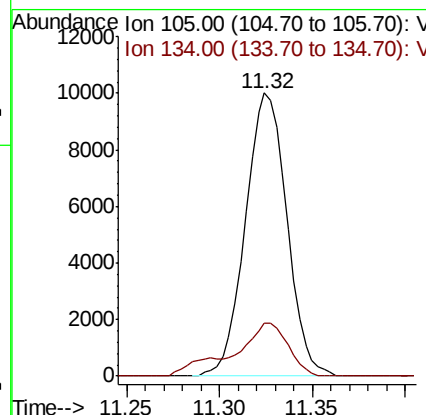
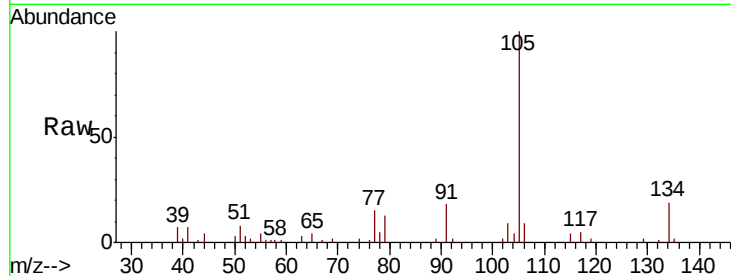




#85
 sec-Butylbenzene
 Concen: 2.788 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU027247.D
 Acq: 28 Sep 2018 00:29

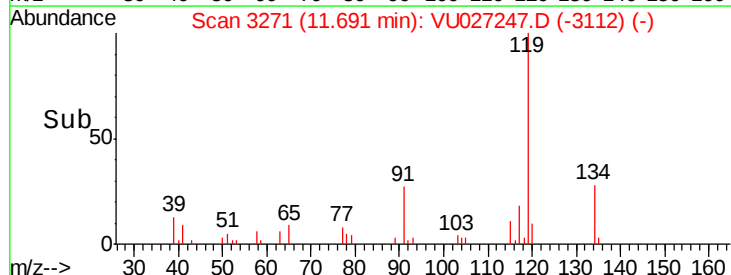
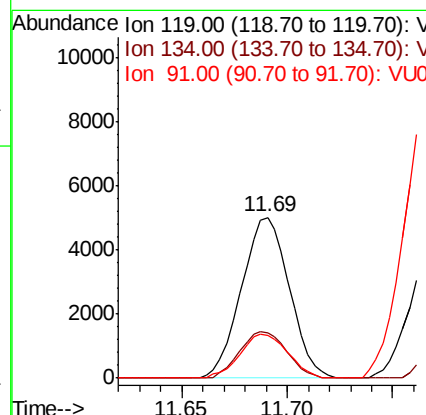
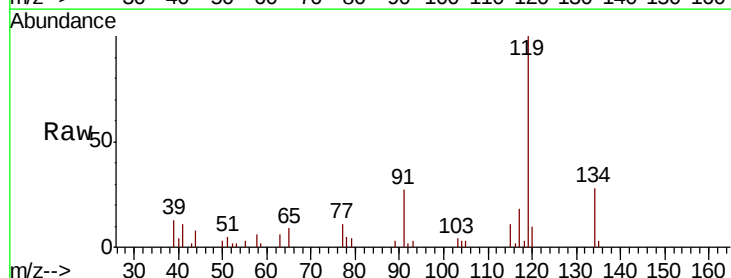
Instrument :
 MSVOA_U
 ClientSampleId :
 T11-MW-13-8.0-092018

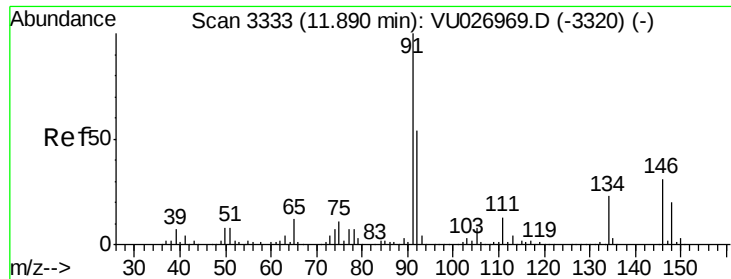
Tot Ion:105 Resp: 15619
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 2.401 ug/l
 RT: 11.69 min Scan# 3271
 Delta R.T. 0.21 min
 Lab File: VU027247.D
 Acq: 28 Sep 2018 00:29

Tgt Ion:119 Resp: 7895
 Ion Ratio Lower Upper
 119 100
 134 28.3 12.8 38.3
 91 27.4 12.3 36.8

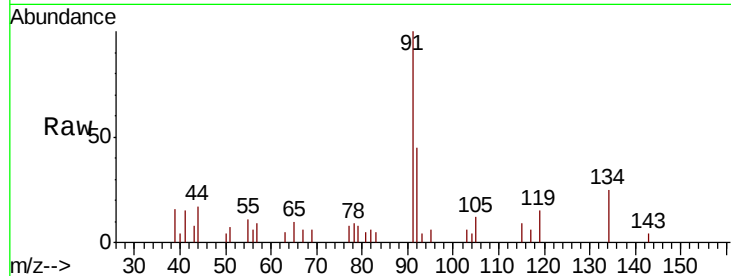




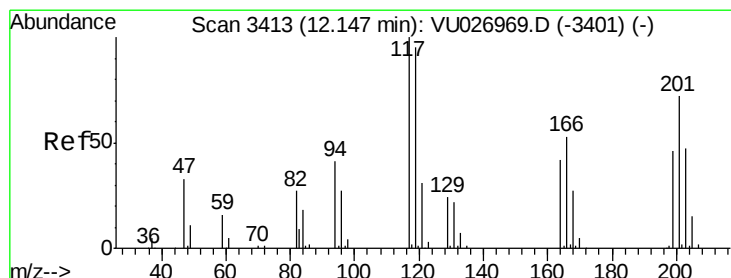
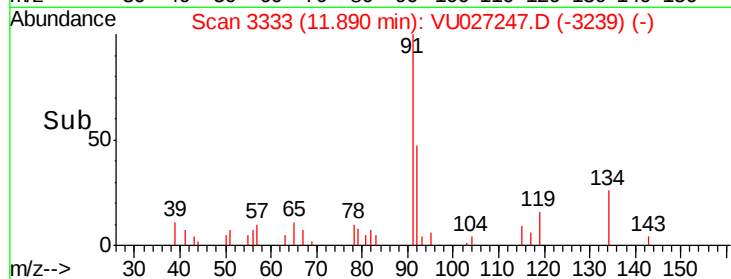
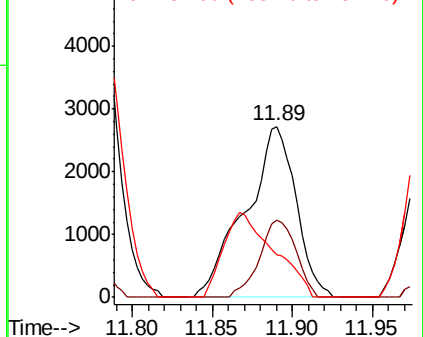
#89
n-Butylbenzene
Concen: 3.501 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU027247.D
Acq: 28 Sep 2018 00:29

Instrument :
MSVOA_U
ClientSampleId :
T11-MW-13-8.0-092018

Tot Ion: 91 Resp: 5933
Ion Ratio Lower Upper
91 100
92 32.7 27.1 81.2
134 0.0 11.7 35.0#

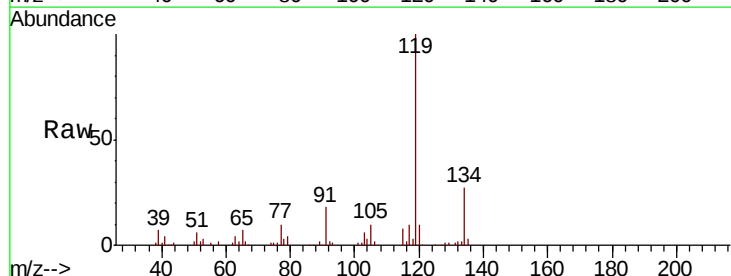


Abundance Ion 91.00 (90.70 to 91.70): VU026969.D (-3320) (-)
Ion 92.00 (91.70 to 92.70): VU026969.D (-3320) (-)
Ion 134.00 (133.70 to 134.70): VU026969.D (-3320) (-)

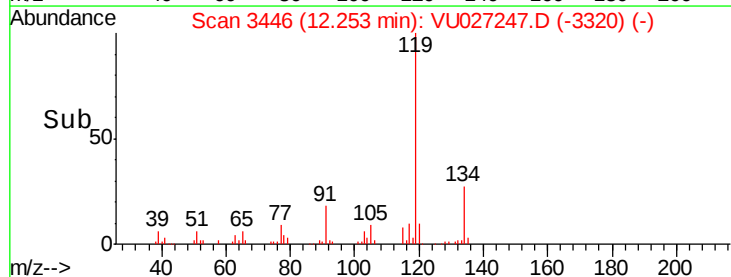
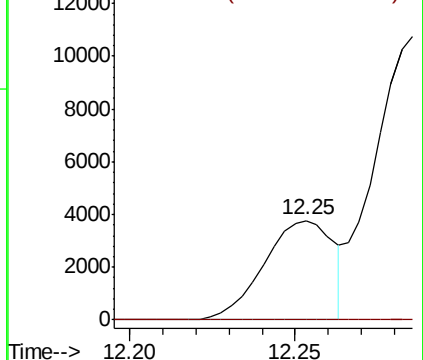


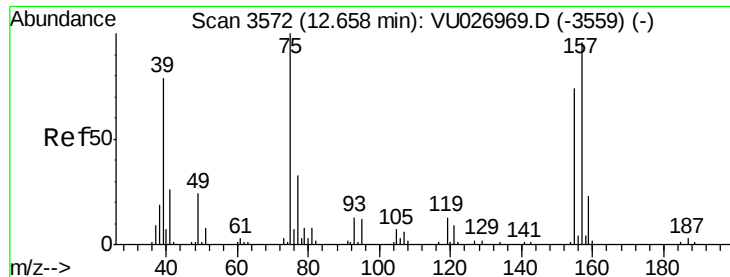
#90
Hexachloroethane
Concen: 5.417 ug/l
RT: 12.25 min Scan# 3446
Delta R.T. 0.11 min
Lab File: VU027247.D
Acq: 28 Sep 2018 00:29

Tgt Ion: 117 Resp: 5519
Ion Ratio Lower Upper
117 100
201 0.0 36.8 110.3#



Abundance Ion 116.80 (116.50 to 117.50): VU026969.D (-3401) (-)
Ion 200.70 (200.40 to 201.40): VU026969.D (-3401) (-)





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.531 ug/l

RT: 12.65 min Scan# 3570

Delta R.T. -0.01 min

Lab File: VU027247.D

Acq: 28 Sep 2018 00:29

Instrument :

MSVOA_U

ClientSampleId :

T11-MW-13-8.0-092018

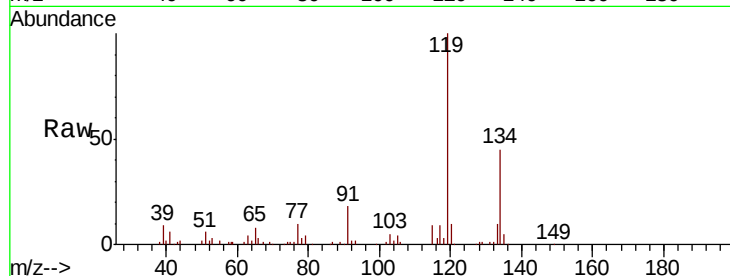
Tot Ion: 75 Resp: 280

Ion Ratio Lower Upper

75 100

155 0.0 36.6 109.8#

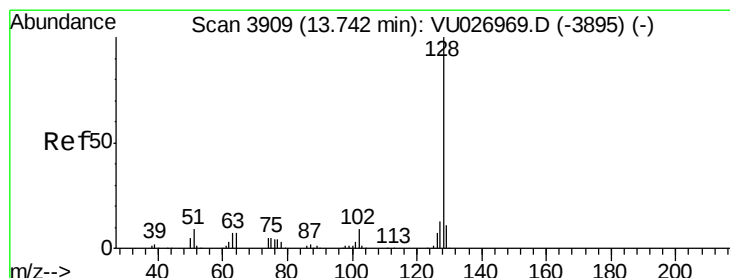
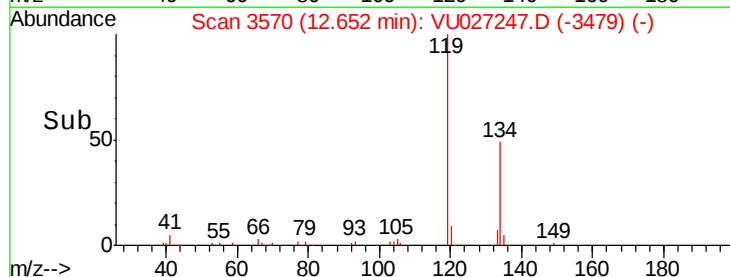
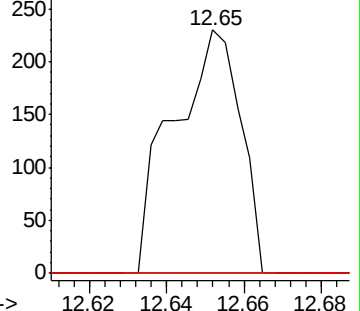
157 0.0 47.4 142.2#



Abundance Ion 74.90 (74.60 to 75.60): VU027247.D (-3479) (-)

Ion 154.80 (154.50 to 155.50): VU027247.D (-3479) (-)

Ion 156.80 (156.50 to 157.50): VU027247.D (-3479) (-)



#95

Naphthalene

Concen: 10.621 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU027247.D

Acq: 28 Sep 2018 00:29

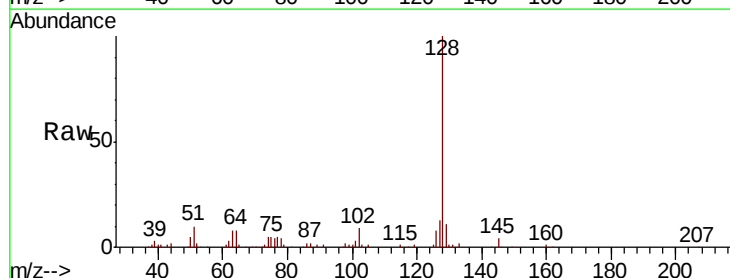
Tgt Ion: 128 Resp: 56584

Ion Ratio Lower Upper

128 100

127 13.6 10.6 15.8

129 12.7 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): VU027247.D (-3815) (-)

Ion 127.00 (126.70 to 127.70): VU027247.D (-3815) (-)

Ion 129.00 (128.70 to 129.70): VU027247.D (-3815) (-)

